



Your Expert
in Parts

STARTER & DYNASTARTER COMPONENTS

2017-2019



HC-CARGO Always Online

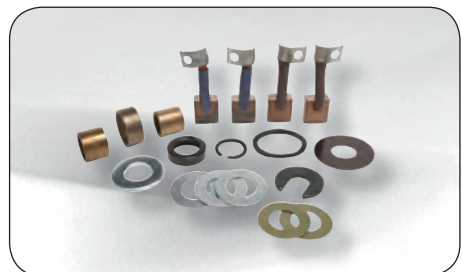
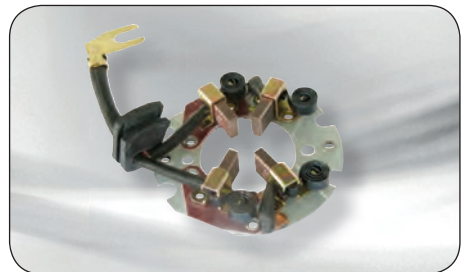
The products you require are only a few clicks away!

www.hc-cargo.com



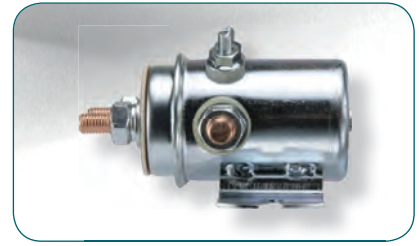
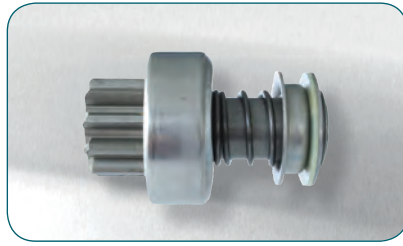
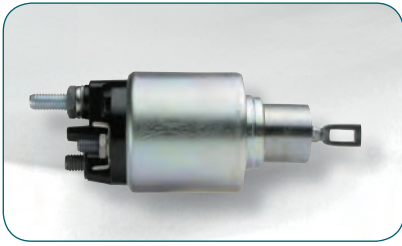


STARTER & DYNASTARTER COMPONENTS



Edition 2017-2019





HC-CARGO Spare Parts program - All you need

- High market coverage = all relevant parts for starter and alternators
- More than 14.000 numbers
- More than 1.000 OE Spare Parts
- HC-CARGO Spare Parts are used in production of leading reman brands
- HC-CARGO Spare Parts are also available on TecDoc

We stock an extensive range of starter parts like solenoids, bearings, brush gears, drives, armatures and other parts used for repairing starters.

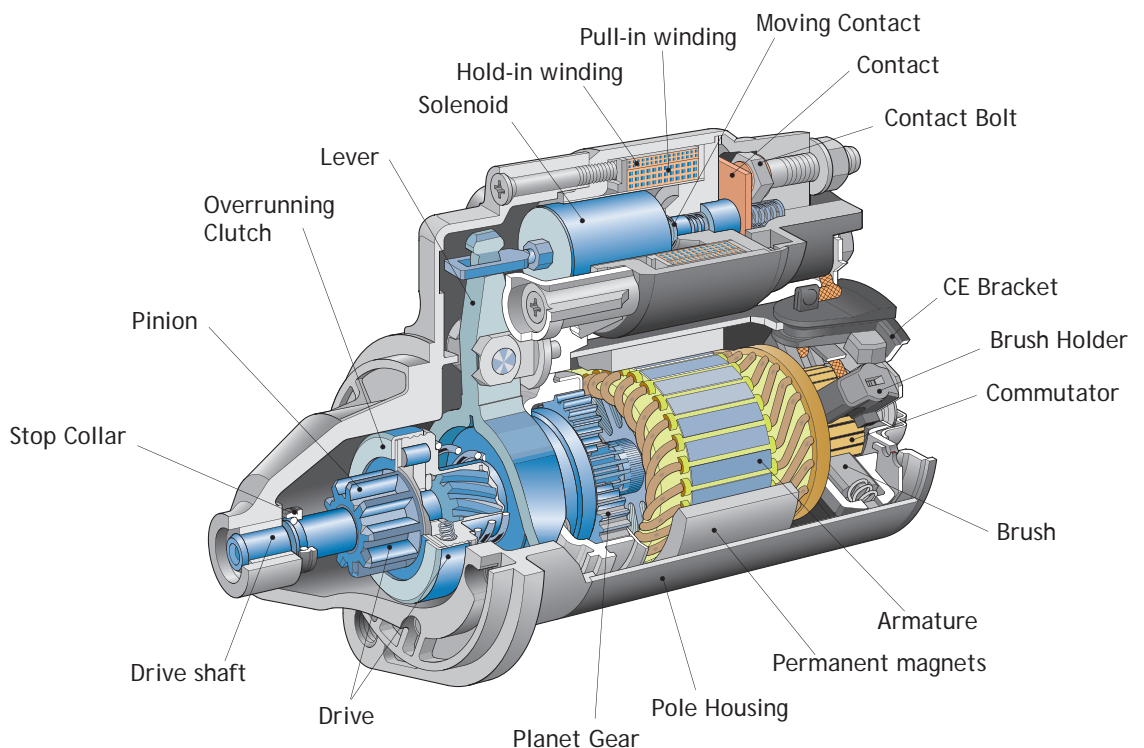
Most spare part dealers offer only specialized programs. We have decided to have a broad product range to meet the demands of customers in the best possible way.

We continuously strive for extending the program to offer the most comprehensive solution whether it is a simple replacement of a complete unit or a spare.

You can always see an up-to-date and complete program by using our web catalogue at www.hc-cargo.com

This catalogue also includes a complete cross reference list.

With the HC-CARGO program, you have a one-stop-supplier opportunity for parts for units.



HC-CARGO Bearings

HC-CARGO high performance bearing are developed to meet the requirements for the new generation of start/stop starters and high performance alternators which require a bearing covering the challenge of high temperature resistance and long lifetime.

The HC-CARGO bearings are tested and approved via tests under tough conditions to meet requirements even higher than standard bearings.

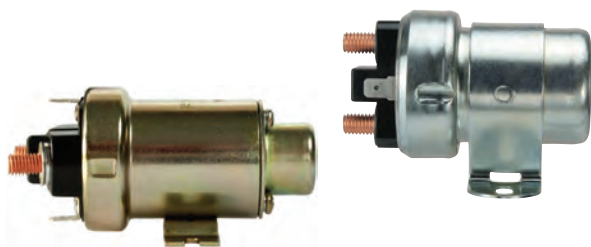


HC-CARGO Solenoids

One of HC-CARGO's most sold spare parts are solenoids. At our webpage you can see a short animation of the function of the solenoid and learn more about the HC-CARGO solenoid program - both for starters and universal solenoids.

HC-CARGO Solenoid Program:

- 1000+ part.no. - both starter components and universal solenoids
- Here of 125 universal solenoids (suitable for electrical motors, tail lid lifts, windlass etc.)
- Starter solenoids portfolio covers more than 85% of the European carpark
- All solenoids are produced by ISO certified suppliers
- All solenoids are tested in our test facilities
- Starter solenoid test - among other tests - includes endurance test of 9000 cycles. This grants you and your customer's trusted and high quality - always
- HC-CARGO starter solenoids are used in leading reman productions
- The HC-CARGO starter solenoid portfolio beside personal cars also include applications for trucks, agricultural machinery, marine and outdoor power equipment



High Quality Alternatives in HC-CARGO

We offer a high quality guarantee with thorough testing carried out by our quality assurance department. Our engineers test the parts in terms of interaction, perfect fit and easy installation before the products are approved and released for sale. This procedure ensures that we keep the promised high quality. You can easily find our recommendations - look for these logos:

Quality Stamps @ HC-CARGO

5★ The 5 star icon will help you to make the right product choice. If you see the icon, the part is OE quality, i.e. 1:1 the quality of the original part. If no icon appears, the part is aftermarket quality, i.e. the high quality you are familiar with from HC-CARGO - tested at our own test facilities before launch.

The HC-CARGO 5-star program contains products known in the automotive aftermarket as "original spare parts". The suppliers of these parts are OE manufacturers.

You will find the entire HC-CARGO product portfolio available on our online shop.



High Performance

Highest Quality. Designed and developed for high endurance and long lifetime



Best Choice

HC-CARGO's High Quality alternative. Expert's recommendation for the best price/value offer in the market

Our Quality - Your assurance

Quality is key to us at HC-CARGO. Even though the products are developed by our manufacturer network, the HC-CARGO logo on the packaging stands for high quality standards.

To constantly ensure high quality, our processes follow strict regulations.

The HC-CARGO ordering and management processes are certified to DIN EN ISO 9001. Certified management processes are also something we expect and require from our suppliers. They are all DIN EN ISO 9001 or TS 16949 certified.

REPLACEMENT FOR	PAGE
STARTER COMPONENTS	
BOSCH	
Armatures	11
Bearings	199
Brush Gears	161
Brush Sets	178
Brushes	186
Bushings	187
C.E. Brackets	36
Clutches	160
D.E. Brackets	39
Drives	97
Field Cases	30
Field Coils	32
Field Houses	31
I.M. Brackets	50
Levers	158
Planet Gears	146
Repair Kits	202
Solenoids	70
Sundry Parts	207
Yokes	26
Yokes w/ magnets	27
BRIGGS & STRATTON	
Armatures	225
Brush Gears	226
Brush Sets	226
Bushings	226
Clutches	225
D.E. Brackets	225
Drives	225
Field Cases	225
Repair Kits	226
BUTEC	
Armatures	227
Brush Sets	228
Bushings	228
Drives	227
Field Coils	227
Solenoids	227
Sundry Parts	229

REPLACEMENT FOR	PAGE
CAV	
Armatures	230
Bearings	234
Brush Gears	233
Brush Sets	233
Bushings	234
Clutches	233
Drives	231
Field Coils	230
Repair Kits	235
Solenoids	231
Sundry Parts	235
CHRYSLER	
Armatures	240
Brush Gears	241
Brush Sets	241
Bushings	241
Drives	240
Planet Gears	240
Solenoids	240
Sundry Parts	241
DELCO REMY → REMY (DELCO)	
DENSO	
Armatures	242
Bearings	290
Brush Gears	281
Brush Sets	284
Bushings	286
C.E. Brackets	246
Clutches	280
D.E. Brackets	247
Drives	266
Field Cases	245
Field Coils	246
Levers	279
Planet Gears	277
Repair Kits	290
Solenoids	254
Sundry Parts	291
Yokes w/ magnets	245

REPLACEMENT FOR	PAGE
DUCELLIER	
Armatures	298
Brush Gears	302
Brush Sets	303
Brushes	304
Bushings	304
Drives	301
Levers	302
Solenoids	300
Sundry Parts	306
ELMOT	
Armatures	308
Brush Sets	308
Bushings	309
Drives	308
Levers	308
Solenoids	308
Sundry Parts	309
FEMSA	
Armatures	310
Brush Sets	312
Bushings	312
Drives	311
Field Coils	310
Solenoids	310
Sundry Parts	314
FORD EU → FORD	
FORD US → FORD	
FORD	
Armatures	315
Bearings	332
Brush Gears	327
Brush Sets	329
Brushes	330
Bushings	330
C.E. Brackets	317
D.E. Brackets	317
Drives	321
Field Cases	316
Field Coils	316
Levers	327
Planet Gears	325

REPLACEMENT FOR	PAGE
FORD	
Repair Kits	332
Solenoids	320
Sundry Parts	332
Yokes	316
Yokes w/ magnets	316
HALLA	
Bushings	334
HESELMAN	
Solenoids	335
HITACHI	
Armatures	336
Bearings	367
Brush Gears	359
Brush Sets	360
Bushings	362
C.E. Brackets	339
Clutches	358
D.E. Brackets	340
Drives	350
Field Cases	338
Field Coils	338
I.M. Brackets	340
Levers	357
Planet Gears	356
Solenoids	345
Sundry Parts	368
Yokes	338
Yokes w/ magnets	338
HYDRAULFUNKTION	
Solenoids	372
ISKRA	
Armatures	373
Bearings	388
Brush Sets	383
Bushings	386
Clutches	383
Drives	378
Field Coils	374
Levers	383

STARTER COMPONENTS

REPLACEMENT FOR	PAGE
ISKRA	
Solenoids	378
Sundry Parts	388
LADA	
Brush Gears	389
Bushings	389
Drives	389
Field Coils	389
Solenoids	389
Sundry Parts	390
LEECE-NEVILLE	
Bushings	392
Drives	391
Solenoids	391
Sundry Parts	392
LETRIKA ↪ ISKRA	
LUCAS	
Armatures	393
Bearings	436
Brush Gears	424
Brush Sets	427
Brushes	431
Bushings	431
C.E. Brackets	397
Clutches	424
D.E. Brackets	398
Drives	411
Field Cases	396
Field Coils	396
I.M. Brackets	400
Levers	423
Planet Gears	423
Repair Kits	436
Solenoids	409
Sundry Parts	436
MAGNETI MARELLI	
Armatures	440
Bearings	473
Brush Gears	464
Brush Sets	466
Brushes	469

REPLACEMENT FOR	PAGE
MAGNETI MARELLI	
Bushings	470
C.E. Brackets	444
Clutches	464
D.E. Brackets	445
Drives	454
Field Cases	442
Field Coils	443
I.M. Brackets	446
Levers	463
Planet Gears	462
Repair Kits	473
Solenoids	451
Sundry Parts	474
MAGNETON (PAL/SKODA)	
Armatures	477
Bearings	481
Brush Gears	480
Brush Sets	480
Brushes	480
Bushings	480
Clutches	480
D.E. Brackets	477
Drives	479
I.M. Brackets	477
Levers	479
Solenoids	478
Sundry Parts	481
Yokes w/ magnets	477
MAHLE ↪ ISKRA	
MANDO MALROE ↪ VALEO	
MITSUBA	
Armatures	483
Bearings	486
Brush Gears	485
Brush Sets	485
Bushings	485
Clutches	485
Drives	484
I.M. Brackets	483
Solenoids	484
Sundry Parts	486

REPLACEMENT FOR	PAGE
MITSUBISHI	
Armatures	487
Bearings	538
Brush Gears	526
Brush Sets	529
Brushes	532
Bushings	533
C.E. Brackets	493
Clutches	524
D.E. Brackets	494
Drives	511
Field Cases	492
Field Coils	493
I.M. Brackets	497
Levers	522
Planet Gears	520
Solenoids	507
Sundry Parts	539
Yokes w/ magnets	491
MOTOROLA	
D.E. Brackets	546
NIKKO	
Armatures	547
Brush Gears	552
Brush Sets	553
Bushings	554
Drives	552
Field Cases	548
Field Coils	548
Levers	552
Solenoids	551
Sundry Parts	555
NIPPONDENSO → DENSO	
POONG SUNG	
Brush Sets	556
Drives	556
Solenoids	556
Sundry Parts	556
PRESTOLITE	
Brush Gears	557
Brush Sets	558

REPLACEMENT FOR	PAGE
PRESTOLITE	
Bushings	558
Drives	557
Solenoids	557
REMY (DELCO)	
Armatures	559
Bearings	601
Brush Gears	590
Brush Sets	594
Brushes	596
Bushings	597
C.E. Brackets	565
Clutches	590
D.E. Brackets	565
Drives	580
Field Cases	563
Field Coils	563
I.M. Brackets	566
Levers	588
Planet Gears	587
Repair Kits	601
Solenoids	567
Sundry Parts	602
Yokes w/ magnets	563
ROMANIA (E/P)	
Brush Sets	613
Bushings	613
Drives	613
SAWAFUJI	
Armatures	614
Brush Gears	615
Brush Sets	616
Bushings	616
Solenoids	615
SJCE	
Brush Sets	617
TECUMSEH	
Brush Sets	618
Bushings	618
Drives	618

STARTER COMPONENTS

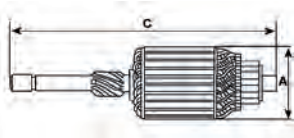
REPLACEMENT FOR	PAGE
UNITED TECHNOLOGIES	
Armatures	619
Brush Gears	621
Brush Sets	621
Bushings	621
C.E. Brackets	619
Drives	619
Solenoids	619
Sundry Parts	621
VALEO KOR. → VALEO	
VALEO	
Armatures	622
Bearings	673
Brush Gears	658
Brush Sets	661
Brushes	665
Bushings	666
C.E. Brackets	627
Clutches	658
D.E. Brackets	627
Drives	642
Field Cases	625
Field Coils	626
I.M. Brackets	628
Levers	656
Planet Gears	654
Repair Kits	674
Solenoids	638
Sundry Parts	674
Yokes w/ magnets	625
DC MOTOR PARTS	
Armatures	683
Brush Gear Parts	683
Brush Sets	683
Bushings	684
Solenoids	683
DYNASTARTER PARTS	
Brush Sets	685
Regulators	685

REPLACEMENT FOR	PAGE
MISCELLANEOUS	
Armatures	681
Brush Sets	681
Brushes	682
Bushings	682
Drives	681
Planet Gears	681
Solenoids	681
Sundry Parts	682
UNIVERSAL PARTS	
Brush Sets	691
Pull Coil Timers	696
Solenoids	686
Solenoid Shutdown	691
Sundry Parts	696
SURVEY - BUSHINGS	699
ASSORTMENTS	705
CROSS REFERENCE LIST	709
INDEX	777

ABBREVIATIONS:

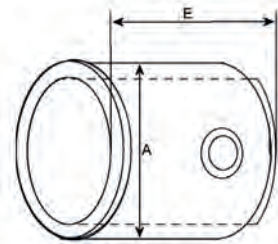
ACR=Anti-clockwise rotation, AC=Air condition, A=Ampere, AT=Automatic transmission, BS=Battery sense, Cat=Catalyzer, CR=Clockwise rotation, Cyl.=Cylinder, D=Insulated, DD=Direct drive, DF=DF plug, Dia.=Diameter, Dim.=Dimension, Dist.=Distance, EF=External fan, Eng.=Engine, Eur.=European application, FW=Free wheel pulley, GR=Gear reduction, HD=Heavy duty, HP=Horsepower, ID=Inner diameter, IF=Internal fan, IR=Internal regulator, K=Test lamp, kW=Kilowatt, LHD=Left hand drive, LRC=Load response control, OD=Outer diameter, PS=Power steering, RHD=Right hand drive, V=Volt, VP=Vacuum pump, w/=with, w/o=without, W= RPM connection, 15=Connection for the auxiliary start, 30h=W/ additional terminal 30h, 3(2)=Number of fixing holes - Number inbrackets represent threaded holes, ()=Vehicle type, []=Engine type

For armatures specific:



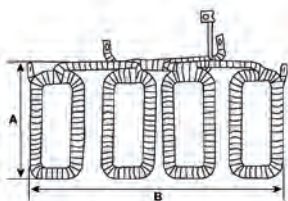
A = Core thickness
C = Shaft length

For yokes specific:



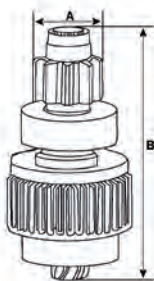
A = OD/middle
E = Length

For field coils specific:

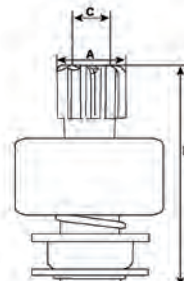


A = Height
B = Width

For drives specific:

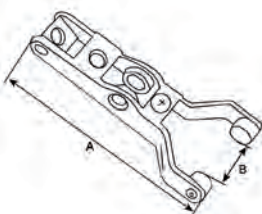


A = OD
B = Total length



A = OD
B = Total length
C = ID

For levers specific:



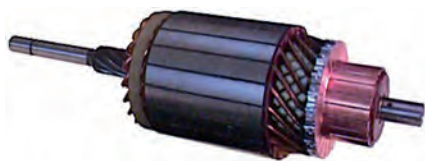
A = Length
B = Distance

TERMINAL CHART	Field / Rotor	Ground	Charging Lamp	Ignition	Point Central	Tacho / Stator	CPU Control	Battery Sense	Battery	Dummy
BOSCH	DF/F1/F2	B-/D-	D+/61/L/61E	15		W	COM/DF DFM/FR LI/RC LIN	S	B+	
BUTEC	F	-	D+						B+	
CHRYSLER	F1/F2/FLD	GRD							B+	
DELPHI			L				DFM		B+	
DENSO	F/F1/F2	E-	L	IG/R	N	P	FR/C/M	S	B/A	D
DUCELLIER	EXC	-/B-	D+	+		W			B+	
ELMOT	67	31	15			W			B+	
FORD (VISTEON)	DF/F/FLD	D-/-VE	D+/IND/I			W/STA/S			B+/Bat	
HITACHI	F	E	L	IG/R	N	P	FR/G	S	B/A	D
ISKRA	DF	D-	D+			W			B+	
LADA	67	31	15						B+/30	
LUCAS	F	-	D+			STA/W		S	B+	
PAL/MAGNETON	M	-	R						B+	
MANDO (VALEO)	F	E	L/I	IG/R	N	P		S	B/A	D
MARELLI	67	31	15		C	W	FR/SIG LI/STD PHIN/RC		B+/30	
MITSUBISHI	F	E	L	IG/R	N	P	FR/G/D	S	B/A	D
MOTOROLA	EXC	-/B-	D+			W			B+	
PARIS RHONE	EXC	-/B-	L			W			B+	
REMY (DELCO)	F	GRD	D+/L/1	I/IG		P/R/W	F	M/S/2	B+	
SEV MARCHAL	DF	-/B-	61+			W			B+	
VALEO	EXC	-	L/D+/61E	15/+		W	COM/FR DF/DFM LIN		B+	

Care is taken to ensure the accuracy of descriptions and applications of each item, but **CAR GO** assumes no responsibility for possible errors.
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ISO 9001
BUREAU VERITAS
Certification



Armatures
9 V

131933 Armature

Servicing: 0001362001

 9 V, 2.4 kW, Shaft length 283.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 130113.

131934 Armature

Servicing: 0001362047

 9 V, 2 kW, Shaft length 285.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 130116.

133084 Armature

 Servicing: 0001354004, 0001354005, 0001354018,
 0001354027, 0001354031, 0001354077, 0001354079,
 0001354085, EJD1,8/12R29, EJD1

 9 V, 1.4 kW, Shaft length 300.00,
 Core thickness 73.00, No./splines 3,
 Rotation CR
 12 V: HC-CARGO 130109.

133085 Armature

 Servicing: 0001354082, 0001354090,
 0001354091, 0001354092

 9 V, 1.8 kW, Shaft length 300.00,
 Core thickness 73.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 130110.

133086 Armature

 Servicing: 0001362009, 0001362016,
 0001362022, 0001362024

 9 V, 2.4 kW, Shaft length 288.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 130114.

133087 Armature

 Servicing: 0001362034, 0001362035,
 0001362036, 0001362037, 0001362039,
 0001362040, 0001362041, 0001362042,
 0001362043, 0001362045

 9 V, 2.4 kW, Shaft length 290.20,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 130115.

133088 Armature

 9 V, 2.4/2.7 kW, Shaft length 312.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR

12 V: HC-CARGO 130117.


133089 Armature

 Servicing: 0001358017, 0001358018,
 0001358020, 0001358035

 9 V, 2.3 kW, Shaft length 335.00,
 Core thickness 73.00, No./splines 3,
 Rotation CR
 12 V: HC-CARGO 130118.

133090 Armature

 Servicing: 0001358048, 0001358049,
 0001358050, 0001358051

 9 V, 3.2 kW, Shaft length 332.00,
 Core thickness 73.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 131130.

133098 Armature

 Servicing: 0001362305, 0001362308,
 0001362311, 0001362313, 0001362314,
 0001362320, 0001362322, 0001362323,
 0001362325, 0001362326

 9 V, 2/2.4/2.7 kW, Shaft length 290.50,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 132158.

133510 Armature

 Servicing: 0001317007, 0001317013,
 0001317022, 0001317023

 9 V, 1.7 kW, Shaft length 263.00,
 Core thickness 65.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 131839.

133515 Armature

 Servicing: 0001359008, 0001359021,
 0001359071

 9 V, 3 kW, Shaft length 333.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 130319.



134285 Armature

Servicing: 0001367001, 0001367002, 0001367004, 0001367005, 0001367006, 0001367007, 0001367008, 0001367009, 0001367010, 0001367011
 9 V, 3 kW, Shaft length 337.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 131075.



134887 Armature

Servicing: 0001110001, 0001110004, 0001110007, 0001110009, 0001110011, 0001110012, 0001110013, 0001110014, 0001110018, 0001110019
 9 V, 1.7/1.8 kW, Shaft length 161.00,
 Core thickness 60.00, No./teeth 15,
 Rotation CR/ACR
 12 V: HC-CARGO 132814.



136106 Armature

Servicing: 0001362600, 0001362601, 0001362605
 9 V, 2.3 kW, Shaft length 285.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 12 V: HC-CARGO 136105.



331023 Armature

Replacing: 2004004045
 Servicing: 0001354007, 0001354011, 0001354038, 0001354086
 9 V, Shaft length 300.00,
 Core thickness 74.00, No./splines 3,
 Rotation ACR

12 V



130059 Armature

Replacing: 1004003900, 1004003127, 1004003125
 Servicing: 0001311001, 0001311007, 0001311013, 0001311014, 0001311016, 0001311019, 0001311020, 0001311021, 0001311023, 0001311024
 12 V, 1 kW, Shaft length 263.00,
 Core thickness 65.00, No./splines 10,
 Rotation CR



130060 Armature

Replacing: 1004003901, 1004003143, 1004003134
 Servicing: 0001311100, 0001311101, 0001311102, 0001311103, 0001311104, 0001311105, 0001311106, 0001311107, 0001311108, 0001311109
 12 V, 1.1 kW, Shaft length 253.00,
 Core thickness 65.00, No./splines 10,
 Rotation CR



130061 Armature

Replacing: 9001184001, 9001082524, 9001082321, 9001082304, 1004012920, 1004012406
 Servicing: 0001211207, 0001211208, 0001211215, 0001211225, 0001211227, 0001211228, 0001211229, 0001211232, 0001211237, 0001211239
 12 V, 0.8 kW, Shaft length 222.00,
 Core thickness 60.00, No./splines 10,
 Rotation CR



130062 Armature

Replacing: 1004014104, 1004012917, 1004012452, 1004012417, 1004012407, 1004012404
 Servicing: 0001204102, 0001204103, 0001211204, 0001211205, 0001211206, 0001211209, 0001211210, 0001211213, 0001211214, 0001211216
 12 V, 0.8 kW, Shaft length 222.00,
 Core thickness 60.00, No./splines 10,
 Rotation CR



130108# Armature

Replacing: 2004004031, 2004002036, 2004002031
 Servicing: 0001208049, 0001208051, 0001208052, 0001208053, 0001208054, 0001208055, 0001208249, 0001208252, 0001208254, 0001208255
 12 V, 0.85 kW, Shaft length 253.00,
 Core thickness 60.00, No./splines 10,
 Rotation CR



130109 Armature

Replacing: 2004004044, 2004004043, 2004004042, 2004004041, 2004004020, 2004004012
 Servicing: 0001354010, 0001354016, 0001354021, 0001354029, 0001354055, 0001354064, 0001354077
 12 V, 1.4 kW, Shaft length 300.00,
 Core thickness 73.00, No./splines 3
 9 V: HC-CARGO 133084.


130110 Armature

Replacing: 2004004051

Servicing: 0001354080, 0001354082, 0001354088, 0001354090, 0001354091, 0001354092, 0001354093, 0001354094, 0001354095, 0001354099

12 V, 1.8 kW, Shaft length 300.00, Core thickness 73.00, No./splines 10, Rotation CR

9 V: HC-CARGO 133085.


130113 Armature

Replacing: 2007031001, 2004004071

Servicing: 0001362001, 0001362002, 0001362003, 0001362004, 0001362027, 0001362028, 0001362029, 0001362030, 9000143406

12 V, 2.4 kW, Shaft length 282.00, Core thickness 75.00, No./splines 10, Rotation CR

9 V: HC-CARGO 131933.


130114 Armature

Replacing: 2007031003, 2004004072

Servicing: 0001362005, 0001362006, 0001362007, 0001362008, 0001362009, 0001362010, 0001362011, 0001362012, 0001362013, 0001362014

12 V, 2.4 kW, Shaft length 288.00, Core thickness 75.00, No./splines 10, Rotation CR

9 V: HC-CARGO 133086.


130115 Armature

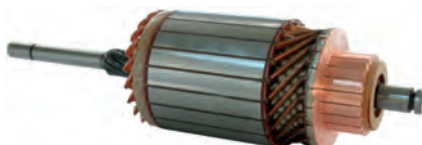
Replacing: 2004004095, 2004004074

Servicing: 0001362005, 0001362006, 0001362034, 0001362035, 0001362036, 0001362037, 0001362039, 0001362040, 0001362041, 0001362042

12 V, 2.4 kW, Shaft length 290.00, Core thickness 75.00, No./splines 10, Rotation CR

9 V: HC-CARGO 133087.

Alternative no.: F032130115


130116 Armature

Replacing: 2004004075

Servicing: 0001362038, 0001362047, 0001362069, 0001362070, 0001362077, 0001362078, 0001362083, 0001362600, 9000143408, B001812171

12 V, 2 kW, Shaft length 285.00, Core thickness 75.00, No./splines 10, Rotation CR

9 V: HC-CARGO 131934.

Alternative no.: F032130116


130117 Armature

Replacing: 2004014953, 2004014053, 2004004096, 2004004094, 2004004091, 2004004076

Servicing: 0001362051, 0001362052, 0001362063, 0001362064, 0001362082, 0001362093, 0001362096, 0001362097, 0001362300, 0001362301

12 V, 2.4/2.7 kW, Shaft length 312.00, Core thickness 75.00, No./splines 10, Rotation CR

9 V: HC-CARGO 133088.


130118 Armature

Replacing: 2004004081, 2004004025, 2004004024

Servicing: 0001358017, 0001358018, 0001358020, 0001358026, 0001358033, 0001358035, 0001358038, 0001358046, 0001358047

12 V, 2.3 kW, Shaft length 335.00, Core thickness 73.00, No./splines 3, Rotation CR

9 V: HC-CARGO 133089.


130122 Armature

Replacing: 2004012011, 1004012915, 1004012914, 1004012913, 1004012449, 1004012428, 1004012413, 1004012011

Servicing: 0001211223, 0001211224, 0001211255, 0001211256, 0001211257, 0001211258, 0001211992, 0001211993, 9000692015, 9000692050

12 V, 0.8 kW, Shaft length 215.50, Core thickness 60.00, No./splines 10, Rotation ACR


130319 Armature

Replacing: 9001140275, 2004004112, 2004004061

Servicing: 0001359001, 0001359002, 0001359003, 0001359004, 0001359008, 0001359010, 0001359012, 0001359013, 0001359014, 0001359016

12 V, 3 kW, Shaft length 333.00, Core thickness 75.00, No./splines 10, Rotation CR

9 V: HC-CARGO 133515.

Alternative no.: F032130319



130360 Armature

Replacing: 9003334020, 9001334020
 Servicing: 9000330922, 9000330948
 12 V, 0.8 kW, Shaft length 250.00,
 Core thickness 54.40, No./splines 12,
 Rotation CR



130994 Armature

Replacing: 1004012916, 1004012412
 Servicing: 0001211221, 0001211222, 0001211251,
 0001211252, 0001211253, 0001211254, 9000692062,
 B001211098, B001211204
 12 V, 0.8 kW, Shaft length 227.00,
 Core thickness 60.00, No./splines 10,
 Rotation CR



131051 Armature

Replacing: 9001337082, 9001140182,
 2004011032, 1004011003
 Servicing: 0001157012, 0001157013, 0001157014,
 0001157015, 0001157018, 0001157020, 0001157021,
 0001157022, 0001157023, 9000141100
 12 V, 0.7 kW, Shaft length 222.00,
 Core thickness 52.00, No./splines 10,
 Rotation CR



131063 Armature

Replacing: 9001334000, 1007010021,
 1004012906, 1004012431, 1004012408
 Servicing: 0001208172, 0001208200, 0001208201,
 0001208202, 0001208204, 0001208206, 0001208208,
 0001208209, 0001208211, 0001208216
 12 V, 0.85 kW, Shaft length 232.00,
 Core thickness 60.00, No./splines 10,
 Rotation CR



131075 Armature

Replacing: 9001141143, 2004014961,
 2004014960, 2004014060, 2004004010,
 2004004007, 2004004006, 2004004005
 Servicing: 0001367001, 0001367002,
 0001367004, 0001367005, 0001367006,
 0001367007, 0001367008, 0001367009,
 0001367010, 0001367011
 12 V, 3 kW, Shaft length 337.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 9 V: HC-CARGO 134285.
 Alternative no.: F032131075



131130 Armature

Replacing: 2004004083
 Servicing: 0001358048, 0001358049,
 0001358050, 0001358051, B001804003
 12 V, 3.2 kW, Shaft length 333.00,
 Core thickness 73.00, No./splines 10,
 Rotation CR
 9 V: HC-CARGO 133090.



131435 Armature

Replacing: 1004003908, 1004003151
 Servicing: 0001317009, 0001317010,
 0001317014, 0001317015, 0001317018,
 0001317019, 0001317020, 0001317021,
 B001329010
 12 V, 1.7 kW, Shaft length 262.00,
 Core thickness 65.00, No./splines 10,
 Rotation ACR
 9 V: HC-CARGO 133358.



131663 Armature

Replacing: 9001049121, 1004003912,
 1004003170, 1004003142, 1004003138,
 1004003133, 1004003130
 Servicing: 0001311041, 0001311042,
 0001313003, 0001313005, 0001313006,
 0001314001, 0001314002, 0001314005,
 0001314006, 0001314009
 12 V, 1.5 kW, Shaft length 263.00,
 Core thickness 65.00, No./splines 10,
 Rotation CR
 Alternative no.: F032131663



131665 Armature

Replacing: 2004004069
 Servicing: 0001358200, 0001358201,
 0001358202
 12 V, 2.5 kW, Shaft length 303.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR



131839 Armature

Replacing: 1004003907, 1004003154,
 1004003150
 Servicing: 0001317007, 0001317008,
 0001317013, 0001317022, 0001317023,
 0001317024, 0001317025, B001329009,
 B001329014, B001329044
 12 V, 1.7 kW, Shaft length 263.00,
 Core thickness 65.00, No./splines 10,
 Rotation CR
 9 V: HC-CARGO 133510.


132031 Armature

Replacing: 9003334034, 9003334033, 9003334029, 9003334028, 9003334026, 9003334025, 9001140339, 1004012450

Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011

12 V, 2.2 kW, Shaft length 158.00, Core thickness 50.00, No./teeth 18, Rotation CR


132143 Armature

Replacing: 1004012912, 1004012903, 1004012426, 1004012420

Servicing: 0001211500, 0001211501, 0001211502, 0001211503, 0001211504, 0001211505, 0001211510, 0001211511, 0001211512, 0001211513

12 V, 0.8 kW, Shaft length 207.50, Core thickness 60.00, No./splines 10, Rotation CR


132149 Armature

Replacing: 1004003915, 1004003148

Servicing: 0001314025, 0001314026, 0001314027, 0001314028, 0001314029, 0001314030, 0001314032, 0001314033, 0001314034, 0001314035

12 V, 1.5 kW, Shaft length 262.50, Core thickness 65.00, No./splines 10, Rotation CR
9 V: HC-CARGO 133588.


132152# Armature

Replacing: 9001337081, 1004011004

Servicing: 0001157024, 0001157025, 0001157028, 0001157029, 0001157030, 9000141114, 9000141116, 9000334102

12 V, 0.7 kW, Shaft length 228.00, Core thickness 52.00, No./splines 10, Rotation CR


132153 ★ Armature

Manufacturer: Bosch

Replacing: 9001334001, 9001304001, 1004012905, 1004012432, 1004012422, 1004012421

Servicing: 0001208501, 0001208502, 0001208507, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517, 0001208518

12 V, 0.8/0.85/0.95 kW, Shaft length 216.94, Core thickness 59.90, No./splines 10, Rotation CR


132156 Armature

Replacing: 1004003913, 1004003171, 1004003139, 1004003132

Servicing: 0001314003, 0001314004, 0001314008, 0001314016, 0001314022, 0001314031, 0001314039, 0001314040, 0001314044, B001315003

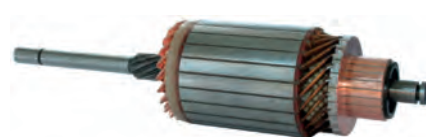
12 V, 1.5 kW, Shaft length 263.00, Core thickness 65.00, No./splines 10, Rotation ACR


132158 Armature

Replacing: 2004014952, 2004004952, 2004004092, 2004004082

Servicing: 0001358040, 0001362034, 0001362035, 0001362036, 0001362039, 0001362041, 0001362042, 0001362045, 0001362046, 0001362048

12 V, 1.9-2.7 kW, Shaft length 290.50, Core thickness 75.00, No./splines 10, Rotation CR
9 V: HC-CARGO 133098.


132164 Armature

Replacing: 1004003909, 1004003152

Servicing: 0001317011, 0001317012, 0001317016, 0001317017, B001329013, B001329029

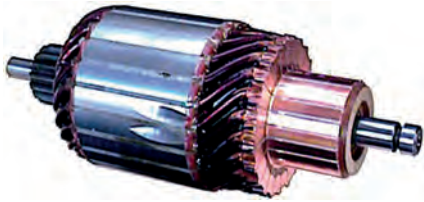
12 V, 1.7 kW, Shaft length 282.50, Core thickness 65.00, No./splines 10, Rotation ACR
9 V: HC-CARGO 134084.


132332 Armature

Replacing: 2004004926, 2004004105

Servicing: 0001365004, 0001365005, 0001365006, 0001365007, 0001365008, B001819001, B001819009, B001819015, B001819117

12 V, 3.7 kW, Shaft length 366.00, Core thickness 75.00, No./splines 10, Rotation CR



132814 Armature

Replacing: 1004011901, 1004011066, 1004011056, 1004011047, 1004011044, 1004011036, 1004011031, 1004011025

Servicing: 0001110001, 0001110002, 0001110007, 0001110008, 0001110009, 0001110010, 0001110011, 0001110012, 0001110013, 0001110014

12 V, 1.7/1.8 kW, Shaft length 161.00, Core thickness 60.00, No./teeth 15, Rotation CR/ACR

9 V: HC-CARGO 134887.

Alternative no.: F032132814



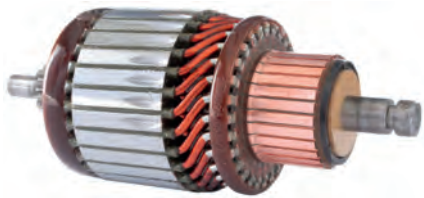
132815 Armature

Replacing: 1004011206, 1004011048, 1004011038, 1004011037, 1004011033, 1004011030, 1004001033

Servicing: 0001110003, 0001110005, 0001110017, 0001110024, 0001110025, 0001110026, 0001110033, 0001110040, 0001110042, 0001110047

12 V, 1.7 kW, Shaft length 163.00, Core thickness 59.00, No./teeth 18, Rotation CR/ACR

9 V: HC-CARGO 234594.



132816 Armature

Manufacturer: Bosch

Replacing: 1004011203, 1004011085, 1004011077, 1004011070, 1004011065, 1004011051, 1004011034, 1004011032

Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108005, 0001108006, 0001108007, 0001108009, 0001108010, 0001108011

12 V, 1.1/1.8 kW, Shaft length 136.00, Core thickness 55.00, No./teeth 11, Rotation CR/ACR

Alternative no.: 335177



132988 Armature

Replacing: 1004011136, 1004011120, 1004011111, 1004011101

Servicing: 0001112005, 0001112006, 0001112007, 0001112008, 0001112009, 0001112012, 0001112013, 0001112014, 0001112015, 0001112016

12 V, 0.8/0.9 kW, Shaft length 212.00, Core thickness 59.00, No./splines 10, Rotation CR



133107 Armature

Replacing: 2004002032

Servicing: 0001211997, 0001211998, 9000042021, 9000042027, 9000082009

12 V, 0.8 kW, Shaft length 248.00, Core thickness 60.00, No./splines 10, Rotation ACR



133160 Armature

Replacing: 1004012901, 1004012410

Servicing: 0001212206, 0001212207, 0001212210, B001229004, B001229013

12 V, 0.7/0.8 kW, Shaft length 221.50, Core thickness 60.00, No./splines 10, Rotation CR



133209 Armature

Replacing: 1004012909, 1004012433

Servicing: 0001208425, 0001208426, 0001208428, 0001208429, B001208256

12 V, 0.95 kW, Shaft length 237.50, Core thickness 60.00, No./splines 10, Rotation ACR



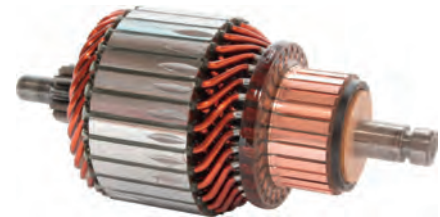
133486 Armature

Manufacturer: Remy

Replacing: 2005005026, 2004005155, 2004005026

Servicing: 0001413001, 0001413002, 0001413003, 0001413004, 0001413005, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010

12 V, 3.5/3.6 kW, Shaft length 235.50, Core thickness 83.00, Rotation CR
Clutch housing: HC-CARGO 231369.



134514 Armature

Replacing: 1004011086, 1004011068, 1004011062, 1004011042, 1004011039

Servicing: 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107009, 0001107012, 0001107013, 0001107014

12 V, 1.1 kW, Shaft length 123.00, Core thickness 55.00, No./teeth 11, Rotation CR/ACR

Alternative no.: 333588



134521 Armature

Replacing: 1004003910, 1004003153

Servicing: 0001312108, 0001312109, B001335003

12 V, 1.7 kW, Shaft length 258.00, Core thickness 65.00, No./splines 10, Rotation CR


134522 Armature

Replacing: 1004012468, 1004012409
 Servicing: 0001212204, 0001212205, 0001212208, 0001212209, 0001212211, 0001212212, 0001212213, 0001212214, B001229003
 12 V, 0.8 kW, Shaft length 221.50, Core thickness 60.00, No./splines 10, Rotation ACR


134799 Armature

Replacing: 2004003036, 2004003031, 1004003919
 Servicing: 0001312100, 0001312110, B001322002, B001322022
 12 V, 1.5 kW, Shaft length 257.00, Core thickness 65.00, No./splines 10, Rotation ACR


135113# Armature

Replacing: 1004011126, 1004011106
 Servicing: 0001114005, 0001114006, B001181007
 12 V, 1 kW, Shaft length 227.00, Core thickness 59.00, No./splines 10, Rotation ACR


135351 Armature

Replacing: 2004014965, 2004004965, 2004004056, 2004004040, 2004004037
 Servicing: 0001369001, 0001369002, 0001369003, 0001369005, 0001369006, 0001369007, 0001369011, 0001369012, 0001369013, 0001369015
 12 V, 3.1/3.6 kW, Shaft length 322.50, Core thickness 75.00, No./splines 10, Rotation CR


135639 Armature

Replacing: 1004003922, 1004003141
 Servicing: 0001315002, 0001315004, B001317004
 12 V, 1.9 kW, Shaft length 253.00, Core thickness 65.00, No./splines 10, Rotation ACR


135842# Armature

Replacing: 9001082594, 9001082574
 Servicing: 9000082043, 9000082044, 9000082050, 9000082052, 9000082054, 9000082055, 9000082058, 9000082059, 9000082061, 9000082063
 12 V, 0.95 kW, Shaft length 229.00, Core thickness 60.00, No./splines 10, Rotation CR


136105 Armature

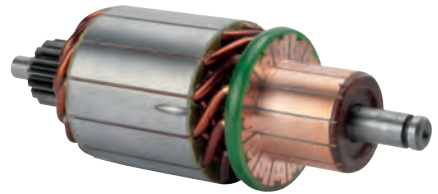
Replacing: 2004014951, 2004004090
 Servicing: 0001362038, 0001362600, 0001362601, 0001362605, B001812171, B001812265, B001812301, B001812357
 12 V, 2-2.3 kW, Shaft length 285.00, Core thickness 75.00, No./splines 10, Rotation CR
 9 V: HC-CARGO 136106.


136231 Armature

Replacing: 1004011902, 1004011099, 1004011055, 1004011045, 1004011041
 Servicing: 0001109001, 0001109002, 0001109003, 0001109006, 0001109007, 0001109008, 0001109009, 0001109011, 0001109012, 0001125011
 12 V, 1.6 kW, Shaft length 148.00, Core thickness 59.00, No./teeth 18


136783# Armature

Replacing: F000AL1506, 1004011144, 1004011124, 1004011118, 1004011018
 Servicing: 0001112029, 0001112033, 0001112037, 0001113009, 0001113015, 9000695004, 9000695005, 9000695007, 9000695008, B001180063
 12 V, 0.8/0.9 kW, Shaft length 206.50, Core thickness 59.00, No./splines 10, Rotation CR


136784 Armature

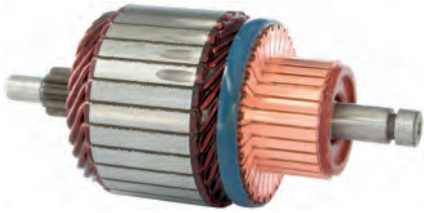
Replacing: 9003334032, 9003334031
 Servicing: 0001218162, 0001218165, 0001218172, 0001218173
 12 V, 2.2 kW, Shaft length 152.00, Core thickness 50.00, No./splines 15, No./teeth 15


136986 Armature

Replacing: 2004014955, 2004004078
 Servicing: 0001362085, 0001362094, 0001362099, 0001366005, 0001366006, 0001366010, 0001366013, 0001366014, 0001366028, 9000143204
 12 V, 1.9/2.4 kW, Shaft length 290.50, Core thickness 75.00, No./splines 10, Rotation ACR


136988 Armature

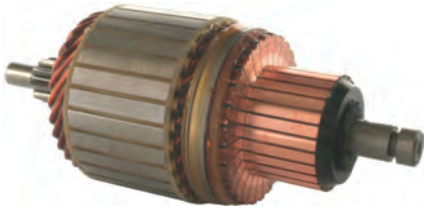
Replacing: F000AL1521, 1004011123
 Servicing: 0001112014, 0001112027, 0001112028, 0001112044, 0001112045, 0001113013, 0001113014, B001180052
 12 V, 0.8/0.9 kW, Shaft length 224.50, Core thickness 59.00, No./splines 10, Rotation CR



137069 Armature

Replacing: 1004011097, 1004011063, 1004011058, 1004011046

Servicing: 0001107010, 0001107011, 0001107030, 0001107031, 0001107032, 0001107037, 0001107038, 0001107039, 0001107048, 0001107049
12 V, 1.1 kW, Shaft length 123.00, Core thickness 55.00, No./teeth 9



137070 Armature

Manufacturer: Bosch

Replacing: 1004011204, 1004011091, 1004011076, 1004011071, 1004011057, 1004011043

Servicing: 0001108115, 0001108145, 0001108153, 0001108157, 0001108167, 0001108169, 0001108190, 0001108196, 0001108208, 0001108209
12 V, 1.4 kW, Shaft length 138.00, Core thickness 55.00, No./teeth 9, Rotation CR



137233 Armature

Replacing: 2004014967, 2004004055

Servicing: 0001369014, 0001369020, 0001369024, B001828111

12 V, 3.1 kW, Shaft length 301.00, Core thickness 75.00, No./splines 10, Rotation CR



137284 Armature

Replacing: 1004011087, 1004011074

Servicing: 0001109003, 0001109017, 0001109043, 0001109044, 0001109047, 0001109049, 0001109056, 0001109059, 0001109060, 0001109064

12 V, 2 kW, Shaft length 149.00, Core thickness 59.00, No./teeth 16



137479 Armature

Replacing: 9003334037, 9003334030, 9003334027

Servicing: 9000331201, 9000331203

12 V, 1.9 kW, Shaft length 158.00, Core thickness 50.00, No./teeth 10, Rotation CR

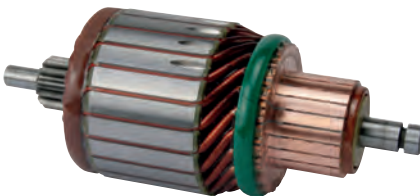


137482 Armature

Replacing: F000AL1321, 1004011143, 1004011138, 1004011133

Servicing: 0001112035, 0001112041, 0001113010, 0001113017, F000AL0325, F000AL0327, F004A95002

12 V, 0.8/0.9 kW, Shaft length 202.50, Core thickness 59.00, No./splines 10, Rotation CR



137893 Armature

Replacing: F010AL1014, 1004011220, 1004011088, 1004011072

Servicing: 0001109014, 0001109018, 0001109025, 0001109026, 0001109028, 0001109029, 0001109030, 0001109031, 0001109033, 0001109034

12 V, 1.8/2 kW, Shaft length 149.00, Core thickness 59.00, No./teeth 13
11 tooth: HC-CARGO 230371.



138330 Armature

Replacing: 1004003918, 1004003916, 1004003176, 1004003157, 1004003155

Servicing: 0001314046, 0001314047, 0001314049, B001315184, B001315186

12 V, 1.5 kW, Shaft length 271.00, Core thickness 65.00, No./splines 10, Rotation CR



138334 Armature

Replacing: 1004003904, 1004003137

Servicing: 0001311115, 0001311134, 0001311135, 0001311138, B001311048, B001311075, B001311102, B001311148

12 V, 1.1 kW, Shaft length 252.00, Core thickness 65.00, No./splines 10, Rotation ACR



138674 Armature

Replacing: 1004011054, 1004011040

Servicing: 0001110063, 0001110068, B001117150, B001117155

12 V, 1.7 kW, Shaft length 163.00, Core thickness 59.00, No./teeth 11, Rotation ACR



138848 Armature

Replacing: 9001083327

Servicing: 9000083027, 9000083028, 9000083049, 9000083053, 9000083054, 9000083055, 9000083056, 9000083057, 9000083058, 9000083059

12 V, 3 kW, Shaft length 329.00, Core thickness 73.00, No./splines 10, Rotation CR



139404 Armature

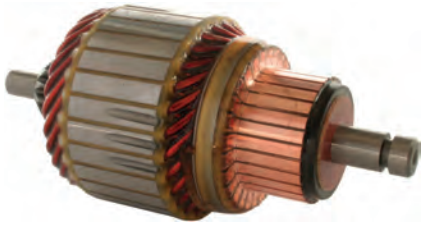
Manufacturer: Bosch

Replacing: 1004011218, 1004011205, 1004011202, 1004011080

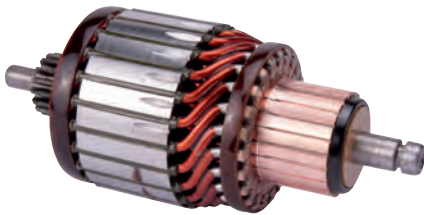
Servicing: 0001110017, 0001110026, 0001110079, 0001110089, 0001110095, 0001110114, 0001110126, 0001110127, 0001110128, 0001110129

12 V, 1.8 kW, Shaft length 160.00, Core thickness 59.00, No./teeth 16, Rotation CR/ACR

Alternative no.: 335078


139658 Armature

Replacing: 1004011096, 1004011083
 Servicing: 0001107010, 0001107048, 0001107072, 0001107096, 0001107107, 0001121006, 0001121007, 0001121008, 0001121009, 0001121010
 12 V, 1.1 kW, Shaft length 123.00, Core thickness 55.00, No./teeth 14, Rotation CR/ACR


139703 Armature

Manufacturer: Bosch
 Replacing: 1004011082
 Servicing: 0001125501, 0001125502, 0001125503, 0001125504, 0001125507, 0001125508, 0001125511, 0001125512, 0001125513, 0001125514
 12 V, 2 kW, Shaft length 143.00, Core thickness 59.00, No./splines 0, No./teeth 16, Rotation CR
 Alternative no.: 335083


139704 Armature

Replacing: 1004011319, 1004011224, 1004011090
 Servicing: 0001109021, 0001109022, 0001109066, 0001109067, 0001109070, 0001109202, 0001109203, 0001109265, 0001109266, 0001109302
 12 V, 2 kW, Shaft length 149.00, Core thickness 59.00, No./teeth 9, Rotation CR
 Alternative no.: 333412


230193 Armature

Replacing: 1004003902, 1004003135
 Servicing: 0001311050, 0001311051, 0001311052, 0001311053, 0001311054, 0001311055, B001324002, B001324003, B001324004, B001324007
 12 V, 1/1.35 kW, Shaft length 263.00, Core thickness 65.00, No./splines 10

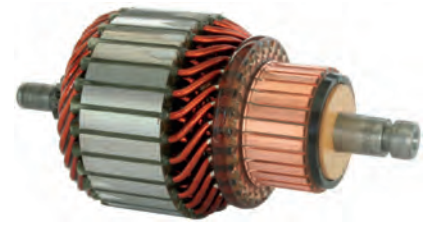

230371 Armature

Replacing: 1004011315, 1004011225, 1004011208
 Servicing: 00010DB98E, 0001105205, 0001109015, 0001109023, 0001109045, 0001109052, 0001109055, 0001109062, 0001109068, 0001109201
 12 V, 2.1 kW, Shaft length 149.00, Core thickness 59.00, No./teeth 11, Rotation CR
 13 tooth: HC-CARGO 137893.

Alternative no.: 333411


230518 Armature

Replacing: 1004011207, 1004011067
 Servicing: 0001110016, 0001110029, 0001110030, 0001110039, 0001110041, 0001110048, 0001110053, 0001110071, 0001110072, 0001110075
 12 V, 1.7/1.8 kW, Shaft length 160.00, Core thickness 59.00, No./teeth 13, Rotation CR
 15 tooth: HC-CARGO 132814.
 Alternative no.: F032230518


231065 Armature

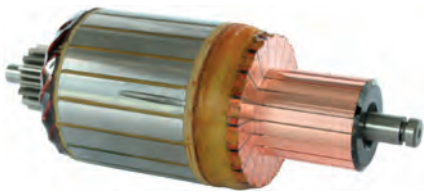
Manufacturer: Bosch
 Replacing: 1004011089
 Servicing: 0001106011, 0001106012, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023, 0001106024
 12 V, 0.9 kW, Shaft length 115.50, Core thickness 55.00, No./teeth 9, Rotation CR/ACR
 Alternative no.: 335077


231985 Armature

Replacing: 2004014962, 2004004008
 Servicing: 0001367061, B001816377
 12 V, 3 kW, Shaft length 336.00, Core thickness 75.00, No./splines 10, Rotation ACR


233475 Armature

Replacing: 6033AD1059, 6033AD0436, 6033AD0010
 Servicing: 0001223001, 0001223002, 0001223003, 0001223004, 0001223007, 0001223008, 0001223009, 0001223010, 0001223011, 0001223012
 12 V, 2.3 kW, Shaft length 144.00, Core thickness 58.00, No./teeth 14, Rotation CR

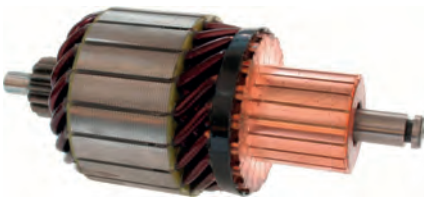


233585 Armature

Replacing: 6033AD3242, 6033AD3018, 6033AD0121, 6003AD0121

Servicing: 0001230001, 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010

12 V, 3 kW, Shaft length 169.00, Core thickness 60.00, No./teeth 16, Rotation CR



233698 Armature

Manufacturer: Bosch

Replacing: 6033AD1104, 6033AD1061, 6033AD0446

Servicing: 0001223013, 0001223014

12 V, 2.3 kW, Shaft length 140.00, Core thickness 58.00, No./teeth 14, Rotation CR

Alternative no.: 335081

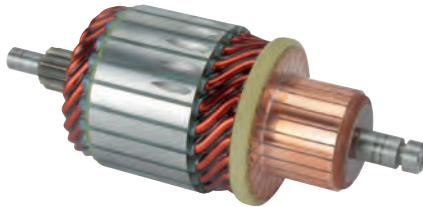


233715 Armature

Replacing: 1004011304, 1004011084

Servicing: 0001115005, 0001115006, 0001115009, 0001115011, 0001115013, 0001115035, 0001115045, 0001115046, 0001115068, 0001115069

12 V, 1.7 kW, Shaft length 145.50, Core thickness 55.00, No./teeth 11, Rotation CR/ACR



234022 Armature

Replacing: 1004011092, 1004011073

Servicing: 0001115001, 0001115002, 0001115007, 0001115008, 0001115012, 0001115015, 0001115016, 0001115017, 0001115020, 0001115021

12 V, 1.7 kW, Shaft length 146.00, Core thickness 55.00, No./teeth 9, Rotation CR

Alternative no.: F032234022



234023 Armature

Replacing: 1004011137

Servicing: 0001116001

12 V, 0.7 kW, Shaft length 179.00, Core thickness 59.00, No./splines 10, Rotation CR



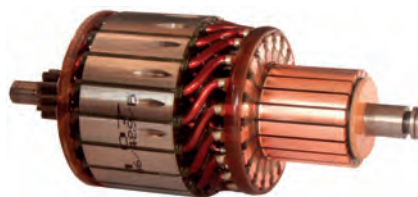
234166 Armature

Manufacturer: Bosch

Replacing: 1007010119, 1004011211

Servicing: 0001110132, F000AL0108

12 V, 1.8 kW, Shaft length 160.00, Core thickness 59.00, No./teeth 11, Rotation CR



234244 Armature

Replacing: 6033AD1107, 6033AD0206

Servicing: 0001223005, 0001223006

12 V, 2.3 kW, Shaft length 140.00, Core thickness 58.00, No./teeth 11, Rotation CR



234895 Armature

Replacing: 1004011142, 1004011139

Servicing: 0001116003, 0001116006, 0001116008, 0001116009

12 V, 0.7 kW, Shaft length 189.00, Core thickness 59.00, No./splines 10, Rotation CR



235212 Armature

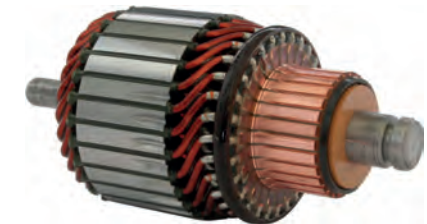
Manufacturer: Bosch

Replacing: 1004011243, 1004011216

Servicing: 0001115042, 0001115056, 0001115057, 0001115082, 0001115083, 0001115102, 0001115103, 0001115110, 0001123004, 0001123005

12 V, 1.4/1.7 kW, Shaft length 145.50, Core thickness 55.00, No./splines 14, No./teeth 14, Rotation ACR

Alternative no.: 335080



235324 Armature

Manufacturer: Bosch

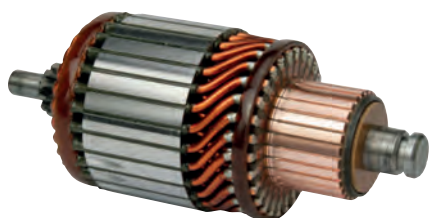
Replacing: 1004011212

Servicing: 0001107401, 0001107404, 0001107405, 0001107408, 0001107411, 0001107415, 0001107423, 0001107424, 0001107426, 0001107429

12 V, 1.1 kW, Shaft length 114.00, Core thickness 52.00, No./teeth 9, Rotation CR

Used w/ gear: HC-CARGO 235025.

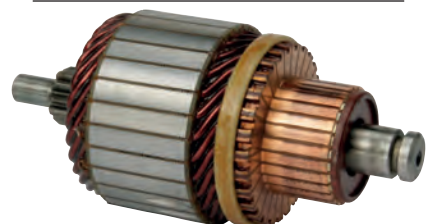
Alternative no.: 335079


238108 Armature

Replacing: 1004011235, 1004011217
 Servicing: 0001108400, 0001108409, 0001108410, 0001108420, 0001108421, 0001108428, 0001108429, 0001108444, 0001108450, 0001108451
 12 V, 1.4 kW, Shaft length 129.00, Core thickness 52.00, No./teeth 11, Rotation CR


239760 Armature

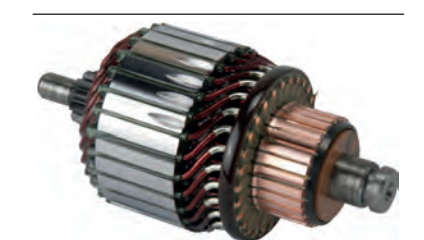
Replacing: 1004011201, 1004011098, 1004011059, 1004011053
 Servicing: 0001110001, 0001110002, 0001110004, 0001110007, 0001110008, 0001110009, 0001110010, 0001110011, 0001110018, 0001110027
 12 V, 1.7/1.8 kW, Shaft length 160.00, Core thickness 59.00, No./teeth 15, Rotation CR/ACR


330084 Armature

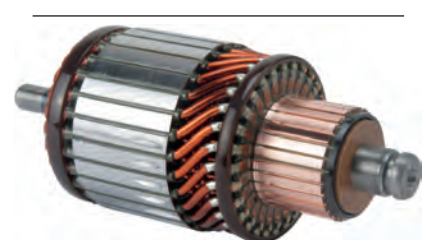
Replacing: 1004011210
 Servicing: 0001107402, 0001107403, 0001107406, 0001107407, 0001107409, 0001107410, 0001107417, 0001107418, 0001107421, 0001107422
 12 V, 1.2 kW, Shaft length 114.00, Core thickness 52.00, No./teeth 11, Rotation CR
 Alternative no.: F032330084


330493 ★ Armature

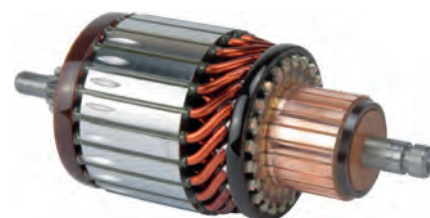
Manufacturer: Bosch
 Replacing: 1004011316, 1004011226
 Servicing: 0001138001, 0001138002, 0001138003, 0001138004, 0001138011, 0001138012, 0001138013, 0001138014, 0001138015, 0001138016
 12 V, 1.7 kW, Shaft length 138.19, Core thickness 51.95, No./teeth 14, Rotation CR


333098 ★ Armature

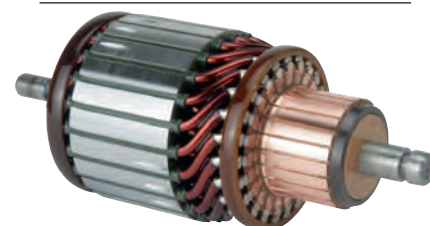
Manufacturer: Bosch
 Replacing: 1004011214
 Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120409
 12 V, 0.9 kW, Shaft length 107.40, Core thickness 52.00, No./teeth 11, Rotation ACR


333360 ★ Armature

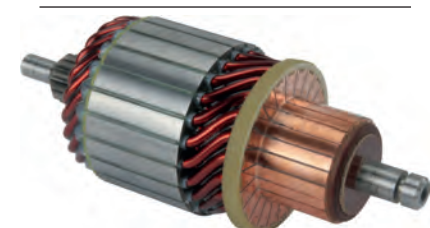
Manufacturer: Bosch
 Replacing: 1004011215
 Servicing: 0001108401, 0001108402, 0001108403, 0001108404, 0001108405, 0001108406, 0001108408, 0001108411, 0001108412, 0001108415
 12 V, 1.4 kW, Shaft length 128.70, Core thickness 51.90, No./splines 9, No./teeth 9, Rotation CR


333411 ★ Armature

Manufacturer: Bosch
 Replacing: 1004011315, 1004011208
 Servicing: 0001109205, 0001109324, 0001109328, 0001109329, 0001109387, 0001109388, 0001109391, 0001109392
 12 V, Shaft length 149.00, Core thickness 59.00, No./teeth 11
 Alternative no.: 230371


333412 ★ Armature

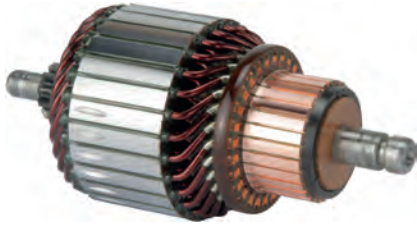
Manufacturer: Bosch
 Replacing: 1004011319, 1004011224, 1004011090
 Servicing: 0001109069, 0001109070, 0001109262, 0001109263, 0001109271, 0001109272, 0001109273, 0001109274, 0001109280, 0001109281
 12 V, 2.3 kW, Shaft length 149.00, Core thickness 59.00, No./teeth 9, Rotation CR
 Alternative no.: 139704


333424 Armature

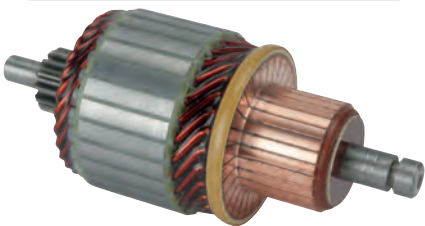
Replacing: 1004011263
 Servicing: 0001115078, 0001115079, 0001115104, 0001115105, 0001115114, 0001115115
 12 V, Shaft length 145.90, Core thickness 55.10, No./teeth 11



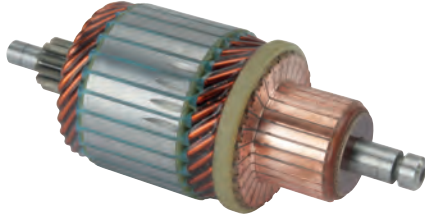
333534 Armature
 Manufacturer: Bosch
 Replacing: 1004011268, 1004011220
 Servicing: 0001109300, 0001109315,
 0001109422, 0001125609, 0001125610
 12 V, Shaft length 149.00,
 Core thickness 59.00, No./teeth 13
 Alternative no.: 333625



333588 Armature
 Manufacturer: Bosch
 Replacing: 1004011086, 1004011068,
 1004011062, 1004011042, 1004011039
 Servicing: 0001107003, 0001107004,
 0001107005, 0001107006, 0001107007,
 0001107008, 0001107009, 0001107012,
 0001107013, 0001107014
 12 V, 1.1 kW, Shaft length 123.00,
 Core thickness 55.00, No./teeth 11,
 Rotation CR/ACR
 Alternative no.: 134514



333770 Armature
 Replacing: 1004011245
 Servicing: 0001137001, 0001137002,
 0001137003, 0001137004, 0001137005,
 0001137006, 0001137011, 0001137012
 Shaft length 125.80,
 Core thickness 52.00, No./teeth 14



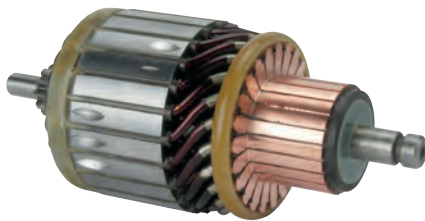
333774 Armature
 Replacing: 1004011317
 Servicing: 0001138009, 0001138010,
 0001138039, 0001138040, 0001142001,
 0001142002, 0001142003, 0001142004,
 0001142005, 0001142006
 12 V, Shaft length 138.50,
 Core thickness 52.00, No./teeth 11

NEW PRODUCT
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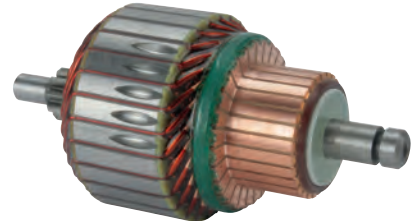
333775 Armature
 Replacing: 1004011325
 Servicing: 0001179500, 0001179501,
 0001179502, 0001179503, 0001179504,
 0001179505, 0001179506, 0001179507
 Shaft length 111.10,
 Core thickness 52.00, No./splines 18

NEW PRODUCT
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334071* Armature
 Replacing: 2004015003
 Servicing: 0001260001
 12 V, 2 kW, Shaft length 145.50,
 Core thickness 49.70, No./teeth 16,
 Rotation CR



334199 Armature
 Replacing: 1004011225
 Servicing: 0001125519, 0001125520,
 0001125521, 0001125522
 12 V, Shaft length 143.00,
 Core thickness 59.00, No./teeth 11,
 Rotation CR



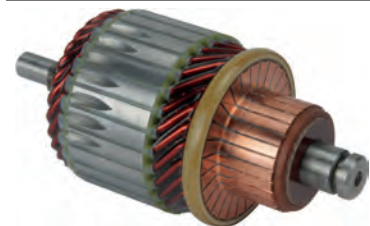
335077 Armature
 Replacing: 1004011089
 Servicing: 0001106012, 0001106016,
 0001106017, 0001106018, 0001106022,
 0001106023, 0001106024, F000AL0101
 12 V, 0.9 kW, Shaft length 115.50,
 Core thickness 55.00, No./teeth 9,
 Rotation CR/ACR

Alternative no.: 231065



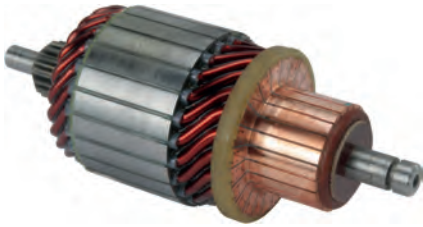
335078 Armature
 Replacing: 1004011218, 1004011205,
 1004011202, 1004011080
 Servicing: 0001110126, 0001110127,
 0001110128, 0001110129, 0001110136,
 0001110137, 0001110138, 0001110139,
 0001124011, 0001124012
 12 V, 1.8 kW, Shaft length 160.00,
 Core thickness 59.00, No./teeth 16,
 Rotation CR/ACR

Alternative no.: 139404



335079 Armature
 Replacing: 1004011212
 Servicing: 0001107401, 0001107408,
 0001107425, 0001107426, 0001107429,
 0001107433, 0001107434, 0001107437,
 0001107438, 0001107439
 12 V, 1.1 kW, Shaft length 114.00,
 Core thickness 52.00, No./splines 9,
 Rotation CR

Alternative no.: 235324

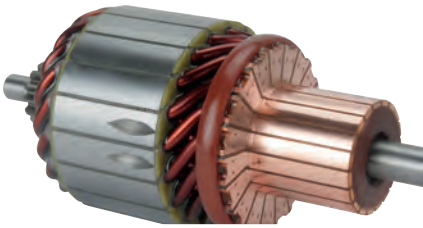

335080 Armature

Replacing: 1004011243, 1004011216

Servicing: 0001115110, 0001123012, 0001123013, 0001123014, 0001123015, 0001123017, 0001123018, 0001123019, 0001123020, 0001123021

12 V, 1.4/1.7 kW, Shaft length 145.50, Core thickness 55.00, No./splines 14, Rotation ACR

Alternative no.: 235212


335081 Armature

Replacing: 6033AD1104, 6033AD1061, 6033AD0446

Servicing: 0001223013, 0001223014

12 V, 2.3 kW, Shaft length 140.30, Core thickness 58.00, No./teeth 14

Alternative no.: 233698

NEW PRODUCT
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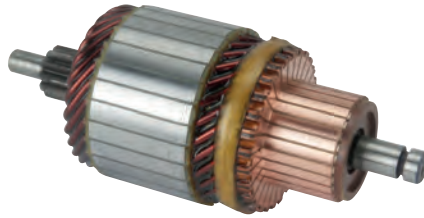
335083 Armature

Replacing: 1004011082

Servicing: 0001125501, 0001125502, 0001125503, 0001125504, 0001125507, 0001125508, 0001125511, 0001125512, 0001125513, 0001125514

12 V, 2 kW, Shaft length 143.00, Core thickness 59.00, No./teeth 16, Rotation CR

Alternative no.: 139703


335177 Armature

Replacing: 1004011203, 1004011077, 1004011070, 1004011065, 1004011051, 1004011034, 1004011032, 1004011026

Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108009, 0001108010, 0001108011, 0001108012, 0001108018, 0001108020

12 V, 1.1/1.8 kW, Shaft length 136.00, Core thickness 55.00, No./teeth 11, Rotation CR/ACR

Alternative no.: 132816

18 V

137286 Armature

Servicing: 0001359120, 0001360002, 0001360004, 0001360005, 0001360007, 0001360008, 0001360015, 0001360016, 0001360017, 0001360018

18 V, 4 kW, Shaft length 334.00, Core thickness 75.00, No./splines 10, Rotation CR

24 V: HC-CARGO 130119.


137287 Armature

Servicing: 0001368001, 0001368002, 0001368003, 0001368004, 0001368005, 0001368006, 0001368007, 0001368008, 0001368009, 0001368010

18 V, 4 kW, Shaft length 337.00, Core thickness 75.00, No./splines 10, Rotation CR

24 V: HC-CARGO 131309.

24 V

130119 Armature

Replacing: 2004004111, 2004004062

Servicing: 0001360002, 0001360004, 0001360005, 0001360007, 0001360008, 0001360009, 0001360010, 0001360012, 0001360013, 0001360014

24 V, 4 kW, Shaft length 333.00, Core thickness 75.00, No./splines 10, Rotation CR

18 V: HC-CARGO 137286.


130120 Armature

Replacing: 2004005153, 2004005073, 2004005046, 2004005037, 2004005022, 2004005002

Servicing: 0001414001, 0001414002, 0001414003, 0001414004, 0001414005, 0001414006, 0001414007, 0001414008, 0001414009, 0001414010

24 V, 5 kW, Shaft length 235.00, Core thickness 83.00

Clutch housing: HC-CARGO 231369.


130320 Armature

Replacing: 2004005151, 2004005071, 2004005025

Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025

 24 V, 5.5 kW, Shaft length 270.00, Core thickness 83.00, Rotation CR
 Clutch housing: HC-CARGO 231369.



131116 Armature

Replacing: 2004014928, 2004004968, 2004004928, 2004004128, 2004004115

Servicing: 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364106, 0001364108, 0001364200, 0001364201

24 V, 4.8 kW, Shaft length 366.00, Core thickness 75.00, No./splines 10, Rotation CR



131124 Armature

Replacing: 2004336099, 2004004114, 2004004067

Servicing: 0001360023, 0001360025, 0001360036, 0001360040

24 V, 4 kW, Shaft length 340.00, Core thickness 75.00, No./splines 10, Rotation CR

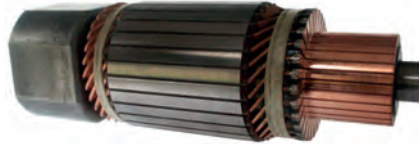


131309 Armature

Replacing: 2004014975, 2004014075, 2004004038, 2004004036, 2004004035, 2004004033, 2004004032

Servicing: 0001367301, 0001368001, 0001368002, 0001368003, 0001368004, 0001368005, 0001368006, 0001368007, 0001368008, 0001368009

24 V, 4 kW, Shaft length 337.00, Core thickness 75.00, No./splines 10, Rotation CR
18 V: HC-CARGO 137287.



131311 Armature

Manufacturer: Remy

Replacing: 2004005024, 2004005023

Servicing: 0001417001, 0001417002, 0001417005, 0001417006, 0001417007, 0001417008, 0001417012, 0001417013, 0001417014, 0001417015

24 V, 6.6 kW, Shaft length 256.00, Core thickness 83.00, Rotation CR
Clutch housing: HC-CARGO 231369.



131379 Armature

Replacing: 2004014972, 2004004118

Servicing: 0001108025, 0001363101, 0001363104, 0001363105, 0001363107, 0001363108, 0001363109, 0001363110, 0001363111, 0001363112

24 V, 2.6/3.2 kW, Shaft length 290.00, Core thickness 75.00, No./splines 10, Rotation CR

Alternative no.: F032131379



131666 Armature

Replacing: 2004006101, 2004006091

Servicing: 0001510001, 0001510002, 0001510003, 0001510004, 0001510005, 0001510006, 0001510008, 0001510009, 0001510010, 0001510011

24 V, 9 kW, Shaft length 315.00, Core thickness 100.00

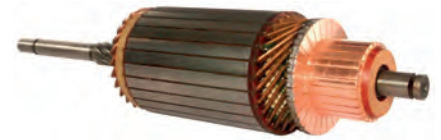


132904 Armature

Replacing: 2007010061, 2007010059, 2004005918, 2004005907, 2004005906, 2004005061, 2004005004, 2004005003

Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010

24 V, 7.5 kW, Shaft length 428.50, Core thickness 85.00, No./splines 19, Rotation CR/ACR

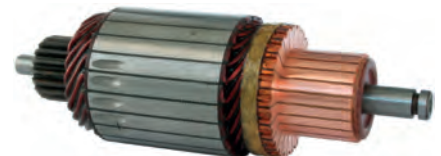


136998 Armature

Replacing: 2004004925, 2004004100

Servicing: 0001364300, 0001364301, 0001364400, 0001364402, B001841010, B001841012

24 V, 4.8/5.2 kW, Shaft length 355.00, Core thickness 75.00, No./splines 10, Rotation CR



138254 Armature

Replacing: 9003334024

Servicing: 0001219001, 0001219002, 0001219003, 0001219004, 0001219005, 0001219006, 0001219007, 0001219008, 0001219009, 0001219010

24 V, 2.5 kW, Shaft length 158.00, Core thickness 50.00, No./teeth 18

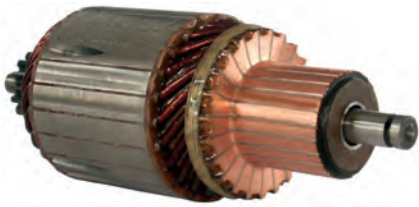


138849 Armature

Replacing: 9001083498

Servicing: 9000083043, 9000083045, 9000083063, 9000083064, 9000083065, 9000083066, 9000083068, 9000083073, 9000083076, 9000453075

24 V, 4 kW, Shaft length 329.00, Core thickness 73.00, No./splines 10, Rotation CR


139657 Armature

Replacing: 9003334039, 6033AD4080, 6033AD4013, 6033AD0285

Servicing: 0001231001, 0001231002, 0001231003, 0001231004, 0001231005, 0001231006, 0001231007, 0001231008, 0001231009, 0001231010

24 V, 4 kW, Shaft length 169.00, Core thickness 60.00, No./teeth 16, Rotation CR

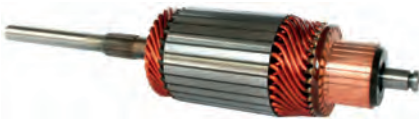
Alternative no.: 333496


231272 Armature

Replacing: 2004014028

Servicing: 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012, 0001371013, 0001371014

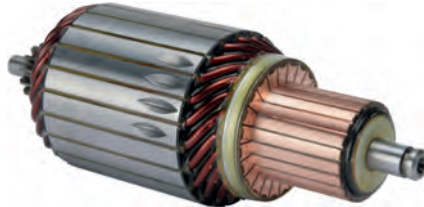
24 V, 6.7 kW, Shaft length 394.00, Core thickness 75.00, No./teeth 19, Rotation CR


231493 Armature

Replacing: 2004014034

Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, OAA137200B, OAA137200F

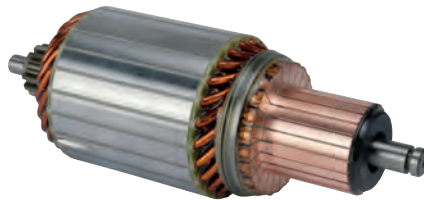
24 V, 6.2 kW, Shaft length 370.00, Core thickness 75.00, No./teeth 19, Rotation CR


237748 Armature

Replacing: 6033AD5148

Servicing: 0001241003, 0001241004, 0001241005, 0001241006, 0001241007, 0001241014, 0001241015

24 V, 5.5 kW, Shaft length 174.20, Core thickness 59.95, No./teeth 13, Rotation CR


239092 Armature

Replacing: 6033AD5025

Servicing: 0001241001, 0001241008, 0001241012, 0001241016, 0001241019, 0001241020, 0001241021, 0001241022, 0001241023, 0001241024

24 V, 5.5 kW, Shaft length 174.20, Core thickness 59.95, No./teeth 13

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239101 Armature

Replacing: 20041014091, 2004014090

Servicing: 0001330001, 0001330003, 0001330004, 0001330005, 0001330006, 0001330007, 0001330008, 0001330011, 0001330012, 0001330013

24 V, 6 kW, Shaft length 159.50, Core thickness 75.00, No./splines 15


333410 Armature

Manufacturer: Bosch

Replacing: 2004015007

Servicing: 0001261026, 0001261027, 0001261028, 0001261041, 0001261044, 0001261045, 0001261069

24 V, Shaft length 179.60, Core thickness 60.00, No./teeth 13


333496 Armature

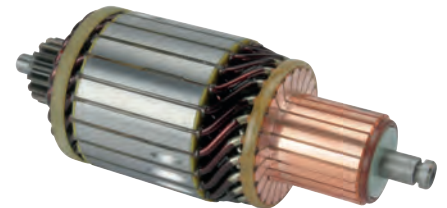
Manufacturer: Bosch

Replacing: 9003334039, 6033AD4080, 6033AD4013, 6033AD0285

Servicing: 0001231001, 0001231002, 0001231006, 0001231008, 0001231010, 0001231011, 0001231012, 0001231013, 0001231014, 0001231016

24 V, 4 kW, Shaft length 169.00, Core thickness 60.00, No./teeth 16, Rotation CR

Alternative no.: 139657


333771 Armature

Replacing: 2004015010, 2004015004

Servicing: 0001263001, 0001263002, 0001263003, 0001263004, 0001263005, 0001263006, 0001263008, 0001263010, 0001263012, 0001263014

Shaft length 168.20, Core thickness 60.00, No./splines 16, No./teeth 16

Armature Parts
Various

Pkg. 10


138769 Brake Washer

ID 12.80, OD 23.00, Thickness 1.00

Pkg. 10


138770 Brake Washer

Servicing: 0001116006, 0001116009, F000AL0321
 ID 12.50, OD 31.00, Thickness 2.00



B134571# Commutator

Replacing: B134571

Bar dist. 2.50, Bar cross dist. 36.30, ID 14.75, ID/bar lane 35.50, OD 57.25, Bar length 10.80, Height/bar 6.35, Height/bar lane 20.80, Total height 30.30, No./bars 23



B134578# Commutator

Replacing: B134578

Bar dist. 3.00, Bar cross dist. 53.20, ID 22.10, ID/bar lane 51.00, OD 77.00, Bar length 11.60, Height/bar 7.15, Height/bar lane 42.15, Total height 56.00, No./bars 29



B134581# Commutator

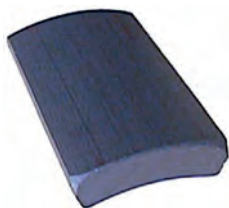
Replacing: B134581

Bar dist. 2.00, Bar cross dist. 34.35, ID 15.20, ID/bar lane 34.00, OD 42.20, Bar length 4.15, Height/bar 5.50, Height/bar lane 18.75, Total height 28.30, No./bars 19

Yokes

Yoke Parts

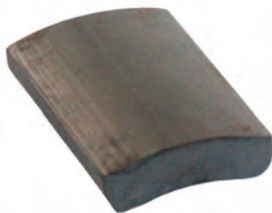
Magnets



Pkg. 4

134439 Magnet

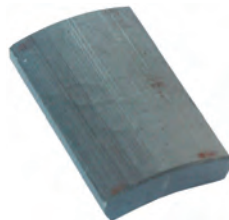
Length 42.00, Height 6.95, Width 25.20, Non magnetized.



134896 Magnet (south)

Servicing: 0001107080, 0001108202, 0001108222, 0001108240, 0001121018, 0001121019, 0001121023, 0001121024, 0001121025, 0001138011

Length 42.20, Height 8.20, Width 25.15, Pole type South

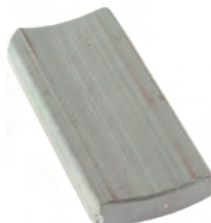


134897 Magnet (North)

Servicing: 0001107080, 0001108202, 0001108222, 0001108240, 0001121018, 0001121019, 0001121023, 0001121024, 0001121025, 0001138011

Length 42.15, Height 6.85, Width 25.15, Pole type North

Pkg. 10



134905# Magnet

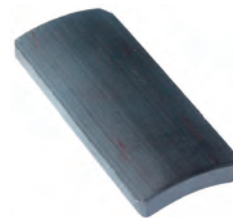
Length 60.20, Height 6.80, Width 26.75, Non magnetized.

Pkg. 10



134906# Magnet

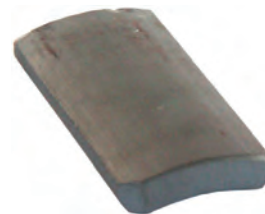
Length 59.40, Height 6.75, Width 25.40, Non magnetized.



135221 Magnet (north)

Servicing: 0001124015

Length 60.25, Height 7.00, Width 26.75, Pole type North



135222 Magnet (south)

Servicing: 0001124015

Length 60.20, Height 8.00, Width 26.75, Pole type South



135223 Magnet (south)

Servicing: 0001124020, 0001124021

Length 59.60, Height 8.00, Width 25.40, Pole type South



135224 Magnet (north)

Servicing: 0001124020, 0001124021

Length 59.45, Height 6.70, Width 25.45, Pole type North



230206 Magnet (south)

Servicing: 0001109069, 0001115015, 0001115046, 0001123001

Length 51.55, Height 7.00, Width 25.35, Pole type South


230207 Magnet (north)

 Servicing: 0001109069, 0001115015,
0001115046, 0001123001

 Length 51.65, Height 7.20, Width 25.60,
Pole type North

230209 Magnet (south)

 Servicing: 0001105205, 0001109325,
0001109389, 0001125016, 0001125017,
0001125519, 0001125520

 Length 51.55, Height 7.10, Width 27.10,
Pole type South

230210 Magnet (north)

 Servicing: 0001105205, 0001109325,
0001109389, 0001125016, 0001125017,
0001125519, 0001125520

 Length 51.60, Height 6.70, Width 26.80,
Pole type North

Yokes w/ magnets
12 V

137168 Yoke

Manufacturer: Bosch

Replacing: 1005001912

 Servicing: 0001110003, 0001110016,
0001110017, 0001110026, 0001110028,
0001110029, 0001110030, 0001110039,
0001110040, 0001110041

 12 V, 1.7/1.8 kW, OD/middle 78.00,
Length 135.00, Brush gear w/o,
Magnets w/

137169 Yoke

 Replacing: 1005001937, 1005001924,
1005001915

 Servicing: 0001108001, 0001108002,
0001108003, 0001108009, 0001108010,
0001108018, 0001108026, 0001108027,
0001108042, 0001108054

 12 V, 1.4 kW, OD/middle 74.00,
Length 112.55, Brush gear w/o,
Magnets w/

137308 Yoke

Manufacturer: Bosch

 Replacing: F00MAL1149, F00AL1027,
1005001953

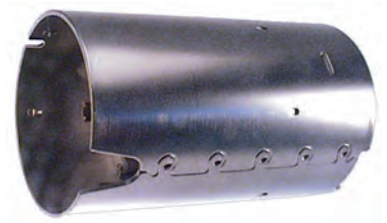
 Servicing: 0001112021, 0001112022,
0001113001, 0001113002, 0001113003,
0001113004, 0001113005, 0001113006,
0001113007, 0001113008

 12 V, 0.8/0.9 kW, OD/middle 78.50,
Length 99.65, Brush gear w/o,
Magnets w/

137619 Yoke

Replacing: 1005001931, 1005001923

 Servicing: 0001107009, 0001107012,
0001107013, 0001107015, 0001107019,
0001107025, 0001107026, 0001107030,
0001107033, 0001107034

 12 V, 1/1.2 kW, OD/middle 74.00,
Length 98.60, Brush gear w/o,
Magnets w/

137620 Yoke

Replacing: 1005001997, 1005001934

 Servicing: 0001123003, 0001124001,
0001124002, 0001124003, 0001124004,
0001124005, 0001124006, 0001124007,
0001124008, 0001124011

 12 V, 1.8 kW, OD/middle 78.00,
Length 135.00, Brush gear w/o,
Magnets w/

137621 Yoke

Manufacturer: Bosch

Replacing: 9001081020, 1005001950

 Servicing: 0001112005, 0001112006,
0001112007, 0001112008, 0001112009,
0001112012, 0001112013, 0001112014,
0001112015, 0001112016

 12 V, 0.9 kW, OD/middle 78.25,
Length 99.45, Brush gear w/o,
Magnets w/

137622 Yoke

Manufacturer: Bosch

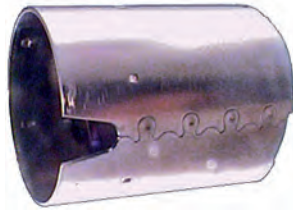
Replacing: 1005001976, 1005001949

 Servicing: 0001125001, 0001125002,
0001125003, 0001125004, 0001125005,
0001125006, 0001125007, 0001125008,
0001125009, 0001125010

 12 V, 1.8/2 kW, OD/middle 78.20,
Length 124.60, Brush gear w/o,
Magnets w/



137729 Yoke
 Manufacturer: Bosch
 Replacing: 1005001978, 1005001905
 Servicing: 0001110003, 0001110004, 0001110005, 0001110007, 0001110008, 0001110011, 0001110012, 0001110013, 0001110019, 0001110022
 12 V, 1.7/1.8 kW, OD/middle 79.00, Length 135.00, Brush gear w/o, Magnets w/



137919 Yoke
 Manufacturer: Bosch
 Replacing: 9001081095, 1005001952
 Servicing: 0001112003, 0001112004, 0001112034, 0001112036, 0001112038, 0001112039, 9000081010, B001180008, B001180041, F000AL0401
 12 V, 0.9 kW, OD/middle 78.50, Length 99.55, Brush gear w/o, Magnets w/



139574 Yoke
 Replacing: 1005851066, 1005001946, 1005001832
 Servicing: 0001107038, 0001115001, 0001115002, 0001115005, 0001115006, 0001115007, 0001115008, 0001115009, 0001115012, 0001115015
 12 V, 1.7 kW, OD/middle 74.00, Length 120.00, Brush gear w/o, Magnets w/



137896 Yoke
 Replacing: 1005001982, 1005001925
 Servicing: 0001107014, 0001107015, 0001107016, 0001107017, 0001107018, 0001107027, 0001107028, 0001107029, 0001107031, 0001107032
 12 V, 1.1 kW, OD/middle 74.40, Length 98.70, Brush gear w/o, Magnets w/



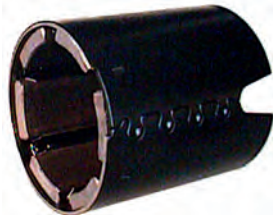
138323 Yoke
 Manufacturer: Bosch
 Replacing: 1005001942
 Servicing: 0001109014, 0001109017, 0001109021, 0001109022, 0001109025, 0001109030, 0001109031, 0001109033, 0001109035, 0001109036
 12 V, 1.6/2/2.1 kW, OD/middle 78.20, Length 124.60, Brush gear w/o, Magnets w/



230076 Yoke
 Manufacturer: Bosch
 Replacing: 1005001921, 1005001902
 Servicing: 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107020, 0001107021, 0001107022, 0001107023
 12 V, 1.1 kW, OD/middle 74.00, Length 98.50, Brush gear w/o, Magnets w/



137897 Yoke
 Manufacturer: Bosch
 Replacing: 1005001948, 1005001943, 1005001843, 1005001826
 Servicing: 0001105205, 0001109015, 0001109018, 0001109026, 0001109028, 0001109034, 0001109040, 0001109052, 0001109055, 0001109057
 12 V, 1.8/2 kW, OD/middle 78.25, Length 124.65, Brush gear w/o, Magnets w/



139551[#] Yoke
 Replacing: 1005001962
 Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008, 0001116009
 12 V, 0.7 kW, OD/middle 78.00, Length 89.00, Brush gear w/o, Magnets w/



230231 Yoke
 Replacing: 1005001938, 1005001878
 Servicing: 0001110104, 0001110110, 0001110122, 0001110123, 0001110126, 0001110127, 0001110128, 0001110129, 0001110132, 0001110136
 12 V, 1.8 kW, OD/middle 78.00, Length 135.15, Brush gear w/o, Magnets w/


230232 5★ Yoke

Manufacturer: Bosch
Replacing: 1005001980

Servicing: 0001125501, 0001125502, 0001125503, 0001125504, 0001125507, 0001125508, 0001125511, 0001125512, 0001125513, 0001125514

12 V, 2 kW, OD/middle 78.30, Length 119.55, Brush gear w/o, Magnets w/


230233 5★ Yoke

Manufacturer: Bosch
Replacing: 1005001981

Servicing: 0001121006, 0001121007, 0001121008, 0001121009, 0001121010, 0001121011, 0001121016, 0001121017, 0001121018, 0001121019

12 V, 1.1 kW, OD/middle 74.00, Length 98.55, Rotation ACR, Brush gear w/o, Magnets w/


231642 5★ Yoke

Manufacturer: Bosch
Replacing: 1005001990, 1005001987

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023, 0001106024

12 V, 0.9/1 kW, OD/middle 74.00, Length 90.95, Brush gear w/o, Magnets w/


233572 5★ Yoke

Manufacturer: Bosch
Replacing: 1005001999, 1005001812

Servicing: 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107408, 0001107409, 0001107410

12 V, 1.1 kW, OD/middle 70.00, Length 93.85, Brush gear w/o, Magnets w/


233663 Yoke

Replacing: 1005001904
Servicing: 0001110001, 0001110002, 0001110009, 0001110010, 0001110014, 0001110015, 0001110018, 0001110031, 0001110032, 0001110033

12 V, 1.7/1.8 kW, OD/middle 79.55, Length 135.00, Brush gear w/o, Magnets w/


234735 5★ Yoke

Manufacturer: Bosch
Replacing: 1005001947, 1005001940

Servicing: 0001108080, 0001108114, 0001108121, 0001108123, 0001108125, 0001108128, 0001108134, 0001108135, 0001108139, 0001108140

12 V, 1.4 kW, OD/middle 74.00, Length 112.55, Brush gear w/o, Magnets w/


235572 5★ Yoke

Manufacturer: Bosch
Replacing: 1005001808

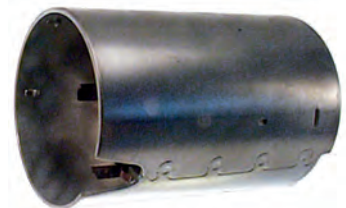
Servicing: 0001109250, 0001109252, 0001109253, 0001109256, 0001109258, 0001109259, 0001109260, 0001109261, 0001109262, 0001109263
12 V, 2.2 kW, OD/middle 78.40, Length 124.57, Magnets w/


333418 Yoke

Replacing: 1005001191
Servicing: 0001109028, 0001109063, 0001109068, 0001109070, 0001109205, 0001109340, 0001109341, 0001109387, 0001109388, 0001109389
12 V, OD/middle 78.20, Length 124.60, Magnets w/


333421 Yoke

Replacing: 1005001853
Servicing: 0001108428, 0001108429
12 V, OD/middle 70.15, Length 109.00, Rotation CR, Brush gear w/o, Magnets w/

24 V

137167 Yoke

Replacing: 1005001903
Servicing: 0001108001, 0001108002, 0001108004, 0001108009, 0001108010, 0001108011, 0001108012, 0001108013, 0001108016, 0001108017
12-24 V, 1.4/1.6 kW, OD/middle 74.20, Length 112.80, Brush gear w/o, Magnets w/



333631 Yoke
Replacing: 6033AD4177

Alternative no.: 333597

Yokes

Yoke Parts

Magnet Gripper

Pkg. 5



138361 Magnet Gripper

Servicing: 0001105205, 0001109069, 0001109325, 0001109389, 0001124015, 0001125519, 0001125520, 0001139015, 0001139016

Total length 61.00, Width 9.55

Pkg. 5



138362 Magnet Gripper

Servicing: 0001106014, 0001106023, 0001107080, 0001107402, 0001107406, 0001107410, 0001107425, 0001107428, 0001107439, 0001107440

Mount. hole 3.28/5.60, ID 7.90, Thickness 5.80

Field Cases



139697 Yoke Assembly/Field Case

Replacing: 6033AD4109, 6033AD4108, 6033AD4107, 6033AD4096, 6033AD4092, 6033AD4064, 6033AD0151, 6033AD0128

Servicing: 0001231001, 0001231002, 0001231003, 0001231004, 0001231005, 0001231006, 0001231007, 0001231008, 0001231009, 0001231010

24 V, 4 kW, OD/middle 95.30, Length 121.00, Brush gear w/

Alternative no.: 333533



230993 Field Case

Manufacturer: Bosch

Replacing: 6033AD1251, 6033AD0225, 6033AD0160, 6033AD0058

Servicing: 0001223002, 0001223004, 0001223008, 0001223016, 0001223021, 0001223022, 0001223104

12 V, 2.3 kW, OD/middle 85.65, Length 96.30, Brush gear w/



231652 Field Case

Manufacturer: Bosch

Replacing: 6033AD1248, 6033AD1110, 6033AD0311

Servicing: 0001223005, 0001223013, 0001223014

12 V, 2.3 kW, OD/middle 85.65, Length 92.20, Brush gear w/



233477 Field Case

Manufacturer: Bosch

Replacing: 6033AD3281, 6033AD3192, 6033AD3191, 6033AD3149, 6033AD3132, 6033AD3019, 6033AD0167, 6033AD0165

Servicing: 0001230001, 0001230002, 0001230003, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010, 0001230011

12 V, 3 kW, OD/middle 113.10, Length 141.95, Brush gear w/
Field case: HC-CARGO 234193.



233922 Field Case

Manufacturer: Bosch

Replacing: 6033AD1245, 6033AD0162, 6033AD0007

Servicing: 0001223001, 0001223002, 0001223003, 0001223007, 0001223010, 0001223011, 0001223012, 0001223018, 0001223019, 0001223024

12 V, 2.3 kW, OD/middle 85.70, Length 98.90, Brush gear w/

Brush gear: HC-CARGO 231648. Brush set: HC-CARGO BSX192-1934.



234392 Field Case

Manufacturer: Bosch

Replacing: 6033AD1254, 6033AD1109, 6033AD0209

Servicing: 0001223005, 0001223006, 0001223013

12 V, 2.3 kW, OD/middle 85.65, Length 93.95, Brush gear w/, Magnets w/


330031 Field Case

Replacing: 6033AD3283

Servicing: 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230014

12 V, 3 kW, OD/middle 95.50, Length 120.70, Rotation CR, Brush gear w/


333417 5★ Field Case

Manufacturer: Bosch

Replacing: 2005005182

Servicing: 0001261007, 0001261008, 0001261012, 0001261014, 0001261016, 0001261022, 0399504011

24 V, OD/middle 95.25, Length 126.40, Rotation CR


333419 Field Case

Replacing: 6033AD4199

Servicing: 0001231040, 0001231041

24 V, OD/middle 95.00, Length 120.70, Brush gear w/


333420 Field Case

Replacing: 6033AD4156

Servicing: 0001231036

24 V, OD/middle 95.00, Length 120.70, Brush gear w/


333533 5★ Field Case

Manufacturer: Bosch

Replacing: 6033AD4109, 6033AD4108, 6033AD4107, 6033AD4096, 6033AD4092, 6033AD4064, 6033AD0151, 6033AD0128

Servicing: 0001231008, 0001231013, 0001231014, 0001231017, 0001231018, 0001231019, 0001231023, 0001231026, 0001231027, 0001231028

24 V, OD/middle 95.30, Length 120.70, Brush gear w/

Alternative no.: 139697


333597 5★ Field Case

Manufacturer: Bosch

Replacing: 6033AD4177

Servicing: 0001231016, 0001231033, 0001231146

OD/middle 95.30, Length 120.70, Brush gear w/

Alternative no.: 333631

Field Houses

234054# Field House

 Servicing: 0001218172, 0001218173
Length 77.00

234193 Field House

 Servicing: 0001367005, 0001367017, 0001367034, 0001367059, 0001367077, 0001367300, 0001367301, 0001367303, 0001368311
Length 142.00

234508# Field House

Servicing: 0001364400

OD/middle 116.00, Length 157.00, Brush gear w/o


234509# Field House

Servicing: 0001369023

OD/middle 116.00, Length 127.00


235134# Field House

Servicing: 0001360061, 0001360063

OD/middle 113.00, Length 137.00, Brush gear w/o


235423# Field House

Servicing: 0001218116, 0001218117, 0001218125, 0001218153, 0001218158, 0001218159, 0001218175, 0001218177, 0001218725

OD/middle 93.50, Length 75.00

Field House Parts

Pole Shoes

Pkg. 10



234196# Pole Shoe

Servicing: 0001368311, 0001372006
Length 84.00, Thread size M10,
Height 15.20, Width 40.00



234197# Pole Shoe

Length 99.60, Thread size M10,
Height 15.75, Width 41.15

Field Coils

12 V



130065 Field Coil

Replacing: 1004112548, 1004112542,
1004112540, 1004112535, 1004112532
Servicing: 0001211204, 0001211205, 0001211206,
0001211207, 0001211208, 0001211209, 0001211210,
0001211213, 0001211214, 0001211215
12 V, 0.8 kW



130124 Field Coil

Replacing: 2004112004, 1004112537
Servicing: 0001211200, 0001211201, 0001211221,
0001211222, 0001211241, 0001211992,
0001211993, 0001212208, 0001212209, 9000692062
12 V, 0.8 kW, Height 75.40,
Width 197.00, Internal height 40.50,
Inner width 26.70, Rotation ACR



130128 Field Coil

Manufacturer: Bosch
Replacing: 2004114169
Servicing: 0001359002, 0001359003, 0001359021,
0001359031, 0001359033, 0001359035,
0001359038, 0001359049, 0001359050, 0001359053
12 V, 3 kW, Height 133.50, Width 275.60,
Internal height 85.60, Inner width 32.50



130323 Field Coil

Replacing: 2004105017, 2004105015, 2004105012
Servicing: 0001400016, 0001401007, 0001401011,
0001401012, 0001401019, 0001401023,
0001401026, 0001401027, 0001401028, 0001401044
12 V, 3 kW, Height 115.85,
Internal height 73.60, Inner width 28.60



130325 Field Coil

Replacing: 2004115043, 2004115042,
2004115041, 2004115040
Servicing: 0001401007, 0001401011, 0001401012,
0001401019, 0001401023, 0001401026,
0001401027, 0001401028, 0001401044, 0001401045
12 V, 3 kW, Height 116.00,
Internal height 71.25, Inner width 28.65



131134 Field Coil

Manufacturer: Bosch
Replacing: 2004114297, 2004114291,
2004114137, 2004114060
Servicing: 0001367001, 0001367002, 0001367003,
0001367004, 0001367005, 0001367006,
0001367007, 0001367008, 0001367009, 0001367010
12 V, 3 kW, Height 128.30,
Internal height 87.00, Inner width 32.25



131313 Field Coil

Replacing: 2004114298, 2004114289,
2004114241, 2004114189, 2004114188,
2004114177, 2004114148, 2004114146
Servicing: 0001362005, 0001362006, 0001362034,
0001362035, 0001362036, 0001362037,
0001362038, 0001362039, 0001362040, 0001362041
12 V, 1.9/2.2/2.4 kW, Height 112.25,
Internal height 71.65, Inner width 32.60



131314 Field Coil

Replacing: 2004114145, 2004114143, 2004114085
Servicing: 0001362092, 0001362300, 0001362301,
0001362302, 0001362303, 0001362304,
0001362305, 0001362306, 0001362307, 0001362308
12 V, 2.3/2.7 kW, Height 113.55,
Internal height 72.85, Inner width 33.00



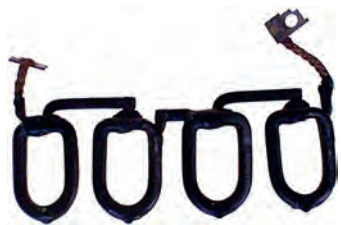
131674# Field Coil

Replacing: 1004112567
Servicing: 0001208204, 0001208220, 0001208232,
9000082051, 9000333118, 9000333119, B001208261
12 V, 0.85 kW, Height 73.60,
Internal height 41.00, Inner width 27.00



131677 Field Coil

Replacing: 2004114117, 2004114116, 2004114115,
2004114109, 2004114105, 2004114104, 2004114100
Servicing: 0001354004, 0001354005, 0001354016,
0001354018, 0001354027, 0001354029,
0001354031, 0001354036, 0001354055, 0001354064
12 V, 1.8 kW, Height 107.15,
Internal height 62.00, Inner width 30.00


132144# Field Coil

Replacing: 1004112900

 Servicing: 0001211500, 0001211501, 0001211502, 0001211503, 0001211504, 0001211505, 0001211510, 0001211511, 0001211512, 0001211513
 12 V, 0.8 kW, Height 70.50, Width 196.60, Internal height 41.00, Inner width 26.00

132154 Field Coil

Replacing: 1004113536, 1004113516, 1004113416

 Servicing: 0001312100, 0001312110, 0001314003, 0001314004, 0001314008, 0001314012, 0001314013, 0001314016, 0001314031, 0001314039
 12 V, 1.5 kW, Height 102.65, Internal height 69.20, Inner width 28.10

132356 Field Coil

Replacing: 2004114005, 2004114004

 Servicing: 0001358017, 0001358018, 0001358020, 0001358026, 0001358033, 0001358035, 0001358038, 0001358040, 0001358046, 0001358047
 12 V, 3.2 kW, Height 131.75, Internal height 86.55, Inner width 28.70

132360 Field Coil

Replacing: 2004125089, 2004125087, 2004125086, 2004125085

 Servicing: 0001413001, 0001413002, 0001413003, 0001413004, 0001413005, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010
 12 V, 3.5/3.6 kW, Height 115.00, Internal height 65.60, Inner width 28.00

132585 Field Coil

Replacing: 1004112906

 Servicing: 0001218001, 0001218004, 0001218006, 0001218007, 0001218009, 0001218011, 0001218012, 0001218013, 0001218015, 0001218016
 12 V, 2.2 kW, Height 83.09, Internal height 50.45, Inner width 18.65

133100 Field Coil

Replacing: 1004114547, 1004112547

 Servicing: 0001211223, 0001211224, 0001211241, 0001211251, 0001211252, 0001211253, 0001211254, 0001211255, 0001211256, 0001211257
 12 V, 0.7/0.8 kW, Height 72.65, Internal height 41.00, Inner width 26.90

133101 Field Coil

Replacing: 1004113900, 1004113100

 Servicing: 0001312108, 0001312109, 0001317007, 0001317008, 0001317013, 0001317022, 0001317023, 0001317024, 0001317025, B001329009
 12 V, 1.7 kW, Height 111.55, Internal height 75.00, Inner width 26.00

133184 Field Coil

Replacing: F002G20186, 1004111005, 1004111004, 1004111002

 Servicing: 0001157012, 0001157013, 0001157014, 0001157015, 0001157018, 0001157020, 0001157021, 0001157022, 0001157023, 0001157024
 12 V, 0.7 kW, Height 80.85, Internal height 50.00, Inner width 21.45

133307 Field Coil

Replacing: 1004112904

 Servicing: 0001208510, 0001208515, 0001208517, 0001208526, 0001208528, 0001208717, 9000333114, 9000333117, B001208323, B001208338
 12 V, 0.85 kW, Height 77.30, Width 199.00, Internal height 46.80, Inner width 25.75

134012 Field Coil

Replacing: 1004113537, 1004113535, 1004113519

 Servicing: 0001311042, 0001312101, 0001312103, 0001312104, 0001312105, 0001312106, 0001312107, 0001314002, 0001314005, 0001314014
 12 V, 1.5 kW, Height 104.75, Internal height 68.20, Inner width 28.30

134030# Field Coil

Replacing: 1004112905, 1004112105

 Servicing: 0001208513, 0001208521, 0001208702, 0001208705, 0001208706, 0001208707, 0001208708, 0001208709, 0001208710, 0001208711
 12 V, 0.95 kW, Height 80.75, Internal height 46.90, Inner width 26.20

134091 Field Coil

Replacing: 1004112545

 Servicing: 0001208172, 0001208200, 0001208201, 0001208203, 0001208204, 0001208205, 0001208206, 0001208208, 0001208211, 0001208214
 12 V, 0.85 kW, Height 79.00, Internal height 47.10, Inner width 26.20



134359 Field Coil

Replacing: 1004113552, 1004113522
 Servicing: 0001311100, 0001311101, 0001311103, 0001311104, 0001311105, 0001311106, 0001311107, 0001311108, 0001311109, 0001311110
 12 V, 1.1 kW, Height 95.00,
 Internal height 56.75, Inner width 29.15



134527 Field Coil

Replacing: 9001082568, 1004112564, 1004112553
 Servicing: 0001208213, 0001208411, 0001208412, 0001208414, 0001208415, 0001208416, 0001208417, 0001208418, 0001208419, 0001208425
 12 V, 0.95 kW, Height 81.50,
 Internal height 46.60, Inner width 26.20



136987 Field Coil

Replacing: 2004114178, 2004114149, 2004114147
 Servicing: 0001362010, 0001362058, 0001362085, 0001362094, 0001362099, 0001362104, 0001366003, 0001366005, 0001366006, 0001366010
 12 V, 1.9/2.4 kW, Height 105.20,
 Internal height 71.00, Inner width 32.85



137234 Field Coil

Replacing: 2007010070, 2004114233, 2004114092, 2004114087, 2004114086
 Servicing: 0001369001, 0001369002, 0001369003, 0001369004, 0001369005, 0001369006, 0001369007, 0001369012, 0001369013, 0001369014
 12 V, 3.1 kW, Height 114.20,
 Internal height 72.25, Inner width 32.80



138317 Field Coil

Replacing: 2004114062, 2004114061
 Servicing: 0001367027, 0001367036, 0001367046, 0001367051, 0001367054, 0001367057, 0001367063, 0001367077, 0001367081, B001816041
 12 V, 3.2 kW, Height 129.85,
 Internal height 88.10, Inner width 35.25



230194 Field Coil

Replacing: 1004112519
 Servicing: 0001208006, 0001208014, 0001208017, 0001208048, 0001212002, 0001212003, 0001214002, AL/EEF0.8/12L1
 12 V, 0.8 kW, Height 87.20,
 Internal height 63.25,
 Inner width 22.25, Rotation ACR



232187# Field Coil

Manufacturer: Bosch
 Replacing: F002G20188, 9001140272
 Servicing: 9000141104, 9000334101
 12 V, 0.65 kW, Height 84.20,
 Internal height 53.00,
 Inner width 19.80, Rotation ACR



232625 Field Coil

Servicing: 0001218162, 0001218165
 12 V, 2.2 kW, Height 74.30,
 Internal height 43.20, Inner width 22.45



232627 Field Coil

Servicing: 0001218172, 0001218173
 12 V, 2.2 kW, Height 73.55,
 Internal height 41.50, Inner width 22.20



235664 Field Coil

Replacing: 1004112907
 Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011
 12 V, 2.2 kW, Height 80.00, Width 79.50,
 Internal height 48.95, Inner width 18.95

24 V



130127 Field Coil

Replacing: 2004114168
 Servicing: 0001359101, 0001360004, 0001360005, 0001360010, 0001360012, 0001360014, 0001360020, 0001360022, 0001360023, 0001360026
 24 V, 4 kW, Height 127.00, Width 277.00,
 Internal height 86.50, Inner width 33.00



130130 Field Coil

Manufacturer: Remy
 Replacing: 2004125052, 2004125036, 2004125031, 2004125030, 2004125029, 2004125009, 2004125008, 2004125007
 Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025
 24 V, 5.5/6.5 kW, Height 152.25, Width 308.00,
 Internal height 100.50, Inner width 28.60
 Long.


130131 Field Coil

Manufacturer: Remy

Replacing: 2004125080, 2004125078, 2004125075

Servicing: 0001413017, 0001414001, 0001414002, 0001414003, 0001414004, 0001414005, 0001414006, 0001414007, 0001414008, 0001414009

 24 V, 5 kW, Height 120.50,
Width 307.50, Internal height 65.70,
Inner width 28.40
Short.

130322 Field Coil

Replacing: 2004105020, 2004105009

Servicing: 0001402007, 0001402008, 0001402018, 0001402031, 0001402034, 0001402041, 0001402043, 0001402050, 0001402052, 0001402054

 24 V, 4 kW, Height 114.15,
Internal height 72.25, Inner width 28.40

131074 Field Coil

Replacing: 2004114295, 2004114290, 2004114135, 2004114134, 2004114067, 2004114065

Servicing: 0001368001, 0001368002, 0001368003, 0001368004, 0001368005, 0001368006, 0001368007, 0001368008, 0001368009, 0001368010

 24 V, 4 kW, Height 127.60,
Internal height 86.75, Inner width 33.30

131312 Field Coil

Manufacturer: Remy

Replacing: 2004125083, 2004125076, 2004105048

Servicing: 0001416055, 0001417001, 0001417002, 0001417003, 0001417004, 0001417005, 0001417006, 0001417007, 0001417008, 0001417009

 24 V, 5.4/6.6 kW, Height 138.25,
Internal height 85.20, Inner width 29.40

131341 Field Coil

Replacing: 2004114258

Servicing: 0001108169, 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364106, 0001364108, 0001364200

 24 V, 4.8/5.2 kW, Height 146.65,
Internal height 101.00, Inner width 32.90

132358 Field Coil

Replacing: 2004114186, 2004114185, 2004114180

Servicing: 0001363001, 0001363002, 0001363101

 24 V, 2/2.6 kW, Height 111.00,
Internal height 72.45, Inner width 32.70

132905 Field Coil

Replacing: 2004115013

Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010

 24 V, 7.5 kW, Height 150.80,
Internal height 101.85, Inner width 32.60

138255 Field Coil

Servicing: 0001219001, 0001219005, 0001219006, 0001219007, 0001219008, 0001219009, 0001219011, 0001219012, 0001219014

 24 V, 2.2/2.5 kW, Height 80.15,
Internal height 48.55, Inner width 19.25

138314 Field Coil

Replacing: 2004114234, 2004114066, 2004114064

Servicing: 0001368018, 0001368030, 0001368031, 0001368035, 0001368036, 0001368041, 0001368057, 0001368061, 0001368064, 0001368065

 24 V, 4 kW, Height 127.00,
Internal height 86.15, Inner width 33.65

138318 Field Coil

Replacing: 2004114260

Servicing: 0001364300, 0001364301, 0001364400, 0001364402, B001841010, B001841012

 24 V, 4.8/5.2 kW, Height 142.80,
Internal height 100.45, Inner width 33.00

139587 Field Coil

Replacing: 2004116099

Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019

 24 V, 9 kW, Height 169.45,
Internal height 100.70, Inner width 33.35



139989 5★ Field Coil
 Manufacturer: Bosch
 Replacing: 9003334151
 Servicing: 0001219001, 0001219002, 0001219003, 0001219004, 0001219005, 0001219006, 0001219007, 0001219008, 0001219009, 0001219011
 24 V, 2.2/2.5 kW, Height 77.65, Internal height 49.35, Inner width 19.00
 Field coil: HC-CARGO 138255.



230841 Field Coil
 Replacing: 9001453717, 2004124001
 Servicing: 0001370001, 0001370002, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010
 24 V, 6.7 kW, Height 150.80, Internal height 99.25, Inner width 33.75



231085 Field Coil
 Replacing: 2004124006, 2004124005
 Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, 0AA137200B, 0AA137200F
 24 V, 6.2 kW, Height 129.70, Internal height 86.10, Inner width 31.15

C.E. Brackets



132217 5★ C.E. Bracket
 Manufacturer: Bosch
 Replacing: 2000520057, 2000520055
 Servicing: 0001358200, 0001358201, 0001358202, 0001359002, 0001359003, 0001359008, 0001359010, 0001359012, 0001359014, 0001359016



133488 C.E. Bracket
 Replacing: 2000580160, 2000580127, 2000580121
 Servicing: 0001410015, 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410024, 0001410029, 0001410035, 0001410037



133489 C.E. Bracket
 Replacing: 2005885073, 2005855383, 2005855381, 2005855379, 2005855365, 2005855325, 2005855166, 2005855165
 Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410021, 0001410026, 0001410029, 0001410032, 0001410033, 0001410034
 KI. 30 M10, KI. 31 M10, ID 111.00,
 Double isolation w/o



133490 C.E. Bracket
 Replacing: 2005855382, 2005855372, 2005855366, 2005855326, 2005855174, 2005855173
 Servicing: 0001410019, 0001410022, 0001410024, 0001410037, 0001410047, 0001410049, 0001410050, 0001410051, 0001410064, 0001410068
 KI. 30 M10, KI. 31 M10,
 Double isolation w/



133908 C.E. Bracket
 Replacing: 2005854199, 2005854198, 2005854195, 2005854143, 2005854116, 2005854110, 2005854107, 2005854100
 Servicing: 0001362005, 0001362006, 0001362034, 0001362035, 0001362036, 0001362037, 0001362038, 0001362039, 0001362040, 0001362041
 ID 60.00
 Moulded aluminium.



134440 5★ C.E. Bracket
 Replacing: 2000580103
 Servicing: 0001410053, 0001410063, 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017
 Bosch.



136547# C.E. Bracket
 Replacing: 1005852336
 Servicing: 0001208515, 0001208517, 0001208526, 0001208528, 0001208717, 9000333117, B001208323, B001208338, B001232021
 Double isolation w/o



136558 C.E. Bracket
 Replacing: 2005855373, 2005855371, 2005855333, 2005855331, 2005855276, 2005822333
 Servicing: 0001416010, 0001416044, 0001416045, 0001417037, 0001417059, 0001714059, B001411040, B001450109, B001450127, B001450199
 KI. 30 M12, KI. 31 M10,
 Double isolation w/


136559 C.E. Bracket

Replacing: 2005855378, 2005855377, 2005855368, 2005855338, 2005855306, 2005855299, 2005855298, 2005855297
 Servicing: 0001410024, 0001410065, 0001410088, 0001411007, 0001411009, 0001411017, 0001411025, 0001411026, 0001411027, 0001416002
 KI. 30 M12, KI. 31 M10


137000 C.E. Bracket

Replacing: 2005855376
 Servicing: 0001417065, 0001417069, B001411400
 KI. 30 M12, KI. 31 M12


137985 C.E. Bracket

Replacing: 9001338878
 Servicing: 0001218157, 9000331201, 9000331203
 Double isolation w/o


138924 C.E. Bracket

Manufacturer: Bosch
 Replacing: 1005851097, 1005851069, 1005851008
 Servicing: 0001109011, 0001109012, 0001109023, 0001109029, 0001109044, 0001109047, 0001110001, 0001110002, 0001110009, 0001110010
 Double isolation w/o


139065 C.E. Bracket

Manufacturer: Bosch
 Replacing: 1005853388, 1005853385, 1005853381
 Servicing: 0001310006, 0001310007, 0001310008, 0001310009, 0001310010, 0001310011, 0001310016, 0001310018, 0001310019, 0001310023


139357 C.E. Bracket

Manufacturer: Bosch
 Replacing: F000AL1421, 1005851153, 1005851071, 1005851068, 1005851012, 1005821071, 1005821012
 Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023, 0001106024
 ID 10.00


139547 C.E. Bracket

Manufacturer: Bosch
 Replacing: 1005851095, 1005851093, 1005851070, 1005851042, 1005851010
 Servicing: 00010DB98E, 0001105205, 0001109001, 0001109002, 0001109003, 0001109006, 0001109007, 0001109008, 0001109009, 0001109014
 ID 10.00


230078 C.E. Bracket

Manufacturer: Bosch
 Replacing: F000AL1528, 1005851072, 1005851016
 Servicing: 0001112005, 0001112006, 0001112007, 0001112008, 0001112009, 0001112012, 0001112013, 0001112014, 0001112015, 0001112016


230175 C.E. Bracket

Replacing: 9001140349, 6033AD1267
 Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218007, 0001218008, 0001218010, 0001218011, 0001218012, 0001218013


230616 C.E. Bracket

Manufacturer: Bosch
 Replacing: 2005854207, 2005854149
 Servicing: 0001362092, 0001362096, 0001362700, 0001363120, 0001363122, 0001368068, 0001368073, 0001368312, 9000143602, B001812388
 ID 105.50


230773 C.E. Bracket

Replacing: 1005851151, 1005851073, 1005851014
 Servicing: 0001106016, 0001106020, 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107020, 0001107021


231088 C.E. Bracket

Manufacturer: Bosch
 Replacing: 2005854183, 2005854173
 Servicing: 0001368316, 0001372001, 0001372006, OAA137200B, OAA137200F, OAA137200G, B001960018



231273 C.E. Bracket
 Manufacturer: Bosch
 Replacing: 2005854212, 2005854181
 Servicing: 0001371006, 0001371008



231357 C.E. Bracket
 Manufacturer: Bosch
 Replacing: 6033AD0180, 6033AD0149
 Servicing: 0001230002, 0001230009,
 0001231002, 0001231003, 0001231008,
 0001231011, 0001231012, 0001231016,
 0001231029, 0001231032
 ID 10.00



231650 C.E. Bracket
 Replacing: 6033AD0056
 Servicing: 0001223002, 0001223003,
 0001223004, 0001223005, 0001223007,
 0001223008, 0001223016, 0001223021,
 0001223022, 0001223024
 ID 85.20



233571 C.E. Bracket
 Manufacturer: Bosch
 Replacing: 1005851105
 Servicing: 0001106405, 0001106406,
 0001107401, 0001107402, 0001107403,
 0001107404, 0001107405, 0001107406,
 0001107407, 0001107408
 ID 16.55



234221 C.E. Bracket
 Replacing: 6033AD0175
 Servicing: 0001230006, 0001230014
 ID 82.95



234371 C.E. Bracket
 Replacing: 6033AD0141
 Servicing: 0001231007, 0001231019,
 0001231023, 0001231030, 0001231034,
 0001231119



234395 C.E. Bracket
 Replacing: 6033AD0325
 Servicing: 0001223013
 ID 70.00



234531# C.E. Bracket
 Replacing: 2005854211, 2005854179
 Servicing: 0001371004, 0001371010,
 0001371013, 0001371018, 0001371020,
 0001371120
 ID 103.30



234791 C.E. Bracket
 Manufacturer: Bosch
 Replacing: 6033AD0290, 6033AD0197
 Servicing: 0001123004, 0001231004,
 0001231014



234899 C.E. Bracket
 Manufacturer: Bosch
 Replacing: 6033AD0016
 Servicing: 0001218728, 0001218741,
 0001218768, 0001218774, 0001223001,
 0001223006, 0001223009, 0001223010,
 0001223014
 ID 80.00



235534 C.E. Bracket
 Replacing: 9003338886, 1005852312,
 1005852311, 1005852309
 Servicing: 0001218006, 0001218009,
 0001218021, 0001218026, 0001218028,
 0001218108, 0001218134, 0001218136,
 0001218140, 0001218150



235585 C.E. Bracket
 Manufacturer: Bosch
 Replacing: 6033AD0198
 Servicing: 0001230003, 0001230004,
 0001230005, 0001231009
 ID 83.60


235603 C.E. Bracket

Manufacturer: Bosch

Replacing: 2005854118

Servicing: 0001368008, 0001368046, 0001368048, 0001368064

ID 105.75, Double isolation w/o


235604 C.E. Bracket

Manufacturer: Bosch

Replacing: 2005854145

Servicing: 0001362313, 0001362700, 0001362701, 0001362705, 0001367067, 0001367301, 0001367303, 0001368062, 0001368077, 0001368307

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333750* C.E. Bracket

Replacing: 2005854229, 2005854227

Servicing: 0001330012, 0001330013, 0001330014, 0001330501, 0001330502, 000133E101, 000133F102, 000133F407, 000133F707, 0001340501

D.E. Brackets


132049 D.E. Bracket

Replacing: 2005825226, 2005825186, 2005825169, 2005825087, 2005825083

Servicing: 0001410021, 0001410029, 0001410038, 0001410044, 0001410046, 0001410050, 0001410053, 0001410062, 0001410063, 0001410067


132219 D.E. Bracket

Replacing: 2005834341, 2005824843, 2005824666, 2005824570

Servicing: 0001358048, 0001358050, 0001359043, 0001359084, 0001359107, 0001360022, 0001360037, 0001360052, 0001360065, 0001360222


132220 D.E. Bracket

Replacing: 2005825099

Servicing: 0001410037, 0001415007, 0001415008, 0001417042, 0001417043, 9000084012, 9000084013


132221 D.E. Bracket

Replacing: 2005825218

Servicing: 0001410024, 0001410088, 0001411009, 0001411022, 0001413017, 0001415001, 0001416002, 0001416010, 0001416078, 0001417001


134056# D.E. Bracket

Manufacturer: Bosch

Replacing: 2005834064, 2005824864

Servicing: 0001359118, 0001360061, 0001367026, 0001367073, 0001368017, 0001368063, 0001368074, B001816159, B001816160, B001816394


134058# D.E. Bracket

Replacing: 1005823456

Servicing: 0001317011, 0001317012, 0001317016, 0001317017, B001329013, B001329029


134060 D.E. Bracket

Replacing: 1005821277, 1005821126

Servicing: 0001110013, 0001110019, 0001110043, 0001110064, 0001110088, 0001110104, 0001110105, B001117018, B001117057, B001117070


134116# D.E. Bracket

Replacing: 1007010035, 1005822389

Servicing: 0001208425, 0001208426, 0001208428, 0001208429, 0001211251, 0001211252, 0001211253, 0001211254, B001208256, B001211204


134130 D.E. Bracket

Replacing: 2005834337, 2005834197, 2005834196, 2005824549

Servicing: 0001362016, 0001362034, 0001362091, 0001362305, 0001362313, 0001362703, 0001369014, 0001369024, B001812174, B001812325



134131# D.E. Bracket

Replacing: 1005821231
 Servicing: 0001108054, 0001108065,
 0001108108, 0001108115, B001111158,
 B001111219, B001111349



134134 D.E. Bracket

Replacing: 1005822456
 Servicing: 0001208416, 0001208417,
 0001208418, 0001208419, 0001211257,
 0001211258, B001208243, B001211201



134136 D.E. Bracket

Manufacturer: Bosch
 Replacing: 2005823111
 Servicing: 0001312100, 0001312110,
 B001322002, B001322022



134318 D.E. Bracket

Replacing: 2005824909, 2005824695
 Servicing: 0001359014, 0001359074,
 0001360009, 0001360029, 0001362063,
 0001362300, 0001367001, 0001369016,
 B001812289



134319 D.E. Bracket

Replacing: 2005834747, 2005834027,
 2005824747
 Servicing: 0001359032, 0001359101,
 0001360010, 0001360038, 0001360039,
 0001360057, 0001367033, 0001367038,
 0001367057, 0001367068



134362 D.E. Bracket

Replacing: 2005834311, 2005834073,
 2005824906
 Servicing: 0001359122, 0001360063,
 0001367029, 0001368020, B001816053,
 B001816054



134393# D.E. Bracket

Replacing: 2005834155, 2005824425
 Servicing: 0001359016, 0001359090



134403 D.E. Bracket

Replacing: 2005824738, 2005824579
 Servicing: 0001359051, 0001359089,
 0001360010, 0001360023, 0001360036



134406 D.E. Bracket

Manufacturer: Bosch
 Replacing: 1005821596, 1005821190
 Servicing: 0001110025, 0001110082,
 0001110125, B001117224, B001117297



134435# D.E. Bracket

Replacing: 9002338837
 Servicing: 0001218818, 6033A1J05B,
 9000331406, 9000331421, 9000331424,
 9000331430



134493 D.E. Bracket

Replacing: 2005834325, 2005834009,
 2005824916, 2005824692, 2005824325
 Servicing: 0001359003, 0001359012,
 0001359027, 0001359046, 0001359049,
 0001359073, 0001359078, 0001359105,
 0001360012, 0001360014



134536# D.E. Bracket

Replacing: 2005824780
 Servicing: 0001364102, 0001364200,
 0001364201, 0001364203, 0001364204,
 B001819014, B001819102, B001819202,
 B001819206


134610# D.E. Bracket

Replacing: 1005822396

Servicing: 0001208211, 0001208507, B001208306


134677 D.E. Bracket

Replacing: 1005821299, 1005821285, 1005821055

Servicing: 0001108001, 0001108002, 0001108009, 0001108010, 0001108016, 0001108017, 0001108026, 0001108027, 0001108028, 0001108029


134815 D.E. Bracket

Replacing: 1005821272

Servicing: 0001108040, 0001108071, 0001108082, 0001108111, 0001108152, 0001108158, B001111238, B001111280, B001111357


134850# D.E. Bracket

Replacing: 1005821737, 1005821065

Servicing: 0001110001, 0001110002, 0001110014, 0001110015, 0001110076, 0001110077, 0001110098, 0001110099, 0001110133, 0001110134


134864 D.E. Bracket

Replacing: 1005821103

Servicing: 0001110009, 0001110010, B001117030


135214 D.E. Bracket

Replacing: 2005824849, 2005824383

Servicing: 0001362001, 0001362002, 0001362029, 0001362030, 0001362047, 0001362600, 0001369004, 9000143408, B001812265, B001828041


135289# D.E. Bracket

Replacing: 2005834173

Servicing: 0001367056, 0001368038, B001816129, B001816130


135806 D.E. Bracket

Replacing: 1005821070

Servicing: 0001110003, 0001110026, 0001110089, 0001110095, 0001110114, B001117311


135892 D.E. Bracket

Manufacturer: Bosch

Replacing: 1005831144, 1005821480, 1005821291

Servicing: 0001110022, 0001110023, 0001110045, 0001110046, 0001110066, 0001110067, 0001110106, 0001110107, 0001110108, 0001110122


135897 D.E. Bracket

Replacing: 1005821088

Servicing: 0001108018, 0001108064, B001111079, B001111218


135912 D.E. Bracket

Manufacturer: Bosch

Replacing: 2005834035

Servicing: 0001368016, 0001368043, 0001368056, 0001368317, B001816150, B001816334, B001816548, B001816592


135914 D.E. Bracket

Replacing: 1005821153

Servicing: 0001108030, 0001108088, B001111060, B001111299



135915 D.E. Bracket

Replacing: 1005821096
 Servicing: 0001109017, 0001109049,
 0001110007, 0001110008, B001117011



135984# D.E. Bracket

Replacing: 1005821599
 Servicing: 0001107014, 0001108004,
 0001108033, 0001108087, 0001108106,
 B001110071, B001111124, B001111287,
 B001111351



136049 D.E. Bracket

Manufacturer: Bosch
 Replacing: 9002338856
 Servicing: 0001218024, 0001218103,
 0001218703, B001233151



136090 D.E. Bracket

Replacing: 2005825355
 Servicing: 0001416062, 0001416067,
 0001416068, B001450253, B001450288,
 B001450291



136127# D.E. Bracket

Replacing: 2005834147
 Servicing: 0001360026, 0001360058,
 0001368034, 0001368078, B001816098,
 B001816426



136134 D.E. Bracket

Manufacturer: Bosch
 Replacing: 1005821649, 1005821468
 Servicing: 0001107003, 0001107004,
 0001107022, 0001107023, 9000081001,
 B001110041, B001110100, F000AL0125



136199 D.E. Bracket

Replacing: 1005821683, 1005821058
 Servicing: 0001108003, 0001108124,
 0001108149, B001111010, B001111044,
 B001111100, B001111143, B001111392



136233 D.E. Bracket

Replacing: 2007010106, 2007010082
 Servicing: 0001362307, B001812330



136290 D.E. Bracket

Replacing: 9003335895, 9002338852
 Servicing: 0001218019, 0001218101,
 0001218163, 0001218167, 0001218763,
 0001218767, B001233048, B001233139



136310# D.E. Bracket

Replacing: 2005824639
 Servicing: 0001358200, 0001358201,
 0001358202



136438# D.E. Bracket

Replacing: 1005822416
 Servicing: 0001211512, 0001211535,
 9000333120, B001211306, B001211340



136582 D.E. Bracket

Replacing: 1005821498, 1005821477
 Servicing: 0001107007, 0001107008,
 0001107020, 0001107021, 0001107052,
 0001107053, 6004AA0019, 9000694029,
 B001110054, B001110099


136706 D.E. Bracket

Replacing: 1005821497, 1005821159
 Servicing: 0001112003, 0001112004, 0001112038, 0001112039, 0001113011, 0001113012, 0001114005, 0001114006, 9000695006, 9000695009


136707# D.E. Bracket

Replacing: 1005821233
 Servicing: 0001112010, 0001112011, 0001114009, 0001114010, B001111217, B001180021, B001181014


136714 D.E. Bracket

Replacing: 1005821193
 Servicing: 0001112008, 0001112015, 0986010030, B001180011, B001180034


136790# D.E. Bracket

Replacing: 9003338898, 9002338870, 1005822451, 1005822449
 Servicing: 0001218006, 0001218021, 0001218108, 0001218150, 0001219001, 0001219007, B001233066, B001233090, B001233106, B001233121


136804 D.E. Bracket

Replacing: 1005821461
 Servicing: 0001110061, 0001110062, B001117140


136994 5★ D.E. Bracket

Manufacturer: Bosch
 Replacing: 2005834315
 Servicing: 0001362312, 0001362316, 0001367075, 0001367078, 0001369001, 0001369005, 0001369022, B001812415, B001816581, B001828011


136995 5★ D.E. Bracket

Manufacturer: Bosch
 Replacing: 9003338855, 9003335855, 9003335824
 Servicing: 0001218007, 0001218126, 0001218176, 0001218776, 0001219014, B001233039, B001233224


137114 5★ D.E. Bracket

Manufacturer: Bosch
 Replacing: 2005824704
 Servicing: 0001364100, 0001365004, B001819001, B001819002


137136 D.E. Bracket

Replacing: 2005834465
 Servicing: 0001368083, B001816570


137155 5★ D.E. Bracket

Manufacturer: Bosch
 Replacing: 1005821731, 1005821133
 Servicing: 0001110017, 0001110056, 0001110999, B001117203, F010AL0101


137156# D.E. Bracket

Replacing: 1005821188
 Servicing: 0001108047, 0001108078, 0001108079, B001111106, B001111214, B001111226


137161 D.E. Bracket

Replacing: 2005824931, 2005824852
 Servicing: 0001359108, 0001359113, 0001367005, 0001367013, B001816015, B001816035



137162 D.E. Bracket

Replacing: 9002338882
 Servicing: 0001218016, 0001218110,
 0001218710, 0001219013, B001233182



137273 D.E. Bracket

Manufacturer: Bosch
 Replacing: 2005834053
 Servicing: 0001363127, 0001367022,
 0001368027, 0001368064, B001813256,
 B001816075, B001816076, B001816406



137327[#] D.E. Bracket

Replacing: 1005821711
 Servicing: 0001108151



137611[#] D.E. Bracket

Replacing: 9003338836
 Servicing: 0001218817, 9000331428



137628 D.E. Bracket

Replacing: 1005821702
 Servicing: 0001107034, 0001107045,
 B001110097, F000AL0114, F000AL0119,
 F000AL0122, F005M00001, F005M00024



137629 D.E. Bracket

Manufacturer: Bosch
 Replacing: 1005831159, 1005821901,
 1005821768
 Servicing: 0001123003, 0001124003,
 0001124004, 0001125005, 0001125006,
 0001125035, 0001125036, B001127016



137630 D.E. Bracket

Manufacturer: Bosch
 Replacing: 1005831169, 1005821787
 Servicing: 0001124005, 0001124006,
 0001125001, 0001125002, 0001125003,
 0001125011, 0001125031, 0001125032



137632 D.E. Bracket

Replacing: 2005824837
 Servicing: 0001362046, 0001363112,
 B001812200, B001813223



137633 D.E. Bracket

Replacing: 9001338021
 Servicing: 0001218157, 0001218757
 Needle bearing: HC-CARGO 140242.



137635 D.E. Bracket

Manufacturer: Bosch
 Replacing: 9001338857
 Servicing: 9000331201, 9000331203



137763 D.E. Bracket

Replacing: 1005821147
 Servicing: 0001108031, 0001108052, 0001108056,
 0001108154, B001111091, B001111171



137906 D.E. Bracket

Replacing: 1005821585
 Servicing: 0001107016, 0001108121,
 B001110078, B001111359



137911 D.E. Bracket

Replacing: 1005821790
 Servicing: 0001108157, B001111498


137912 D.E. Bracket

Replacing: 1005831163, 1005821793
 Servicing: 0001124007, 0001124008, 0001124011, 0001124012, 0001124022, 0001124023, 0001125003, 0001125004
 Dust proof.


137915 D.E. Bracket

Manufacturer: Bosch
 Replacing: 2005831167, 1005831167, 1005821903, 1005821746
 Servicing: 0001108031, 0001124001, 0001124002, 0001125007, 0001125008, 0001125012, 0001125013, 0001125042, 0001125043
 Dust proof.


137918 D.E. Bracket

Manufacturer: Bosch
 Replacing: 2005834177
 Servicing: 0001362302, 0001362319, 0001362332, 0001367002, 0001367032, 0001367058, 0001367079, 0001367080, 0001368037, 0001368039


138210 D.E. Bracket

Replacing: 2005825283
 Servicing: 0001410101, 0001410111, 0001411029, 0001416033, 0001416036, 0001417024, 0001417079, B001411264, B001450208, B001450212


138324 D.E. Bracket

Manufacturer: Bosch
 Replacing: 1005831432, 1005821755
 Servicing: 0001109014, 0001109036, 0001109250, 0001110112, F002G20795


139261 D.E. Bracket

Replacing: 1005821213
 Servicing: 0001109009, 0001110028, 0001110041, 0001110042, B001116011, B001117013, B001117075, B001117125, B001117247


139499 D.E. Bracket

Replacing: 9003338820, 9001338010
 Servicing: 0001218120, 0001218121, 0001218133, 0001218146, 0001218147, 0001218159, 0001218759, B001233208, B001233238


139502 D.E. Bracket

Replacing: 2007010112
 Servicing: 0001362700, B001812413


139548# D.E. Bracket

Replacing: 1005821796
 Servicing: 0001107076, 0001107166, 0001108166, 0001108189, 0001115002


139554 D.E. Bracket

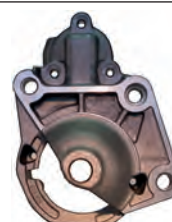
Replacing: 9001338067
 Servicing: 0001218174, 0001218774


139573 D.E. Bracket

Manufacturer: Bosch
 Replacing: 1005821985
 Servicing: 0001108180, 0001108182, 0001108186


139695# D.E. Bracket

Replacing: 1005821615
 Servicing: 0001107033, 0001108129, 0001111003, B001111195


139906 D.E. Bracket

Replacing: 1005821932
 Servicing: 0001107067, 0001108173



139913 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 2005834453
 Servicing: 0001368081, 0001368310, B001816592



139977 D.E. Bracket
 Replacing: 9001338064
 Servicing: 0001218173



230077 D.E. Bracket
 Replacing: 1005821946, 1005821740
 Servicing: 0001107037, 0001107048, 0001107072



230113 D.E. Bracket
 Replacing: 2005824974
 Servicing: 0001363101, 0001363111, B001813222



230811 D.E. Bracket
 Replacing: 2005825352
 Servicing: 0001416061, 0001416065, B001450273



230836[#] D.E. Bracket
 Replacing: 1005821473
 Servicing: 0001109001, 0001109002, 0001109006, 0001109007, B001116001



230838 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 1005821839
 Servicing: 0001108167



230844 D.E. Bracket
 Replacing: 2005834012, 2005824389
 Servicing: 0001359020, 0001367017, 0001368040, B001816125, B001816126



231023 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 9001338029
 Servicing: 0001218168, 0001218768, 0001219012, 0001219112



231071[#] D.E. Bracket
 Replacing: 2005834399
 Servicing: 0001362102, B001812430



231082 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 9001338073
 Servicing: 0001231003



231087 D.E. Bracket
 Replacing: 2005834825
 Servicing: 0001372001, 0AA137200B, 0AA137200F, B001960018



231169 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 1005821860
 Servicing: 0001109030, 0001109045, 0001109048, 0001109253, 0001109268, 0001109269, 0001109270, 0001109336, 0001109337



231274[#] D.E. Bracket
 Replacing: 2005834512, 2005824509
 Servicing: 0001358047, 0001371008, 0001371009



231593 D.E. Bracket
 Replacing: 9001338056, 6033AD3172, 6033AD0231, 6033AD0174
 Servicing: 0001230001, 0001231002, 0001231032, B001260015


231656[#] D.E. Bracket

Replacing: 1005821630

Servicing: 0001108133, 0001108138, B001111439


231657[#] D.E. Bracket

Replacing: 1005821913

Servicing: 0001109033


231696 D.E. Bracket

Manufacturer: Bosch

Replacing: 2005825071, 2005825070

Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410022, 0001410034, 0001410041, 0001410045, 0001410055


231728 D.E. Bracket

Replacing: 2005834068

Servicing: 0001368019, B001816052


231750[#] D.E. Bracket

Replacing: 2005825359

Servicing: 0001417053, 0001417061, B001411359


231752 D.E. Bracket

Replacing: 2005825326

Servicing: 0001410115, 0001417045, 0001417047, B001411325


231791 D.E. Bracket

Manufacturer: Bosch

Replacing: 1005821632

Servicing: 0001107025, 0001107026, 0001107103, 0001107104, B001110114


231847 D.E. Bracket

Replacing: 2005822023

Servicing: 0001211221, 0001211222, 0001211992, 0001211993, 9000692062, B001211098


231848 D.E. Bracket

Replacing: 1005821832

Servicing: 0001109025, 0001109200, 0001109201


232184 D.E. Bracket

Replacing: 1005821976

Servicing: 0001107077, 0001107098


233215 D.E. Bracket

Replacing: 6033AD0450, 6033AD0144

Servicing: 0001230009, 0001231011


233858 D.E. Bracket

Replacing: 2005834511, 2005834507

Servicing: 0001371006, 0001371007


233943 D.E. Bracket

Replacing: 1005831129, 1005831015

Servicing: 0001106012, 0001106017, 0001106022, B001109104


233974 D.E. Bracket

Replacing: 1005831173, 1005821892

Servicing: 0001125503, 0001125504, 0001125513, 0001125514


233984 D.E. Bracket

Manufacturer: Bosch

Replacing: 1005821982

Servicing: 0001109035



234051# D.E. Bracket
 Replacing: 1005821890
 Servicing: 0001116001



234080 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 1005831220
 Servicing: 0001108196, 0001108245



234082# D.E. Bracket
 Replacing: 1005821622
 Servicing: 0001108130, B001111399



234083 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 1005821898
 Servicing: 0001121008, 0001121009,
 0001121026, 0001121027



234084 D.E. Bracket
 Replacing: 1005821960
 Servicing: 0001109034



234138 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 1005831108
 Servicing: 0001121016, 0001121017, B001120046



234140# D.E. Bracket
 Replacing: 1005831135
 Servicing: 0001124020, 0001124021



234154 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 1005831171, 1005821866
 Servicing: 0001125501, 0001125502,
 0001125511, 0001125512, B001126081



234157 D.E. Bracket
 Replacing: 1005821955
 Servicing: 0001109021, 0001109022,
 0001109066, 0001109067, B001116092



234237 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 1005821988
 Servicing: 0001108217, 0001108218,
 0001115008, F000AL0101, F000AL0127



234246 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 6033AD1097, 6033AD0219
 Servicing: 0001223005



234248 D.E. Bracket
 Manufacturer: Bosch
 Replacing: 2005834837
 Servicing: 0001372006, 0AA137200G



234367# D.E. Bracket
 Replacing: 1005831181, 1005821811
 Servicing: 0001121001, 0001121002, 0001121030,
 0001121031, 0001121034, 0001121035



234369 D.E. Bracket
 Replacing: 1005831175, 1005831116
 Servicing: 0001125507, 0001125508,
 0001125517, 0001125518



234370 D.E. Bracket
 Replacing: 6033AD0139
 Servicing: 0001231007, 0001231030


234373# D.E. Bracket

 Replacing: 2005834705
 Servicing: 0001369023, 0001369201

234374 D.E. Bracket

 Manufacturer: Bosch
 Replacing: 6033AD0280, 6033AD0076
 Servicing: 0001223003, 0001223007, 0001223024

234376 D.E. Bracket

 Manufacturer: Bosch
 Replacing: 6033AD0448, 6033AD0082
 Servicing: 0001230006, 0001230014, 0001231005

234393 D.E. Bracket

 Manufacturer: Bosch
 Replacing: 6033AD0307
 Servicing: 0001223013

234397 D.E. Bracket

 Manufacturer: Bosch
 Replacing: 1005831126
 Servicing: 0001107091, 0001107097,
 0001107109, 0001107110, 0001107111

234519 D.E. Bracket

 Replacing: 2005825393, 2005825278,
 2005825183
 Servicing: 0001410065, 0001411017,
 0001411025, 0001411026, 0001417005,
 0001417006, 0001417059, 0001417073,
 0001417074, 0001714059

234789 D.E. Bracket

 Replacing: 2005834846, 2005834828
 Servicing: 0001372002, 0001372004,
 0001372007, B001860023

234790# D.E. Bracket

 Replacing: 6033AD0000
 Servicing: 0001231004

234847 D.E. Bracket

 Replacing: 1005831425, 1005831340,
 1005831040
 Servicing: 0001125018, 0001125019,
 0001125048, 0001125049, 0001125605,
 0001125606
*Needle Bearing: HC-CARGO 141084. Oil Seal:
 HC-CARGO 231343.*

234848 D.E. Bracket

 Manufacturer: Bosch
 Replacing: 1005831037
 Servicing: 0001125016, 0001125017,
 0001125046, 0001125047

234900 D.E. Bracket

 Replacing: 6033AD0336
 Servicing: 0001223014

235036 D.E. Bracket

 Manufacturer: Bosch
 Replacing: 1005831157, 1005821881
 Servicing: 0001121006, 0001121007,
 0001121028, 0001121029, F004A94029

235305 D.E. Bracket

 Replacing: 1005821713
 Servicing: 0001108153
Bearing: HC-CARGO 140807.

235586 D.E. Bracket

 Manufacturer: Bosch
 Replacing: 6033AD0451, 6033AD0080
 Servicing: 0001230004, 0001231009



235755 D.E. Bracket

Replacing: 6033AD04380, 6033AD0438

Servicing: 0001231016

Bushing: HC-CARGO 140010.



236146 D.E. Bracket

Replacing: 2005822015

Servicing: 0001211997, 0001211998, 9000042021, 9000042027, 9000082009



236509# D.E. Bracket

Replacing: 1005831304

Servicing: 0001123002, 0001123003, 0001123202



238845 D.E. Bracket

Replacing: 6033AD4149, 6033AD4118

Servicing: 0001230027, 0001231033, 0001231133

I.M. Brackets



137386# I.M. Bracket

Replacing: 2005823099

Servicing: 0001311042, 0001311044, 0001311047, 0001313003, 0001313004, 0001313005, 0001313006, 0001313007, 0001314001, 0001314002



137610 5★ I.M. Bracket

Replacing: 9001338863

Servicing: 9000331201

Bosch.



137983 5★ I.M. Bracket

Replacing: 9001338033

Servicing: 9000331201, 9000331203

Bosch.



139911 I.M. Bracket

Replacing: 2005824881, 2005824649, 2005824465

Servicing: 0001358048, 0001358049, 0001358050, 0001358051, 0001359001, 0001359002, 0001359003, 0001359004, 0001359008, 0001359010

ID 18.50



139912# I.M. Bracket

Replacing: 2005834427

Servicing: 0001364300, 0001364301, 0001364400, 0001364402, B001841010, B001841012



230457 5★ I.M. Bracket

Replacing: 2005834281

Servicing: 0001362321, 0001362331, 0001363128, 0001363130, 0001367036, 0001367038, 0001367046, 0001367051, 0001367054, 0001367057

Bosch.



231089 5★ I.M. Bracket

Replacing: 2005834593

Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, 0AA137200B, 0AA137200F

Bosch.



231276 5★ I.M. Bracket

Replacing: 2005834596

Servicing: 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371012, 0001371014, 0001371017, 0001371018

ID 32.00

Bosch.


235622 I.M. Bracket

Replacing: 2005824522

Servicing: 0001364100, 0001364101, 0001364102, 0001364104, 0001364105, 0001364106, 0001364200, 0001364201, 0001364202, 0001364203

ID 19.00

Bosch.

Solenoids

12 V


130281 Solenoid

Replacing: 0331101003, 0331101001, 0331100014, 0331100005

Servicing: 0001400016, 0001401011, 0001401012, 0001401019, 0001401023, 0001401026, 0001401027, 0001401028, 0001401041, 0001401044

12 V, B+ Cable, OD 85.90,

Total length 93.80


130293 Solenoid

Replacing: 0331302033

Servicing: 0001208019, 0001208020, 0001208027, 0001208028, 0001208030, 0001208031, 0001208040, 0001208041, 0001211018, 0001211019

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 M5-6.30, ID/cover 20.75, OD 50.30, OD/cover 50.25, Total length 144.60, Height/B+ 12.00, Width/kl. 15a 15.00, Width/kl. 50 45.00, Coil bolt M8, Coil bolt 2 13.00, No./terminals 4

Cap: HC-CARGO 131334.


130296 Solenoid

Replacing: 0331402076, 0331401507, 0331401007, 0331400022, 0331400017, 0331400016, 0331400014

Servicing: 0001358017, 0001358018, 0001358020, 0001358026, 0001358028, 0001358032, 0001358033, 0001358035, 0001358038, 0001358040

12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/cover 30.00, OD 60.85, OD/cover 53.35, Total length 200.35, Height/B+ 23.60, Width/kl. 30h 16.60, Width/kl. 50 2.80, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3

Cap: HC-CARGO 131317.


130297 Solenoid

Replacing: 0331402074, 0331402073, 0331401504, 0331401503, 0331401051, 0331401046, 0331401029, 0331401012

Servicing: 0001356003, 0001359001, 0001359002, 0001359003, 0001359004, 0001359006, 0001359008, 0001359010, 0001359012, 0001359013

12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/cover 29.85, OD 61.00, OD/cover 53.30, Total length 177.75, Height/B+ 23.40, Width/kl. 30h 20.75, Width/kl. 50 7.60, Coil bolt M10, Coil bolt 2 16.55, No./terminals 3

Cap: HC-CARGO 131318.


130299 Solenoid

Replacing: 0331402078, 0331401510, 0331401506, 0331401039, 0331401024, 0331401017, 0331401014, 0331401010

Servicing: 0001354064, 0001354077, 0001354079, 0001354086, 0001354101, 0001362003

12 V, B+ M10, Kl. 30h M10, Kl. 50 M4, ID/cover 29.90, OD 61.60, OD/cover 53.40, Total length 158.00, Height/B+ 23.60, Width/kl. 30h 16.30, Width/kl. 50 2.30, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3

Cap: HC-CARGO 131318.


130300 Solenoid

Replacing: 0331402509, 0331402077, 0331401508, 0331401027, 0331401015, 0331400011, 0331400009, 0331400007

Servicing: 0001354016, 0001354018, 0001354029, 0001354080, 0001354082, 0001354085, 0001354091, 12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/cover 30.00, OD 60.90, OD/cover 53.35, Total length 173.60, Height/B+ 24.70, Width/kl. 30h 15.75, Width/kl. 50 3.80, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3

Cap: HC-CARGO 131318.


130301 Solenoid

Replacing: 0331402704, 0331402539, 0331402535, 0331402530, 0331402519, 0331402504, 0331402501, 0331402205

Servicing: 0001223501, 0001358048, 0001358050, 0001358051, 0001359008, 0001359014, 0001359020, 0001359027, 0001359030, 0001359032

12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/cover 29.80, OD 61.30, OD/cover 53.35, Total length 164.00, Height/B+ 24.00, Width/kl. 30h 16.45, Width/kl. 50 3.30, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3

Cap: HC-CARGO 131318.

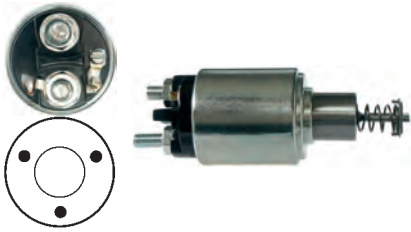
Alternative no.: 333168 , 130301Z


130301Z Solenoid

Replacing: 0331402704, 0331402539, 0331402535, 0331402530, 0331402519, 0331402504, 0331402501, 0331402205

12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/cover 29.80, OD 61.30, OD/cover 53.35, Total length 164.00, Height/B+ 24.00, Width/kl. 30h 16.45, Width/kl. 50 3.30, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3

Alternative no.: 130301, 333168


130302 Solenoid

Replacing: 933A081030, 9330081030, 2339402121, 0331402503, 0331402502, 0331402202, 0331402003, 0331402002

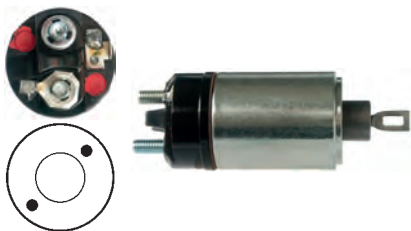
Servicing: 0001358049, 0001358200, 0001358201, 0001358202, 0001359025, 0001359041, 0001359049, 0001359053, 0001359068, 0001359072
12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/cover 29.60, OD 61.00, OD/cover 53.45, Total length 164.30, Height/B+ 23.00, Width/kl. 30h 16.00, Width/kl. 50 2.95, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3
Cap: HC-CARGO 131317.

Alternative no.: 333137 , 130302Z

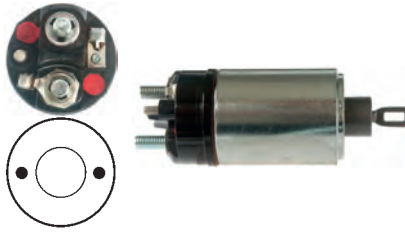

130302Z Solenoid

Replacing: 2339402121, 0331402503, 0331402502, 0331402202, 0331402003, 0331402002, 0331401045, 0331401038
12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/cover 29.60, OD 61.00, OD/cover 53.45, Total length 164.30, Height/B+ 23.00, Width/kl. 30h 16.00, Width/kl. 50 2.95, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3

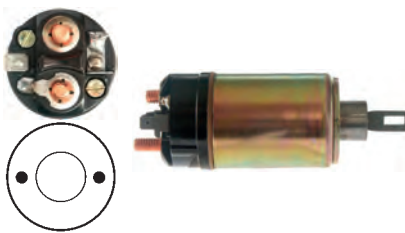
Alternative no.: 333137 , 130302


130468 Solenoid

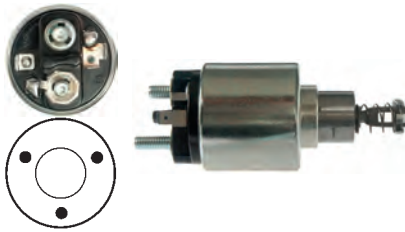
Replacing: 9330041005, 0331302540, 0331302093, 0331302089, 0331302070, 0331302067, 0331302066, 0331302064
Servicing: 0001157021, 0001208044, 0001208051, 0001208052, 0001208053, 0001208054, 0001208207, 0001208210, 0001208214, 0001208233
12 V, B+ M8, Kl. 50 6.30, OD 50.20, OD/cover 49.85, Total length 142.40, Height/B+ 16.90, Width/kl. 50 11.00, Coil bolt M8, Coil bolt 2 12.90, No./terminals 3
Cap: HC-CARGO 131335.


130470 Solenoid

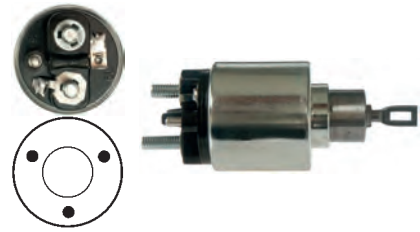
Replacing: 0331302091, 0331302083, 0331302063, 0331302054
Servicing: 0001208049, 0001208055, 0001208206, 0001208249, 0001208255, 0001211229, 0001211989, 0001211995, 0001211996, 0001311046
12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, OD 50.10, OD/cover 49.45, Total length 142.00, Height/B+ 17.95, Width/kl. 15a 8.35, Width/kl. 50 12.45, Coil bolt M8, Coil bolt 2 13.70, No./terminals 4
Cap: HC-CARGO 131334.


130471 Solenoid

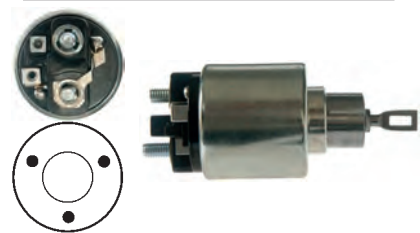
Replacing: 0331302570, 0331302082, 0331302075, 0331302047, 0331302042
Servicing: 0001208053, 0001208054, 0001311025, 0001311027, 0001311045, 0001314006, B001311054
12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 49.00, OD/cover 50.70, Total length 143.75, Height/B+ 14.40, Width/kl. 15a 14.00, Width/kl. 50 12.30, Coil bolt M8, Coil bolt 2 7.75, No./terminals 4
Cap: HC-CARGO 130479.


130474 Solenoid

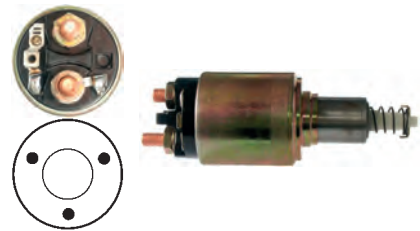
Replacing: 0331303573, 0331303509, 0331303073, 0331303047, 0331303023, 0331303018, 0331303009, 0331303004
Servicing: 0001208400, 0001212202, 0001212204, 0001212205, 0001212206, 0001212207, 0001212211, 0001212212, 0001212400, 0001212401
12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/cover 27.00, OD 56.25, OD/cover 49.30, Total length 144.20, Height/B+ 20.35, Width/kl. 15a 14.65, Width/kl. 50 11.30, Coil bolt M8, Coil bolt 2 12.20, No./terminals 4
Cap: HC-CARGO 131337.


130475 Solenoid

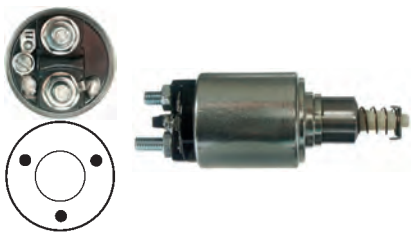
Replacing: 2339303283, 0331303031, 0331303028, 0331303016, 0331303005
Servicing: 0001108004, 0001108019, 0001108020, 0001108033, 0001108039, 0001108100, 0001108158, 0001112037, 0001208172, 0001208219
12 V, B+ M8, Kl. 15a M4, Kl. 50 6.30, ID/cover 26.85, OD 56.30, OD/cover 49.55, Total length 140.35, Height/B+ 20.60, Width/kl. 15a 8.30, Width/kl. 50 12.55, Coil bolt M8, Coil bolt 2 12.70, No./terminals 4
Cap: HC-CARGO 131847.


130476 Solenoid

Replacing: 9330081039, 2339303270, 0331303530, 0331303503, 0331303040, 0331303038, 0331303030, 0331303019
Servicing: 0001108021, 0001208200, 0001208201, 0001208208, 0001208211, 0001208213, 0001208216, 0001208217, 0001208221, 0001208222
12 V, B+ M8, Kl. 15a M5, Kl. 50 M4, ID/cover 27.00, OD 56.40, OD/cover 49.45, Total length 136.00, Height/B+ 15.00, Coil bolt M8, Coil bolt 2 12.50, No./terminals 4
Cap: HC-CARGO 131338.

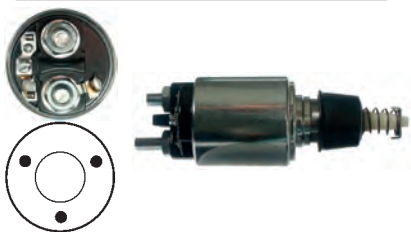

130806 Solenoid

Replacing: 0331402016, 0331401035, 0331401026, 0331401013, 0331401011
Servicing: 0001362001, 0001362002, 0001362004, 0001362005, 0001362006, 0001362007, 0001362008, 0001362010, 0001362011, 0001362018
12 V, B+ M10, Kl. 50 M4, ID/cover 30.45, OD 61.20, OD/cover 53.50, Total length 162.65, Height/B+ 21.85, Width/kl. 50 3.65, Coil bolt M10, Coil bolt 2 15.15, No./terminals 3
Cap: HC-CARGO 131318.


131042 Solenoid

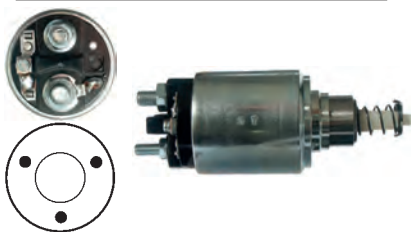
Replacing: 0331402513, 0331402200, 0331402013
 Servicing: 0001359043, 0001359084, 0001359111, 0001367010, 0001367034, 0001367039, 0001367059, 0001367300, 0001367301, 0001367303
 12 V, B+ M10, ID/cover 30.00, OD 60.85, OD/cover 53.35, Total length 172.20, Height/B+ 23.35, Coil bolt M10, Coil bolt 2 16.65, No./terminals 3
 Cap: HC-CARGO 133447.

Alternative no.: 333587

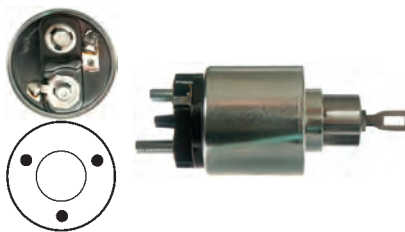

131141 Solenoid

Replacing: 9330451063, 9330081028, 2339402141, 0331402570, 0331402568, 0331402209, 0331402070, 0331402068
 Servicing: 0001359051, 0001359089, 0001359097, 0001359098, 0001362039, 0001362317, 0001362318, 0001362321, 0001362322, 0001362323
 12 V, B+ M10, Kl. 50 M4, ID/cover 30.00, OD 61.50, OD/cover 53.25, Total length 181.75, Height/B+ 21.00, Width/kl. 50 M4, No./terminals 3
 Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.

Alternative no.: 333144

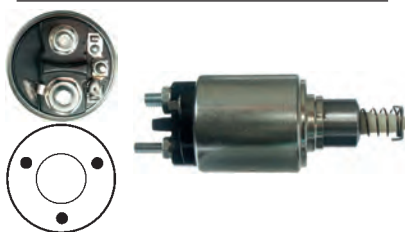

131142 Solenoid

Manufacturer: Bosch
 Replacing: 0331402529, 0331402029, 0331402023
 Servicing: 0001359082, 0001359104, 0001359109, 0001359110, 0001359126, 0001359127, 0001362060, 0001362067, 0001362082, 0001367006
 12 V, B+ M8, ID/cover 30.15, OD 61.15, OD/cover 53.55, Total length 160.20, Height/B+ 18.50, Coil bolt M10, Coil bolt 2 16.85, No./terminals 3
 Cap: HC-CARGO 131319.

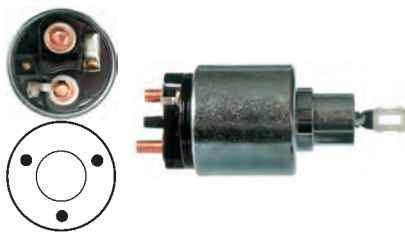

131143 Solenoid

Replacing: 9330081065, 2339303296, 2339303284, 0331303653, 0331303506, 0331303156, 0331303153, 0331303058
 Servicing: 0001107005, 0001107006, 0001107009, 0001107012, 0001107013, 0001107024, 0001107033, 0001107060, 0001107085, 0001108011
 12 V, B+ M8, Kl. 50 6.30, ID/cover 27.10, OD 56.35, OD/cover 49.35, Total length 140.80, Height/B+ 20.00, Width/kl. 50 12.50, Coil bolt M8, Coil bolt 2 12.60, No./terminals 3
 Cap: HC-CARGO 131315.

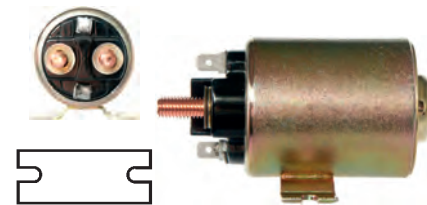
Alternative no.: 333147 , 333665


131189 Solenoid

Replacing: 0331402528, 0331402096, 0331402028, 0331402027
 Servicing: 0001362005, 0001362006, 0001362044, 0001362045, 0001362061, 0001362079, 0001362081, 0001362602, 0001362603, 0001362606
 12 V, B+ M8, Kl. 50 M5, ID/cover 29.85, OD 61.00, OD/cover 53.10, Total length 171.75, Height/B+ 19.00, Width/kl. 50 13.70, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3
 Cap: HC-CARGO 133159.

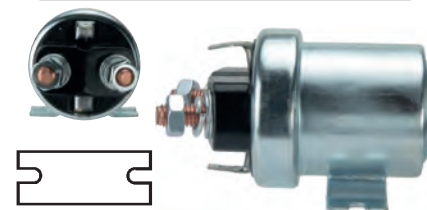

131308 Solenoid

Replacing: 0331303043
 Servicing: 0001208224, 0001208225, B001208189, B001208201
 12 V, B+ M8, Kl. 50 6.30, ID/cover 27.00, OD 56.60, OD/cover 49.60, Total length 121.45, Height/B+ 14.10, Width/kl. 50 12.10, Coil bolt M8, Coil bolt 2 9.25, No./terminals 3
 Cap: HC-CARGO 131315.


131370 Solenoid

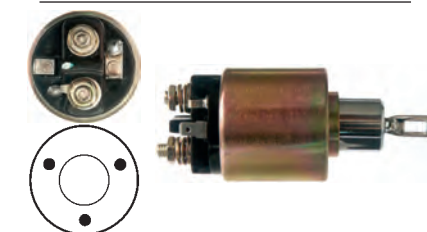
Replacing: 0333006004
 Servicing: 0001108078, 0001108079, 0333006004
 12 V, 80 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 52.10, OD/cover 45.20, Total length 101.75, Height/B+ 17.50, Width/kl. 50 10.65, Coil bolt M8, Coil bolt 2 17.50, Seconds 5, No./terminals 4
 Water proof. Silver contact. Insulated return.

Alternative no.: 333160


131373Z Solenoid

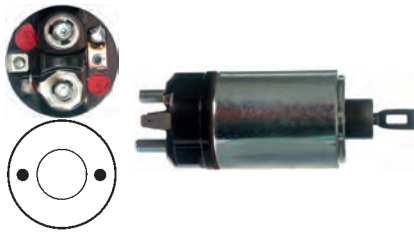
Replacing: 0333009004
 12 V, 150 Amp, Intermittent load 800 Amp., B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 54.17, OD/cover 43.36, Total length 92.00, Height/B+ 17.34, Coil bolt M8, Coil bolt 2 17.34, Seconds 5, No./terminals 4
 Silver contact.

Alternative no.: 333153 , 131373


131586 Solenoid

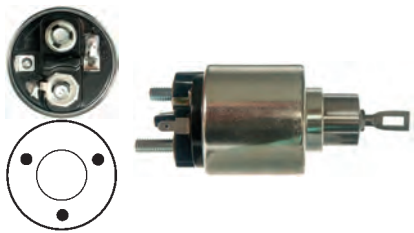
Replacing: F000SH0180, 9330081049, 9330043502, 9330043002, 2339303435, 2339303408, 2339303363, 2339303321
 Servicing: 0001106001, 0001106002, 0001106004, 0001107003, 0001107004, 0001107007, 0001107008, 0001108001, 0001108002, 0001108005
 12 V, B+ M8, Kl. 50 6.30, OD 56.35, OD/cover 49.70, Total length 138.00, Height/B+ 18.60, Width/kl. 50 13.85, Coil bolt M8, Coil bolt 2 14.30, No./terminals 4
 Cap: HC-CARGO 131337.

Alternative no.: 333146



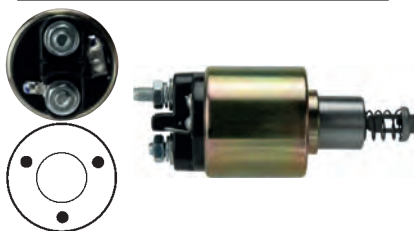
131790 Solenoid

Replacing: 0331302094, 0331302062
 Servicing: 0001208100, 0001208101, 0001208202, 0001208229, 0001208405, 0001211200, 0001211201, 0001211215, 0001211241, 0001311103
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 50.15, OD/cover 49.90,
 Total length 143.00, Height/B+ 16.75, Width/kl. 15a 15.00, Width/kl. 50 11.55, Coil bolt M8, Coil bolt 2 13.45, No./terminals 4
 Cap: HC-CARGO 130479.



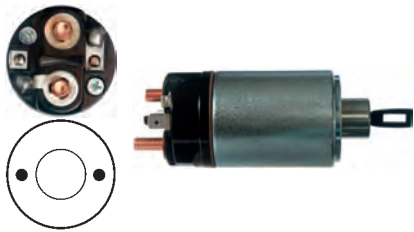
131791 Solenoid

Replacing: 9330141044, 2339304249, 2339303451, 2339303250, 2339303249, 2339303241, 2339303240, 0331303250
 Servicing: 0001108012, 0001108025, 0001108030, 0001108038, 0001108061, 0001108062, 0001108088, 0001108089, 0001108090, 0001108091
 12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, ID/cover 27.00, OD 56.30, OD/cover 49.35, Total length 141.90, Height/B+ 20.10, Width/kl. 15a 11.75, Width/kl. 50 12.75, Coil bolt M8, Coil bolt 2 12.50, No./terminals 4
 Cap: HC-CARGO 132279.



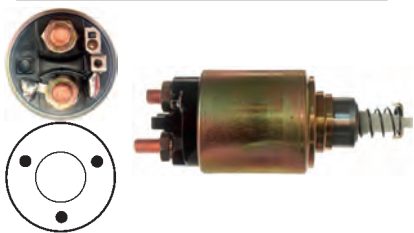
131793 Solenoid

Replacing: 2339303269, 0331303626, 0331303602, 0331303126, 0331303110, 0331303102, 0331303100, 0331303068
 Servicing: 0001107015, 0001107044, 0001107066, 0001108011, 0001108018, 0001108024, 0001108031, 0001108042, 0001108050, 0001108054
 12 V, B+ M8, Kl. 50 6.30, ID/cover 27.25, OD 56.55, OD/cover 49.65, Total length 119.50, Height/B+ 14.15, Width/kl. 50 12.35, Coil bolt M8, Coil bolt 2 9.65, No./terminals 3
 Cap: HC-CARGO 131315.



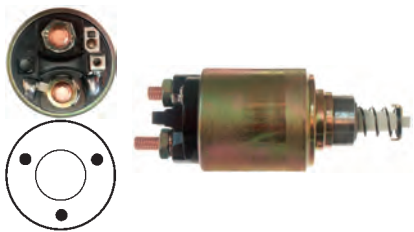
131794 Solenoid

Replacing: 9330141018, 9330141014, 0331302092, 0331302077, 0331302059
 Servicing: 0001157009, 0001157010, 0001157012, 0001157013, 0001157015, 0001157016, 0001157017, 0001157021, 0001157023, 0001157027
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 49.85, OD/cover 50.00, Total length 143.15, Height/B+ 15.50, Width/kl. 15a 11.85, Width/kl. 50 10.80, Coil bolt M8, Coil bolt 2 9.70, No./terminals 4
 Cap: HC-CARGO 130479.



132252 Solenoid

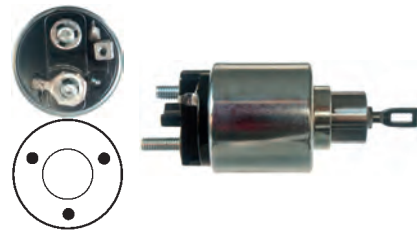
Replacing: 0331402032, 0331402017, 0331401032
 Servicing: 0001362009, 0001362012, 0001364106, 9000143002, B001819072
 12 V, B+ M10, Kl. 50 4.70, ID/cover 30.15, OD 61.15, OD/cover 53.45, Total length 162.25, Height/B+ 21.95, Width/kl. 50 3.60, Coil bolt M10, Coil bolt 2 15.65, No./terminals 3
 Cap: HC-CARGO 131317.



132253 Solenoid

Replacing: 0331402524, 0331402024
 Servicing: 0001358202, 0001359094, 0001362307, 0001367071, B001812330, B001816275
 12 V, B+ M10, Kl. 50 4.70, ID/cover 30.10, OD 61.15, OD/cover 53.40, Total length 162.00, Height/B+ 22.20, Width/kl. 50 3.75, Coil bolt M10, Coil bolt 2 15.50, No./terminals 3
 Cap: HC-CARGO 131317.

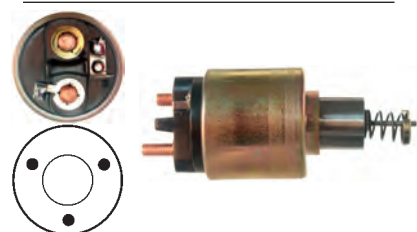
Alternative no.: 333586



132258 Solenoid

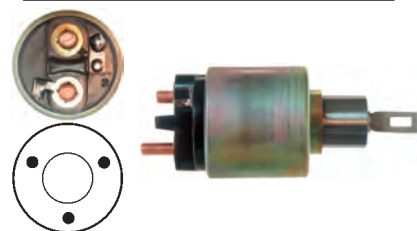
Replacing: 2339303447, 2339303263, 2339303262, 2339303260, 2339303102, 0331303654, 0331303154, 0331303061
 Servicing: 0001108003, 0001108032, 0001108046, 0001108066, 0001108068, 0001108069, 0001108103, 0001108104, 0001108124, 0001108134
 12 V, B+ M8, Kl. 50 4.70, ID/cover 26.90, OD 56.55, OD/cover 49.50, Total length 140.15, Height/B+ 19.80, Width/kl. 50 8.60, Coil bolt M8, Coil bolt 2 12.30, No./terminals 3
 Cap: HC-CARGO 132780.

Alternative no.: 333142



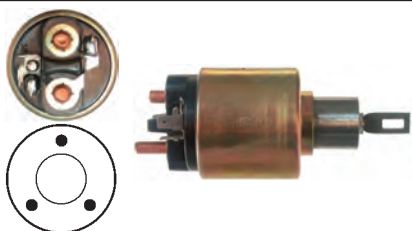
132261 Solenoid

Replacing: 0331303034
 Servicing: 0001312108, 0001312109, 0001317005, 0001317006, 0001317007, 0001317008, 0001317011, 0001317012, 0001317014, 0001317015
 12 V, B+ M8, Kl. 50 6.30, ID/cover 27.00, OD 56.70, OD/cover 49.50, Total length 139.55, Height/B+ 16.60, Width/kl. 50 13.45, Coil bolt M8, Coil bolt 2 8.50, No./terminals 3
 Cap: HC-CARGO 133202.



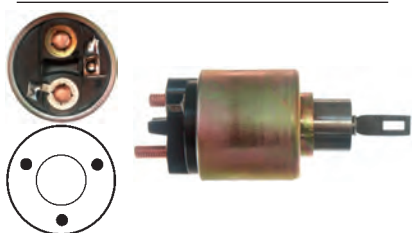
132263 Solenoid

Replacing: 0331303567, 0331303069, 0331303067, 0331303042
 Servicing: 0001108024, 0001108031, 0001108050, 0001108153, 0001110063, 0001125502, 0001125512, 0001157028, 0001208710, 0001211248
 12 V, B+ M8, Kl. 50 6.30, ID/cover 26.90, OD 56.65, OD/cover 49.55, Total length 139.00, Height/B+ 17.00, Width/kl. 50 12.50, Coil bolt M8, Coil bolt 2 9.15, No./terminals 3
 Cap: HC-CARGO 131315.


132264 Solenoid

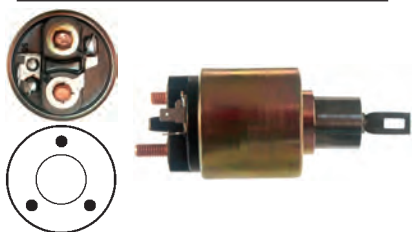
Replacing: 0331303081, 0331303079

Servicing: 0001108023, 0001108075, 0001110079, 0001125502, 0001125512, B001111266, B001117275, B001126081

 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 27.15, OD 56.70,
 OD/cover 49.60, Total length 139.00,
 Height/B+ 16.30, Width/kl. 50 13.00,
 Coil bolt M8, Coil bolt 2 8.75,
 No./terminals 3
 Cap: HC-CARGO 132282.

132265 Solenoid

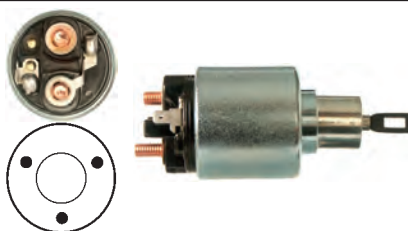
Replacing: 9330081062, 0331303066

Servicing: 0001109003, 0001110017, 0001110999, 0001125507, 0001125508, 0001125517, 0001125518, 0001208507, 0001208516, 0001208518

 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 27.00, OD 56.75,
 OD/cover 49.65, Total length 139.75,
 Height/B+ 16.80, Width/kl. 50 13.25,
 Coil bolt M8, Coil bolt 2 8.95,
 No./terminals 3
 Cap: HC-CARGO 131315.

132266 Solenoid

Replacing: 0331303582, 0331303082

Servicing: 0001125507, 0001125508, 0001125517, 0001125518, 0001218004, 0001218005, 0001218017, 0001218111, 0001218112, 0001218130

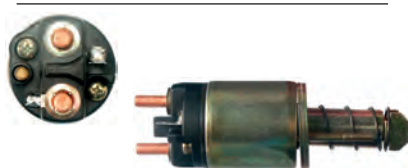
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 27.15, OD 56.75,
 OD/cover 49.60, Total length 140.45,
 Height/B+ 16.90, Width/kl. 50 13.20,
 Coil bolt M8, Coil bolt 2 8.40,
 No./terminals 3
 Cap: HC-CARGO 132282.

132267 Solenoid

Replacing: 0331303597, 0331303560, 0331303122, 0331303097, 0331303091, 0331303090, 0331303083, 0331303060

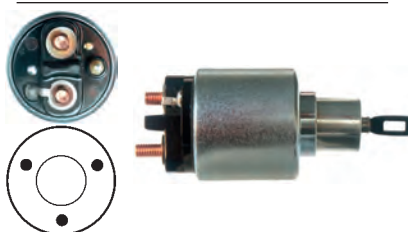
Servicing: 0001108023, 0001108075, 0001208209, 0001208211, 0001208213, 0001208227, 0001218003, 0001218004, 0001218005, 0001218012

 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 27.20, OD 56.40,
 OD/cover 49.60, Total length 118.40,
 Height/B+ 14.15, Width/kl. 50 13.40,
 Coil bolt M8, Coil bolt 2 9.60,
 No./terminals 3
 Cap: HC-CARGO 132282.

Alternative no.: 333568


132272 Solenoid

Replacing: 9339331001

 12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30,
 ID/cover 23.15, OD 52.40,
 OD/cover 49.85, Total length 138.40,
 Height/B+ 18.95, Width/kl. 15a 7.40,
 Width/kl. 50 15.65, Coil bolt M8,
 Coil bolt 2 19.85, No./terminals 4
 Cap: HC-CARGO 132723.

132299 Solenoid

Replacing: 0331303086

Servicing: 0001108033, 0001108035, 0001108037, 0001108040, 0001108057, 0001108071, 0001108082, 0001108083, 0001108084, 0001110019

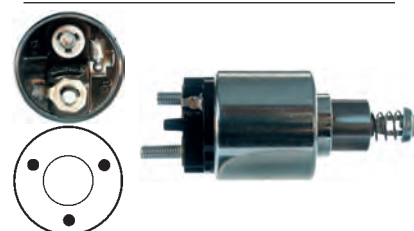
 12 V, B+ M8, Kl. 15a M6, Kl. 30h M8,
 ID/cover 27.10, OD 56.55,
 OD/cover 49.10, Total length 118.50,
 Height/B+ 14.50, Width/kl. 15a 14.60,
 Width/kl. 30h 9.55, No./terminals 3
 Cap: HC-CARGO 132300.

132803 Solenoid

Replacing: 0331101011

Servicing: 0001413001, 0001413003, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010, 0001413011, 0001413012, 0001413013

12 V

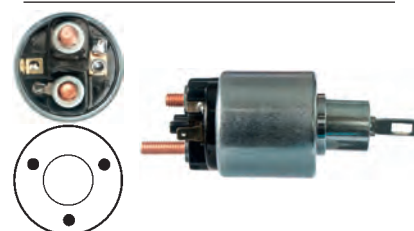

132827 Solenoid

Replacing: 2339303296, 0331303570, 0331303070, 0331303064, 0331303045, 0331303043

Servicing: 0001107005, 0001107006, 0001108043, 0001108044, 0001108059, 0001108060, 0001108096, 0001108097, 0001108118, 0001108119

 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 26.75, OD 56.25,
 OD/cover 49.30, Total length 139.75,
 Height/B+ 20.45, Width/kl. 50 11.25,
 Coil bolt M8, Coil bolt 2 12.25,
 No./terminals 3
 Cap: HC-CARGO 133202.

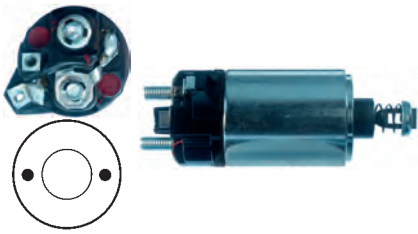
Alternative no.: 333166


132828 Solenoid

Replacing: 9330081050, 2339303403, 2339303329, 2339303232, 0331303094

Servicing: 0001108072, 0001108073, 0001108101, 0001108102, 0001110029, 0001110030, 0001110100, 0001110101, 0001110130, 0001110131

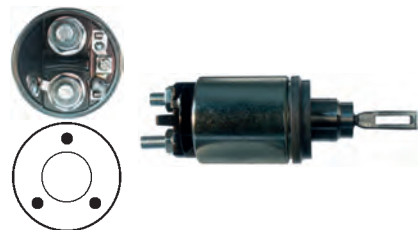
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30,
 ID/cover 27.25, OD 56.45,
 OD/cover 49.20, Total length 130.00,
 Height/B+ 23.60, Width/kl. 15a 13.25,
 Width/kl. 50 12.40, Coil bolt M8,
 Coil bolt 2 7.65, No./terminals 4
 Cap: HC-CARGO 131337.



133141 Solenoid

Replacing: 0331302571, 0331302518, 0331302076, 0331302071, 0331302036, 0331302018, 0331302010

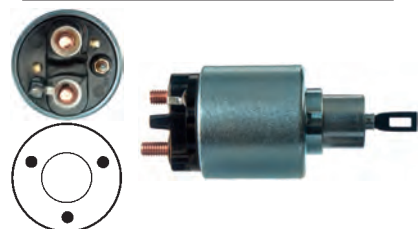
Servicing: 0001208011, 0001208019, 0001208027, 0001208032, 0001211006, 0001211010, 0001211020, 0001211204, 0001211205, 0001211209
 12 V, B+ M8, Kl. 15a 4.70, Kl. 50 4.70, OD 50.10, OD/cover 49.75, Total length 142.30, Height/B+ 18.45, Width/kl. 15a 4.75, Width/kl. 50 6.25, Coil bolt M8, Coil bolt 2 14.00, No./terminals 4
 Cap: HC-CARGO 132778.



133398 Solenoid

Replacing: 0331401008

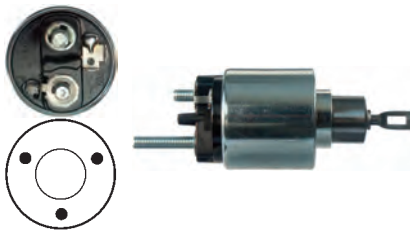
Servicing: 0001354004, 0001354005, 0001354007, 0001354010, 0001354021, 0001354041, 0001354080, 0001354081, 0001354085, 0001354087
 12 V, B+ M10, ID/cover 30.00, OD 61.00, OD/cover 53.40, Total length 175.30, Height/B+ 22.85, Width/kl. 50 2.80, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3
 Cap: HC-CARGO 131317.
 Alternative no.: 335197



133419 Solenoid

Replacing: 0331303089

Servicing: 0001218022, 0001218104, 0001218105, 0001218106, 0001218128, B001233107, B001233159, B001233160, B001233163, B001233192
 12 V, B+ M8, Kl. 15a M6, ID/cover 27.00, OD 56.40, OD/cover 49.10, Total length 118.00, Height/B+ 14.00, Width/kl. 15a 12.55, Coil bolt M8, Coil bolt 2 9.60, No./terminals 3
 Cap: HC-CARGO 132300.

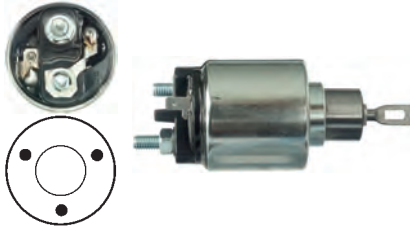


133421 Solenoid

Replacing: 0331303555, 0331303132, 0331303076, 0331303056, 0331303055

Servicing: 0001110009, 0001110010, 0001208425, 0001208426, 0001208428, 0001208429, 0001211251, 0001211252, 0001211253, 0001211254
 12 V, B+ M8, Kl. 50 6.30, ID/cover 26.95, OD 56.30, OD/cover 49.45, Total length 155.75, Height/B+ 35.00, Width/kl. 50 13.60, Coil bolt M8, Coil bolt 2 12.75, No./terminals 3
 Cap: HC-CARGO 133148.

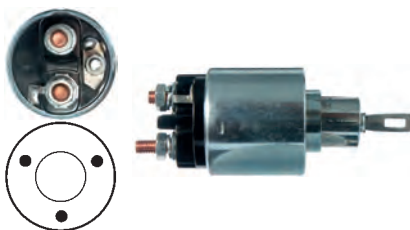
Alternative no.: 333545



133422 Solenoid

Replacing: 9330331513, 9330331013, 0331303609, 0331303109

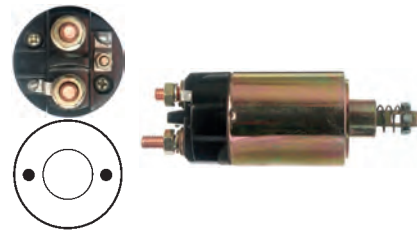
Servicing: 0001208506, 0001211536, 0001218174, 0001218774, 9000692085
 12 V, B+ M8, Kl. 50 6.30, ID/cover 27.15, OD 56.30, OD/cover 49.50, Total length 137.00, Height/B+ 14.85, Width/kl. 50 11.20, Coil bolt M8, Coil bolt 2 8.90, No./terminals 3
 Cap: HC-CARGO 132779.



133424 Solenoid

Replacing: F000SH0145, F000SH0139, F000SH0124, F000SH0108, 9330081066, 2339303256, 2339303251, 2339303207

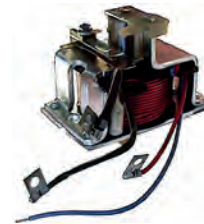
Servicing: 0001107015, 0001107044, 0001107066, 0001107089, 0001107091, 0001107097, 0001107109, 0001107110, 0001107111, 0001108018
 12 V, B+ M8, Kl. 50 M6, ID/cover 26.85, OD 56.20, OD/cover 49.30, Total length 141.00, Height/B+ 20.00, Width/kl. 50 15.30, Coil bolt M8, Coil bolt 2 12.65, No./terminals 3
 Cap: HC-CARGO 138004.



133428 Solenoid

Replacing: 0331302596, 0331302096

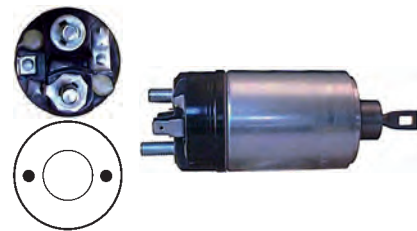
Servicing: 0001208403, 0001311050, 0001311051, 0001311052, 0001311055, 0001311056, 0001314003, 0001314008, 0001314009, 0001314010
 12 V, B+ M8, Kl. 50 M4, OD 50.10, OD/cover 49.80, Total length 142.75, Height/B+ 16.95, Width/kl. 50 13.00, Coil bolt M8, Coil bolt 2 12.55, No./terminals 3
 Cap: HC-CARGO 133777.



133487 Solenoid

Replacing: 0331450009

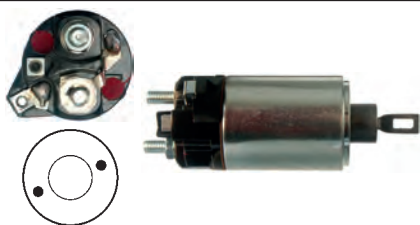
Servicing: 0001413001, 0001413003, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010, 0001413011, 0001413012, 0001413013
 12 V



133636 Solenoid

Replacing: 0331302049, 0331302046, 0331302045, 0331302044, 0331302039, 0331302029

Servicing: 0001155016, 0001155017, 0001157004, 0001208032, 0001208036, 0001208037, 0001208038, 0001208039, 0001211012, 0001211013
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 50.25, OD/cover 50.00, Total length 145.00, Height/B+ 17.25, Width/kl. 15a 12.55, Width/kl. 50 14.45, Coil bolt M8, Coil bolt 2 13.15, No./terminals 4
 Cap: HC-CARGO 130479.

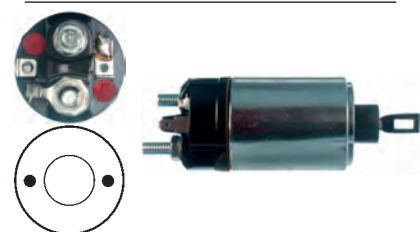

133642 Solenoid

Replacing: 0331302050, 0331302026, 0331302015, 0331302009, 0331302003, 0331302002

Servicing: 0001208001, 0001208003, 0001208009, 0001208025, 0001208026, 0001208033, 0001208048, 0001209002, 0001209003, 0001209008

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 4.70, OD 5.15, OD/cover 50.00, Total length 145.00, Height/B+ 17.25, Width/kl. 15a 5.00, Width/kl. 50 6.00, Coil bolt M8, Coil bolt 2 13.40, No./terminals 4

Cap: HC-CARGO 132778.

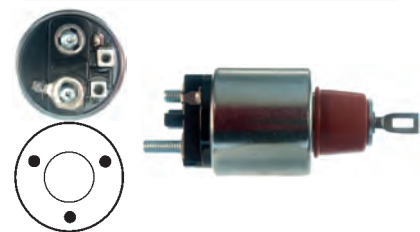

133643 Solenoid

Replacing: 0331302056

Servicing: 0001311042, 0001314001, 0001314004, B001315003

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, OD 51.40, OD/cover 49.35, Total length 148.40, Height/B+ 19.00, Width/kl. 15a 9.65, Width/kl. 50 13.55, Coil bolt M8, Coil bolt 2 9.80, No./terminals 4

Cap: HC-CARGO 132781.


133644 Solenoid

Replacing: 0331303021, 0331303012

Servicing: 0001312103, 0001314005, 0001314028, 0001314029, 0001314030, 0001314041, B001315038, B001315118, B001315141, B001315143

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 4.70, ID/cover 26.75, OD 56.25, OD/cover 49.45, Total length 142.20, Height/B+ 19.80, Width/kl. 15a 6.35, Width/kl. 50 8.30, Coil bolt M8, Coil bolt 2 12.55, No./terminals 4

Cap: HC-CARGO 132780.

Alternative no.: 333555

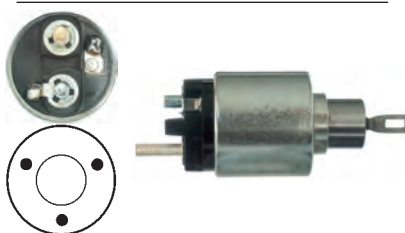

134376 Solenoid

Replacing: 0331303604, 0331303557, 0331303104, 0331303057

Servicing: 0001212213, 0001212214, 0001212402, 0001212403, 9000692078, B001229016, B001229202

12 V, B+ M8, Kl. 50 6.30, ID/cover 26.95, OD 56.30, OD/cover 49.30, Total length 153.40, Height/B+ 34.95, Width/kl. 50 12.00, Coil bolt M8, Coil bolt 2 12.20, No./terminals 3

Cap: HC-CARGO 133148.


134378 Solenoid

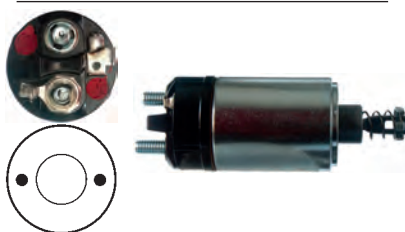
Manufacturer: Bosch

Replacing: 2339303429, 2339303402, 2339303234, 0331303234, 0331303101

Servicing: 0001110022, 0001110023, 0001110045, 0001110046, 0001110066, 0001110067, 0001110106, 0001110107, B001117129, B001117154

12 V, B+ M8, Kl. 50 6.30, ID/cover 27.20, OD 56.25, OD/cover 49.55, Total length 146.40, Height/B+ 25.00, Width/kl. 50 13.20, Coil bolt M8, Coil bolt 2 10.00, No./terminals 3

Cap: HC-CARGO 131315.


134823 Solenoid

Replacing: 0331302524, 0331302074, 0331302032, 0331302024

Servicing: 0001212002, 0001212003, 0001212005, 0001212006, 0001212007, 0001212008, 0001212012, 0001212013, 0001212209, B001229009

12 V, B+ M8, Kl. 50 6.30, OD 50.10, OD/cover 50.75, Total length 147.40, Height/B+ 17.15, Width/kl. 50 12.45, Coil bolt M8, Coil bolt 2 12.70, No./terminals 3

Cap: HC-CARGO 131335.


134824 Solenoid

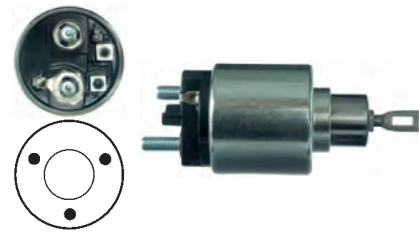
Replacing: F000SH0136, F000SH0133, F000SH0120, F000SH0102, 9330081068, 2339303724, 2339303722, 2339303418

Servicing: 0001107003, 0001107004, 0001107008, 0001107020, 0001107021, 0001107022, 0001107023, 0001107025, 0001107026, 0001107052

12 V, B+ M8, Kl. 50 4.70, ID/cover 26.80, OD 56.30, OD/cover 49.65, Total length 145.25, Height/B+ 19.75, Coil bolt M8, Coil bolt 2 12.25, No./terminals 3

Cap: HC-CARGO 134825.

Alternative no.: 333145

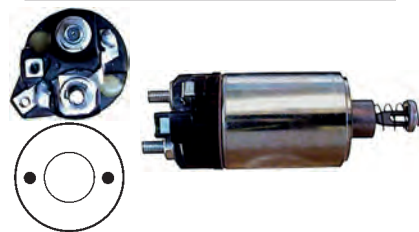

135065 Solenoid

Replacing: 0331303053, 0331303035

Servicing: 0001108120, 0001110011, 0001110016, 0001110078, 0001314027, 0001314035, 0001314036, B001111010, B001111044, B001111326

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 4.70, ID/cover 26.95, OD 56.30, OD/cover 49.40, Total length 140.25, Height/B+ 20.30, Width/kl. 15a 6.35, Width/kl. 50 7.80, Coil bolt M8, Coil bolt 2 11.85, No./terminals 4

Cap: HC-CARGO 132780.

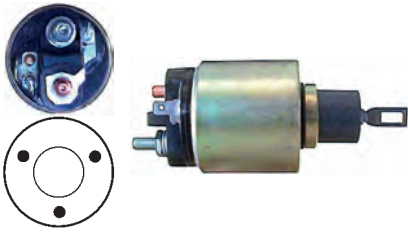

135358 Solenoid

Replacing: 0331502097, 0331302597, 0331302107, 0331302072, 0331302061, 0331302058

Servicing: 0001208227, 0001212011, 0001215001, 0001215003, 0001312100, 0001312102, 0001312110, 0001312111, B001322012, B001322022

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 4.70, OD 50.00, OD/cover 50.85, Total length 149.20, Height/B+ 16.75, Width/kl. 15a 4.75, Width/kl. 50 5.60, Coil bolt M8, Coil bolt 2 13.10, No./terminals 4

Cap: HC-CARGO 132778.

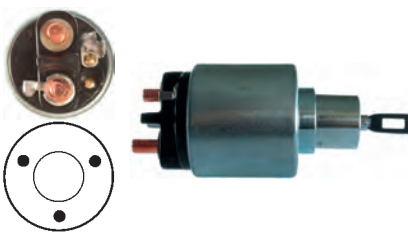


135526 Solenoid

Replacing: 9330331002, 0331303665, 0331303165

Servicing: 0001218152, 0001218812, 0001218817, 0001218818, 9000331201, 9000331203, 9000331421, 9000331423, 9000331428, 9000331430

12 V, B+ M8, Kl. 50 6.30, ID/cover 26.95, OD 56.30, OD/cover 49.30, Total length 141.00, Height/B+ 20.55, Width/kl. 50 10.65, Coil bolt M8, Coil bolt 2 8.25, No./terminals 3
Cap: HC-CARGO 132779.



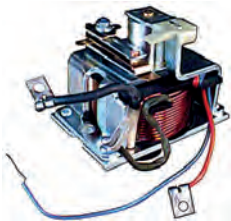
135583 Solenoid

Manufacturer: Bosch

Replacing: 0331303050

Servicing: 0001218002, 0001218151, 0001218164, 0001218602, 0001218764, 9000331420, B001233035, B001233190

12 V, B+ M8, Kl. 50 6.30, ID/cover 27.25, OD 56.40, OD/cover 49.60, Total length 118.60, Height/B+ 14.00, Width/kl. 50 11.75, Coil bolt M8, Coil bolt 2 9.65, No./terminals 3
Cap: HC-CARGO 131315.



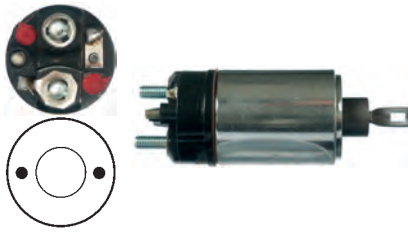
135862 Solenoid

Manufacturer: Remy

Replacing: 0331450010

Servicing: 0001413004, 0001413005, 0001418009, 0001418011, B001418009

12 V
Insulated return.

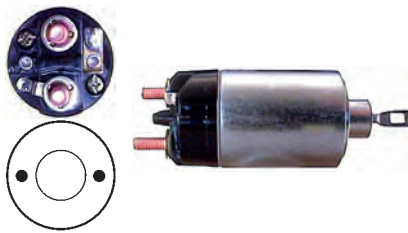


135878 Solenoid

Replacing: 0331302053

Servicing: 0001208050, 0001208250, 0001217001, 0001311032, 0001311033, 0001311034, 0001311037, 0001311038, 0001311048

12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, OD 50.30, OD/cover 49.45, Total length 145.15, Height/B+ 17.00, Width/kl. 15a 9.15, Width/kl. 50 12.30, Coil bolt M8, Coil bolt 2 13.15, No./terminals 3
Cap: HC-CARGO 131334.

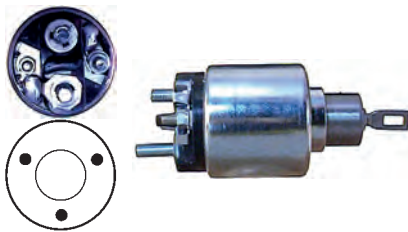


136025 Solenoid

Replacing: 0331302543, 0331302052, 0331302043, 0331302034, 0331302030, 0331302027, 0331302025, 0331302011

Servicing: 0001208006, 0001208007, 0001208014, 0001208017, 0001208018, 0001208023, 0001208024, 0001208029, 0001208032, 0001211005

12 V, B+ M8, Kl. 50 6.30, OD 50.85, OD/cover 49.70, Total length 146.70, Height/B+ 17.15, Width/kl. 50 12.15, Coil bolt M8, Coil bolt 2 12.75, No./terminals 3
Cap: HC-CARGO 131335.

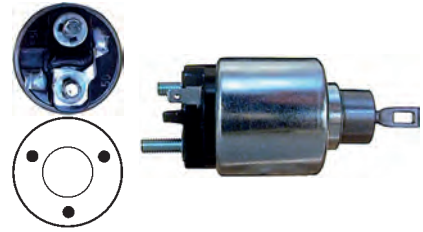


136036 Solenoid

Replacing: 2339303246, 2339303244, 0331303617, 0331303616, 0331303120, 0331303117, 0331303116, 0331303105

Servicing: 0001108018, 0001108042, 0001108063, 0001108064, 0001108065, 0001108108, 0001108115, 0001108145, 0001110041, 0001110042

12 V, B+ M8, Kl. 15a M5, Kl. 50 M6, ID/cover 26.90, OD 56.25, OD/cover 49.40, Total length 140.60, Height/B+ 19.70, Width/kl. 15a 13.10, Width/kl. 50 14.00, Coil bolt M8, Coil bolt 2 11.80, No./terminals 4
Cap: HC-CARGO 136108. w/ 30H terminal.



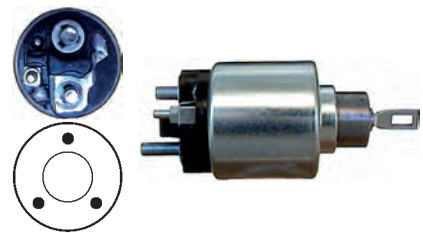
136369 Solenoid

Replacing: 2339303311, 2339303223, 2339303209, 0331303562, 0331303155, 0331303121, 0331303072, 0331303062

Servicing: 0001108022, 0001108051, 0001108074, 0001108143, 0001108180, 0001108182, 0001110003, 0001110026, 0001110089, 0001110095

12 V, B+ M8, Kl. 50 6.30, ID/cover 27.00, OD 56.30, OD/cover 49.20, Total length 136.60, Height/B+ 20.00, Width/kl. 50 13.15, Coil bolt M8, Coil bolt 2 11.70, No./terminals 3
Cap: HC-CARGO 132779.

Alternative no.: 333546

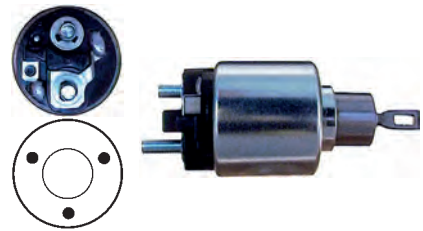


136370 Solenoid

Replacing: 0331303106

Servicing: 0001108051, 0001108056, B001111150, B001111170

12 V, B+ M8, Kl. 50 M5, ID/cover 26.90, OD 56.30, OD/cover 49.40, Total length 136.55, Height/B+ 20.00, Width/kl. 50 12.90, Coil bolt M8, Coil bolt 2 11.90, No./terminals 3
Cap: HC-CARGO 137706.



136371 Solenoid

Replacing: 2339303261, 0331303263, 0331303135, 0331303115, 0331303017

Servicing: 0001108098, 0001110039, 0001110053, 0001110113, 0001211231, B001111071, B001117050, B001117148, B001117149

12 V, B+ M8, Kl. 50 4.70, ID/cover 27.00, OD 56.25, OD/cover 49.40, Total length 140.00, Height/B+ 19.30, Width/kl. 50 8.40, Coil bolt M8, Coil bolt 2 11.75, No./terminals 3
Cap: HC-CARGO 139213.


136544 Solenoid

Replacing: 0331302106, 0331302088
Servicing: 0001208203, 0001208205, 0001208214, 0001208406, 0001311146, 9000142101, 9000142102, B001208085, B001208101
 12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, OD 50.00, OD/cover 49.85, Total length 143.65, Height/B+ 16.90, Width/kl. 15a 14.75, Width/kl. 50 12.50, Coil bolt M8, Coil bolt 2 13.15, No./terminals 4
Cap: HC-CARGO 130479.


136615 Solenoid

Replacing: 2339303245, 0331303146
Servicing: 0001110071, 0001110072, 0001218171, B001117153, B001117157, B001117161
 12 V, B+ M8, Kl. 30h M5, Kl. 50 M6, ID/cover 27.10, OD 56.25, OD/cover 49.50, Total length 145.75, Height/B+ 15.00, Width/kl. 30h 10.70, Width/kl. 50 13.55, Coil bolt M8, Coil bolt 2 10.15, No./terminals 4
Cap: HC-CARGO 136108. w/ 30H terminal.


136717 Solenoid

Replacing: 9330331006, 2339303858
Servicing: 0001218168, 0001218768, 0001218820, 0001218821, 9000331432, 9000331433
 12 V, B+ M8, Kl. 50 6.30, ID/cover 26.90, OD 56.35, OD/cover 49.25, Total length 142.80, Height/B+ 20.75, Width/kl. 50 11.50, Coil bolt M8, Coil bolt 2 8.70, No./terminals 3
Cap: HC-CARGO 132779.


136779 Solenoid

Replacing: 9330141039, 2339303252, 0331303095
Servicing: 0001112007, 0001112032, 9000333114, B001180019
 12 V, B+ M8, Kl. 50 6.30, ID/cover 27.00, OD 56.35, OD/cover 49.45, Total length 133.45, Height/B+ 14.80, Width/kl. 50 11.60, Coil bolt M8, Coil bolt 2 10.20, No./terminals 3
Cap: HC-CARGO 132779.


136786 Solenoid

Manufacturer: Bosch
Replacing: 2339303236, 0331303630, 0331303236, 0331303130
Servicing: 0001107019, 0001108085, 0001108086, 0001108130, 0001108138, B001110044, B001111164, B001111257, B001111258, B001111399
 12 V, B+ M8, Kl. 50 M5, ID/cover 27.20, OD 56.45, OD/cover 49.90, Total length 128.85, Height/B+ 29.45, Width/kl. 50 8.15, Coil bolt M8, Coil bolt 2 18.65, No./terminals 3
Cap: HC-CARGO 231054.


136852 Solenoid

Replacing: 2339303407, 2339303324, 2339303291, 2339303248, 2339303229, 0331303229, 0331303145
Servicing: 0001108113, 0001108114, 0001108174, 0001108175, 0001108220, 0001108221, 0001110122, 0001110123, 0001110126, 0001110127
 12 V, B+ M8, Kl. 50 6.30, ID/cover 27.25, OD 56.45, OD/cover 49.25, Total length 123.80, Height/B+ 19.50, Width/kl. 50 13.90, Coil bolt M8, Coil bolt 2 9.25, No./terminals 3
Cap: HC-CARGO 137815.


137175 Solenoid

Replacing: 2339303272, 1331303613, 0331303633, 0331303618, 0331303272, 0331303133, 0331303118
Servicing: 0001110040, 0001110047, 0001110059, B001117250, B001117255, B001117272
 12 V, B+ M8, Kl. 50 M6, ID/cover 27.00, OD 56.25, OD/cover 49.20, Total length 141.00, Height/B+ 20.50, Width/kl. 50 16.15, Coil bolt M8, Coil bolt 2 12.00, No./terminals 3
Cap: HC-CARGO 138003.


137232 Solenoid

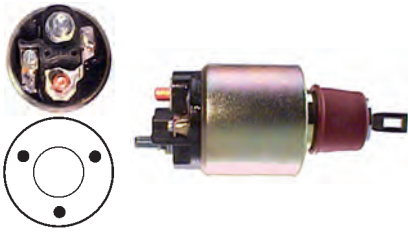
Replacing: 2339402611, 2339402111, 0331402607, 0331402107
Servicing: 0001367077, 0001369014, B001828111
 12 V, B+ M10, ID/cover 29.95, OD 60.75, OD/cover 53.15, Total length 171.00, Height/B+ 24.00, Width/kl. 50 2.20, Coil bolt M10, Coil bolt 2 17.60, No./terminals 3
Cap: HC-CARGO 131317.

Alternative no.: 333495


137266 Solenoid

Replacing: 2339303318, 2339303315, 2339303312, 2339303220, 0331303642, 0331303142
Servicing: 0001107010, 0001107038, 0001107092, 0001107093, 0001108197, 0001109015, 0001109042, 0001109052, 0001109055, 0001109062
 12 V, B+ M8, Kl. 50 M6, ID/cover 27.00, OD 56.15, OD/cover 49.55, Total length 133.80, Height/B+ 13.45, Width/kl. 50 10.20, Coil bolt M8, Coil bolt 2 7.90, No./terminals 3
Cap: HC-CARGO 138003.

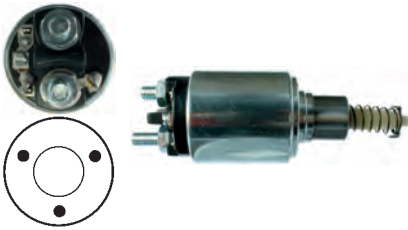
Alternative no.: 333150



137276 Solenoid

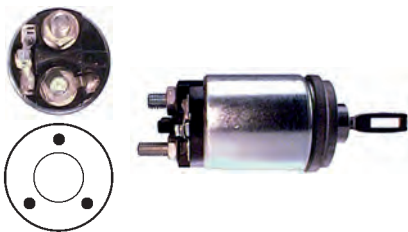
Replacing: 9330331510, 9330331010
 Servicing: 0001218172, 0001218772, 0001223002, 0001223016, 0001223021
 12 V, B+ M8, ID/cover 27.10, OD 56.35, OD/cover 49.20, Total length 142.00, Height/B+ 20.20, Width/kl. 50 8.00, Coil bolt M8, Coil bolt 2 12.00, No./terminals 3
 Cap: HC-CARGO 139213.

Alternative no.: 333141



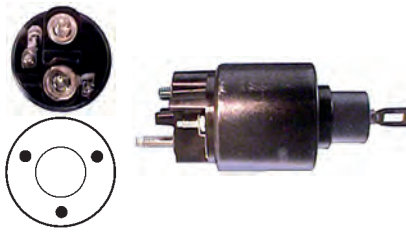
137368 Solenoid

Replacing: 0331402011
 Servicing: 0001365004, 0001365005, 0001365006, 0001365007, 0001365008, B001819001, B001819009, B001819015, B001819117
 12 V, B+ M10, ID/cover 30.00, OD 60.85, OD/cover 53.25, Total length 182.30, Height/B+ 24.30, Width/kl. 50 2.85, Coil bolt M10, Coil bolt 2 16.65, No./terminals 3
 Cap: HC-CARGO 131318.



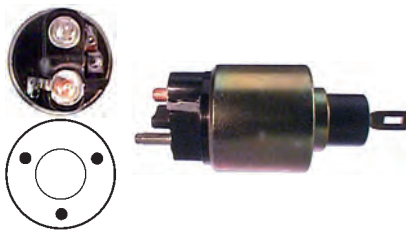
137443 Solenoid

Replacing: 0331401509, 0331401016, 0331401009
 Servicing: 0001354012, 0001354027, 0001354038, 0001354055, 0001354083, 0001354084, 0001354094, 0001354096, 0001354108, 0001354113
 12 V, B+ M10, ID/cover 29.85, OD 61.00, OD/cover 53.15, Total length 175.15, Height/B+ 23.75, Width/kl. 50 2.85, Coil bolt M10, Coil bolt 2 17.60, No./terminals 3
 Cap: HC-CARGO 134383.



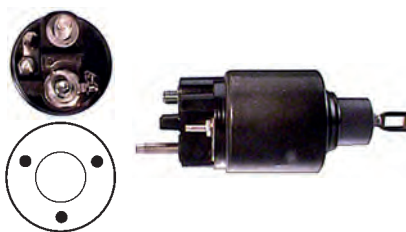
137490 Solenoid

Manufacturer: Bosch
 Replacing: 2339303237, 0331303643, 0331303143
 Servicing: 0001108074, 0001108112, 0001108125, 0001108128, 0001112019, 0001112029, B001111347, B001111390, B001111432, B001180044
 12 V, B+ M8, Kl. 50 M5, ID/cover 27.20, OD 56.20, OD/cover 49.75, Total length 148.75, Height/B+ 21.30, Width/kl. 50 11.25, Coil bolt M8, Coil bolt 2 7.65, No./terminals 3
 Cap: HC-CARGO 139525.



137491 Solenoid

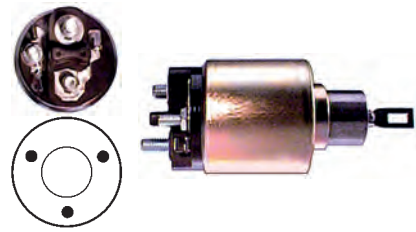
Manufacturer: Bosch
 Replacing: 9330331001, 2339303857
 Servicing: 0001218157, 0001218757, 0001223001, 0001223014
 12 V, B+ M8, Kl. 50 M5, ID/cover 27.00, OD 56.30, OD/cover 49.35, Total length 152.20, Height/B+ 22.75, Width/kl. 50 9.45, Coil bolt M8, Coil bolt 2 7.90, No./terminals 3
 Cap: HC-CARGO 231565.



137612 Solenoid

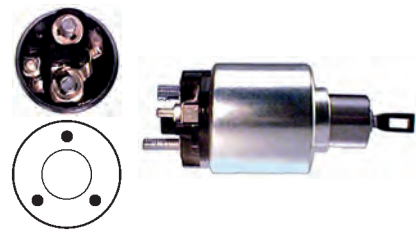
Replacing: F00SH0131, F00SH0125, F00SH0131, F00SH0125, 2339304008
 Servicing: 0001108162, 0001112041, 0001116003
 12 V, B+ M8, Kl. 50 M5, ID/cover 27.10, OD 56.40, OD/cover 49.80, Total length 147.30, Height/B+ 21.40, Width/kl. 50 10.30, Coil bolt M8, Coil bolt 2 7.25, No./terminals 3
 Cap: HC-CARGO 234845.

Alternative no.: 333590



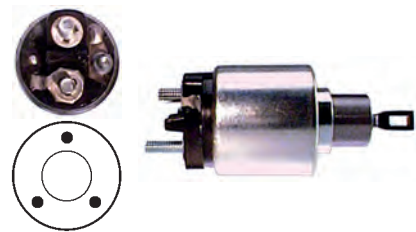
137613 Solenoid

Replacing: 2339303706, 2339303206, 2339303201, 2339303001
 Servicing: 0001107034, 0001107045, 0001107056, 0001107100, 0001107101, 0001107108, 0001108148, 0001108170, B001110097, F005M00001
 12 V, B+ M8, Kl. 50 M6, ID/cover 27.15, OD 56.40, OD/cover 49.25, Total length 124.25, Height/B+ 16.40, Width/kl. 50 10.25, No./terminals 3
 Cap: HC-CARGO 138003.



137693 Solenoid

Replacing: 9330081061, 9330081060, 0331303607, 0331303107
 Servicing: 0001108052, 0001108056, 0001108154, 9000081007, 9000082072, 9000082074, B001111171
 12 V, B+ M8, Kl. 50 M5, ID/cover 27.00, OD 56.30, OD/cover 49.40, Total length 140.30, Height/B+ 20.25, Width/kl. 50 8.45, Coil bolt M8, Coil bolt 2 12.25, No./terminals 3
 Cap: HC-CARGO 137706.



137696 Solenoid

Replacing: 2339303273, 0331303134
 Servicing: 0001110060, 0001110073, B001117271, B001117274
 12 V, B+ M8, Kl. 50 M6, ID/cover 27.00, OD 56.35, OD/cover 49.00, Total length 140.45, Height/B+ 20.10, Width/kl. 50 8.90, Coil bolt M8, Coil bolt 2 12.15, No./terminals 3
 Cap: HC-CARGO 138004.


137877 Solenoid

Replacing: 2339303712, 2339303212

Servicing: 0001110102

 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 26.90, OD 56.40,
 OD/cover 49.80, Total length 132.50,
 Height/B+ 60.00, Width/kl. 50 15.00,
 Coil bolt M8, Coil bolt 2 8.30,
 No./terminals 3

Cap: HC-CARGO 232416.


137879 Solenoid

 Replacing: 2339304046, 2339304040,
 2339304013, 2339304010, 2339304009,
 2339304005

 Servicing: 0001107442, 0001107443,
 0001108157, 0001108169, 0001108196,
 0001108230, 0001108245, 0001108401,
 0001109025, 0001109200

 12 V, B+ M8, Kl. 30h M5, Kl. 50 M6,
 ID/cover 24.15, OD 52.15,
 OD/cover 45.65, Total length 136.30,
 Height/B+ 14.00, Width/kl. 30h 7.70,
 Width/kl. 50 9.90, Coil bolt M8,
 Coil bolt 2 7.40, No./terminals 4
 Cap: HC-CARGO 231558.

Alternative no.: 333565


137951 Solenoid

Replacing: 0331303659, 0331303159

Servicing: 0001108123, B001111412

 12 V, B+ M8, Kl. 50 M6,
 ID/cover 27.00, OD 56.15,
 OD/cover 49.65, Total length 137.65,
 Height/B+ 14.45, Width/kl. 50 10.00,
 Coil bolt M8, Coil bolt 2 8.75,
 No./terminals 3
 Cap: HC-CARGO 138003.

137982 Solenoid

 Replacing: 2339303438, 2339303411,
 2339303254

 Servicing: 0001107054, 0001107055,
 0001107068, 0001107069, 0001107073,
 0001107074

 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30,
 ID/cover 27.25, OD 56.40,
 OD/cover 49.70, Total length 143.60,
 Height/B+ 24.80, Width/kl. 15a 14.00,
 Width/kl. 50 13.75, Coil bolt M8,
 Coil bolt 2 10.30, No./terminals 4
 Cap: HC-CARGO 139598.

138005 Solenoid

 Replacing: 2339303208, 0331303169,
 0331303137

 Servicing: 0001107033, 0001108070,
 0001108103, 0001108104, 0001108105,
 0001108129, 0001108134, 0001108135,
 0001108995, 0001108996

 12 V, B+ M8, Kl. 50 M5,
 ID/cover 27.00, OD 56.30,
 OD/cover 49.75, Total length 140.55,
 Height/B+ 19.80, Width/kl. 50 17.60,
 Coil bolt M8, Coil bolt 2 12.25,
 No./terminals 3
 Cap: HC-CARGO 138006.

138313 Solenoid

 Replacing: 0331402606, 0331402106,
 0311402606

 Servicing: 0001369015, 0001369021,
 0001369200, B001828107, B001828113

 12 V, B+ M8, ID/cover 30.00,
 OD 60.85, OD/cover 54.00,
 Total length 171.00, Height/B+ 23.85,
 Width/kl. 15a 2.65, Width/kl. 50 3.15,
 Coil bolt M10, Coil bolt 2 24.00,
 No./terminals 4
 Cap: HC-CARGO 232024.

138763 Solenoid

Replacing: 2339304050, 2339304047, 2339304015

 Servicing: 0001107043, 0001107062, 0001107087,
 0001107407, 0001107410, 0001107417,
 0001107418, 0001107499, 0001107500, 0001107501

 12 V, B+ M8, Kl. 50 M6,
 ID/cover 24.00, OD 52.45, OD/cover 45.30,
 Total length 111.70, Height/B+ 13.10,
 Width/kl. 50 14.45, Coil bolt M8,
 Coil bolt 2 9.35, No./terminals 3
 Cap: HC-CARGO 137349.

Alternative no.: 333163


138877 Solenoid

 Replacing: 2339304053, 2339304001,
 0331304053, 0331304001

 Servicing: 0001106011, 0001106020,
 0001107016, 0001107040, 0001107041,
 0001107046, 0001107059, 0001107082,
 0001107107, 0001108121

 12 V, B+ M8, Kl. 50 M6,
 ID/cover 24.25, OD 52.00, OD/cover 45.85,
 Total length 130.55, Height/B+ 14.60,
 Width/kl. 50 14.80, Coil bolt M8,
 Coil bolt 2 9.55, No./terminals 3
 Cap: HC-CARGO 137349.

Alternative no.: 333149

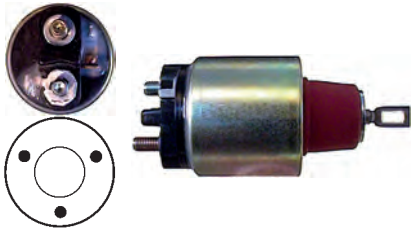

138971 Solenoid

Replacing: 0331303640, 0331303540, 0331303140

 Servicing: 0001107014, 0001107027, 0001107028,
 0001107029, 0001108035, 0001108040,
 0001108071, 0001108082, 0001108083, 0001108084

 12 V, B+ M8, Kl. 50 M6,
 ID/cover 27.00, OD 56.25, OD/cover 49.30,
 Total length 140.00, Height/B+ 19.70,
 Width/kl. 50 15.80, Coil bolt M8,
 Coil bolt 2 11.75, No./terminals 3
 Cap: HC-CARGO 138004.

Alternative no.: 333148

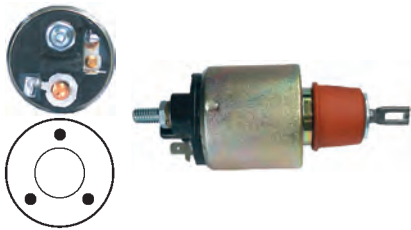


139014 Solenoid

Replacing: 9330331009, 2339303279, 0331303668, 0331303168

Servicing: 0001108144, 0001109008, 0001109040, 0001109043, 0001109044, 0001110120, 0001218171, 0001218771, 0001314047, 0001314048

12 V, B+ M8, Kl. 50 6.30,
ID/cover 27.00, OD 56.30,
OD/cover 50.00, Total length 140.45,
Height/B+ 13.70, Width/kl. 50 10.60,
Coil bolt M8, Coil bolt 2 8.15,
No./terminals 3
Cap: HC-CARGO 131315.

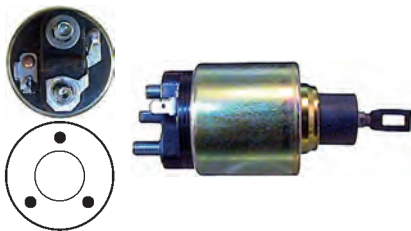


139018 Solenoid

Replacing: 9330331012

Servicing: 0001218173

12 V, B+ M8, Kl. 50 6.30,
ID/cover 27.20, OD 56.30,
OD/cover 50.00, Total length 146.00,
Height/B+ 19.85, Width/kl. 50 14.50,
Coil bolt M8, Coil bolt 2 8.95,
No./terminals 3
Cap: HC-CARGO 131315.

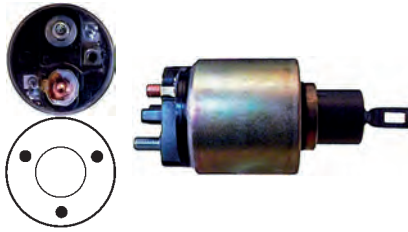


139019 Solenoid

Replacing: 2339304003

Servicing: 0001107047, 0001112036

12 V, B+ M8, Kl. 50 6.30,
ID/cover 24.00, OD 52.30,
OD/cover 45.80, Total length 130.00,
Height/B+ 14.25, Width/kl. 50 11.40,
Coil bolt M8, Coil bolt 2 8.95,
No./terminals 3
Cap: HC-CARGO 231815.

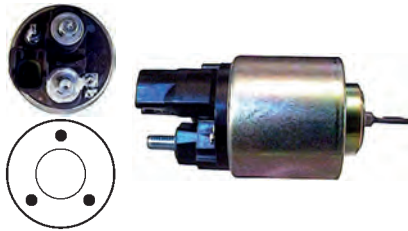


139068 Solenoid

Replacing: 0331303103

Servicing: 0001218025, 0001218029, 0001218107, 0001218109, 0001218160, B001233017, B001233112, B001233168, B001233174

12 V, B+ M8, Kl. 50 4.70,
ID/cover 27.00, OD 56.25, OD/cover 49.85,
Total length 137.85, Height/B+ 14.15,
Width/kl. 50 7.40, Coil bolt M8,
Coil bolt 2 8.40, No./terminals 3
Cap: HC-CARGO 132780.



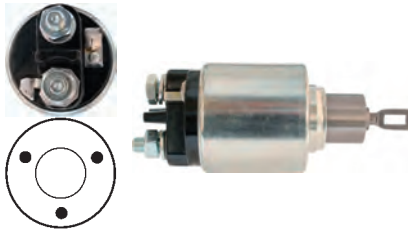
139069 Solenoid

Replacing: 2339303839, 2339303306, 2339303294, 2339303202

Servicing: 0001107030, 0001107075, 0001107079, 0001109034, 0001110132, B001110240, F000AL0321

12 V, B+ M8, ID/cover 26.30, OD 56.25,
OD/cover 49.65, Total length 124.15,
Height/B+ 13.80, Coil bolt M8,
Coil bolt 2 8.35, No./terminals 3
Cap: HC-CARGO 139597.

Alternative no.: 333601

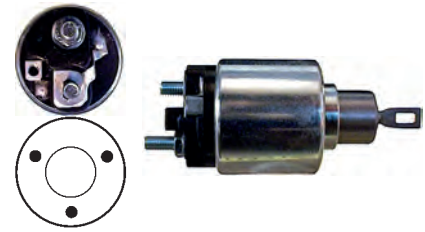


139075 Solenoid

Replacing: 2339304069, 2339304068, 2339304023, 2339304007, 2339304006

Servicing: 0001106014, 0001107062, 0001107067, 0001107072, 0001107076, 0001107078, 0001107083, 0001107096, 0001107403, 0001108166

12 V, B+ M8, Kl. 50 6.30,
ID/cover 24.10, OD 52.25, OD/cover 45.30,
Total length 127.00, Height/B+ 14.00,
Width/kl. 50 12.00, Coil bolt M8,
Coil bolt 2 9.35, No./terminals 3
Cap: HC-CARGO 231802.

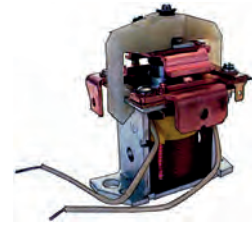


139212 Solenoid

Replacing: 9330091064, 9330081064, 0331303522, 0331303022

Servicing: 0001208209, 0001208226, 9000081006, 9000082064, 9000082076, 9000082078, 9000142001, 9000142002, 9000142014, B001208122

12 V, B+ M8, Kl. 50 M5,
ID/cover 27.00, OD 56.25,
OD/cover 49.55, Total length 141.30,
Height/B+ 20.75, Width/kl. 50 8.45,
Coil bolt M8, Coil bolt 2 11.95,
No./terminals 3
Cap: HC-CARGO 138926.

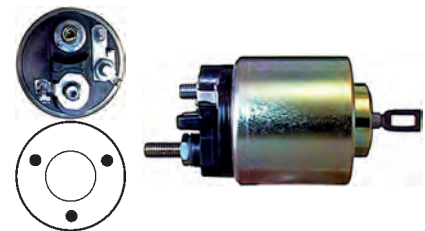


139466 Solenoid

Manufacturer: Remy

Replacing: 0331101012

Servicing: 0001413004, 0001413005, 0001418009, 0001418011, B001418009
12 V, OD 69.30, Total length 92.00
Insulated return.



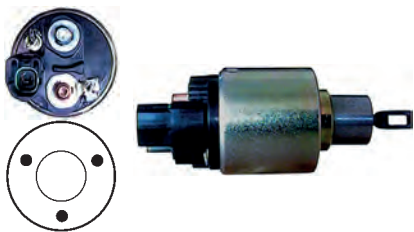
139498 Solenoid

Replacing: F010SH0105, F000SH0123, 2339303394, 2339303227

Servicing: 0001108202, 0001108234, 0001108235, 0001108239, 0001108240, 0001109018, 0001109030, 0001109045, 0001109048, 0001109253

12 V, B+ M8, Kl. 50 M6,
ID/cover 27.10, OD 56.20,
OD/cover 49.85, Total length 145.00,
Height/B+ 20.90, Width/kl. 50 14.15,
Coil bolt M8, Coil bolt 2 9.10,
No./terminals 3
Cap: HC-CARGO 138004.

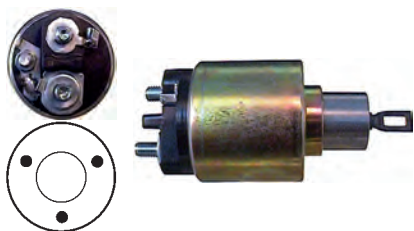
Alternative no.: 333592


139500 5★ Solenoid

Manufacturer: Bosch

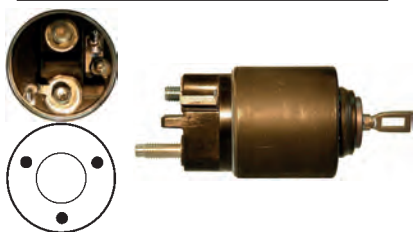
Replacing: 9330331004, 2339303853, 2339303820, 2339303320

Servicing: 0001107088, 0001218166, 0001218766, 9001107088, F005M00021

 12 V, B+ M8, Kl. 50 4.70, ID/cover 27.00, OD 56.40, OD/cover 49.85, Total length 100.90, Height/B+ 14.55, Coil bolt M8, Coil bolt 2 9.25, No./terminals 3
 Cap: HC-CARGO 139597.

139549 Solenoid

Replacing: 0331303317, 0331303164

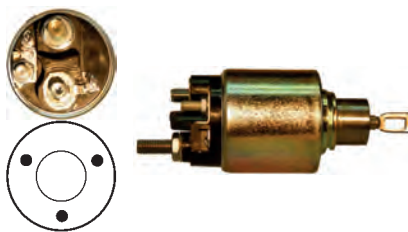
Servicing: 0001107011, 0001107039, 0001112018, B001110092, B001180055

 12 V, B+ M8, Kl. 50 M6, ID/cover 27.10, OD 56.30, OD/cover 49.95, Total length 133.90, Height/B+ 12.30, Width/kl. 50 13.30, Coil bolt M8, Coil bolt 2 9.00, No./terminals 3
 Cap: HC-CARGO 138004.

230115 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304011

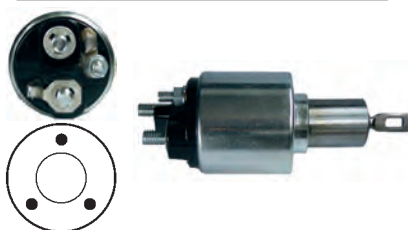
Servicing: 0001107063, 0001107176, 0001108176, 0001108183, 0001109026

 12 V, B+ M8, Kl. 50 M5, ID/cover 24.00, OD 52.20, OD/cover 45.60, Total length 141.85, Height/B+ 21.35, Width/kl. 50 13.55, Coil bolt M8, Coil bolt 2 7.30, No./terminals 3
 Cap: HC-CARGO 231828.
 Alternative no.: 333999

230258 5★ Solenoid

Manufacturer: Bosch

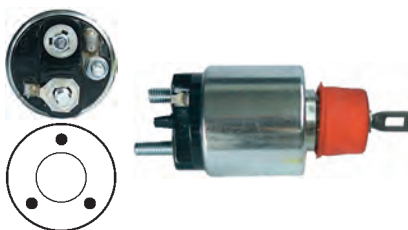
Replacing: 2339304022, 0331303670, 0331303170

Servicing: 0001107408, 0001109061, 0001113006, 0001116005

 12 V, B+ M8, Kl. 50 M6, ID/cover 24.15, OD 52.15, OD/cover 46.00, Total length 138.35, Height/B+ 20.95, Width/kl. 50 12.80, Coil bolt M8, Coil bolt 2 8.40, No./terminals 3
 Cap: HC-CARGO 231882.

230323 Solenoid

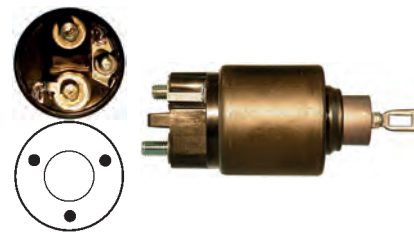
Replacing: 2339303210

Servicing: 0001107031, 0001107032, 0001108160

 12 V, B+ M8, Kl. 50 M6, ID/cover 27.00, OD 56.40, OD/cover 50.30, Total length 144.45, Height/B+ 22.50, Width/kl. 50 16.45, Coil bolt M8, Coil bolt 2 12.70, No./terminals 3
 Cap: HC-CARGO 138004.

230324 Solenoid

Replacing: 2339303221

Servicing: 0001107049, 0001108188, 9007045009, 9007045020

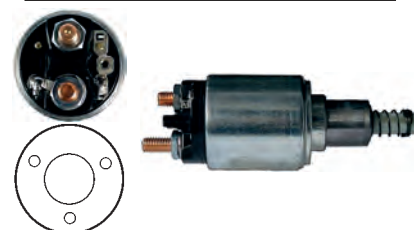
 12 V, B+ M8, Kl. 50 M6, ID/cover 27.10, OD 56.30, OD/cover 49.00, Total length 142.30, Height/B+ 20.00, Width/kl. 50 12.15, Coil bolt M8, Coil bolt 2 11.75, No./terminals 3
 Cap: HC-CARGO 138004.

230356 Solenoid

Replacing: 2339305089, 2339304069, 2339304039, 2339304021, 2339304019, 2339304018, 2339304002

Servicing: 0001107037, 0001107048, 0001107062, 0001107067, 0001107072, 0001107078, 0001107083, 0001107096, 0001107403, 0001107406

 12 V, B+ M8, Kl. 50 M6, ID/cover 24.00, OD 52.20, OD/cover 45.65, Total length 130.70, Height/B+ 12.90, Width/kl. 50 13.25, Coil bolt M8, Coil bolt 2 7.65, No./terminals 3
 Cap: HC-CARGO 233075.

Alternative no.: 333157 5★

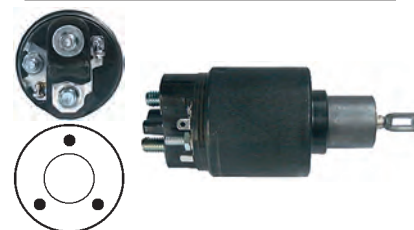

230452 Solenoid

Replacing: 2339402183, 2339402132

Servicing: 0001223506, 0001230006, 0001230012, 0001230014

 12 V, B+ M10, Kl. 50 4.70, ID/cover 30.00, OD 61.40, OD/cover 53.25, Total length 151.00, Height/B+ 25.20, Width/kl. 50 3.90, Coil bolt M10, Coil bolt 2 14.35, No./terminals 3
 Cap: HC-CARGO 231825.

Alternative no.: 333596 5★

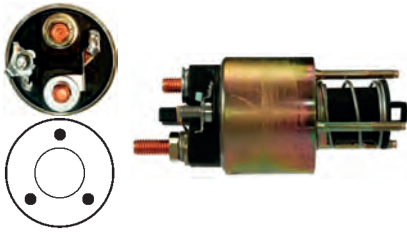

230635 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303267

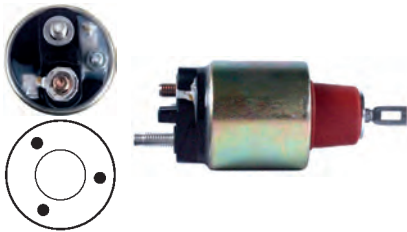
Servicing: 0001107102, 0001108197, 0001108205, 0001115005, B001115020, F000AL0319

 12 V, B+ M8, Kl. 50 M6, ID/cover 27.20, OD 56.20, OD/cover 50.20, Total length 139.40, Height/B+ 12.65, Width/kl. 50 12.95, Coil bolt M8, Coil bolt 2 7.80, No./terminals 3
 Cap: HC-CARGO 233925.



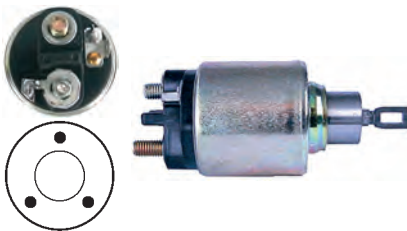
230809 Solenoid

Replacing: F000SH0127
 Servicing: F000AL0309, F000AL0310
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 25.75, OD 54.00,
 OD/cover 47.40, Total length 123.00,
 Height/B+ 23.45, Width/kl. 50 9.95,
 Coil bolt M8, Coil bolt 2 9.55,
 No./terminals 3
 Cap: HC-CARGO 139601.



230847 Solenoid

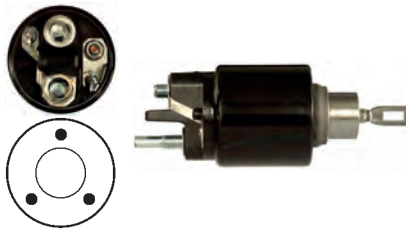
Manufacturer: Bosch
 Replacing: 2339303282
 Servicing: 0001109033
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 27.10, OD 56.25,
 OD/cover 49.75, Total length 147.20,
 Height/B+ 20.35, Width/kl. 50 10.20,
 Coil bolt M8, Coil bolt 2 9.25,
 No./terminals 3
 Cap: HC-CARGO 138004.



230848 Solenoid

Replacing: 2339304062, 2339304025,
 2339304020
 Servicing: 0001106407, 0001116001
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 24.00, OD 52.25,
 OD/cover 45.65, Total length 126.15,
 Height/B+ 14.65, Width/kl. 50 11.45,
 Coil bolt M8, Coil bolt 2 9.00,
 No./terminals 3
 Cap: HC-CARGO 234437.

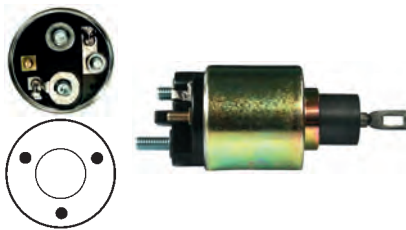
Alternative no.: 333561



231203 Solenoid

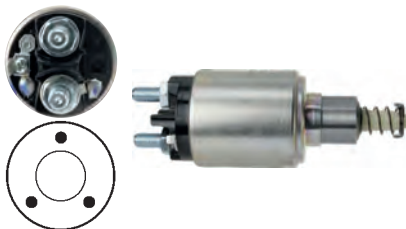
Manufacturer: Bosch
 Replacing: 2339304055, 2339304038
 Servicing: 0001106012, 0001106017
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 22.25, OD 52.30,
 OD/cover 50.30, Total length 135.85,
 Switch dim. 2.65, Height/B+ 24.40,
 Width/kl. 50 11.20, Coil bolt M8,
 Coil bolt 2 7.75, No./terminals 3
 Cap: HC-CARGO 233786. Moving contact: HC-CARGO 234439.

Alternative no.: 335000



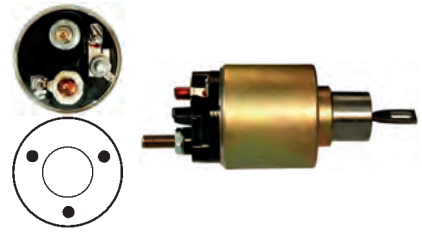
231217 Solenoid

Replacing: 2339303204, 0331303627,
 0331303127
 Servicing: 0001108080, 0001108146,
 B001111263, B001111423
 12 V, B+ M8, Kl. 15a M5, Kl. 50 M6,
 ID/cover 27.10, OD 56.25,
 OD/cover 49.50, Total length 142.00,
 Height/B+ 17.95, Width/kl. 15a 11.20,
 Width/kl. 50 9.75, Coil bolt M8,
 Coil bolt 2 7.85, No./terminals 4



231223 Solenoid

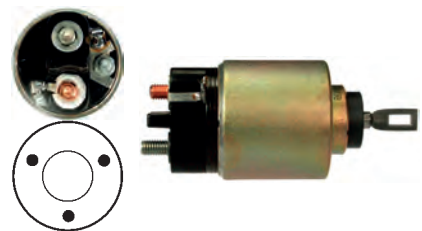
Replacing: 6033AD4031, 2339402143
 Servicing: 0001230007, 0001230020,
 0001230021, 0001230022, F002G20785
 12 V, B+ M10, Kl. 50 6.30,
 ID/cover 30.10, OD 61.35,
 OD/cover 64.10, Total length 172.35,
 Height/B+ 24.85, Width/kl. 50 14.00,
 Coil bolt M10, Coil bolt 2 23.80,
 No./terminals 3



231653 Solenoid

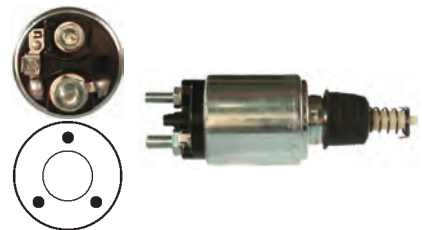
Replacing: 6033AD0312, 2339303448
 Servicing: 0001223013
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 26.35, OD 56.30,
 OD/cover 49.40, Total length 144.90,
 Switch dim. 7.40, Height/B+ 20.65,
 Width/kl. 50 13.15, Coil bolt M8,
 Coil bolt 2 10.25, No./terminals 3

Alternative no.: 333547



231790 Solenoid

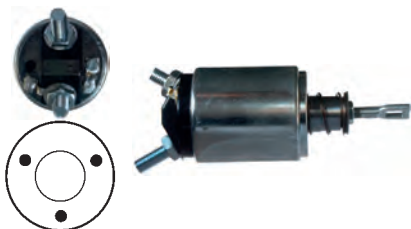
Manufacturer: Bosch
 Replacing: 2339303333, 0331303651,
 0331303151
 Servicing: 0001115012, 0001115024,
 0001218140, 0001218150, 0001218156,
 0001218162, 0001218740, 0001223005,
 B001233245, B001233264
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 26.60, OD 56.30,
 OD/cover 50.40, Total length 143.20,
 Switch dim. 7.10, Height/B+ 12.20,
 Width/kl. 50 10.00, Coil bolt M8,
 Coil bolt 2 9.00, No./terminals 3
 Cap: HC-CARGO 233488.



231801 Solenoid

Replacing: 2339402115
 Servicing: 0001369023, 0001369101,
 0001369201
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 29.95, OD 60.80,
 OD/cover 54.00, Total length 181.75,
 Height/B+ 23.95, Width/kl. 50 13.60,
 Coil bolt M10, Coil bolt 2 24.80,
 No./terminals 3
 Cap: HC-CARGO 131319.

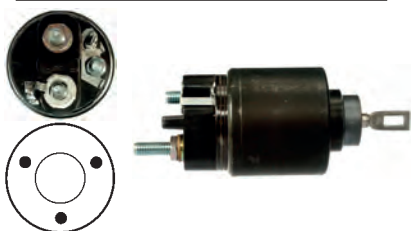
Alternative no.: 333493


231975 Solenoid

Replacing: 0331400068, 0331400008

Servicing: 0001354016, 0001354018, 0001354031, 0001354080, 0001354085, EJD1,8/12R70

12 V, B+ M10, Kl. 50 M5, OD 60.90, OD/cover 53.25, Total length 174.70, Height/B+ 27.40, Width/kl. 50 2.40, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3

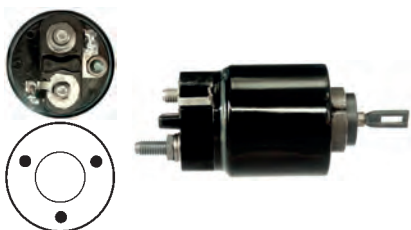

232182 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303437, 2339303410, 2339303285, 0331303410

Servicing: 0001107070, 0001107071

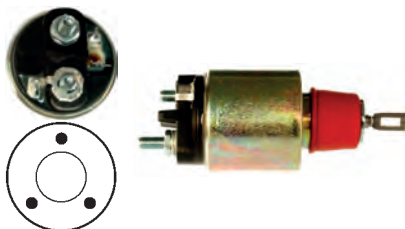
12 V, B+ M8, Kl. 50 M5, ID/cover 27.15, OD 56.50, OD/cover 49.90, Total length 156.15, Height/B+ 19.00, Width/kl. 50 13.75, Coil bolt M8, Coil bolt 2 7.65, No./terminals 3


232185 Solenoid

Replacing: 2339303386, 2339303354, 2339303319

Servicing: 0001124018, 0001124019, 0001125505, 0001125506

12 V, B+ M8, Kl. 50 M6, ID/cover 18.30, OD 56.50, OD/cover 54.50, Total length 152.00, Switch dim. 6.60, Height/B+ 15.50, Width/kl. 50 10.00, Coil bolt M8, Coil bolt 2 7.70, No./terminals 3


232186 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303309

Servicing: 0001109041

 12 V, B+ M8, Kl. 50 6.30, ID/cover 18.20, OD 56.20, OD/cover 54.60, Total length 146.40, Switch dim. 6.60, Height/B+ 18.10, Width/kl. 50 6.30, Coil bolt M8, Coil bolt 2 9.00, No./terminals 3
 Cap: HC-CARGO 131315.

232188 5★ Solenoid

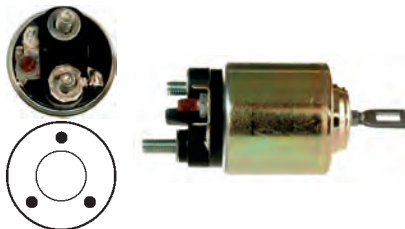
Manufacturer: Bosch

Replacing: 2339304054, 2339304033

Servicing: 0001106017, 0001106022, 0001106023, 0001106024, B001109104

12 V, B+ M8, Kl. 50 M5, ID/cover 24.25, OD 52.50, OD/cover 45.30, Total length 140.00, Height/B+ 10.00, Width/kl. 50 10.00, Coil bolt M8, Coil bolt 2 7.90, No./terminals 3

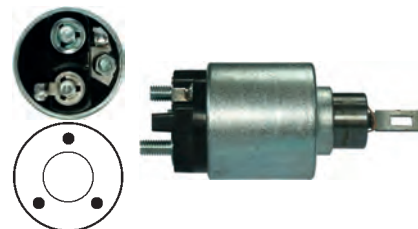
Cap: HC-CARGO 234438. Moving contact: HC-CARGO 132276.


232191 5★ Solenoid

Manufacturer: Bosch

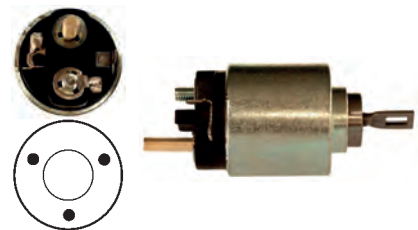
Replacing: 2339304058, 2339304024

Servicing: 0001107077, 0001107098

 12 V, B+ M8, Kl. 50 M6, ID/cover 18.20, OD 52.30, OD/cover 50.30, Switch dim. 7.00, Height/B+ 9.00, Width/kl. 50 12.60, No./terminals 3
 Cap: HC-CARGO 231882.

232420 Solenoid

Replacing: 0331303644, 0331303144

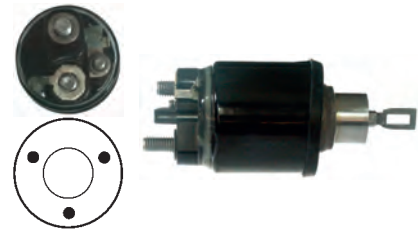
Servicing: 0001218132, 0001218133, 0001218147, 0001218159, 0001218759, B001233238, B001233256

 12 V, B+ M8, Kl. 50 M6, ID/cover 27.15, OD 56.35, OD/cover 49.35, Total length 135.75, Height/B+ 60.00, Width/kl. 50 9.25, Coil bolt M8, Coil bolt 2 9.25, No./terminals 3
 Cap: HC-CARGO 232421.

233480 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303230, 0331303662, 0331303162

Servicing: 0001107017, 0001107018, B001110043, B001110081

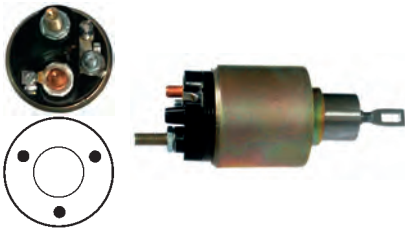
 12 V, B+ M8, OD 56.35, OD/cover 49.75, Total length 146.45, Height/B+ 24.90, No./terminals 4
 Cap: HC-CARGO 139598.

233577 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304057, 2339304032, 2339304029

Servicing: 0001106015, 0001107401, 0001107402, 0001107404, 0001107405, 0001107409, 0001107429, 0001107435, 0001107436, 0001107437

12 V, B+ M8, Kl. 50 M6, ID/cover 21.00, OD 50.00, OD/cover 50.00, Total length 110.00, Height/B+ 14.00, Width/kl. 50 10.70, Coil bolt M8, Coil bolt 2 9.00, No./terminals 3

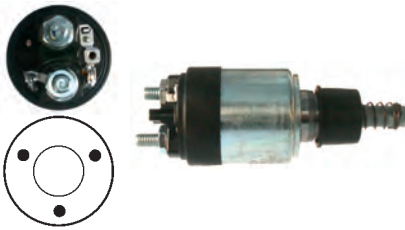

233578 Solenoid

Replacing: 6033AD1113, 6033AD0074, 2339303842

Servicing: 0001223003, 0001223007, 0001223024

12 V, B+ M8, Kl. 50 M6, OD 56.25, OD/cover 49.80, Total length 150.80, Height/B+ 16.80, Width/kl. 50 10.35, No./terminals 3

Alternative no.: 333240

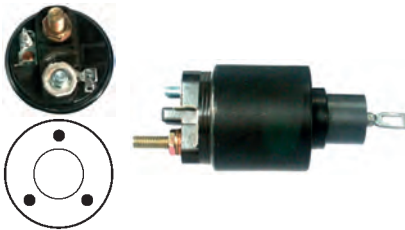

233579 Solenoid

Manufacturer: Bosch

Replacing: 0331402203

Servicing: 0001362091, 0001369024, B001812372

12 V, B+ M10, Kl. 50 4.70, ID/cover 29.95, OD 61.30, OD/cover 63.60, Total length 174.00, Height/B+ 20.00, Width/kl. 50 3.65, Coil bolt M10, Coil bolt 2 15.10, No./terminals 3


233716 Solenoid

Manufacturer: Bosch

Replacing: 2339303432, 2339303405, 2339303316, 2339303289

Servicing: 0001107073, 0001107074, 0001109021, 0001109022, 0001109066, 0001109067, 0001124020, 0001124021, B001116092

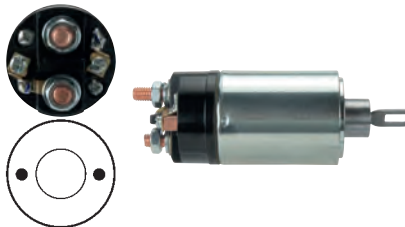
 12 V, B+ M8, Kl. 50 6.30, ID/cover 27.00, OD 56.40, OD/cover 49.55, Total length 143.75, Height/B+ 18.55, Width/kl. 50 13.75, Coil bolt M8, Coil bolt 2 9.00, No./terminals 3
 Cap: HC-CARGO 137815.

233796 Solenoid

Replacing: F000SH0203, 9337043526

Servicing: 6004AA0018, 9007045018

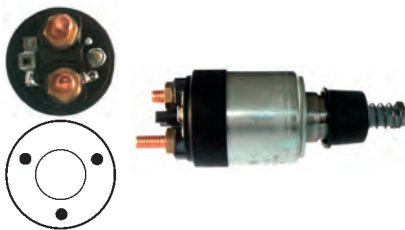
12 V, B+ M8, Kl. 50 6.30, OD 56.40, Total length 140.00, Height/B+ 15.60, Width/kl. 50 15.00, Coil bolt M8, Coil bolt 2 10.70, No./terminals 3


233896 Solenoid

Replacing: 9330041001, 0331302560, 0331302060

Servicing: 0001311050, 0001311051, 0001311052, 0001311053, 0001311054, 0001311055, 0001311056, 0001314003, 0001314008, 0001314009

12 V, B+ M8, OD 51.40, OD/cover 49.45, Total length 149.00, Height/B+ 19.60, Width/kl. 50 4.85, Coil bolt M8, Coil bolt 2 10.30, No./terminals 3


233933 Solenoid

Replacing: 2339402126, 2339402118

Servicing: 0001367061, B001816377

12 V, B+ M10, Kl. 15a 4.70, Kl. 50 M4, ID/cover 29.95, OD 61.30, OD/cover 63.65, Total length 179.45, Height/B+ 24.75, Width/kl. 15a 2.45, Width/kl. 50 14.30, Coil bolt M10, Coil bolt 2 14.10, No./terminals 4

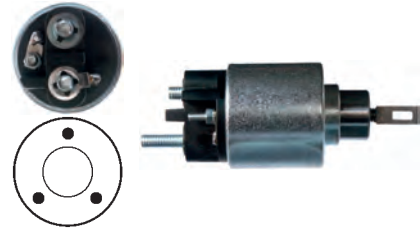

234287 Solenoid

Replacing: 2339402140

Servicing: 0001223504, 0001230023, 0001230026, 0001362105

12 V, B+ M10, Kl. 50 6.30, ID/cover 30.15, OD 61.30, OD/cover 64.20, Total length 179.00, Height/B+ 25.35, Width/kl. 50 13.70, Coil bolt M10, Coil bolt 2 24.30, No./terminals 3

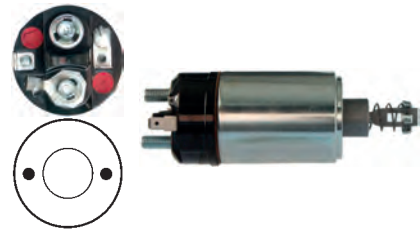
Alternative no.: 333494


234434 Solenoid

Manufacturer: Bosch

Replacing: 2339303322

Servicing: 0001108186

 12 V, B+ M8, Kl. 50 M5, ID/cover 27.20, OD 56.40, OD/cover 49.70, Total length 147.55, Height/B+ 23.20, Width/kl. 50 14.40, Coil bolt M8, Coil bolt 2 7.80, No./terminals 4
 Cap: HC-CARGO 139525.

234857 Solenoid

Replacing: 0331302097

Servicing: 0001212208, 0001212209, 0001312100, B001322002

 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 50.15, OD/cover 49.85, Total length 148.50, Height/B+ 16.40, Width/kl. 15a 11.70, Width/kl. 50 15.45, Coil bolt M8, Coil bolt 2 14.30, No./terminals 4
 Cap: HC-CARGO 130479.


234858 Solenoid

Replacing: 0331302085, 0331302084, 0331302081

Servicing: 0001208100, 0001208202, 0001211200, 0001211241, 0001211251, 0001311103, 0001311105, 0001311106, 0001311108, 0001311114

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, OD 50.25, OD/cover 50.00, Total length 142.65, Height/B+ 16.45, Width/kl. 15a 15.90, Width/kl. 50 12.70, Coil bolt M8, Coil bolt 2 13.55, No./terminals 4


234859 Solenoid

Replacing: 2339402113

Servicing: 0001369020

12 V, B+ M8, Kl. 50 6.30, ID/cover 29.90, OD 60.80, OD/cover 53.90, Total length 172.70, Height/B+ 24.35, Width/kl. 50 15.20, Coil bolt M10, Coil bolt 2 25.00, No./terminals 3
Cap: HC-CARGO 131319.


234903 Solenoid

Manufacturer: Bosch

Replacing: 2339305232, 2339305100, 2339305048, 2339305017, 2339305004

Servicing: 0001107411, 0001107478, 0001107479, 0001107490, 0001107491, 0001108202, 0001108204, 0001108224, 0001108234, 0001108235

12 V, B+ M8, Kl. 50 M6, ID/cover 41.00, OD 52.40, OD/cover 50.30, Total length 137.00, Switch dim. 11.30, Height/B+ 21.00, Width/kl. 50 10.00, Coil bolt M8, Coil bolt 2 9.00, No./terminals 3

Alternative no.: 333998


234967 Solenoid

Manufacturer: Bosch

Replacing: 2339304026

Servicing: 0001106016, 0001107080, 0001116004

12 V, B+ M8, Kl. 50 9.40, OD 52.50, OD/cover 50.50, Total length 125.45, Height/B+ 14.00, Width/kl. 50 16.75, Coil bolt M8, Coil bolt 2 14.55, No./terminals 3
Terminal 50: 9.30 mm.


235060 Solenoid

Manufacturer: Bosch

Replacing: 2339305324, 2339305077, 2339305055, 2339305040

Servicing: 0001121032, 0001121033, 0001123012, 0001123013, 0001123014, 0001123015, 0001123016, 0001123017, 0001123018, 0001123019

12 V, B+ M8, Kl. 50 4.70, ID/cover 26.00, OD 52.25, OD/cover 45.50, Total length 153.20, Height/B+ 18.20, Coil bolt M8, Coil bolt 2 8.55, No./terminals 3

Alternative no.: 333994


235107 Solenoid

Replacing: 2339304035

Servicing: 0001106015

12 V, B+ M8, Kl. 50 M6, ID/cover 24.00, OD 52.30, OD/cover 46.30, Total length 128.35, Height/B+ 14.20, Width/kl. 50 14.20, Coil bolt M8, Coil bolt 2 8.55, No./terminals 3


235138 Solenoid

Manufacturer: Bosch

Replacing: 2339305322, 2339305074, 2339305052, 2339305024, 2339305005

Servicing: 0001107423, 0001107424, 0001107527, 0001107528, 0001120400, 0001120401, 0001120402, 0001120403

12 V, B+ M8, Kl. 50 4.70, ID/cover 25.85, OD 52.30, OD/cover 45.85, Total length 139.50, Height/B+ 22.15, Coil bolt M8, Coil bolt 2 8.60, No./terminals 3


235292 Solenoid

Replacing: 2339303335

Servicing: 0001115015, 0001115020

12 V, B+ M8, Kl. 50 M6, ID/cover 43.00, OD 54.00, OD/cover 52.00, Total length 110.30, Switch dim. 6.50, Height/B+ 13.00, Width/kl. 50 10.00, No./terminals 3


235535 Solenoid

Manufacturer: Bosch

Replacing: 2339305337, 2339305213, 2339305076, 2339305054, 2339305034, 2339305014

Servicing: 0001107427, 0001107428, 0001120406, 0001120407, 0001120408, 0001120409, 0001120410, 0001120411, 0001121402, 0001121403

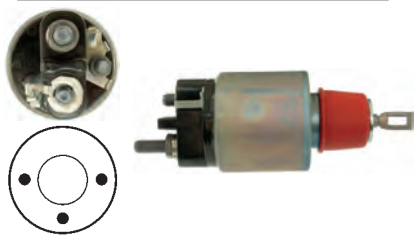
12 V, B+ M8, Kl. 50 4.70, OD 52.35, Total length 149.90, Height/B+ 17.20, Coil bolt M8, Coil bolt 2 8.20, No./terminals 3
Alternative no.: 333996



235806 Solenoid
 Manufacturer: Bosch
 Replacing: 2339402112
 Servicing: 0001362331, 0001369019
 12 V, B+ M10, Kl. 15a M5, OD 61.50,
 OD/cover 53.80, Total length 183.50,
 Height/B+ 60.00, Width/kl. 15a 15.00,
 No./terminals 3



235871 Solenoid
 Manufacturer: Bosch
 Replacing: 2339402134, 2339402128
 Servicing: 0001367082
 12 V, B+ M10, Kl. 15a 6.30, OD 61.40,
 OD/cover 64.00, Total length 176.80,
 Height/B+ 60.00, Width/kl. 15a 45.00,
 No./terminals 3



236516 Solenoid
 Manufacturer: Bosch
 Replacing: 2339303422, 2339303387,
 2339303355
 Servicing: 0001123002, 0001123003,
 0001125600, 0001125601
 12 V, B+ M8, Kl. 50 M6, OD 56.25,
 OD/cover 50.25, Total length 151.35,
 Height/B+ 24.20, Width/kl. 50 13.60,
 Coil bolt M8, Coil bolt 2 7.70,
 No./terminals 3



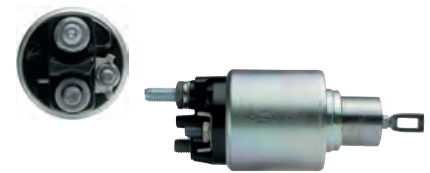
236645 Solenoid
 Replacing: 2339402149
 Servicing: 0001230002, 0001230018
 12 V, B+ M10, Kl. 50 M5, OD 61.92,
 Total length 123.00, Height/B+ 20.29,
 Width/kl. 50 10.19, No./terminals 3
Solenoid cap: HC-CARGO 231825.
 Alternative no.: 333591



236837 Solenoid
 Manufacturer: Bosch
 Replacing: 2339305047, 2339305026,
 2339305013
 Servicing: 0001107429, 0001107437,
 0001107459, 0001107460, 0001108217,
 0001108218, 0001108222, 0001108223,
 0001109250, 0001115047
 12 V, B+ M8, Kl. 50 M6, OD 52.50,
 OD/cover 45.45, Total length 128.25,
 Width/kl. 50 10.00, Coil bolt M8,
 No./terminals 3
 Alternative no.: 333997

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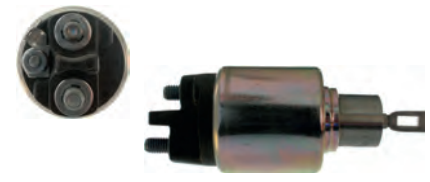
236868* Solenoid
 Replacing: 2339305120, 2339305081,
 2339305059
 Servicing: 0001107421, 0001107422,
 0001108405, 0001108406
 12 V, B+ M8, Kl. 50 Plug,
 Height/B+ 15.00



237672 Solenoid
 Manufacturer: Bosch
 Replacing: 2339305033
 Servicing: 0001105205, 0001109300,
 0001109301, 0001109302, 0001109303,
 0001109313, 0001109324, 0001109325,
 0001109332, 0001109333
 12 V, B+ M8, Kl. 50 M6, OD 52.50,
 OD/cover 45.45, Total length 129.80,
 Height/B+ 16.00, Width/kl. 50 8.80,
 Coil bolt M8, No./terminals 3
 Alternative no.: 333995



238106 Solenoid
 Manufacturer: Bosch
 Replacing: 2339305018
 Servicing: 0001108400, 0001109364
 12 V, No./terminals 3



238923 Solenoid
 Manufacturer: Bosch
 Replacing: 2339305015
 Servicing: 0001107430, 0001108402
 12 V, B+ M8, Kl. 50 6.30, OD 52.40,
 OD/cover 50.50, Total length 136.75,
 Switch dim. 6.55, Height/B+ 12.30,
 Coil bolt M8, Coil bolt 2 8.32,
 No./terminals 3


239776 Solenoid

Replacing: 2339305031

Servicing: 0001107433, 0001107434, 0001107440, 0001107441, 0001107448, 0001107449, 9001107434, F004A94434, F004A94441, F004A94449

 12 V, B+ M8, OD 52.34,
 Total length 108.98, Height/B+ 13.96,
 No./terminals 3

239841 Solenoid

Manufacturer: Bosch

Replacing: 2339305142, 2339305045

Servicing: 0001115040, 0001115041, 0001115045, 0001115046, 0001139025, 0001139026

 12 V, B+ M8, Kl. 50 M6, OD 52.28,
 Total length 98.76, Height/B+ 16.64,
 No./terminals 3

239901 Solenoid

Replacing: 2339305046

Servicing: 0001107438, 0001107439

 12 V, B+ M8, Kl. 50 M5, OD 52.28,
 Total length 96.78, Height/B+ 12.78,
 Width/kl. 50 9.16, No./terminals 3

330005 Solenoid

Manufacturer: Bosch

Replacing: 2339305030

Servicing: 0001108213, 0001108214, 0001108403, 0001108404, 0001109267

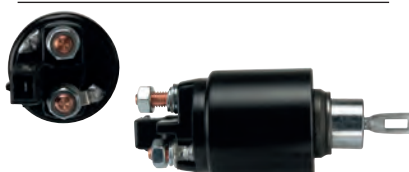
 12 V, B+ M8, Kl. 50 M6, OD 52.29,
 Total length 131.50, No./terminals 3

330030 Solenoid

Manufacturer: Bosch

Replacing: 2339305325, 2339305119, 2339305078, 2339305056, 2339305025

Servicing: 0001108206, 0001108207, 0001108228, 0001108229, 0001109258, 0001109259, 0001109260, 0001109261, 0001109319, 0001109320

 12 V, B+ M8, Kl. 50 Plug, OD 52.32,
 Total length 139.11, Height/B+ 60.00,
 Width/kl. 50 15.00, No./terminals 3

330224 Solenoid

Replacing: 2339305050

Servicing: 0001106405, 0001106406

 12 V, B+ M8, Kl. 50 Plug, OD 52.34,
 OD/cover 50.37, Total length 126.50,
 Switch dim. 6.36, Height/B+ 21.08

330259 Solenoid

Manufacturer: Bosch

Replacing: 2339305088, 2339305068, 2339305032

Servicing: 0001107452, 0001107453, 0001108415, 0001108416, 0001109064, 0001109065, 0001109275, 0001109276, 0001109315, 0001115056

 12 V, B+ M8, Kl. 50 Plug, OD 52.44,
 Total length 143.27, Height/B+ 18.05

330264 Solenoid

Replacing: 2339305062

Servicing: 0001108411, 0001108412, 0001109304, 0001109305, 0001109328, 0001109329, 0001109391, 0001109392, 0001121422, 0001121423

 12 V, B+ M8, Kl. 50 M6, OD 52.56,
 Total length 139.56, Height/B+ 17.67,
 Width/kl. 50 8.39

330491 Solenoid

Replacing: 2339305084

Servicing: 0001138001, 0001138002, 0001138043, 0001138044, 0001138049, 0001138050, 0001148015, 0001148016

 12 V, B+ M8, Kl. 50 Plug, OD 52.40,
 Total length 134.00, Height/B+ 15.70,
 Coil bolt M8, Coil bolt 2 9.00

330698 Solenoid

Manufacturer: Bosch

Replacing: 2339303396, 2339303277

Servicing: 0001121003, 0001123001, 0001124015

 12 V, B+ M8, Kl. 50 M6, OD 56.37,
 Total length 137.00, Height/B+ 60.00,
 Width/kl. 50 45.00, Coil bolt M8,
 Coil bolt 2 8.48


330787 Solenoid

Manufacturer: Bosch

Replacing: 2339305064

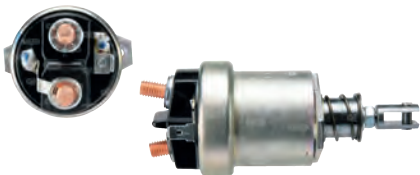
 Servicing: 0001109271, 0001109272,
0001109284, 0001109285, 0001115049,
0001115050, 0001115070, 0001115071

 12 V, B+ M8, Kl. 50 M6, OD 52.43,
Total length 138.50, Height/B+ 18.50,
Width/kl. 50 9.20, Coil bolt M8,
Coil bolt 2 8.50, No./terminals 3

331017 Solenoid

Replacing: 6033AD0026, 6033AD0025, 2339303847

Servicing: 0001218822, 0001223010, 6033AB1J00

 12 V, B+ M8, OD 56.60,
OD/cover 49.50, Total length 150.00,
Coil bolt M8, No./terminals 3

331019 Solenoid

 Replacing: 0331300025, 0331300022,
0331300019

 Servicing: 0001305012, 0001305013,
0001305016, 0001305018, 0001307007,
0001307009, 0001307017, 0001307021,
0001307022, 0001307024

 12 V, B+ M8, OD 54.60,
Total length 130.00, No./terminals 3

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331985 Solenoid

Replacing: 2339305114

 Servicing: 0001109069, 0001109070,
0001115068, 0001115069, 0001139001,
0001139002, 0001139015, 0001139016

 12 V, B+ M8, Kl. 50 M6, OD 52.30,
OD/cover 50.40, Total length 138.60,
Switch dim. 6.50, Height/B+ 12.00,
Width/kl. 50 9.00, Coil bolt M8,
Coil bolt 2 8.00, No./terminals 3

332069 Solenoid

 Replacing: 2339305339, 2339305293,
2339305158

 Servicing: Denne relæ er ikke magen til
235535 forskel på plunger. 1010 MIOL,
0001123028, 0001123029, 0001123036,
0001123037

 12 V, B+ M8, Kl. 50 4.70, OD 52.20,
Total length 133.87, Height/B+ 17.59,
Coil bolt M8, Coil bolt 2 8.30,
No./terminals 3

332153 Solenoid

Replacing: 2339305135, 2339305092

 Servicing: 0001109306, 0001109307,
0001109321, 0001109322, 0001109342,
0001109343, 0001109371, 0001109375,
0001109376

 12 V, B+ M8, Kl. 50 M6, OD 52.00,
OD/cover 51.00, Total length 126.18,
Height/B+ 24.51, Width/kl. 50 9.40,
Coil bolt M8, Coil bolt 2 8.50,
No./terminals 3

332884 Solenoid

Manufacturer: Bosch

 Replacing: 2339303397, 2339303271,
0331303118

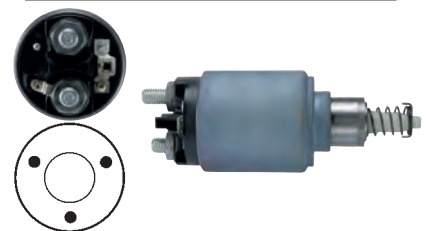
 Servicing: 0001110047, 0001115011,
0001115013

 12 V, B+ M8, Kl. 50 M6, OD 56.27,
Total length 135.81, Height/B+ 14.44,
Width/kl. 50 10.12, Coil bolt M8,
Coil bolt 2 7.49, No./terminals 3

332894 Solenoid

Replacing: 2339305111

 Servicing: 0001137001, 0001137002,
0001137003, 0001137004, 0001137011,
0001137012, 0001138011, 0001138012

 12 V, B+ M8, Kl. 50 M6, OD 52.30,
Total length 141.90, Height/B+ 60.00,
Coil bolt M8, Coil bolt 2 8.00,
No./terminals 3

333137 Solenoid

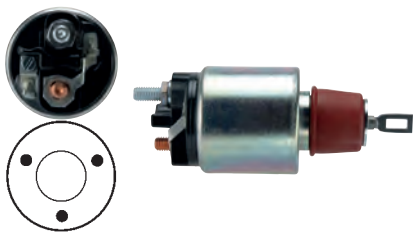
Manufacturer: Bosch

 Replacing: 2339402121, 0339402121,
0331402503, 0331402502, 0331402202,
0331402003, 0331402002, 0331401045

 Servicing: 0001358049, 0001358200,
0001358201, 0001358202, 0001359049,
0001359073, 0001359106, 0001359119,
0001359128, 0001359217

 12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S,
ID/cover 29.60, OD 61.00,
OD/cover 53.45, Total length 164.30,
Height/B+ 23.00, Width/kl. 30h 16.00,
Width/kl. 50 2.95, Coil bolt M10,
Coil bolt 2 17.00, No./terminals 3
Cap: HC-CARGO 131317.

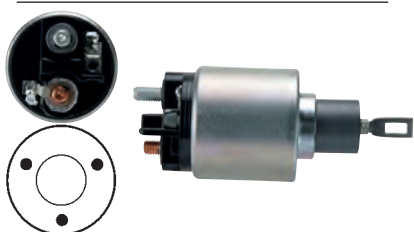
Alternative no.: 130302, 130302Z


333141 5★ Solenoid

Manufacturer: Bosch

Replacing: 9330331510, 9330331010
 12 V, B+ M8, ID/cover 27.10, OD 56.35,
 OD/cover 49.20, Total length 142.00,
 Height/B+ 20.20, Coil bolt M8,
 Coil bolt 2 12.00, No./terminals 3
 Cap: HC-CARGO 139213.

Alternative no.: 137276


333142 5★ Solenoid

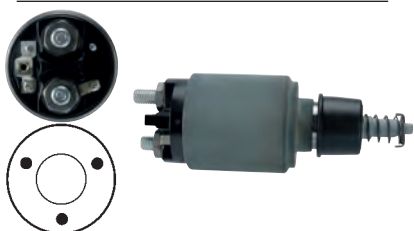
Manufacturer: Bosch

Replacing: 2339303447, 2339303263,
 2339303262, 2339303260, 2339303102,
 0331303654, 0331303154, 0331303061

Servicing: 0001108003, 0001108032,
 0001108046, 0001108066, 0001108068,
 0001108069, 0001108103, 0001108104,
 0001108124, 0001108134

12 V, B+ M8, Kl. 50 4.70,
 ID/cover 26.90, OD 56.55, OD/cover 49.50,
 Total length 140.15, Height/B+ 19.80,
 Width/kl. 50 8.60, Coil bolt M8,
 Coil bolt 2 12.30, No./terminals 3
 Cap: HC-CARGO 132780.

Alternative no.: 132258


333144 5★ Solenoid

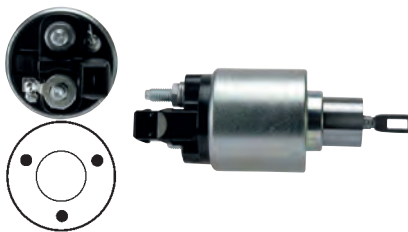
Manufacturer: Bosch

Replacing: 9330451063, 9330081028,
 2339402141, 0331402570, 0331402568,
 0331402209, 0331402070, 0331402068

Servicing: 0001362039, 0001362601,
 0001362700, 0001369007, 0001369019

12 V, B+ M10, Kl. 50 M4,
 ID/cover 30.00, OD 61.50, OD/cover 53.25,
 Total length 181.75, Height/B+ 21.00,
 Width/kl. 50 M4, No./terminals 3
 Cap: HC-CARGO 131318. Rubber boot: HC-
 CARGO 135576.

Alternative no.: 131141


333145 5★ Solenoid

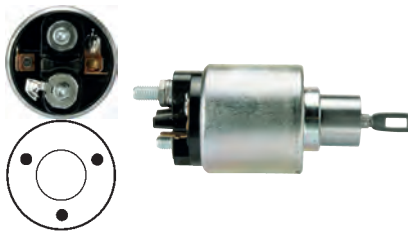
Manufacturer: Bosch

Replacing: F000SH0136, F000SH0133,
 F000SH0120, F000SH0102, 9330081068,
 2339303724, 2339303722, 2339303377

Servicing: 0001107020, 0001107021, 0001107022,
 0001107023, 0001107025, 0001107026,
 0001107052, 0001107053, 0001107103, 0001107104

12 V, B+ M8, Kl. 50 4.70, ID/cover 26.80,
 OD 56.30, OD/cover 49.65, Coil bolt M8,
 Coil bolt 2 12.25, Total length 145.25,
 Height/B+ 19.75, No./terminals 3
 Cap: HC-CARGO 134825.

Alternative no.: 134824


333146 5★ Solenoid

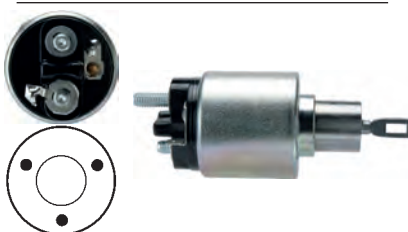
Manufacturer: Bosch

Replacing: F000SH0180, 9330043502,
 9330043002, 2339303435, 2339303408,
 2339303363, 2339303321, 2339303231

Servicing: 0001106001, 0001106002, 0001107003,
 0001107004, 0001107007, 0001107008,
 0001108001, 0001108002, 0001108005, 0001108006

12 V, B+ M8, Kl. 50 6.30, OD 56.35,
 OD/cover 49.70, Total length 138.00,
 Height/B+ 18.60, Width/kl. 50 13.85,
 Coil bolt M8, Coil bolt 2 14.30
 Cap: HC-CARGO 131337.

Alternative no.: 131586

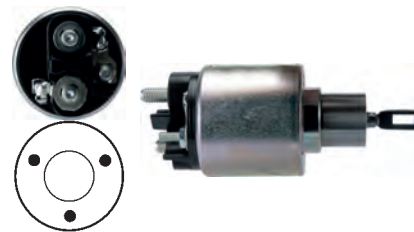

333147 5★ Solenoid

Manufacturer: Bosch

Replacing: 9330081065, 2339303296,
 0331303653, 0331303506, 0331303156,
 0331303153, 0331303058, 0331303049

12 V, B+ M8, Kl. 30h M8, Kl. 50 6.30,
 ID/cover 27.10, OD 56.35,
 OD/cover 49.35, Total length 140.80,
 Height/B+ 20.00, Width/kl. 30h 14.45,
 Width/kl. 50 12.50, Coil bolt M8,
 Coil bolt 2 12.60, No./terminals 3
 Cap: HC-CARGO 131315.

Alternative no.: 131143, 333665


333148 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331303640, 0331303540,
 0331303140

12 V, B+ M8, Kl. 50 M6,
 ID/cover 27.00, OD 56.25,
 OD/cover 49.30, Total length 140.00,
 Height/B+ 19.70, Width/kl. 50 15.80,
 Coil bolt M8, Coil bolt 2 11.75,
 No./terminals 3
 Cap: HC-CARGO 138004.

Alternative no.: 138971


333149 5★ Solenoid

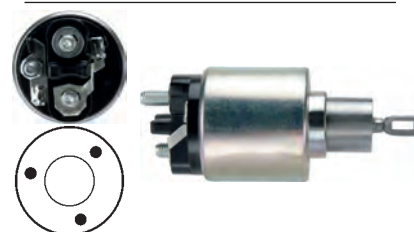
Manufacturer: Bosch

Replacing: 2339304053, 2339304001,
 0331304053, 0331304001

12 V, B+ M8, Kl. 50 M6,
 ID/cover 24.25, OD 52.00,
 OD/cover 48.85, Total length 130.55,
 Height/B+ 14.60, Width/kl. 50 14.80,
 Coil bolt M8, Coil bolt 2 9.55,
 No./terminals 3

Cap: HC-CARGO 137349.

Alternative no.: 138877


333150 5★ Solenoid

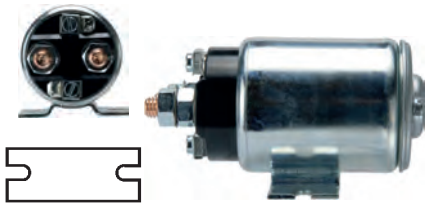
Manufacturer: Bosch

Replacing: 2339303318, 2339303315,
 2339303312, 2339303220, 0331303642,
 0331303142

12 V, B+ M8, Kl. 50 M6,
 ID/cover 27.00, OD 56.15,
 OD/cover 49.55, Total length 133.80,
 Height/B+ 13.45, Width/kl. 50 10.20,
 Coil bolt M8, Coil bolt 2 7.90,
 No./terminals 3

Cap: HC-CARGO 138003.

Alternative no.: 137266


333153 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333009004

 12 V, 150 Amp, Intermittent load 800 Amp.,
B+ M8, OD 51.75,

OD/cover 44.00, Total length 100.15,

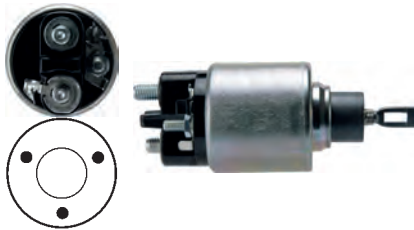
Height/B+ 17.75, Coil bolt M8,

Coil bolt 2 17.75, Seconds 5,

No./terminals 4

Silver contact. Insulated return.

Alternative no.: 131373, 131373Z


333157 5★ Solenoid

Manufacturer: Bosch

 Replacing: 2339305089, 2339304069,
2339304039, 2339304021, 2339304019,
2339304018, 2339304002

 Servicing: 0001107037, 0001107048,
0001107072, 0001107096, 0001107403,
0001107406, 0001108184, 0001109014,
0001109036, 0001110112

12 V, B+ M8, Kl. 50 M6,

ID/cover 24.00, OD 52.20,

OD/cover 45.65, Total length 130.70,

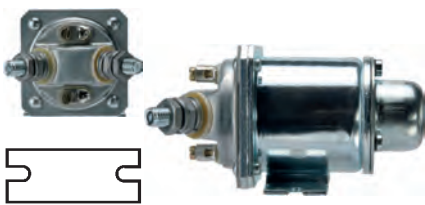
Height/B+ 12.90, Width/kl. 50 13.25,

Coil bolt M8, Coil bolt 2 7.65,

No./terminals 3

Cap: HC-CARGO 233075.

Alternative no.: 230356


333160 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333006005, 0333006004

 12 V, 80 Amp, Intermittent load 500 Amp.,
B+ M8, Kl. 50 6.30, OD 52.10,

OD/cover 45.20, Total length 101.75,

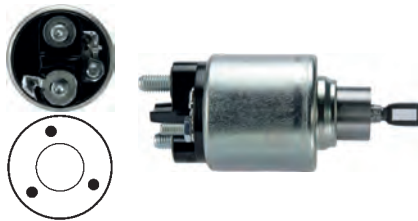
Height/B+ 17.50, Width/kl. 50 10.65,

Coil bolt M8, Coil bolt 2 17.50,

Seconds 5, No./terminals 4

Water proof. Silver contact. Insulated return.

Alternative no.: 131370


333163 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304050, 2339304047, 2339304015

 Servicing: 0001107062, 0001107417, 0001107418,
0001107499, 0001107500, 0001107501,

0001107502, 0001108408, 0001108430, 0001108431

12 V, B+ M8, Kl. 30h M10, Kl. 50 M6,

ID/cover 24.00, OD 52.45, OD/cover 45.30,

Total length 111.70, Height/B+ 13.10,

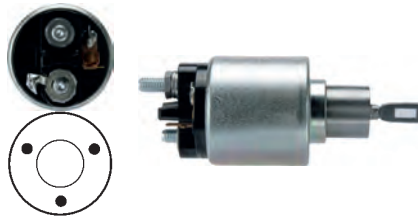
Width/kl. 30h 45.00, Width/kl. 50 14.45,

Coil bolt M8, Coil bolt 2 9.35,

No./terminals 3

Cap: HC-CARGO 137349.

Alternative no.: 138763


333166 5★ Solenoid

Manufacturer: Bosch

 Replacing: 2339303296, 0331303570,
0331303070, 0331303064, 0331303045, 0331303043

Servicing: 9000695002

12 V, B+ M8, Kl. 50 6.30,

ID/cover 26.75, OD 56.25, OD/cover 49.30,

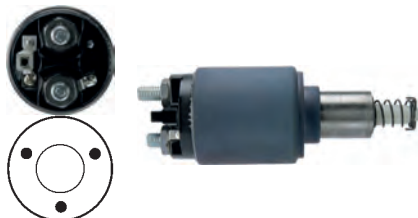
Total length 139.75, Height/B+ 20.45,

Width/kl. 50 11.25, Coil bolt M8,

Coil bolt 2 12.25, No./terminals 3

Cap: HC-CARGO 133202.

Alternative no.: 132827


333168 5★ Solenoid

Manufacturer: Bosch

 Replacing: 0331402704, 0331402539,
0331402535, 0331402530, 0331402519,

0331402504, 0331402501, 0331402205

Servicing: 0001358051, 0001359008, 0001359074,

0001359075, 0001359090, 0001359095,

0001359102, 0001359107, 0001359108, 0001359122

12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S,

ID/cover 29.80, OD 61.30,

OD/cover 53.35, Total length 164.00,

Height/B+ 24.00, Width/kl. 30h 16.45,

Width/kl. 50 3.30, Coil bolt M10,

Coil bolt 2 17.00, No./terminals 3

Cap: HC-CARGO 131318.

Alternative no.: 130301, 130301Z


333239 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303412, 2339303377

Servicing: 0001107103, 0001121006,

0001121007, 0001121008, 0001121016,

0001121017, 0001121018, 0001121019,

0001121022, 0001121023

12 V, B+ M8, OD 33.00,

Total length 100.00


333240 5★ Solenoid

Manufacturer: Bosch

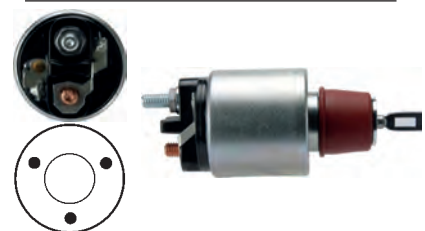
Replacing: 6033AD1113, 6033AD0074,

2339303842

Servicing: 0001223003, 0001223024

12 V, OD 33.00, Total length 101.50

Alternative no.: 233578


333241 5★ Solenoid

Manufacturer: Bosch

Replacing: 9330331006, 2339303858

Servicing: 0001218168, 0001218768

12 V, B+ M8, Kl. 50 6.30,

OD 56.37, Total length 142.64,

Height/B+ 15.45, Width/kl. 50 11.50,

Coil bolt M8, Coil bolt 2 8.70,

No./terminals 3

Alternative no.: 136717


333242 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339304037
 Servicing: 0001109046

12 V, B+ M8, Kl. 50 Plug, OD 33.05,
 Total length 123.00, Height/B+ 14.45,
 Width/kl. 50 30.00


333243 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339305051

Servicing: 0001109205, 0001109324,
 0001109387, 0001109388, 0001115088,
 0001115089, 0001115092, 0001115093
 12 V, B+ M8, Kl. 15a M6, OD 52.00,
 Total length 93.00


333310 Solenoid

Replacing: 2339303266
 Servicing: 0001107064

12 V, B+ M8, Kl. 50 M6, OD 56.40,
 OD/cover 49.90, Total length 143.45,
 Height/B+ 23.00, Coil bolt M8,
 Coil bolt 2 15.00, No./terminals 3


333316 Solenoid

Replacing: 2339305066
 Servicing: 0001109273, 0001109274,
 0001115051, 0001115052, 0001115073,
 0001115076, 0001115077

12 V, B+ M8, Kl. 50 M6, OD 53.00,
 OD/cover 45.30, Total length 117.00,
 Coil bolt M8, No./terminals 3


333321 Solenoid

Replacing: 2339402119
 Servicing: 0001230001

12 V, B+ M10, Kl. 50 M4,
 OD 61.50, OD/cover 54.50,
 Total length 166.50, No./terminals 3


333395 Solenoid

Replacing: 2339304070
 Servicing: 0001108428, 0001108429

12 V, B+ M8, Kl. 50 M5, OD 52.50,
 OD/cover 45.30, Total length 140.00,
 Height/B+ 28.00, Width/kl. 50 20.00,
 Coil bolt M8, No./terminals 3


333483 5★ Solenoid

Manufacturer: Bosch
 Replacing: 0333009018

24 V, B+ M8, Kl. 15a M5, Kl. 50 M5,
 OD 49.50, OD/cover 42.50,
 Total length 112.20, Height/B+ 45.00,
 Width/kl. 15a 60.00, Width/kl. 50 30.00,
 Coil bolt M8, No./terminals 4
 Alternative no.: 333628


333493 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339402115

Servicing: 0001369023, 0001369201
 12 V, B+ M8, Kl. 50 6.30, OD 61.50,
 OD/cover 54.00, Total length 112.20,
 Switch dim. 19.50, Height/B+ 15.00,
 Coil bolt M10, Coil bolt 2 19.00,
 No./terminals 3
 Alternative no.: 231801


333494 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339402140

Servicing: 0001223504, 0001230023,
 0001230026

12 V, B+ M10, Kl. 50 6.30, OD 61.50,
 OD/cover 54.00, Total length 112.20,
 Switch dim. 19.50, Height/B+ 19.50,
 Width/kl. 50 13.00, Coil bolt M10,
 No./terminals 3

Alternative no.: 234287


333495 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402611, 2339402111,
 0331402607, 0331402107

Servicing: 0001367077, 0001369014
 12 V, B+ M10, Kl. 50 M4, OD 61.50,
 OD/cover 54.00, Total length 108.00,
 Switch dim. 19.30, Height/B+ 25.60,
 Coil bolt M10, No./terminals 3

Alternative no.: 137232


333545 5★ Solenoid

Manufacturer: Bosch

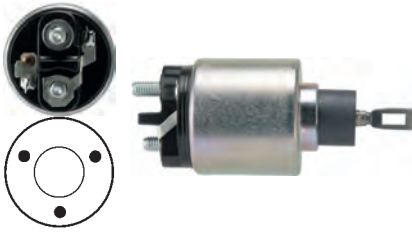
Replacing: 0331303555, 0331303132,
 0331303076, 0331303056, 0331303055

Servicing: 0001110009, 0001110010,
 0001208425, 0001208426, 0001208428,
 0001211251, 0001211252, 0001211253,
 0001211254, 0001212211

12 V, B+ M8, Kl. 50 6.30, OD 56.30,
 OD/cover 50.10, Total length 98.60,
 Height/B+ 30.50, Width/kl. 50 13.60,
 Coil bolt M8, Coil bolt 2 12.75,
 No./terminals 3

Cap: HC-CARGO 133148.

Alternative no.: 133421


333546 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303311, 2339303223, 2339303209, 0331303562, 0331303155, 0331303121, 0331303072, 0331303062

Servicing: 0001108051, 0001108143, 0001108180, 0001108182, 0001110003, 0001110026, 0001110089, 0001110095, 0001110114, 0001112025

12 V, B+ M8, Kl. 50 6.30, OD 56.40, OD/cover 50.20, Total length 81.80, Switch dim. 10.70, Height/B+ 20.00, Width/kl. 50 12.20, Coil bolt M8, Coil bolt 2 11.70, No./terminals 3

Alternative no.: 136369


333547 5★ Solenoid

Manufacturer: Bosch

Replacing: 6033AD0312, 2339303448

12 V, B+ M8, Kl. 50 M6, OD 56.40, OD/cover 49.70, Total length 92.20, Switch dim. 10.70, Height/B+ 16.50, Width/kl. 50 9.80, Coil bolt M8, Coil bolt 2 9.00, No./terminals 3

Alternative no.: 231653


333555 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331303021, 0331303012, 0331303011

Servicing: 0001312101

12 V, B+ M8, Kl. 15a M5, Kl. 50 M4, OD 56.40, OD/cover 49.90, Total length 87.10, Switch dim. 10.60, Height/B+ 20.50, Coil bolt M8, No./terminals 4

Alternative no.: 133644


333565 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304046, 2339304040, 2339304013, 2339304010, 2339304009, 2339304005

Servicing: 0001107442, 0001107443, 0001108157, 0001108230, 0001108401, 0001109025, 0001109200, 0001109201

12 V, B+ M8, Kl. 30h M5, Kl. 50 M6, OD 52.30, OD/cover 45.70, Total length 95.70, Height/B+ 24.70, Width/kl. 30h 7.70, Width/kl. 50 9.90, Coil bolt M8, Coil bolt 2 7.40, No./terminals 4

Alternative no.: 137879


333568 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331303597, 0331303560, 0331303122, 0331303097, 0331303091, 0331303090, 0331303083, 0331303060

Servicing: 0001208211, 0001208213, 0001218003, 0001218012, 0001218013, 0001218018, 0001218019, 0001218020, 0001218024, 0001218101

12 V, B+ M8, Kl. 50 6.30, OD 56.50, OD/cover 50.00, Total length 92.80, Switch dim. 10.70, Height/B+ 26.00, Width/kl. 50 13.40, Coil bolt M8, No./terminals 3

Alternative no.: 132267


333572 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303413, 2339303378, 2339303345, 2339303293

Servicing: 0001107009, 0001107085, 0001108099, 0001109012, 0001109017, 0001109049, 0001110001, 0001110002, 0001110068, 0001110133

12 V, B+ M8, Kl. 50 6.30, OD 56.30, OD/cover 49.70, Total length 87.60, Switch dim. 10.60, Height/B+ 20.80, Width/kl. 50 12.50, Coil bolt M8, Coil bolt 2 12.60, No./terminals 3

Alternative no.: 131143


333586 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331402524, 0331402024

Servicing: 0001358202, 0001359094, 0001362307, 0001367071

12 V, B+ M10, Kl. 50 M4, OD 61.50, OD/cover 54.00, Total length 108.20, Height/B+ 25.70, Coil bolt M10, No./terminals 3

Alternative no.: 132253


333587 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331402513, 0331402200, 0331402013

Servicing: 0001359084, 0001359111, 0001367034, 0001367039, 0001367059

12 V, B+ M10, Kl. 50 M6, OD 61.60, OD/cover 54.00, Total length 103.00, Height/B+ 20.50, Coil bolt M10, No./terminals 3

Alternative no.: 131042


333590 5★ Solenoid

Manufacturer: Bosch

Replacing: F00SH0131, F00SH0125, F00SH0131, F00SH0125, 2339304008

Servicing: 0001112041, F000AL0325, F000AL0327

12 V, B+ M8, Kl. 50 M5, OD 56.60, OD/cover 49.60, Total length 94.40, Height/B+ 20.00, Width/kl. 50 13.30, Coil bolt M8, No./terminals 3

Alternative no.: 137612


333591 Solenoid

Manufacturer: Bosch

Replacing: 2339402149

Servicing: 0001230002, 0001230018

12 V, B+ M10, Kl. 50 M5, OD 61.50, OD/cover 53.90, Total length 112.50, Switch dim. 19.30, Height/B+ 25.10, Width/kl. 50 10.20, Coil bolt M10, No./terminals 3

Alternative no.: 236645


333592 Solenoid

Manufacturer: Bosch

Replacing: F010SH0105, F000SH0123, 2339303227

Servicing: 0001109018, 0001109030, 0001109045, 0001109048, 0001109253, F002G20506

12 V, B+ M8, Kl. 50 M6, OD 56.50, OD/cover 49.80, Total length 92.30, Height/B+ 20.40, Width/kl. 50 12.80, Coil bolt M8, No./terminals 3

Alternative no.: 139498


333596 Solenoid

Manufacturer: Bosch

Replacing: 2339402132

Servicing: 0001223506, 0001230006, 0001230012

12 V, B+ M10, Kl. 50 M4, OD 61.60, OD/cover 54.00, Total length 108.00, Height/B+ 24.50, Coil bolt M10, No./terminals 3

Alternative no.: 230452


333601 Solenoid

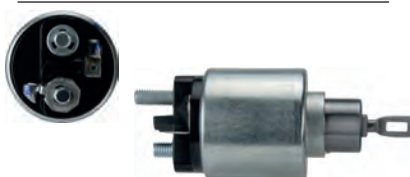
Manufacturer: Bosch

Replacing: 2339303839, 2339303306, 2339303294, 2339303202

Servicing: 0001109034

12 V, B+ M8, Kl. 50 Plug, OD 56.50, OD/cover 49.80, Total length 92.30, Switch dim. 10.60, Height/B+ 13.80, Coil bolt M8, No./terminals 3

Alternative no.: 139069


333665 Solenoid

Replacing: 2339303296, 0331303653, 0331303506, 0331303156, 0331303153, 0331303058, 0331303049, 0331303026

12 V, B+ M8, Kl. 50 6.30, OD 56.35, OD/cover 49.35, Total length 140.80, Height/B+ 20.00, Coil bolt M8, Coil bolt 2 12.50, No./terminals 3

Alternative no.: 131143, 333147

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333744 Solenoid

Replacing: 2339402131

Servicing: 0001230003, 0001230005

12 V, B+ M10, Kl. 50 M5, OD 61.35, OD/cover 53.85, Total length 174.50, Height/B+ 19.90, Coil bolt M10, Coil bolt 2 10.00, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

333780 Solenoid

Replacing: 2339305236, 2339305145

Servicing: 0001139029, 0001139030, 0001139408, 0001139409

12 V, B+ M8, Kl. 50 M6, OD 52.50, OD/cover 45.85, Total length 137.50, Height/B+ 11.95, Width/kl. 50 12.25, Coil bolt M8, Coil bolt 2 3.50, No./terminals 3


333795 Solenoid

Replacing: F000SH0205, 6004AF3000

12 V, B+ M8, OD 56.40, OD/cover 49.50, Total length 143.50, Height/B+ 30.00, Width/kl. 50 45.00, Coil bolt M8, No./terminals 3


333839 Solenoid

Replacing: 0331400001

12 V, B+ M8, OD 61.00, Total length 163.00, Coil bolt M8, No./terminals 3


333842 Solenoid

Replacing: 2339303840, 2339303369

Servicing: 00010DB98E, F000AL0111, F004A94008, F004A94011

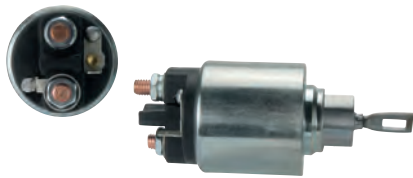
12 V, B+ M8, OD 56.40, Total length 146.75, No./terminals 3


333917 Solenoid

Replacing: 2339402350, 2339402303, 2339402300

Servicing: 0001260001, 0001260004

12 V, B+ M10, Kl. 50 M5, OD 61.65, OD/cover 53.90, Total length 172.00, Height/B+ 20.10, Width/kl. 50 13.00, Coil bolt M10, Coil bolt 2 20.10, No./terminals 3


333922 Solenoid

Replacing: 2339304048, 2339304016

Servicing: 0001106014, 0001107024, 0001107058, 0001107060, 0001107061, 0001107090, 0001108203, 0001108210, 0001109047, 0001115035

12 V, B+ M8, Kl. 50 6.30, OD 52.50, OD/cover 45.60, Total length 131.10, Height/B+ 13.50, Coil bolt M8, Coil bolt 2 7.50, No./terminals 3


333942 Solenoid

Replacing: 6033AD0230, 2339303849

Servicing: 0001223004, 0001223104

12 V, B+ M8, Kl. 50 Plug, OD 56.80, OD/cover 50.00, Total length 145.20, Height/B+ 9.50, Coil bolt M8, Coil bolt 2 5.00, No./terminals 3


333963 Solenoid

Replacing: 2339305061, 2339305009

Servicing: 0001108208, 0001108209, 0001108211, 0001108212, 0001108460, 0001108461, 0001108462, 0001108463, 0001109202, 0001109203

12 V, B+ M8, Kl. 50 6.30, OD 52.40, OD/cover 45.50, Total length 142.30, Height/B+ 30.00, Width/kl. 50 45.00, Coil bolt M8


333994 Solenoid

Replacing: 2339305324, 2339305077, 2339305055, 2339305040

Servicing: 0001123012, 0001123013, 0001123014, 0001123015, 0001123017, 0001123018, 0001123019, 0001123020, 0001123021

12 V, B+ M8, Kl. 50 4.70, ID/cover 26.00, OD 52.25, OD/cover 45.50, Total length 153.20, Height/B+ 18.20, Coil bolt M8, Coil bolt 2 8.55, No./terminals 3

Alternative no.: 235060


333995 Solenoid

Replacing: 2339305033

Servicing: 0001105205, 0001109205, 0001109300, 0001109301, 0001109302, 0001109303, 0001109324

12 V, B+ M8, Kl. 50 M6, OD 52.50, OD/cover 45.45, Total length 129.80, Width/kl. 50 8.80, Coil bolt M8, No./terminals 3

Alternative no.: 237672


333996 Solenoid

Replacing: 2339305337, 2339305213, 2339305076, 2339305054, 2339305034, 2339305014

12 V, B+ M8, Kl. 50 4.70, OD 52.35, OD/cover 45.90, Total length 147.80, Height/B+ 17.20, Coil bolt M8, Coil bolt 2 8.20, No./terminals 3

Alternative no.: 235535

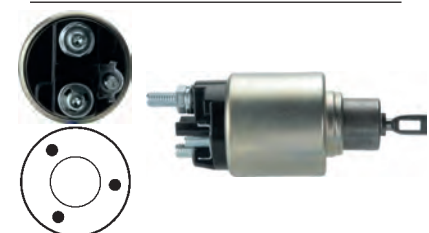

333997 Solenoid

Replacing: 2339305047, 2339305026, 2339305013

Servicing: 0001108222, 0001108223, 0001115048, 0001115074, 0001115075

12 V, B+ M8, Kl. 50 M6, OD 52.50, OD/cover 45.45, Total length 128.25, Width/kl. 50 10.00, Coil bolt M8, No./terminals 3

Alternative no.: 236837


333998 Solenoid

Replacing: 2339305232, 2339305100, 2339305048, 2339305017, 2339305004

Servicing: 0001108202, 0001108204, 0001108224, 0001108234, 0001108235, 0001108239, 0001108240, 0001115021, 0001115025

12 V, B+ M8, Kl. 50 M6, OD 52.40, OD/cover 45.55, Total length 137.00, Height/B+ 21.00, Width/kl. 50 10.00, Coil bolt M8, No./terminals 3

Alternative no.: 234903


333999 Solenoid

Replacing: 2339304011

 Servicing: 0001107063, 0001108176,
0001108183, 0001109026

 12 V, B+ M8, Kl. 50 M5,
ID/cover 24.00, OD 52.20,
OD/cover 45.60, Total length 141.85,
Height/B+ 21.35, Coil bolt M8,
No./terminals 3

Alternative no.: 230115


335000 Solenoid

Replacing: 2339304055, 2339304038

 Servicing: 0001106012, 0001106017,
0001106022

 12 V, B+ M8, Kl. 50 6.30, OD 52.20,
OD/cover 45.50, Total length 136.70,
Height/B+ 27.70, Coil bolt M8,
No./terminals 3

Alternative no.: 231203

NEW PRODUCT
www.hc-cargo.com

335054 Solenoid

Replacing: 2339305257

 Servicing: 0001148009, 0001148010,
0001148029, 0001148030

 12 V, B+ M8, Kl. 50 M6, OD 52.50,
OD/cover 45.90, Total length 140.75,
Height/B+ 12.00, Width/Kl. 50 12.00,
Coil bolt M8, Coil bolt 2 8.00

NEW PRODUCT
www.hc-cargo.com

335056 Solenoid

Replacing: 2339305124

 Servicing: 0001138009, 0001138010, 0001139005,
0001139006, 0001139013, 0001139014

 12 V, B+ M8, Kl. 50 M6, OD 52.50,
Total length 138.55, Height/B+ 16.05,
Width/Kl. 50 7.60, Coil bolt M8,
Coil bolt 2 4.00, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

335057 Solenoid

Replacing: 2339305306

 Servicing: 0001108466, 0001109315,
0001109421, 0001109422, 0001115110

 12 V, B+ M8, Kl. 50 Plug, OD 52.50,
OD/cover 45.75, Total length 145.60,
Height/B+ 17.80, Coil bolt M8,
Coil bolt 2 3.00, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

335061 Solenoid

Replacing: 2339305335

Servicing: 0001179510, 0001179511

 12 V, B+ M8, Kl. 50 Plug, OD 52.50,
OD/cover 45.95, Total length 154.50,
Height/B+ 18.00, Coil bolt M8,
Coil bolt 2 3.00, No./terminals 3

335090 Solenoid

Manufacturer: Bosch

Replacing: 2339303867, 2339303844

 Servicing: 0001109344, 0001109345,
0001109413, 0001109414

 12 V, B+ M8, Kl. 50 6.30, OD 56.30,
OD/cover 50.20, Total length 139.40,
Height/B+ 14.30, Coil bolt M8,
Coil bolt 2 8.50, No./terminals 3

335092 Solenoid

Manufacturer: Bosch

Replacing: 2339305008

Servicing: 0001108236, 0001125025

 12 V, B+ M8, Kl. 50 M6, OD 52.50,
OD/cover 46.00, Total length 139.00,
Height/B+ 12.80, Width/Kl. 50 9.00,
Coil bolt M8, No./terminals 3

335093 Solenoid

Manufacturer: Bosch

 Replacing: 2339305338, 2339305292,
2339305118, 2339305071, 2339305037

 Servicing: 0001123024, 0001123025,
0001125521, 0001125522, 0001125607,
0001125608, 0001125609, 0001125610

 12 V, B+ M8, OD 52.50,
OD/cover 45.70, Total length 155.00,
Height/B+ 18.25, Coil bolt M8,
No./terminals 3

335097 Solenoid

Manufacturer: Bosch

Replacing: 2339305329, 2339305211

 Servicing: 0001177000, 0001177001,
0001177002, 0001177003, 0001177004,
0001177005, 0001177008, 0001177009,
0001177010, 0001177011

 12 V, B+ M8, OD 52.50,
OD/cover 46.35, Total length 148.50,
Height/B+ 18.00, Coil bolt M8,
No./terminals 3

NEW PRODUCT
www.hc-cargo.com

335125* Solenoid

Replacing: 2339305127
Servicing: 0001142001, 0001142002, 0001142003, 0001142004, 0001142005, 0001142006, 0001145001, 0001145002, 0001153007, 0001153008

24 V



130282 Solenoid

Replacing: 9339991018, 0331101019, 0331101004, 0331101002, 0331100012, 0331100011, 0331100002
Servicing: 0001402031, 0001402043, 0001402050, 0001402053, 0001402054, 0001402055, 0001402057, 0001402058, 0001402059, 0001402060

24 V, B+ Cable, OD 69.30,
Total length 91.20

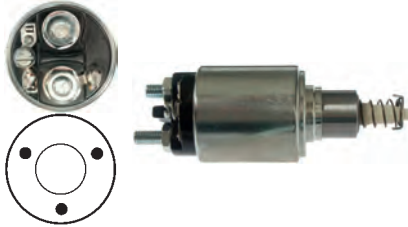


130283 Solenoid

Replacing: 0331101016, 0331101008, 0331101005, 0331100025, 0331100021, 0331100019, 0331100009
Servicing: 0001410019, 0001410022, 0001410037, 0001410038, 0001410049, 0001410050, 0001410068, 0001410069, 0001410075, 0001410077

24 V, B+ Cable, OD 85.50,
Total length 93.65
Insulated return.

Alternative no.: 333162

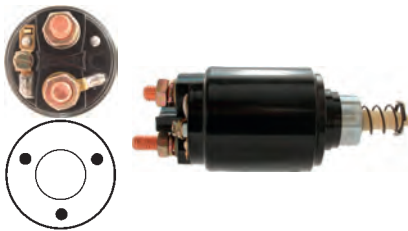


130303 Solenoid

Replacing: 2339402161, 2339402120, 0331402510, 0331402201, 0331402010
Servicing: 0001231003, 0001360022, 0001360037, 0001360052, 0001360056, 0001360065, 0001368024, 0001368028, 0001368055, 0001368062

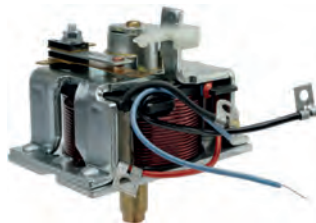
24 V, B+ M10, Kl. 30h M10, Kl. 50 M6S, ID/cover 30.00, OD 60.90, OD/cover 53.35, Total length 173.00, Height/B+ 23.95, Width/kl. 30h 16.75, Width/kl. 50 12.82, Coil bolt M10, Coil bolt 2 18.00, No./terminals 3
Cap: HC-CARGO 133447.

Alternative no.: 333138 , 130303Z, 333664



130303Z Solenoid

Replacing: 2339402161, 2339402120, 0331402510, 0331402201, 0331402010
24 V, B+ M10, Kl. 30h M10, Kl. 50 M6S, ID/cover 30.00, OD 60.90, OD/cover 53.35, Total length 173.00, Height/B+ 23.95, Width/kl. 30h 16.75, Width/kl. 50 12.82, Coil bolt M10, Coil bolt 2 18.00, No./terminals 3
Cap: HC-CARGO 133447.
Alternative no.: 130303



130304 Solenoid

Replacing: 2339450014, 2339450012, 2007022001, 0331450005, 0331450004, 0331450001, 0330105001
Servicing: 0001410015, 0001410016, 0001410017, 0001410021, 0001410024, 0001410029, 0001410032, 0001410034, 0001410035, 0001410041
24 V, B+ Cable, OD 95.25,
Total length 93.30

Alternative no.: 333155

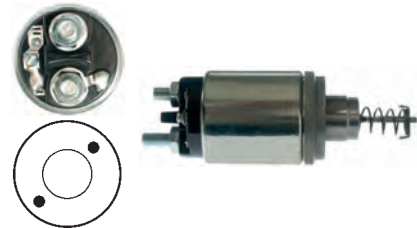


130305 Solenoid

Replacing: 2339450013, 0331450002
Servicing: 0001410019, 0001410022, 0001410024, 0001410037, 0001410038, 0001410049, 0001410050, 0001410068, 0001410069, 0001410075

24 V, B+ Cable, OD 94.00,
Total length 111.30
Insulated return.

Alternative no.: 333159



130477 Solenoid

Replacing: 0331402081, 0331401002, 0331400024
Servicing: 0001360003, 0001360004, 0001360005, 0001360010, 0001360012, 0001360013, 0001360014, 0001360015, 0001360017, 0001360018

24 V, B+ M10, ID/cover 30.00, OD 60.80, OD/cover 53.25, Total length 177.30, Height/B+ 24.60, Width/kl. 50 2.45, Coil bolt M10, Coil bolt 2 17.40, No./terminals 3
Cap: HC-CARGO 131318.



130939 Solenoid

Replacing: 2339402172, 0331402706, 0331402206, 0331402057, 0331402053, 0331402051
Servicing: 0001360002, 0001360007, 0001360008, 0001360009, 0001360010, 0001360026, 0001360035, 0001360038, 0001360043, 0001360050

24 V, B+ M10, Kl. 50 M4, ID/cover 29.90, OD 60.80, OD/cover 53.15, Total length 165.60, Height/B+ 23.90, Width/kl. 50 2.00, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3
Cap: HC-CARGO 131318.

Alternative no.: 333140


131053 Solenoid

Replacing: 9330142504, 9330142004, 9330081042, 0331402708, 0331402505, 0331402208, 0331402044, 0331402005

Servicing: 0001360023, 0001360036, 0001360040, 0001360049, 0001364103, 0001364108, 0001368018, 0001368030, 0001368031, 0001368041

24 V, B+ M10, ID/cover 30.00, OD 60.90, OD/cover 53.15, Total length 182.30, Height/B+ 23.30, Width/kl. 50 2.25, Coil bolt M10, Coil bolt 2 16.30, No./terminals 3

Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.

Alternative no.: 333143


131372Z Solenoid

Replacing: 0333009013, 0333009002

24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 52.01, OD/cover 50.22, Total length 102.48, Height/B+ 17.91, Coil bolt 4.00, Seconds 5, No./terminals 4 Silver contact.

Alternative no.: 333152


132254 Solenoid

Replacing: 9330081045, 0331402531, 0331402036, 0331402031

Servicing: 0001360027, 0001368016, 0001368019, 0001368020, 0001368021, 0001368037, 0001368038, 0001368056, 0001368059, 0001368063

24 V, B+ M10, Kl. 50 4.70, ID/cover 29.80, OD 61.00, OD/cover 53.35, Total length 161.85, Height/B+ 21.90, Width/kl. 50 3.70, Coil bolt M10, Coil bolt 2 15.75, No./terminals 3 Cap: HC-CARGO 131318.

Alternative no.: 333151


132255 Solenoid

Replacing: 2339402177, 2339402171

Servicing: 0001363111, 9000143601, 9000143602

24 V, B+ M10, Kl. 50 4.70, ID/cover 30.10, OD 61.40, OD/cover 53.10, Total length 147.75, Height/B+ 21.25, Width/kl. 50 3.60, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3 Cap: HC-CARGO 131318.


132294 Solenoid

Replacing: 0331402707, 0331402207, 0331402012

Servicing: 0001360039, 0001360044, 0001360048, 0001360054, 0001360057, 0001368003, 0001368008, 0001368011, 0001368015, 0001368023

24 V, B+ M10, Kl. 50 M4, ID/cover 30.00, OD 60.75, OD/cover 53.45, Total length 148.00, Height/B+ 24.00, Width/kl. 50 2.80, Coil bolt M10, Coil bolt 2 17.15, No./terminals 4 Insulated return. Cap: HC-CARGO 132677.


132361 Solenoid

Replacing: 0331402537, 0331402521, 0331402515, 0331402037, 0331402015

Servicing: 0001360012, 0001360014, 0001360016, 0001360024, 0001360035, 0001360041, 0001360045, 0001360058, 0001360060, 0001368001

24 V, B+ M10, ID/cover 30.10, OD 60.90, OD/cover 53.00, Total length 171.65, Height/B+ 24.60, Width/kl. 50 2.20, Coil bolt M10, Coil bolt 2 16.35, No./terminals 3 Cap: HC-CARGO 131317.

Alternative no.: 333167


132362 Solenoid

Replacing: 0331402055, 0331402021

Servicing: 0001364102, 0001364200, 0001364203, 0001364206, 0001364300, 0001364301, 0001364400, 0001364402, B001819014, B001819202

24 V, B+ M10, ID/cover 30.00, OD 60.85, OD/cover 53.25, Total length 175.90, Height/B+ 23.35, Width/kl. 50 2.55, Coil bolt M10, Coil bolt 2 17.10, No./terminals 3 Cap: HC-CARGO 131317.

Alternative no.: 333170


132363 Solenoid

Replacing: 0331402508, 0331402177, 0331402171, 0331402054, 0331402008

Servicing: 0001363111, 0001364100, 0001364101, 0001364104, 0001364105, 0001368057, 9000143601, 9000143602, B001813222, B001816384

24 V, B+ M10, ID/cover 30.00, OD 61.00, OD/cover 53.65, Total length 178.00, Height/B+ 26.00, Width/kl. 50 5.30, Coil bolt M10, Coil bolt 2 20.75, No./terminals 3 Cap: HC-CARGO 131318.

Alternative no.: 333169

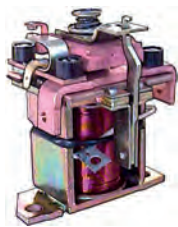

133554 Solenoid

Replacing: 0331101009, 0331101006, 0331100016

Servicing: 0001410015, 0001410016, 0001410017, 0001410021, 0001410024, 0001410029, 0001410032, 0001410034, 0001410035, 0001410041

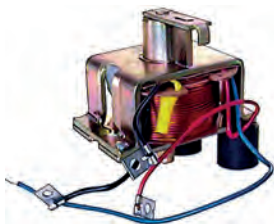
24 V, OD 69.30, Total length 91.90

Alternative no.: 333154



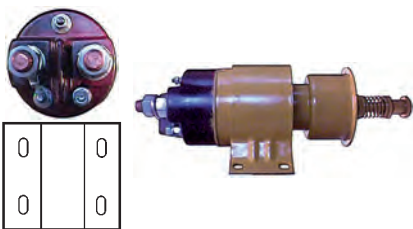
135380 5★ Solenoid

Manufacturer: Bosch
 Replacing: 0331100023
 Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019
 24 V, OD 72.75, Total length 94.50
 Insulated return.



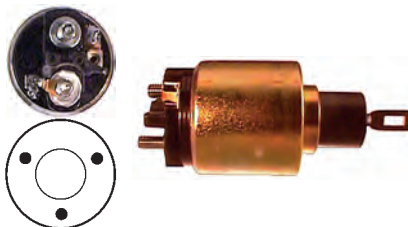
135381 Solenoid

Replacing: 0331451002, 0331451001
 Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019
 24 V, Total length 95.40
 Insulated return.



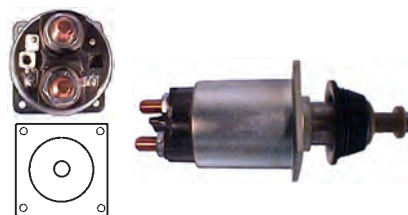
136692 Solenoid

Replacing: 2007010131, 2007010128, 0331410010, 0331410008, 0331410005, 0331410003, 0331410002
 Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010
 24 V, B+ 1/2" UNC, Kl. 15a M5, Kl. 30h M6, Kl. 50 M6, OD 81.80, OD/cover 75.20, Total length 277.65, Height/B+ 30.00, Width/kl. 15a 15.00, Width/kl. 30h 14.55, Width/kl. 50 14.55, Coil bolt 1/2" UNC, Coil bolt 2 31.20, No./terminals 5



138257 Solenoid

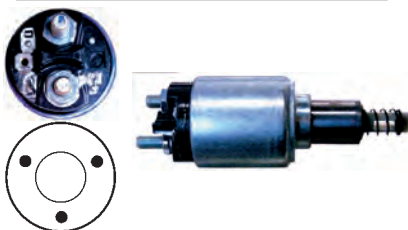
Replacing: 2339303276, 0331303596, 0331303096
 Servicing: 0001111001, 0001111005, 0001219001, 0001219007, 0001219010, 0001219013, 0001219014, 9000332401, 9000332402, B001111052
 24 V, B+ M8, ID/cover 27.25, OD 56.30, OD/cover 49.45, Total length 137.50, Height/B+ 13.75, Width/kl. 50 8.50, Coil bolt M8, Coil bolt 2 8.45, No./terminals 3
 Cap: HC-CARGO 132780.



138311 Solenoid

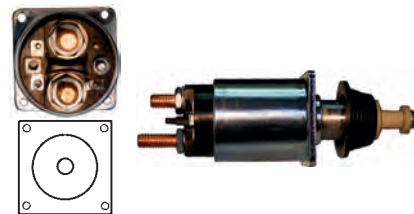
Replacing: 9330451071, 9330451070, 9330451059, 2339403506, 2339403006
 Servicing: 0001371004, 0001371006, 0001371008, 9000453068, B001850025
 24 V, B+ M12, ID/cover 32.10, OD 65.90, OD/cover 57.90, Total length 209.00, Height/B+ 26.90, Width/kl. 50 2.45, Coil bolt M12, Coil bolt 2 26.90, No./terminals 3
 Cap: HC-CARGO 234917. Boot: HC-CARGO 231553.

Alternative no.: 610510, 335228 5★



139507 5★ Solenoid

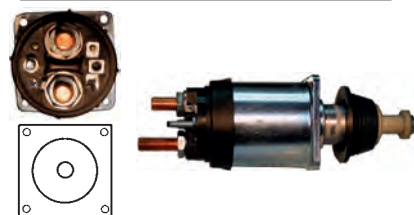
Manufacturer: Bosch
 Replacing: 2339402110
 Servicing: 0001368085
 24 V, B+ M10, Kl. 50 4.70, ID/cover 29.95, OD 61.30, OD/cover 54.00, Total length 173.15, Height/B+ 25.15, Width/kl. 50 3.45, Coil bolt M10, Coil bolt 2 13.95, No./terminals 3



139965 Solenoid

Replacing: 2339403509, 2339403014, 2339403009
 Servicing: 0001371010, 0001371013, 0001371015, 0001371016, 0001371018, 0001372002, 0001372003, 0001372007, 0001372008, B001860021
 24 V, B+ M12, Kl. 50 M6, OD 65.75, OD/cover 57.30, Total length 199.00, Height/B+ 38.00, Width/kl. 15a 2.00, Width/kl. 50 21.00, Coil bolt M12, Coil bolt 2 26.00, No./terminals 4
 Cap: HC-CARGO 235005. Boot: HC-CARGO 231553.

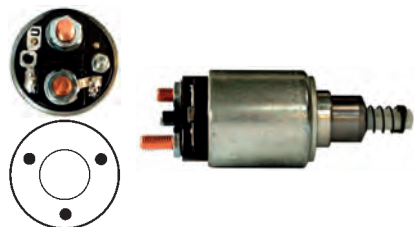
Alternative no.: 333529 5★



139967 Solenoid

Replacing: 2339403010, 2339403008, 0331403004, 0331403003
 Servicing: 0001371001, 0001371019, 0001372001, 0001372005, 0001372006, 0AA137200B, 0AA137200F, 0AA137200G
 24 V, B+ M12, Kl. 50 M6, ID/cover 32.00, OD 66.00, OD/cover 56.30, Total length 184.85, Height/B+ 33.40, Width/kl. 15a 2.70, Width/kl. 50 18.20, Coil bolt M12, Coil bolt 2 26.80, No./terminals 4
 Plunger boot: HC-CARGO 231553.

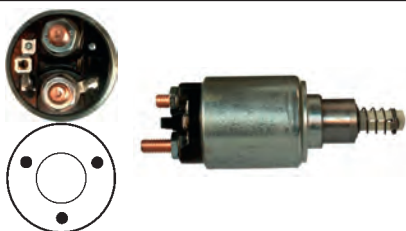
Alternative no.: 610289, 333600 5★, 335227



230904 Solenoid

Replacing: 2339402180, 2339402156, 2339402117
 Servicing: 0001231002, 0001231032, B001260015
 24 V, B+ M10, Kl. 15a M6, Kl. 50 M6, OD 61.60, Total length 148.50, Height/B+ 17.50, Width/kl. 15a 17.50, Coil bolt M10, Coil bolt 2 12.00, No./terminals 4
 Cap: HC-CARGO 230278.

Alternative no.: 333158 5★

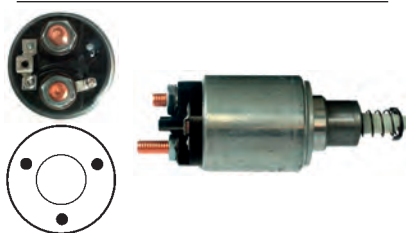

231711 Solenoid

Replacing: 2339402190, 2339402189, 2339402182, 2339402167, 2339402160, 2339402139, 2339402116

Servicing: 0001231001, 0001231007, 0001231008, 0001231009, 0001231010, 0001231011, 0001231017, 0001231019, 0001231029, 0001231030

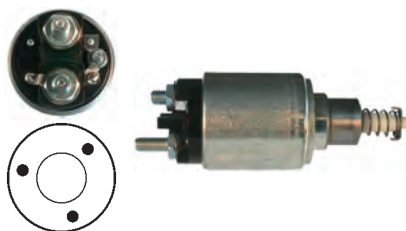
24 V, B+ 20.60, Kl. 50 M10/16.40, ID/cover 3.50, OD 62.00, OD/cover 58.80, Total length 153.00, Height/B+ 20.60, Width/kl. 50 M10/16.40, No./terminals 3
Cap: HC-CARGO 232195.

Alternative no.: 333165


233582 Solenoid

Manufacturer: Bosch

24 V, B+ M10, Kl. 50 4.70, ID/cover 29.85, OD 61.30, OD/cover 53.65, Total length 171.90, Height/B+ 19.60, Width/kl. 50 3.35, Coil bolt M10, Coil bolt 2 14.15, No./terminals 3
Cap: HC-CARGO 232195.

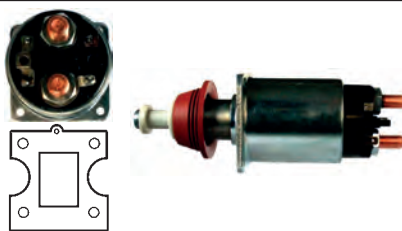

233583 Solenoid

Manufacturer: Bosch

Replacing: 2339402165, 2339402124

Servicing: 0001231013, 0001368313

24 V, B+ M10, Kl. 50 M6, ID/cover 30.00, OD 61.45, OD/cover 54.00, Total length 172.50, Height/B+ 25.65, Width/kl. 50 13.60, Coil bolt M10, Coil bolt 2 14.65, No./terminals 3

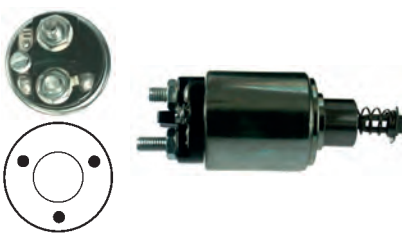

233584 Solenoid

Manufacturer: Bosch

Replacing: 2339403007

Servicing: 0001371005, 0001371007, 0001371009, 0001371012

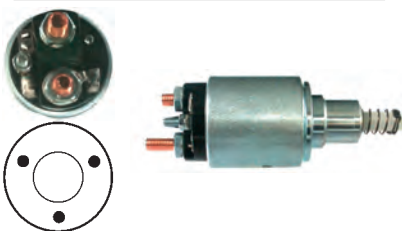
24 V, B+ M12, Kl. 15a 6.30, Kl. 50 6.30, ID/cover 32.25, OD 66.00, OD/cover 57.25, Total length 209.75, Height/B+ 25.20, Width/kl. 15a 3.55, Width/kl. 50 11.40, Coil bolt M12, Coil bolt 2 24.70, No./terminals 4
Insulated return.


233734 Solenoid

Replacing: 0331402507, 0331402094, 0331402007

Servicing: 0001360002, 0001360007, 0001360008, 0001360009, 0001360013, 0001360018, 0001360020, 0001360026, 0001360029, 0001360031

24 V, B+ M10, Kl. 50 M6, ID/cover 30.00, OD 61.00, OD/cover 53.15, Total length 165.55, Height/B+ 24.00, Width/kl. 50 2.65, Coil bolt M10, Coil bolt 2 17.45, No./terminals 3
Cap: HC-CARGO 133447.

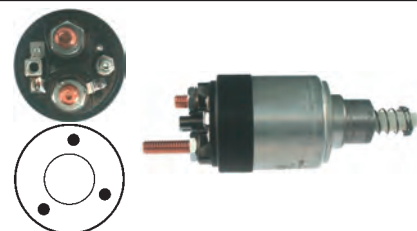

233852 Solenoid

Replacing: 2339402157, 2339402136

Servicing: 0001231004, 0001231012, 0001231014

24 V, B+ M10, Kl. 50 M6, ID/cover 46.00, OD 61.60, OD/cover 59.00, Total length 153.30, Height/B+ 16.80, Width/kl. 50 10.50, Coil bolt M10, Coil bolt 2 11.70, No./terminals 3
Cap: HC-CARGO 232195.

Alternative no.: 333161

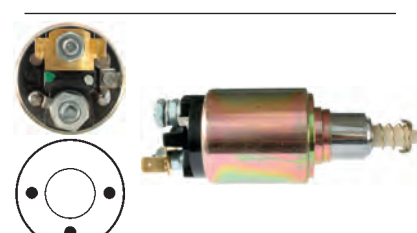

234129 Solenoid

Replacing: 2339402185, 2339402173, 2339402155

Servicing: 0001231016, 0001231046, 0001231146

24 V, B+ M10, Kl. 50 M6, ID/cover 29.95, OD 61.40, OD/cover 55.85, Total length 180.00, Height/B+ 34.70, Width/kl. 15a 3.55, Width/kl. 50 21.65, Coil bolt M10, Coil bolt 2 15.70, No./terminals 4

Alternative no.: 333164


234841 Solenoid

Replacing: 0331402026

Servicing: 0001360055, 0001368026, 0001368027, 0001368051, B001816076, B001816080, B001816338

24 V, B+ M8, Kl. 50 6.30, ID/cover 30.00, OD 61.00, OD/cover 53.25, Total length 168.00, Height/B+ 21.60, Width/kl. 50 12.85, Coil bolt M10, Coil bolt 2 18.75, No./terminals 3


235275 Solenoid

Replacing: 0331303054

Servicing: 0001219007, 0001219010, 0001219013, 0001219014, 0001219015, 0001316005, 9000332401, B001328011

24 V, No./terminals 4
Insulated return.



235807 Solenoid
 Replacing: 2339402168, 2339402133
 Servicing: 0001231005
 24 V, B+ 18.55, Kl. 50 M4, OD 61.75,
 OD/cover 53.80, Total length 170.00,
 Height/B+ M10, Width/kl. 50 15.00,
 Coil bolt M10, Coil bolt 2 16.00,
 No./terminals 3
 Alternative no.: 333541



235881 Solenoid
 Manufacturer: Bosch
 Replacing: 2339402645, 2339402145,
 0331402088
 Servicing: 0001363122, B001813244
 24 V, B+ M10, Kl. 50 M5, OD 61.75,
 OD/cover 53.88, Total length 173.80,
 Height/B+ 30.00, Width/kl. 50 15.00,
 No./terminals 3



236081 Solenoid
 Manufacturer: Bosch
 Replacing: 2339450014
 Servicing: 0001417075, 0001417076
 24 V, Total length 91.60
Insulated return.



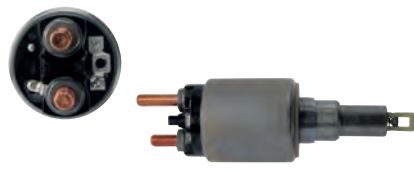
237753 Solenoid
 Replacing: 2339402230, 2339402220
 Servicing: 0001241001, 0001241003,
 0001241007, 0001241014, 0001241016,
 0001241019, 0001241119, 0001261001,
 0001261002, 0001261016
 24 V, B+ M10, Kl. 15a M6, Kl. 50 M6,
 OD 61.50, Total length 129.50,
 Height/B+ 27.70, Width/kl. 15a 45.00,
 Width/kl. 50 15.00, No./terminals 4
 Alternative no.: 333478



238847 Solenoid
 Manufacturer: Bosch
 Replacing: 2339402187
 Servicing: 0001231033, 0001231133
 24 V, B+ M10, Kl. 50 M6, OD 61.55,
 OD/cover 59.19, Total length 172.30,
 Switch dim. 2.74, Height/B+ 19.45,
 Coil bolt M10, Coil bolt 2 8.78,
 No./terminals 3

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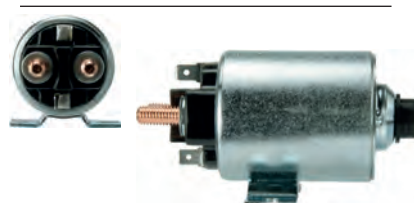
239102 Solenoid
 Replacing: 239102, 2339402235,
 2339402221
 Servicing: 0001330008
 24 V, B+ M10, Kl. 15a M6,
 Kl. 50 M6, OD 61.50, OD/cover 53.90,
 Total length 200.00, Height/B+ 31.00,
 Width/kl. 15a 16.50, Coil bolt M10,
 Coil bolt 2 19.90, No./terminals 4
*Terminal 15a is a dummy. Only to be used
 with a safety switch.*
 Alternative no.: 333485



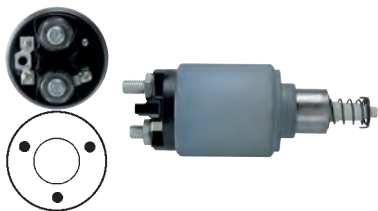
330254 Solenoid
 Manufacturer: Bosch
 Replacing: 2339402233, 2339402225
 Servicing: 0001241006, 0001241015,
 0001241020, 0001241023, 0001261011,
 0001261014
 24 V, B+ M10, Kl. 50 M6, OD 61.65,
 OD/cover 59.24, Total length 208.30,
 Switch dim. 4.06, Height/B+ 30.00,
 Coil bolt M10, Coil bolt 2 20.34,
 No./terminals 3
 Alternative no.: 335069



330795 Solenoid
 Manufacturer: Bosch
 Replacing: 2339402196
 Servicing: 0001231041
 24 V, B+ M10, Kl. 50 M6, OD 61.80,
 Total length 170.00, Height/B+ 20.06,
 Width/kl. 50 10.04, Coil bolt M10,
 Coil bolt 2 9.28, No./terminals 3



333017 Solenoid
 24 V, 100 Amp, B+ M8,
 Kl. 15a 6.30, Kl. 50 6.30, OD 52.07,
 Total length 109.40, Height/B+ 15.00,
 Width/kl. 15a 30.00, No./terminals 4


333138 5★ Solenoid

Manufacturer: Bosch

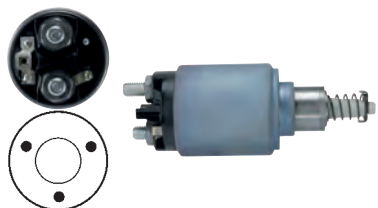
Replacing: 2339402161, 2339402120, 0331402510, 0331402201, 0331402010

Servicing: 0001360022, 0001360052, 0001360065, 0001362027, 0001366014, 0001368035, 0001368300, 0001368309, 9000083065

24 V, B+ M10, Kl. 30h M10, Kl. 50 M6S, ID/cover 30.00, OD 60.90, OD/cover 53.35, Total length 173.00, Height/B+ 23.95, Width/kl. 30h 16.75, Width/kl. 50 12.82, Coil bolt M10, Coil bolt 2 18.00, No./terminals 3

Cap: HC-CARGO 133447.

Alternative no.: 130303, 333664


333140 5★ Solenoid

Manufacturer: Bosch

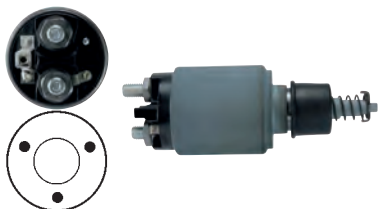
Replacing: 0331402706, 0331402206, 0331402057, 0331402053, 0331402051

Servicing: 0001360026, 0001360035, 0001360038, 0001360043, 0001360050, 0001360058, 0001360061, 0001360063, 0001363101, 0001363111

24 V, B+ M10, Kl. 50 M4, ID/cover 29.90, OD 60.80, OD/cover 53.15, Total length 165.60, Height/B+ 23.90, Width/kl. 50 2.00, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3

Cap: HC-CARGO 131318.

Alternative no.: 130939


333143 5★ Solenoid

Manufacturer: Bosch

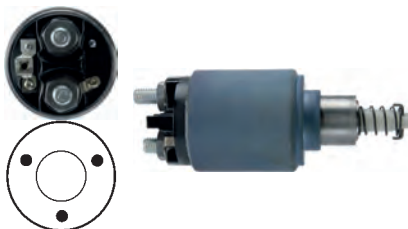
Replacing: 9330142504, 9330142004, 9330081042, 0331402708, 0331402505, 0331402208, 0331402044, 0331402005

Servicing: 0001360023, 0001368018, 0001368030, 0001368081, 0001368310, 9000143501

24 V, B+ M10, ID/cover 30.00, OD 60.90, OD/cover 53.15, Total length 182.30, Height/B+ 23.30, Width/kl. 50 2.25, Coil bolt M10, Coil bolt 2 16.30, No./terminals 3

Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.

Alternative no.: 131053


333151 5★ Solenoid

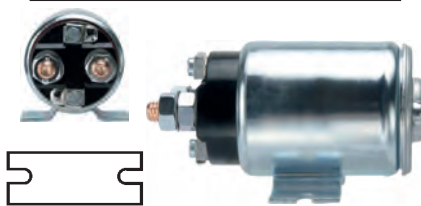
Manufacturer: Bosch

Replacing: 9330081045, 0331402531, 0331402036, 0331402031

24 V, B+ M10, Kl. 50 4.70, ID/cover 29.80, OD 61.00, OD/cover 53.35, Total length 161.85, Height/B+ 21.90, Width/kl. 50 3.70, Coil bolt M10, Coil bolt 2 15.75, No./terminals 3

Cap: HC-CARGO 131318.

Alternative no.: 132254


333152 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333009013, 0333009002, 0333006012

24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.50, OD/cover 43.55, Total length 100.55, Height/B+ 17.85, Coil bolt M8, Coil bolt 2 17.85, Seconds 5, No./terminals 4

Silver contact. Insulated return.

Alternative no.: 131372


333154 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331101009, 0331100016

Servicing: 0001410044, 0001410046, 0001410053, 0001410063, 0001410065, 0001410067, 0001410098, 0001410111, 0001410115, 0001410116

24 V, OD 69.30, Total length 91.90

Alternative no.: 133554


333155 5★ Solenoid

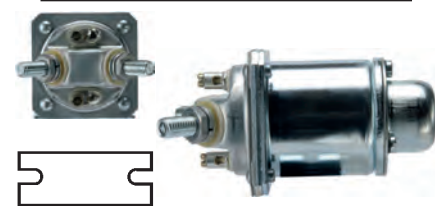
Manufacturer: Bosch

Replacing: 2339450020, 2339450012, 2007022001, 0331450005, 0331450004, 0331450001, 0330105001

Servicing: 0001410015, 0001410016, 0001410017, 0001410022, 0001410024, 0001410034, 0001410041, 0001410045, 0001410046, 0001410053

24 V, B+ Cable, OD 95.25, Total length 93.30

Alternative no.: 130304


333156 5★ Solenoid

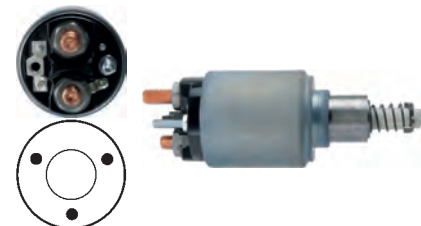
Manufacturer: Bosch

Replacing: 0333006006, 0333006002

24 V, 80 Amp, Intermittent load 500 Amp., B+ M8, OD 51.70, OD/cover 43.45, Total length 99.60, Height/B+ 17.35, Coil bolt M8, Coil bolt 2 17.35, Seconds 5, No./terminals 4

Silver contact. Insulated return.

Alternative no.: 131371


333158 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402180, 2339402156, 2339402117

Servicing: 0001410037

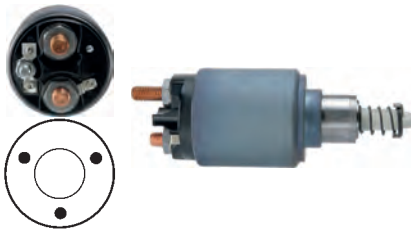
24 V, B+ M10, Kl. 15a M6, Kl. 50 M6, OD 61.60, Total length 148.50, Height/B+ 17.50, Width/kl. 15a 17.50, Coil bolt M10, Coil bolt 2 12.00, No./terminals 4

Cap: HC-CARGO 230278.

Alternative no.: 230904



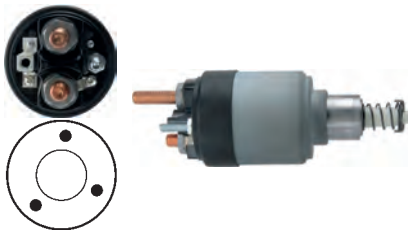
333159 Solenoid
 Manufacturer: Bosch
 Replacing: 2339450013, 0331450002
 Servicing: 0001410098, 0001411005,
 0001411021, 0001417061, 0001417076
 24 V, B+ Cable, OD 94.00,
 Total length 111.30
 Insulated return.
 Alternative no.: 130305



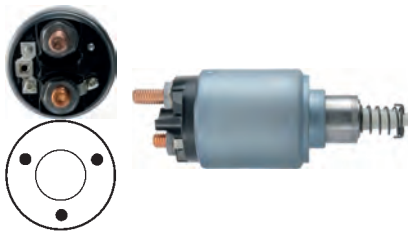
333161 Solenoid
 Manufacturer: Bosch
 Replacing: 2339402157, 2339402136
 Servicing: 0001231012, 0001231014
 24 V, B+ M10, Kl. 50 M6,
 ID/cover 46.00, OD 61.60, OD/cover 59.00,
 Total length 153.30, Height/B+ 16.80,
 Width/kl. 50 10.50, Coil bolt M10,
 Coil bolt 2 11.70, No./terminals 3
 Cap: HC-CARGO 232195.
 Alternative no.: 233852



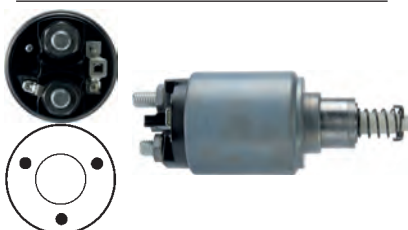
333162 Solenoid
 Manufacturer: Bosch
 Replacing: 2339101051, 0331101008,
 0331101005, 0331100025, 0331100021,
 0331100019, 0331100009
 Servicing: 0001410024, 0001410037,
 0001410068, 0001410088, 0001411009,
 0001411013, 0001414011, 0001416028,
 0001416044, 0001417043
 24 V, B+ Cable, OD 85.50,
 Total length 93.65
 Insulated return.
 Alternative no.: 130283



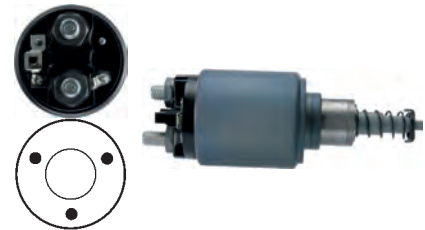
333164 Solenoid
 Manufacturer: Bosch
 Replacing: 2339402185, 2339402173,
 2339402155
 Servicing: 0001231016
 24 V, B+ M10, Kl. 50 M6,
 ID/cover 29.95, OD 61.40, OD/cover 55.85,
 Total length 180.00, Height/B+ 34.70,
 Width/kl. 15a 3.55, Width/kl. 50 21.65,
 Coil bolt M10, Coil bolt 2 15.70,
 No./terminals 4
 Alternative no.: 234129



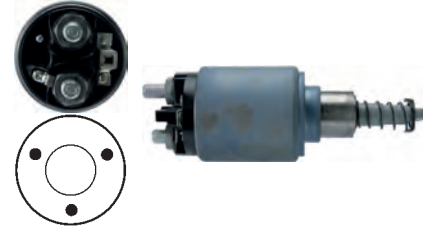
333165 Solenoid
 Manufacturer: Bosch
 Replacing: 2339402189, 2339402182,
 2339402167, 2339402162, 2339402160,
 2339402139, 2339402116
 Servicing: 0001231008, 0001231016,
 0001231017, 0001231019, 0001231029,
 0001231030, 0001231045
 24 V, B+ 20.60, Kl. 50 M10/16.40,
 ID/cover 3.50, OD 62.00, OD/cover 58.80,
 Total length 153.00, Height/B+ 20.60,
 Width/kl. 50 M10/16.40, No./terminals 3
 Cap: HC-CARGO 232195.
 Alternative no.: 231711



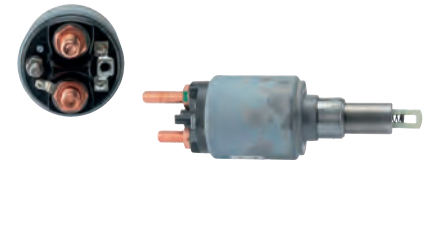
333167 Solenoid
 Manufacturer: Bosch
 Replacing: 0331402537, 0331402521,
 0331402515, 0331402037, 0331402015
 Servicing: 0001368020
 24 V, B+ M10, ID/cover 30.10,
 OD 61.20, OD/cover 53.00,
 Total length 171.65, Height/B+ 24.60,
 Width/kl. 50 2.20, Coil bolt M10,
 Coil bolt 2 16.35, No./terminals 3
 Cap: HC-CARGO 131317.
 Alternative no.: 132361



333169 Solenoid
 Manufacturer: Bosch
 Replacing: 0331402508, 0331402177,
 0331402171, 0331402054, 0331402008
 24 V, B+ M10, Kl. 30h M10, Kl. 50 M4S,
 ID/cover 30.00, OD 61.00,
 OD/cover 53.65, Total length 178.00,
 Height/B+ 26.00, Width/kl. 30h 16.45,
 Width/kl. 50 5.30, Coil bolt M10,
 Coil bolt 2 20.75, No./terminals 3
 Cap: HC-CARGO 131318.
 Alternative no.: 132363



333170 Solenoid
 Manufacturer: Bosch
 Replacing: 0331402055, 0331402021
 Servicing: 0001364104, 0001364200,
 0001364203, 0001364206, 0001364301,
 0001364400, 0001364402
 24 V, B+ M10, Kl. 30h M10, Kl. 50 M4S,
 ID/cover 30.00, OD 60.85,
 OD/cover 53.25, Total length 175.90,
 Height/B+ 23.35, Width/kl. 30h 16.45,
 Width/kl. 50 2.55, Coil bolt M10,
 Coil bolt 2 17.10, No./terminals 3
 Cap: HC-CARGO 131317.
 Alternative no.: 132362



333391 Solenoid
 Manufacturer: Bosch
 Replacing: 2339402362, 2339402302
 Servicing: 0001261003, 0001261004,
 0001261005, 0001261006, 0001261025,
 0001261026, 0001261027, 0001261028
 24 V, B+ M10, Kl. 15a M6,
 OD 61.60, OD/cover 53.75,
 Total length 200.30, No./terminals 4

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333392* Solenoid

Replacing: 2339402368, 2339402311
 Servicing: 0001261007, 0001261008,
 0001261012, 0001261013, 0001261023,
 0001261041, 0001261044, 0001261045,
 0001261069
 24 V



333393 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339402195
 Servicing: 0001231040
 24 V, B+ M10, OD 61.50, OD/cover 53.87,
 Total length 189.50, Height/B+ 35.05,
 Coil bolt M10, No./terminals 3



333394 Solenoid

Replacing: 2339402193
 Servicing: 0001231036
 24 V, B+ M10, Kl. 50 M6, OD 61.50,
 OD/cover 53.85, Total length 191.00,
 Coil bolt M10, No./terminals 3



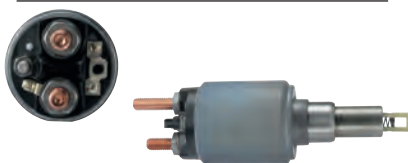
333478 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339402230, 2339402220
 Servicing: 0001241001
 24 V, B+ M10, Kl. 50 M5, OD 61.50,
 OD/cover 54.00, Total length 181.50,
 Height/B+ 30.70, No./terminals 4
 Alternative no.: 237753



333484 5★ Solenoid

Manufacturer: Bosch
 Replacing: 0333009005
 24 V, 150 Amp, B+ M8, OD 49.50,
 OD/cover 42.20, Total length 101.30,
 Coil bolt M8, No./terminals 4
 Alternative no.: 333623



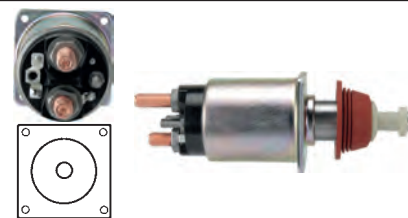
333485 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339402235, 2339402221
 Servicing: 0001330008
 24 V, B+ M10, Kl. 15a M6, Kl. 50 M6,
 OD 61.50, OD/cover 54.00,
 Total length 119.30, Switch dim. 7.80,
 Height/B+ 31.00, Width/kl. 15a 15.60,
 Coil bolt M10, No./terminals 4
 Alternative no.: 239102



333486 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339402186
 Servicing: 0001231034, 0001231035
 24 V, B+ M8, Kl. 50 M6, OD 61.50,
 OD/cover 54.00, Total length 118.20,
 Switch dim. 19.60, Height/B+ 30.00,
 Coil bolt M8, No./terminals 3
 Alternative no.: 333617



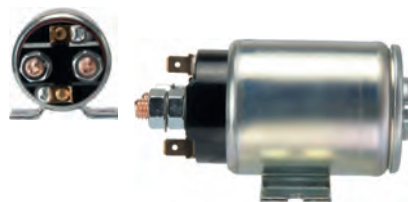
333529 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339403509, 2339403014,
 2339403009
 Servicing: 0001371010, 0001371013,
 0001372002, 0001372003
 24 V, B+ M12, Kl. 15a M6,
 Kl. 50 M6, OD 66.20, OD/cover 57.10,
 Total length 135.30, Switch dim. 17.80,
 Height/B+ 36.80, Width/kl. 50 20.00,
 Coil bolt M12, No./terminals 4
 Cap: HC-CARGO 235005. Boot: HC-CARGO
 231553.
 Alternative no.: 139965



333530 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339402222
 Servicing: 0001241005, 0001241009,
 0001241021, 0001330005
 24 V, B+ M10, Kl. 50 M6, OD 61.50,
 OD/cover 53.50, Total length 119.20,
 Switch dim. 7.80, Height/B+ 36.90,
 Coil bolt M10, No./terminals 3
 Alternative no.: 333626



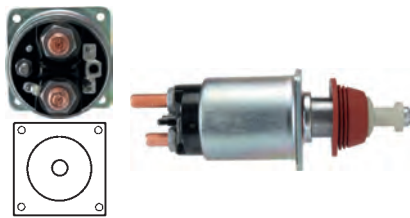
333531 5★ Solenoid

Manufacturer: Bosch
 Replacing: 0333009011
 24 V, 150 Amp, B+ M8, Kl. 15a 6.30,
 Kl. 50 6.30, OD 50.00,
 Total length 100.00, Height/B+ 15.00,
 Width/kl. 15a 60.00, Width/kl. 50 30.00,
 No./terminals 4
 Alternative no.: 333622



333541 Solenoid

Manufacturer: Bosch
 Replacing: 2339402168, 2339402133
 24 V, B+ M10, Kl. 50 M4,
 OD 61.55, OD/cover 53.80,
 Total length 170.00, No./terminals 3
 Alternative no.: 235807



333600 Solenoid

Manufacturer: Bosch
 Replacing: 2339403010, 2339403008,
 0331403004, 0331403003
 Servicing: 0001371019, 0001372001,
 0001372005
 24 V, B+ M12, Kl. 50 M6, OD 66.20,
 OD/cover 59.90, Total length 135.70,
 Height/B+ 36.90, Coil bolt M12,
 No./terminals 4
 Alternative no.: 139967



333617 Solenoid

Replacing: 2339402186
 24 V, B+ M10, Kl. 50 M6, OD 61.50,
 OD/cover 54.00, Total length 192.00,
 Height/B+ 30.00, Coil bolt M10,
 No./terminals 3
 Alternative no.: 333486



333664 Solenoid

Replacing: 2339402161, 2339402120,
 0331402510, 0331402201, 0331402010
 24 V, B+ M10, Kl. 50 M6, OD 60.00,
 OD/cover 53.30, Total length 173.00,
 Height/B+ 18.40, No./terminals 3
 Alternative no.: 130303, 130303Z, 333138



333765 Solenoid

Replacing: 2339402261
 Servicing: 0001241128
 24 V, B+ M12, Kl. 50 M6, OD 61.50,
 OD/cover 53.80, Total length 201.50,
 Height/B+ 29.85, Width/Kl. 50 7.85,
 Coil bolt M10, Coil bolt 2 9.50,
 No./terminals 3



333977 Solenoid

Replacing: 2339402174
 Servicing: 0001231026, 0001231027
 24 V, B+ M10, Kl. 50 6.30, OD 61.50,
 OD/cover 53.85, Total length 171.50,
 Height/B+ 20.00, Coil bolt M10,
 Coil bolt 2 20.00, No./terminals 3



335053 Solenoid

Replacing: 0399D55002, 0339D55002
 Servicing: 0001241008, 0001261018, 0001261032,
 0001261034, 0001261037, 0001261050
 24 V, B+ M10, Kl. 50 M6, OD 61.50,
 OD/cover 53.50, Total length 199.00,
 Height/B+ 19.05, Coil bolt M10,
 No./terminals 4



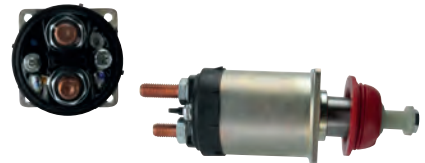
335069 Solenoid

Replacing: 2339402233, 2339402225
 Servicing: 0001241015
 24 V, B+ M10, Kl. 50 M6, OD 61.65,
 OD/cover 53.25, Total length 208.30,
 Height/B+ 28.34, Coil bolt M10,
 Coil bolt 2 17.75, No./terminals 3
 Alternative no.: 330254



335098 Solenoid

Manufacturer: Bosch
 Replacing: 2339402401, 2339402400
 Servicing: 0001340501, 0001340502,
 0001340503, 0001340504, 0001340505,
 000134BB01, 000134BH01, 000134F203,
 000134F703, 000134F801
 24 V, B+ M10, Kl. 50 M6, OD 61.70,
 OD/cover 54.00, Total length 192.00,
 Height/B+ 25.60, Coil bolt M10,
 Coil bolt 2 16.00, No./terminals 5



335227 Solenoid

Replacing: 2339403010, 2339403008,
 0331403004, 0331403003
 Servicing: 0001372001, 0001372005,
 0001372006
 24 V, B+ M12, Kl. 50 M6,
 ID/cover 32.00, OD 66.00, OD/cover 56.30,
 Total length 184.85, Height/B+ 33.40,
 Width/Kl. 15a 2.70, Width/Kl. 50 18.20,
 Coil bolt M12, Coil bolt 2 26.80
 Alternative no.: 139967, 610289

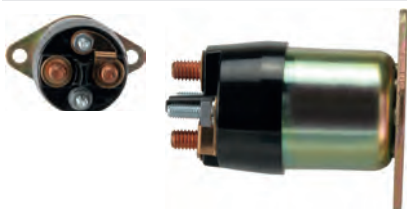

335228 Solenoid

Manufacturer: Bosch

Replacing: 9330451071, 9330451070, 9330451059, 2339403506, 2339403006

 Servicing: 0001371004, 0001371006, 0001371008
24 V

Alternative no.: 610510, 138311

Safety Switches
12 V

333314 Safety switch

Manufacturer: Bosch

Replacing: 6033AD6160

 24 V, OD 32.85, OD/cover 36.30,
Total length 66.00, No./terminals 4

NEW PRODUCT
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333794* Safety Switch

Replacing: 6033AD5190

Servicing: 0001241005, 0001241006

24 V

230386 Safety Switch

Replacing: 1337210728, 1337210726

 Servicing: 0001371010, 0001371013, 0001371015,
0001371016, 0001371018, 0001371019,
0001372001, 0001372002, 0001372003, 0001372006

 24 V, OD 33.65, OD/cover 31.45,
Total length 51.80

Alternative no.: 333281


231267 Safety Switch

 Replacing: 6033AD0440, 6033AD0086,
1337210725

 Servicing: 0001231002, 0001231016,
0001231032, 0001231046, 0001231146,
B001260015

24 V, OD 33.75

Alternative no.: 333282


238849 Safety switch

Manufacturer: Bosch

Replacing: 6033AD3216

 Servicing: 0001231033, 0001231133,
0001263016, 0001263049, 0001263050

 24 V, OD 33.00, Total length 65.15,
No./terminals 4

Alternative no.: 335100


239094 Safety Switch

Manufacturer: Bosch

 Replacing: 6033AD6153, 6033AD5255,
6033AD5206, 6033AD5138, 1337210791,
1337210743

 Servicing: 0001241001, 0001241003,
0001241007, 0001241014, 0001241019,
0001241119, 0001261001, 0001261002,
0001261003, 0001261004

 24 V, OD 33.00, Total length 65.00,
No./terminals 4

Alternative no.: 333830


330256 Safety switch

Manufacturer: Bosch

 Replacing: 6033AD5256, 6033AD5254,
333238, 0333006026

 Servicing: 0001231036, 0001231040,
0001241015, 0001241020, 0001261007,
0001261008, 0001261011, 0001261014,
0001261021

 24 V, KI. 50 Plug, OD 33.20,
OD/cover 36.20, Total length 74.70,
No./terminals 2

331586 Safety switch

Manufacturer: Bosch

Replacing: 1337210731

Servicing: 0001372005

 24 V, OD 33.80, OD/cover 31.50,
Total length 52.50, No./terminals 2

333281 Safety switch

Manufacturer: Bosch

Replacing: 1337210728, 1337210726

 Servicing: 0001372002, 0001372003, 0001372007,
0001372008, B001860021, B001860023

 24 V, OD 33.65, OD/cover 31.45,
Total length 51.80

Alternative no.: 230386

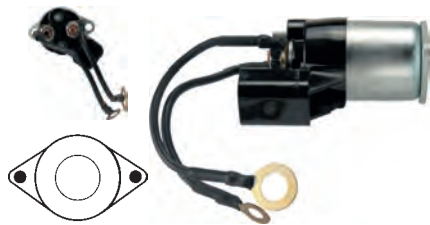

333282 Safety switch

Manufacturer: Bosch

Replacing: 6033AD0440, 6033AD0086

24 V, OD 33.75, Total length 52.00

Alternative no.: 231267



333343 Safety Switch
 Replacing: 6033AD4139
 Servicing: 0001231034, 0001231035
 24 V, OD 33.30, OD/cover 36.30,
 Total length 75.60, No./terminals 3



333578 Safety Switch
 Manufacturer: Bosch
 Replacing: 6033AD6084, 0333006025
 Servicing: 0001340501, 0001340502,
 0001340503, 0001340504, 0001340505,
 000134BB01, 000134BH01, 000134F203,
 000134F703, 000134F801
 24 V, OD 33.00, OD/cover 36.20,
 Total length 65.00, No./terminals 4
 Alternative no.: 333624

NEW PRODUCT
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333624* Safety Switch
 Replacing: 6033AD6084, 0333006025
 24 V, OD 33.00, OD/cover 36.20,
 Total length 65.00, No./terminals 4
 Alternative no.: 333578



333830 Safety Switch
 Replacing: 6033AD6153, 6033AD5255,
 6033AD5206, 6033AD5138
 Servicing: 0001241014, 0001241019
 24 V, OD 33.00, Total length 65.00,
 No./terminals 4
 Alternative no.: 239094

Solenoid Parts

Solenoid Caps

Pkg. 5



130479 Solenoid Cap
 Replacing: 1330516050, 1330516037
 Servicing: 0001155009, 0001155010,
 0001155016, 0001155017, 0001157001,
 0001157002, 0001157003, 0001157004,
 0001157009, 0001157010
 OD 50.90, No./terminals 4
 HC-CARGO 130294, 130471, 131790, 131790,
 131794, 133636, 136544, 234857.

Pkg. 5



131315 Solenoid Cap
 Servicing: 0001107005, 0001107006,
 0001107009, 0001107012, 0001107013,
 0001108011, 0001108024, 0001108031,
 0001108043, 0001108053
 OD 54.60, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 131143, 131308, 131793, 132260,
 132263, 132265, 134378, 135583, 139017,
 139018, 232186, 232419.



131316 Solenoid Cap
 Servicing: 0001360023, 0331401001,
 0331401002, 0331401003, 0331401011,
 0331401014, 0331401017, 0331401026,
 0331401030
 OD 54.65, No./terminals 3,
 Bracket type Crimp

Pkg. 5



131317 Solenoid Cap
 Servicing: 0001358020, 0001358046,
 0001358047, 0001358049, 0001358200,
 0001358201, 0001358202, 0001359049,
 0001359073, 0001359106
 OD 58.90, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 130296, 130302, 132252, 132253,
 132361, 132362, 133398, 137232.

Pkg. 5



131318 Solenoid Cap
 Replacing: 1330516712
 Servicing: 0001157008, 0001231007,
 0001231008, 0001231009, 0001231014,
 0001231017, 0001231029, 0001231045,
 0001358051, 0001359008
 OD 59.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 130297, 130299, 130300, 130301,
 130477, 130806, 130939, 131053, 131141,
 132254, 132255, 132363, 137368.

Pkg. 5



131319 Solenoid Cap
 Servicing: 0001359082, 0001359110,
 0001362060, 0001362067, 0001367006,
 0001367055, 0001367056, 0001369023,
 2339402113, 2339402115
 OD 59.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 131142, 231801, 234859.

Pkg. 5


131334 Solenoid Cap

Replacing: 1330516023
 Servicing: 0001108154
 OD 51.00, No./terminals 4
 HC-CARGO 130293, 135878.


131335 Solenoid Cap

Replacing: 1330516034, 1330516033, 1330516032
 Servicing: 0001108031, 0001157021, 0001207001,
 0001207005, 0001207016, 0001207017,
 0001207018, 0001207019, 0001208032, 0001208233
 OD 51.15, No./terminals 3
 HC-CARGO 130468, 134823, 135871, 136025.

Pkg. 5


131337 Solenoid Cap

Replacing: 1330516062
 Servicing: 0001106001, 0001106002, 0001107003,
 0001107004, 0001107007, 0001107008,
 0001108001, 0001108002, 0001108005, 0001108006
 OD 54.15, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 130474, 131586, 132828.

Pkg. 5


131338 Solenoid Cap

Replacing: 1330516072
 Servicing: 0001108021, 0001108098, 0001108122,
 0001110113, 0001208200, 0001208201,
 0001208208, 0001208216, 0001208217, 0001211218
 OD 53.90, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 130476.


131345 Solenoid Cap

Servicing: 0001108080, 0001157022, 0001208019,
 0001208020, 0001208027, 0001208028,
 0001208030, 0001208031, 0001208040, 0001208041
 OD 50.85, No./terminals 4
 HC-CARGO 130470, 132890.

Pkg. 5


131847 Solenoid Cap

Servicing: 0001108004, 0001108019, 0001108033,
 0001208172, 0001208219, 0001208220,
 0001208223, 0001208232, 0001208409, 0001208423
 OD 54.20, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 130475.

Pkg. 5


132279 Solenoid Cap

Servicing: 0001108025, 0001108030, 0001108038,
 0001108061, 0001108062, 0001108088,
 0001108089, 0001108090, 0001108091, 0001108092
 OD 54.00, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 131791.


132300 Solenoid Cap

Servicing: 0001108040, 0001108057,
 0001108071, 0001108082, 0001108111,
 0001108152, 0001112020, 0001114008,
 0001114017, 0001208520
 OD 54.40, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 132299, 133419.


132677 Solenoid Cap

Servicing: 0331402012
 OD 59.00, No./terminals 4,
 Bracket type Crimp


132723[#] Solenoid Cap

Servicing: 9339331008
 OD 49.15, No./terminals 4
 HC-CARGO 132272.

Pkg. 5


132778 Solenoid Cap

Servicing: 0001208009, 0001208026,
 0001208056, 0001208058, 0001208060,
 0001208061, 0001208405, 0001211204,
 0001211205, 0001211209
 OD 51.00, No./terminals 4
 HC-CARGO 133141, 133642, 134275, 135358,
 230322.

Pkg. 5


132779 Solenoid Cap

Servicing: 0001108023, 0001108051,
 0001108075, 0001108143, 0001108180,
 0001108182, 0001110003, 0001110026,
 0001110089, 0001110095
 OD 54.45, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 133422, 135526, 136369, 136717,
 136779.

Pkg. 5



132780 Solenoid Cap

Servicing: 0001108003, 0001108032, 0001108046, 0001108066, 0001108068, 0001108069, 0001108103, 0001108104, 0001108124, 0001108134
OD 54.30, No./terminals 4,
Bracket type Crimp
HC-CARGO 132258, 133644, 135065, 138257, 138782, 139068, 234568.

Pkg. 5



132781 Solenoid Cap

Servicing: 0001311105, 0001311106, 0001311124, 0331302056, 0331302084, 0331302094
OD 50.00, No./terminals 4
HC-CARGO 133643, 234858.

Pkg. 5



133148 Solenoid Cap

Replacing: 1330516225
Servicing: 0001110009, 0001110010, 0001208425, 0001208426, 0001208428, 0001208429, 0001211251, 0001211252, 0001211253, 0001211254
OD 54.35, No./terminals 3,
Bracket type Crimp
HC-CARGO 133421, 134376.

Pkg. 5



133157 Solenoid Cap

Servicing: 0331401004, 0331401007, 0331401022, 0331401025, 0331401029, 0331401033
OD 55.00, No./terminals 3,
Bracket type Crimp
HC-CARGO 133096.



133159 Solenoid Cap

Servicing: 0001362005, 0001362006, 0001362044, 0001362045, 0001362081, 0001362602, 0001362603, 0001362606, 0001362607, 0331401028
OD 59.25, No./terminals 3,
Bracket type Crimp
HC-CARGO 131189.



133202 Solenoid Cap

Replacing: 1330516209
Servicing: 0331303023, 0331303034, 0331303045
OD 54.20, No./terminals 3,
Bracket type Crimp
HC-CARGO 132261, 132827.

Pkg. 5



133447 Solenoid Cap

Servicing: 0001231003, 0001231004, 0001359084, 0001359111, 0001360022, 0001360037, 0001360052, 0001360065, 0001367010, 0001367034
OD 58.80, No./terminals 3,
Bracket type Crimp
HC-CARGO 130303, 131042, 233734.

Pkg. 5



133777 Solenoid Cap

Servicing: 0331302001, 0331302002, 0331302006, 0331302009, 0331302020, 0331302060, 0331302072
OD 51.10, No./terminals 3
HC-CARGO 133428.



134383 Solenoid Cap

Servicing: 0331401008, 0331401009, 0331401016
OD 55.00, No./terminals 3,
Bracket type Crimp
HC-CARGO 137443.

Pkg. 5



134825 Solenoid Cap

Replacing: 1330516306
Servicing: 0001107020, 0001107021, 0001107022, 0001107023, 0001107025, 0001107026, 0001107052, 0001107053, 0001107094, 0001107095
OD 54.30, No./terminals 3,
Bracket type Crimp

Pkg. 5



134844 Solenoid Cap

Servicing: 0001359119, 0001362016, 0001362041, 0001362071, 0001366001, 0001367005, 0001367049
OD 59.30, No./terminals 3,
Bracket type Crimp



136108 Solenoid Cap

Servicing: 0001110042, 0001110071, 0001110072, 0001110110, 0001218171, 0331303117
OD 54.60, No./terminals 4,
Bracket type Crimp
HC-CARGO 136036, 136615.

Pkg. 5


137349 Solenoid Cap

Servicing: 0001106011, 0001106016,
 0001107016, 0001107041, 0001107043,
 0001107059, 0001107062, 0001107082,
 0001107087, 0001107407
 OD 50.20, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138763, 138877.


137706 Solenoid Cap

Servicing: 0001108052, 0001108056,
 0001108154, 0331303106, 0331303107
 OD 54.15, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 136370, 137693.


137815 Solenoid Cap

Servicing: 0001108113, 0001108114,
 0001108174, 0001108175, 0001108220,
 0001108221, 0001109021, 0001109022,
 0001109066, 0001109067
 OD 54.35, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 136852, 233716.


137876 Solenoid Cap

Servicing: 0331303020, 0331303108,
 0331303520
 OD 54.15, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 137826.

Pkg. 5


138003 Solenoid Cap

Servicing: 0001107010, 0001107034, 0001107038,
 0001107056, 0001107092, 0001107093,
 0001107100, 0001107101, 0001107108, 0001108123
 OD 54.25, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 137175, 137266, 137613, 137951.


138004 Solenoid Cap

Servicing: 0001107011, 0001107014, 0001107015,
 0001107027, 0001107028, 0001107031,
 0001107039, 0001107044, 0001107049, 0001107066
 OD 54.20, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 133424, 137696, 139498, 139549,
 230323, 230324, 230431, 230847.


138006 Solenoid Cap

Servicing: 0001107033, 0001108070, 0001108105,
 0001108129, 0001108135, 0331303137, 2339303208
 OD 54.35, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138005.


138926 Solenoid Cap

Servicing: 0001208209, 0001208227,
 0331303022, 0331303522, 9000142001
 OD 54.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 139212.

Pkg. 5


139213 Solenoid Cap

Servicing: 0001110039, 0001110053, 0001218172,
 0001218772, 0001223002, 0331303017,
 0331303115, 2339303261, 9330331000, B001117050
 OD 53.95, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 136371, 137276.


139525 Solenoid Cap

Servicing: 0001108074, 0001108112, 0001108125,
 0001108128, 0001108186, 0001112019,
 0001112029, 0331303143, 2339303322, B001111390
 OD 54.20, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 137490, 234434.


139597 Solenoid Cap

Servicing: 0001107030, 0001107075, 0001107079,
 0001107088, 0001109034, 0001110132,
 0001218166, 2339303202, 2339303294, 2339303306
 OD 54.25, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 139069, 139500.


139598 Solenoid Cap

Servicing: 0001107017, 0001107018,
 0001107054, 0001107055, 0001107068,
 0001107069, 0001107073, 0001107074,
 0331303162, 0331303662
 OD 54.00, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 137982, 233480.

Pkg. 5

Pkg. 5



230087 Solenoid Cap

Servicing: 2339403010
 OD 63.35, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 139967.



230278 Solenoid Cap

Servicing: 2339402117, 2339402156
 OD 58.70, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 230904.



231558 Solenoid Cap

Servicing: 0001107442, 0001107443,
 0001108157, 0001108196, 0001108245,
 0001109025, 0001109200, 0001109201,
 2339304005, 2339304009
 OD 50.30, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 137879.



231565 Solenoid Cap

Servicing: 0001218157, 0001223001,
 0001223014, 9330331001
 OD 55.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 137491.



231802 Solenoid Cap

Servicing: 0001106014, 0001107067,
 0001107076, 0001107078, 0001108166,
 0001108167, 0001108173, 0001115002,
 0001116001, 2339304007
 OD 50.15, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 139075.

Pkg. 5



231815 Solenoid Cap

Servicing: 0001107047, 2339304003
 OD 50.15, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 139019.



231825 Solenoid Cap

Servicing: 0001230002, 0001230006,
 0001230012, 0001230014, 0001231011,
 2339402132
 OD 59.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 230452.



231828 Solenoid Cap

Servicing: 0001107063, 0001108176,
 0001108183, 0001109026, 2339304011
 OD 50.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 230115.



231882 Solenoid Cap

Servicing: 0001107077, 0001107098,
 0001107408, 0001113006, 0001116005,
 2339304022, 2339304024
 OD 50.30, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 230258, 232191.

Pkg. 5



232024 Solenoid Cap

Servicing: 0001369015, 0331402106,
 0331402606
 OD 59.00, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 138313.



232195 Solenoid Cap

Servicing: 0001231007, 0001231008,
 0001231009, 0001231011, 0001231019,
 0001231029, 0001231030, 2339402116,
 2339402139, 2339402157
 OD 58.94, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 231711, 233582, 233852.



232416 Solenoid Cap

Servicing: 2339303212
 OD 54.35, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 137877.


232421 Solenoid Cap

Servicing: 0331303144, 0331303644
 OD 54.70, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 232420.


234437 Solenoid Cap

Servicing: 2339304020
 OD 50.45, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 230848.


234917 Solenoid Cap

Servicing: 0001371006, 2339403006
 OD 63.65, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138311.


233075 Solenoid Cap

Servicing: 0001106018, 0001106019,
 0001107037, 0001107048, 0001107072,
 0001107096, 0001107403, 0001107406,
 0001107429, 0001107437
 OD 50.15, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 230356.


234438 Solenoid Cap

Servicing: 0001106012, 0001106017,
 0001106022, 0001106023, 0001106024,
 2339304033, 2339304054, B001109104
 OD 50.20, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 232188.


235005 Solenoid Cap

Servicing: 0001372002, 0001372003,
 0001372007, 0001372008, 2339304009,
 B001860021, B001860023
 OD 63.70, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 139965.


233499 Solenoid Cap

Servicing: 6004AA0018, 9007045018
 OD 54.00, No./terminals 3,
 Bracket type Crimp


234439 Solenoid Cap

Servicing: 2339304055
 OD 50.25, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 231203.

Pkg. 5


236372 Solenoid Cap

Replacing: 1330516633
 Servicing: 0001107450, 0001107451,
 0001107508, 0001107509, 0001107534,
 0001107535, 0001108405, 0001108406,
 0001109315, 0001121408
 OD 50.50, No./terminals 3


233925 Solenoid Cap

Servicing: 0001108197, 0001115005,
 0001115015, 0001115020, 2339303267,
 2339303335, B001115020
 OD 54.25, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 230635.


234845 Solenoid Cap

Servicing: 0001108162, 0001112041,
 0001116003, 2339304008, F000SH0125,
 F000SH0131
 OD 50.15, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 137612.


236646 Solenoid Cap

Servicing: 0001230002
 OD 58.86, No./terminals 3



330536 Solenoid Cap
 Servicing: 0001107425, 0001107426
 OD 50.36, No./terminals 3,
 Bracket type Crimp

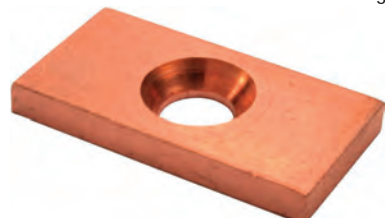
NEW PRODUCT
www.hc-cargo.com

331004 Solenoid Cap
 Servicing: 0001231016, 0001231046
 No./terminals 4, Bracket type Crimp

Moving Contacts



131591 Contact Plate
 Length 30.00, Thickness 2.00,
 Width 15.00



131592 Contact Plate
 Length 35.00, Thickness 4.00,
 Width 18.00



131594 Moving Contact
 Length 31.60, Shaft measurement 31.60,
 Thickness 2.00, Width 15.00



131595 Moving Contact
 Length 39.50, Shaft measurement 31.60,
 Thickness 4.00, Width 18.00
 Alternative no.: B131595



132275 Moving Contact
 Shaft measurement 32.10, Thickness 3.90
 Alternative no.: B132275



132276 Moving Contact
 Servicing: 0001106018, 0001107410,
 0001107448, 0001107449, 0001107450,
 0001107508, 0001107509, 0001107534,
 0001108245, 0001109305
 Length 36.00, Shaft measurement 31.60,
 Thickness 2.00, Width 15.00
 Alternative no.: B132276



132277 Moving Contact
 Shaft measurement 32.10, Thickness 2.50



132281 Moving Contact
 Servicing: 0001106014, 0001106023,
 0001109315, 0001147404, 0001223014
 Length 36.00, Shaft measurement 31.50,
 Thickness 3.00, Width 15.00



133503 Contact Plate
 Servicing: 0001223504, 0001231003,
 0331402031, 0331402054, 0331402089
 Length 39.50, Thickness 4.00,
 Width 18.00



136034 Contact Kit
 Servicing: 0001223504, 0001231003,
 0001231004, 0001231007, 0001231008,
 0001231009, 0001231011, 0001231014,
 0001231045, 0001368313
 Length 39.20, Shaft measurement 52.80,
 Thickness 4.00, Width 17.70



231384 Moving Contact
 Servicing: 0001371004, 0001371006,
 0001372002, 0001372003, 0001372007,
 0001372008, B001860021, B001860023
 OD 25.00, Shaft measurement 52.00,
 Thickness 5.00



Pkg. 5

231821 Moving Contact

 Servicing: 0001230002, 0001231007,
0001231008, 0001231009, 0001231011,
0001241020, 0331402106, 2339402115,
2339402117

 OD 18.50, Length 42.50,
Shaft measurement 42.50


Pkg. 5

233786 Moving Contact

Servicing: 2339304038, 2339305002

 OD 14.30, Shaft measurement 30.30,
Thickness 4.05


Pkg. 5

235538 Moving Contact

 Length 36.00, Shaft measurement 31.60,
Thickness 2.00, Width 15.00,
Silver plated.

Alternative no.: B235538



Pkg. 75

B131595 Moving Contact

Replacing: 131595

 Shaft measurement 32.05, Thickness 3.91
Alternative no.: 131595


Pkg. 75

B132275 Moving Contact

Replacing: 132275

Servicing: 0001368082, 0001368311

Shaft measurement 32.13, Thickness 3.93

Alternative no.: 132275



Pkg. 100

B132276 Moving Contact

Replacing: 132276

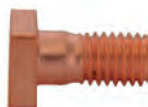
 Servicing: 0001106014, 0001106019,
0001106023, 0001107076, 0001107080,
0001107088, 0001107406, 0001107423,
0001107424, 0001107448

 Length 36.00, Shaft measurement 31.60,
Thickness 2.00, Width 15.00,

Alternative no.: 132276

Fixed Contacts

Pkg. 10


133568 Fixed Contact

 Total length 20.50,
Length/rear collar 16.55,
Thread length 11.00, Thread size M8

Pkg. 10


133569 Fixed Contact

 Total length 30.50,
Length/rear collar 26.00,
Thread length 22.00, Thread size M8


Pkg. 10

133570 Fixed Contact

 Total length 33.00,
Length/rear collar 27.40,
Thread length 25.15, Thread size M10
Alternative no.: B133570


Pkg. 10

133571 Fixed Contact

 Total length 41.00,
Length/rear collar 35.00,
Thread length 32.30, Thread size M10
Alternative no.: B133571


Pkg. 50

133572 Fixed Contact

 Total length 36.00,
Length/rear collar 34.30,
Thread length 28.25, Thread size M8

Pkg. 10


133573 Fixed Contact

 Total length 25.95,
Length/rear collar 20.45,
Thread length 17.60, Thread size M8
Alternative no.: B133573

NEW PRODUCT
www.hc-cargo.com

Pkg. 10



133575 Fixed Contact
 Total length 36.00, Thread size M8
 Alternative no.: B133575

Pkg. 10



134141 Fixed Contact
 Servicing: 0001223014
 Total length 50.60,
 Length/rear collar 45.30,
 Thread length 41.00, Thread size M8
 Alternative no.: B134141



136460 Fixed Contact Kit
 Total length 38.75,
 Length/rear collar 31.50,
 Thread length 29.15, Thread size M10



234449 Fixed Contact
 Replacing: 234455
 Total length 31.00,
 Length/rear collar 25.20,
 Thread length 21.20, Thread size M8

Pkg. 10



234450 Fixed Contact
 Total length 46.00,
 Length/rear collar 40.00,
 Thread length 36.45, Thread size M8

Pkg. 10



234452 Fixed Contact
 Servicing: 0001147404
 Total length 41.30,
 Length/rear collar 35.35,
 Thread length 30.40, Thread size M8



234453 Fixed Contact
 Total length 41.00,
 Length/rear collar 35.25,
 Thread length 31.00, Thread size M8



234454 Fixed Contact
 Total length 41.00,
 Length/rear collar 36.10,
 Thread length 31.60, Thread size M10

332609 Fixed Contact
 Replacing: 1333450783
 Total length 34.85,
 Length/rear collar 24.88,
 Thread length 24.96, Thread size M10

Pkg. 40



B133570 Fixed Contact
 Replacing: 133570
 Servicing: 0001368082
 Alternative no.: 133570

Pkg. 40



B133571 Fixed Contact
 Replacing: 133571
 Servicing: 0001368082
 Alternative no.: 133571

Pkg. 40



B133573 Fixed Contact
 Replacing: 133573
 Servicing: 0001107080, 0986010030
 Alternative no.: 133573

Pkg. 40


B133575 Fixed Contact

Servicing: 0001106023, 0001107080,
 0001115015, 0001223014, 0986010030
 Alternative no.: 133575

Pkg. 40


B134141 Fixed Contact

Replacing: 134141
 Alternative no.: 134141

Various

Pkg. 1000


136652 Gasket

ID 8.45, OD 12.85, Thickness 1.00
 For M8 bolt.


330257 Cover

Manufacturer: Bosch
 Replacing: 6033AD5273
 Servicing: 0001231040, 0001241012,
 0001241015, 0001241020, 0001261013,
 0001261023, 0001261044, 0001261045,
 0001261069, 0001263003
 Height 143.50

Drives

130027 Drive

Replacing: 2006209311, 2006209161,
 2006209160, 1006209339, 1006209233,
 1006209161, 1006209104, 1006209102
 Servicing: 0001160003, 0001160011,
 0001160013, 0001207016, 0001207017,
 0001207018, 0001207019, 0001207020,
 0001211012, 0001211013
 ID 11.00, OD 26.00, OD/housing 46.20,
 Total length 67.00, Splines A 10, No./
 teeth 9, Rotation ACR


130388 Drive

Replacing: 2006209324, 2006209322,
 1006209108
 Servicing: 0001311038, 0001311048
 ID 12.00, OD 26.80, OD/housing 46.10,
 Total length 68.00, Splines A 10, No./
 teeth 10, Rotation CR


130390 Drive

Replacing: 9003336212, 1006209140,
 1006209110, 1006209105, 1006209071,
 1006209056, 1006209049, 1006209039
 Servicing: 0001207003, 0001207009,
 0001207014, 0001207015, 0001208004,
 0001208007, 0001208018, 0001208032,
 0001209001, 0001209006
 ID 12.00, OD 29.60, OD/housing 46.30,
 Total length 68.00, Splines A 10, No./
 teeth 9, Rotation CR


130393 Drive

Replacing: 9001140104, 1006209445,
 1006209401
 Servicing: 0001157012, 0001157013,
 0001157021, 0001157023, 9000141100,
 9000141101, 9000141103, 9000141107,
 9000141108, 9000141111
 ID 12.00, OD 25.80, OD/housing 46.20,
 Total length 68.50, Splines A 10, No./
 teeth 9, Rotation CR


130396 Drive

Replacing: 9001336324, 9001082748,
 9001082686, 9001082660, 9001082340,
 9001066236, 1006209471, 1006209463
 Servicing: 0001157024, 0001157025,
 0001157028, 0001157029, 0001157030,
 0001208200, 0001208201, 0001208202,
 0001208206, 0001208208
 ID 12.00, OD 25.80, OD/housing 46.30,
 Total length 64.50, Splines A 10, No./
 teeth 9, Rotation CR

Alternative no.: 333521


130398 Drive

Replacing: 1006209421
 Servicing: 0001208203, 0001208205,
 0001208210, 0001208214, 0001208406,
 B001208085, B001208101, B001208160
 ID 12.00, OD 25.80, OD/housing 46.85,
 Total length 71.00, Splines A 10, No./
 teeth 9, Rotation CR



130400 Drive

Replacing: 1006209429
 Servicing: 0001208172, 0001208219, 0001208220, 0001208223, 0001208232, 0001208233, 0001208409, 0001208423, 0001211227, 0001211228
 ID 12.00, OD 26.80, OD/housing 46.20,
 Total length 64.00, Splines A 10,
 No./teeth 10, Rotation CR



130401 Drive

Replacing: 9001043178, 2006209273, 1006209439, 1006209402, 1006209080
 Servicing: 0001313003, 0001313004, 0001313005, 0001313006, 0001313007, 0001314002, 0001314005, 8001313017, 8001315038
 ID 12.00, OD 25.80, OD/housing 46.25,
 Total length 63.50, Splines A 10,
 No./teeth 9, Rotation CR



130402 Drive

Replacing: 1006209444, 1006209081
 Servicing: 0001311042, 0001314001
 ID 12.00, OD 29.60, OD/housing 46.25,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation CR



130404 Drive

Replacing: 9001082669, 9001082362, 9001042021, 2006209162, 1006209431, 1006209424, 1006209162
 Servicing: 0001204102, 0001204103, 0001208403, 0001208411, 0001208412, 0001208414, 0001208415, 0001208416, 0001208417, 0001208418
 ID 11.00, OD 25.80, OD/housing 46.10,
 Total length 63.00, Splines A 10,
 No./teeth 9, Rotation ACR

Alternative no.: 333231



130405 Drive

Replacing: 2006209163, 1006209417, 1006209412, 1006209411, 1006209405, 1006209403, 1006209400
 Servicing: 0001208053, 0001208054, 0001208055, 0001208254, 0001208255, 0001211025, 0001211204, 0001211205, 0001211209, 0001211210
 ID 12.00, OD 25.80, OD/housing 46.15,
 Total length 63.50, Splines A 10,
 No./teeth 9, Rotation CR

Alternative no.: 333520



130406 Drive

Replacing: 9001082420, 2006209166, 2006209165, 1006209332, 1006209165, 1006209127, 1006209101, 1006209068
 Servicing: 0001207010, 0001208001, 0001208003, 0001208009, 0001208011, 0001208019, 0001208020, 0001208023, 0001208024, 0001208025
 ID 12.00, OD 26.00, OD/housing 46.15,
 Total length 68.50, Splines A 10,
 No./teeth 9, Rotation CR



130407 Drive

Replacing: 2006209167
 ID 12.00, OD 29.00, OD/housing 47.55,
 Total length 63.50, Splines A 10,
 No./teeth 11, Rotation CR



130409 Drive

Replacing: 2006209332, 2006209331, 2006209249, 2006209242, 2006209241
 Servicing: 0001362001, 0001362002, 0001362003, 0001362004, 0001362007, 0001362027, 0001362028, 0001362029, 0001362030, 9000143406
 ID 12.00, OD 25.80, OD/housing 54.20,
 Total length 73.00, Splines A 10,
 No./teeth 9, Rotation CR



130412 Drive

Replacing: 2006209321, 1006209437
 Servicing: 0001208049, 0001208249, 0001211206, 0001211989
 ID 12.00, OD 26.80, OD/housing 47.50,
 Total length 64.50, Splines A 10,
 No./teeth 10, Rotation CR



130414 Drive

Replacing: 2006209500, 2006209471
 Servicing: 0001362001, 0001362002, 0001362029, 0001362030, 0001362038, 0001362047, 0001362069, 0001362070, 0001362077, 0001362078
 ID 12.00, OD 25.80, OD/housing 54.50,
 Total length 71.50, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130414Z, 130414ZZ, 333516

Best Choice



130414Z Drive

Replacing: 2006209500, 2006209471
 ID 12.00, OD 25.80, OD/housing 54.00,
 Total length 71.50, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130414


130414ZZ Drive

Replacing: 2006209500, 2006209471
 ID 12.00, OD 25.20, OD/housing 54.15,
 Total length 70.95, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 130414, 130414Z


130415 Drive

Replacing: 9001083444, 2006209915,
 2006209904, 2006209900, 2006209212,
 2006209189, 2006209183, 2006209068
 Servicing: 0001354004, 0001354006,
 0001354012, 0001354016, 0001354021,
 0001354023, 0001354027, 0001354031,
 0001354055, 0001354064
 ID 14.30, OD 34.00, OD/housing 54.20,
 Total length 90.00, Splines A 3,
 No./teeth 9, Rotation CR


130416 Drive


Replacing: 2006209971, 2006209917,
 2006209388, 2006209368, 2006209268,
 2006209073, 2006209072, 2006203022
 Servicing: 0001358018, 0001358020,
 0001358027, 0001358033
 ID 14.30, OD 41.00, OD/housing 60.00,
 Total length 92.50, Splines A 3,
 No./teeth 11, Rotation CR


130417 Drive

Replacing: 2006380718, 2006380410,
 2006380010
 Servicing: 0001401011, 0001401012,
 0001401023, 0001401028, 0001401041,
 0001401050, 0001401052, 0001401066,
 0001401067, 0001401071
 ID 14.70, OD 34.70, OD/housing 35.00,
 Total length 120.00, Splines A 3,
 No./teeth 9, Rotation CR


130418 Drive


Replacing: 2006382156, 2006382152,
 2006382018
 Servicing: 0001410018, 0001410032,
 0001410037, 0001410044, 0001410046,
 0001410050, 0001410053, 0001410062,
 0001410063, 0001410069
 ID 10.15, OD 41.00, Total length 61.00,
 No./teeth 11

Alternative no.: 333175 , 130418Z


 Best Choice


130419 Drive

Replacing: 2006382176, 2006382150,
 2006382020, 2006382017, 2006382013
 Servicing: 0001410015, 0001410016,
 0001410021, 0001410029, 0001410041,
 0001410058, 0001410066, 0001410078,
 0001410082, 0001410083
 ID 10.15, OD 34.30, Total length 61.10,
 No./teeth 9, Rotation CR

Alternative no.: 333173 , 130419Z


130419Z Drive

Replacing: 2006382176, 2006382150,
 2006382020, 2006382017, 2006382013
 ID 14.00, OD 34.80, Total length 61.10,
 No./teeth 9, Rotation CR
 Alternative no.: 333173 , 130419


130721 Drive

Replacing: 2006381558
 Servicing: 0001401044, 0001401046,
 0001501003, 0001501014, 0001501020,
 0001501032
 ID 14.60, OD 41.00, Total length 120.00,
 Splines A 3, No./teeth 11
 Bronze.


130722 Drive

Replacing: 2006380500
 ID 14.70, OD 39.00, Total length 120.00,
 Splines A 3, No./teeth 10


130730 Drive

Replacing: 9001336217, 9001336213
 ID 11.55, OD 25.25, OD/housing 45.00,
 Total length 62.15, Splines A 12,
 No./teeth 9, Rotation ACR



130731 Drive

Replacing: 9001336221
 ID 11.55, OD 29.20, OD/housing 45.00,
 Total length 61.90, Splines A 12,
 No./teeth 9, Rotation ACR



130738 Drive

Replacing: 9001133219
 ID 14.00, OD 29.15, OD/housing 46.20,
 Total length 68.00, Splines A 6,
 No./teeth 11, Rotation CR



130920 Drive

Replacing: 9001336203
 ID 12.00, OD 26.95, OD/housing 41.15,
 Total length 60.65, Splines A 6,
 No./teeth 8, Rotation ACR



130930 Drive

Replacing: 2006209478
 Servicing: 0001362037, 0001362071,
 B001812263
 ID 14.25, OD 29.60, OD/housing 54.00,
 Total length 73.50, Splines A 10,
 No./teeth 9, Rotation CR



130931 Drive

Replacing: 2006209448, 2006209418,
 2006209330, 2006209240
 Servicing: 0001362031, 0001362032,
 0001363101
 ID 14.30, OD 34.80, OD/housing 60.00,
 Total length 74.00, Splines A 10,
 No./teeth 9, Rotation CR



130932 Drive

Replacing: 2006209435, 2006209405
 Servicing: 0001359050, 0001359054,
 0001359058, 0001359061, 0001359064,
 0001359065, 0001359088, 0001359095,
 0001359105, 0001359114
 ID 14.30, OD 40.00, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 10, Rotation CR



130950 Drive

Replacing: 2006209483, 2006209470
 Servicing: 0001362039, 0001362056,
 0001362062, 0001362065, 0001362073,
 0001362102, 0001362105, 0001362322,
 0001362323, 0001363101
 ID 14.25, OD 34.80, OD/housing 60.00,
 Total length 73.50, Splines A 10,
 No./teeth 9, Rotation CR

Alternative no.: 333207



130995 Drive

Replacing: 9001042032, 9001042013,
 1006209423
 Servicing: 0001208425, 0001208426,
 0001208428, 0001208429, 0001211221,
 0001211222, 0001211251, 0001211252,
 0001211253, 0001211254
 ID 11.00, OD 25.80, OD/housing 46.30,
 Total length 74.00, Splines A 10,
 No./teeth 9, Rotation ACR



131019 Drive

Replacing: 2006209504, 2006209485,
 2006209476, 2006209469, 2006209449
 Servicing: 0001362034, 0001362036,
 0001362040, 0001362041, 0001362043,
 0001362046, 0001362050, 0001362053,
 0001362072, 0001362074
 ID 14.25, OD 34.80, OD/housing 60.00,
 Total length 74.00, Splines A 10,
 No./teeth 9, Rotation CR

Alternative no.: 333205



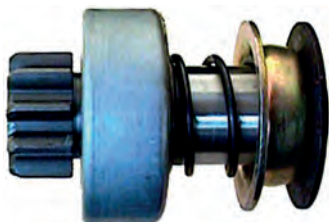
131065 Drive

Replacing: F000AL1897, 2008209008,
 2006209530, 2006209529, 2006209492
 Servicing: 0001362051, 0001362063,
 0001362096, 0001362097, 0001362300,
 0001362306, 0001362309, 0001362315,
 0001363116, 0001364301
 ID 14.25, OD 34.80, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 9, Rotation CR

Alternative no.: 333190 , 131065Z


131065Z Drive

Replacing: 2008209008, 2006209530
 ID 14.20, OD 34.30, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 333190 , 131065


131088 Drive

Replacing: 9001336232
 ID 12.05, OD 26.70, OD/housing 43.20,
 Total length 67.50, Splines A 5,
 No./teeth 10, Rotation CR


131097 Drive

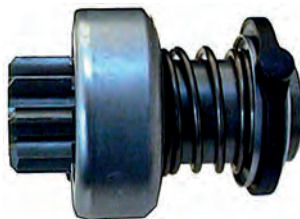
Replacing: 9001692096, 1006209472,
 1006209449, 1006209428, 1006209406
 Servicing: 0001208204, 0001211225, 0001311100,
 0001311128, 0001311150, 0001316007,
 9000692009, B001208010, B001211108, B001311132
 ID 12.00, OD 30.00, OD/housing 46.30,
 Total length 64.50, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333233


131098 Drive

Replacing: 1006209448
 Servicing: 0001157026, 0001208213, 0001208221,
 0001208222, 0001311134, 0001311135,
 0001311138, 0001314022, B001311048, B001311102
 ID 12.00, OD 25.80, OD/housing 47.00,
 Total length 64.50, Splines A 10,
 No./teeth 9, Rotation ACR


131101 Drive

Replacing: 1006209473, 1006209470,
 1006209469
 Servicing: 0001311146, 0001314026,
 0001314027, 0001314028, 0001314029,
 0001314030, 0001314033, 0001314034,
 0001314035, 0001314036
 ID 11.90, OD 25.80, OD/housing 46.20,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333519


131102 Drive

Replacing: 1006209500
 Servicing: 0001317007, 0001317008,
 0001317013, 0001317022, 0001317025,
 B001329009, B001329014, B001329045
 ID 12.00, OD 25.80, OD/housing 46.20,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333220 , 131102Z


131102Z Drive

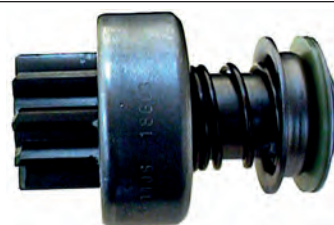
Replacing: 1006209500
 ID 12.00, OD 25.80, OD/housing 46.00,
 Total length 64.00, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 333220 , 131102


131104 Drive

Replacing: F000AL1698, F000AL1040,
 9001081022, 1006209939, 1006209906,
 1006209711, 1006209709, 1006209707
 Servicing: 0001108001, 0001108002,
 0001108003, 0001108009, 0001108010,
 0001108011, 0001108012, 0001108016,
 0001108017, 0001108018
 ID 12.00, OD 25.80, OD/housing 47.50,
 Total length 59.00, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333176 , 131104ZZ


131104ZZ Drive

Replacing: F000AL1698, F000AL1534,
 F000AL1516, F000AL1040, 9001081022,
 1006209939, 1006209906, 1006209709
 ID 12.00, OD 25.30, OD/housing 46.20,
 Total length 58.40, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 333176 , 131104


131106 Drive

Replacing: 2006209443, 2006209413
 Servicing: 0001359067, 0001359069,
 0001359081, 0001359082, 0001359103,
 0001359104, 0001359109, 0001359110,
 0001359126, 0001359127
 ID 14.29, OD 39.00, OD/housing 60.32,
 Total length 91.00, Splines A 10,
 No./teeth 10, Rotation CR



131107 Drive

Replacing: 2006382172, 2006382019

Servicing: 0001410065, 0001411017, 0001411021, 0001411025, 0001411026, 0001411027, 0001416052, 0001417005, 0001417006, 0001417007

ID 10.25, OD 41.00, Total length 61.00, No./teeth 11

Alternative no.: 333540



131108 Drive

Replacing: 2006209481, 2006209473, 2006209333, 2006209243

Servicing: 0001362005, 0001362006, 0001362026, 0001362044, 0001362045, 0001362055, 0001362061, 0001362079, 0001362086, 0001363104

ID 14.35, OD 36.50, OD/housing 59.95, Total length 73.50, Splines A 10, No./teeth 9, Rotation CR



131150 Drive

Replacing: 1006209502

Servicing: 0001317011, 0001317012, 0001317016, 0001317017, B001329013, B001329029

ID 12.00, OD 25.80, OD/housing 46.15, Total length 85.00, Splines A 10, No./teeth 9, Rotation ACR



131167 Drive

Replacing: 2006383160, 2006382174

Servicing: 0001410067, 0001410068, 0001410116, 0001415020, 0001416038, 0001416043, 0001416044, 0001416072, 9000084008, B001450102

ID 10.15, OD 42.00, Total length 61.00, No./teeth 11



131207 Drive

Replacing: 2006209431

Servicing: 0001362081, 0001362602, 0001362603, 0001362606, 0001362607, B001812323, B001812324, B001812349, B001812422, B001812426

ID 14.20, OD 27.20, OD/housing 54.10, Total length 74.00, Splines A 10, No./teeth 10, Rotation CR



131267 Drive

Replacing: 2006209401, 2006209341, 2006209301, 2006209119, 2006209117, 2006209107

Servicing: 0001358048, 0001358049, 0001359012, 0001359013, 0001359014, 0001359018, 0001359025, 0001359027, 0001359031, 0001359032

ID 14.00, OD 34.80, OD/housing 60.14, Total length 91.00, Splines A 10, No./teeth 9, Rotation CR



131269 Drive

Replacing: 2006209344, 2006209342, 2006209304, 2006209302, 2006209120, 2006209109

Servicing: 0001358050, 0001358051, 0001359001, 0001359003, 0001359004, 0001359010, 0001359019, 0001359024, 0001359026, 0001359030

ID 14.33, OD 40.55, OD/housing 60.00, Total length 89.60, Splines A 10, No./teeth 11, Rotation CR



131270 Drive

Replacing: 2006209440, 2006209438, 2006209423, 2006209410, 2006209408

Servicing: 0001359053, 0001359056, 0001359060, 0001359063, 0001359070, 0001359075, 0001359076, 0001359085, 0001359092, 0001359096

ID 14.29, OD 41.00, OD/housing 60.06, Total length 91.00, Splines A 10, No./teeth 11, Rotation CR



131271 Drive

Replacing: 2006209494, 2006209425

Servicing: 0001359108, 0001362018, 0001362064, 0001362301, 0001362303, 0001362304, 0001363118, 0001363121, 0001366008, 0001367008

ID 14.30, OD 41.00, OD/housing 60.20, Total length 91.00, Splines A 10, No./teeth 11, Rotation CR

Alternative no.: 333217


131344 Drive

Replacing: 2006209466
 Servicing: 0001362307, B001812330
 ID 14.40, OD 46.30, OD/housing 59.95,
 Total length 74.00, Splines A 10,
 No./teeth 12, Rotation CR


131381 Drive

Replacing: 9001083502, 2006209447,
 2006209417
 Servicing: 0001359102, 0001359122,
 0001360003, 0001360043, 0001360063,
 9000083043, 9000453088, 9000453091
 ID 14.30, OD 34.80, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 9, Rotation CR


131432 Drive

Replacing: 1006209517, 1006209501
 Servicing: 0001317009, 0001317010,
 0001317014, 0001317015, 0001317018,
 0001317019, 0001317020, 0001317021,
 B001329010
 ID 10.90, OD 25.80, OD/housing 46.25,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation ACR


131433 Drive

Replacing: F000AL1519, 1006210145,
 1006209907, 1006209905, 1006209568,
 1006209566, 1006209545, 1006209537
 Servicing: 0001107014, 0001107016,
 0001107027, 0001107028, 0001107029,
 0001107041, 0001108004, 0001108020,
 0001108033, 0001108037
 ID 12.00, OD 26.80, OD/housing 47.50,
 Total length 58.50, Splines A 10,
 No./teeth 10, Rotation CR

Alternative no.: 333172 , 131433Z


131433Z Drive

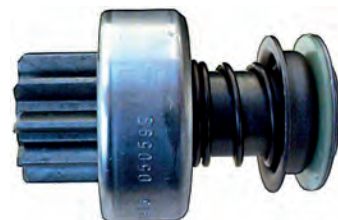
Replacing: F000AL1519, 1006210145,
 1006209907, 1006209905, 1006209568,
 1006209566, 1006209545, 1006209537
 ID 12.00, OD 26.80, OD/housing 46.25,
 Total length 58.50, Splines A 10,
 No./teeth 10, Drive type Steel,
 Rotation CR

Alternative no.: 333172 , 131433


131434 Drive

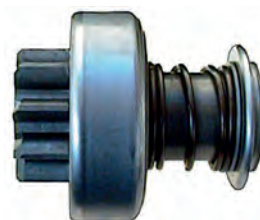
Replacing: 1006210152, 1006209908,
 1006209569, 1006209560
 Servicing: 0001110013, 0001110019,
 0001110043, 0001110044, 0001110051,
 0001110064, 0001110065, 0001110088,
 0001110104, 0001110105
 ID 12.00, OD 27.00, OD/housing 54.25,
 Total length 59.00, Splines A 10,
 No./teeth 10, Rotation CR

Alternative no.: 333548

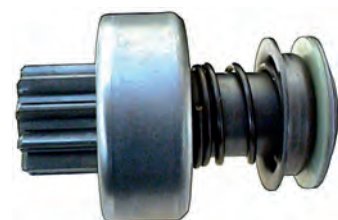

131475 Drive

Replacing: 2006209932, 2006209539,
 2006209533, 2006209498
 Servicing: 0001366019, 0001368016,
 0001368043, 0001368081, 0001368311,
 0001368320, B001811052, B001816150,
 B001816548
 ID 14.30, OD 37.80, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 10, Rotation CR

Alternative no.: 333223


131489 Drive

Replacing: 1006209436
 Servicing: 0001314010, 0001314017,
 0001316008, B001315024, B001315068,
 B001328013, B001328014
 ID 12.00, OD 34.80, OD/housing 53.45,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation CR


131495 Drive

Replacing: 2006209444, 2006209414
 Servicing: 0001359090, 9000083071,
 9000083076, 9000453074, 9000453075,
 9000453076
 ID 14.30, OD 32.00, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 10, Rotation CR

Alternative no.: 333515



131597 Drive

Replacing: 2006209499, 2006209462
 Servicing: 0001362093, 0001362310,
 0001362327, 0001362328, 0001363127,
 0001367006, 0001367022, 0001367035,
 0001367040, 0001367041
 ID 14.30, OD 39.00, OD/housing 60.10,
 Total length 91.00, Splines A 10,
 No./teeth 10, Rotation CR

Alternative no.: 333228



131711 Drive

Replacing: 2006209737, 2006209437,
 2006209407
 Servicing: 0001358200, 0001358201,
 0001358202
 ID 14.30, OD 46.30, OD/housing 59.90,
 Total length 75.00, Splines A 10,
 No./teeth 12, Rotation CR



131712 Drive

Replacing: 2006209336, 2006209246
 Servicing: 0001359120, 0001362012,
 0001362013, 0001362016, 0001362017,
 0001362018, 0001362021, 0001362024,
 0001362033, 0001363002
 ID 14.45, OD 34.80, OD/housing 60.00,
 Total length 77.00, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333854



131713 Drive

Replacing: 2006209902, 2006209181,
 2006209032, 2006209021, 2006208013
 Servicing: 0001354018, 0001354029,
 0001354033
 ID 14.30, OD 41.00, OD/housing 54.15,
 Total length 90.00, Splines A 3,
 No./teeth 11, Rotation CR



131714 Drive

Replacing: 2006380558
 Servicing: 0001401027, 0001401047,
 0001402053, 0001402057, 0001501035,
 0001501042, BNG4/12CR168SR,
 BPD6/24AR180
 ID 14.60, OD 41.00, Total length 120.00,
 Splines A 3, No./teeth 11



131744 Drive

Replacing: 9001084020
 ID 14.60, OD 45.50, Total length 120.00,
 Splines A 3, No./teeth 12



131745 Drive

Replacing: 2006380594, 2006380574
 Servicing: 0001401026, 0001401062,
 BNG4/12CR242SR
 ID 14.60, OD 39.50, Total length 120.00,
 Splines A 3, No./teeth 11



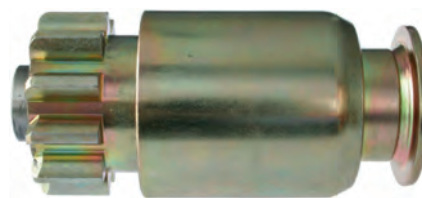
131747 Drive

Replacing: 2006380458, 2006380450
 Servicing: 0001400016, 0001401019,
 BNG2,5/12DR229, BNG4/12CR236
 ID 14.50, OD 45.90, Total length 120.00,
 Splines A 3, No./teeth 13,



131767 Drive

Replacing: 9001453670
 Servicing: 40MT, 50MT, 0001370001,
 9000453029, 9000453066, B001851001
 ID 15.90 (5/8"), OD 38.80, OD/housing 58.00,
 Total length 120.40, Splines A 19,
 No./teeth 10, Rotation CR



131768 Drive

Replacing: 2006202003, 2006202001
 Servicing: 40MT, 0001370002, 0001420002,
 0001420006, 0001420007, 0001420008,
 0001420010, 0001420011, 0001420026, 0001420027
 ID 19.00 (3/4"), OD 56.50, OD/housing 58.00,
 Total length 120.40/4.740", Splines A 19,
 No./teeth 11, Rotation CR



131771 Drive

Replacing: 2006209280, 1006209450,
 1006208450, 1006208280
 Servicing: 0001212005, 0001212006, 0001212007,
 0001212008, 0001212012, 0001212013,
 0001212200, 0001212204, 0001212205, 0001212208
 ID 12.10, OD 26.00, OD/housing 47.00,
 Total length 108.00, Splines A 10,
 No./teeth 9, Rotation ACR


131772 Drive

Replacing: 1006209451

Servicing: 0001212206, 0001212207, 0001212210, 0001212400, 0001212401, 0001312101, 0001312102, 0001312103, 0001312104, 0001312105

ID 12.10, OD 26.00, OD/housing 47.00, Total length 108.00, Splines A 10, No./teeth 9, Rotation CR


131773 5★ Drive

Manufacturer: Remy

Replacing: 2006382162

Servicing: 0001410051, 0001410092, 0001410108, 0001410110, 0001411001, 0001411002, 0001411006, 0001411011, 0001411020, 0001411028

ID 10.10, OD 45.00, Total length 61.00, No./teeth 12


131774 5★ Drive

Manufacturer: Remy

Replacing: 2006383150

Servicing: 0001410016, 0001410022, 0001410024, 0001410043, 0001410049, 0001410052, 0001410086, 0001413006, 0001413008, 0001414002

ID 10.25, OD 34.50, Total length 61.00, No./teeth 9, Bronze.


131775 5★ Drive

Manufacturer: Remy

Replacing: 2006383152

Servicing: 0001410017, 0001410019, 0001410023, 0001410034, 0001410039, 0001410040, 0001410053, 0001410073, 0001413003, 0001413009

ID 10.35, OD 41.00, Total length 61.00, No./teeth 11, Bronze.


131994 Drive

Replacing: 1006209520

Servicing: 0001218003, 0001218020, 0001218620, B001233054, B001233091

ID 12.00, OD 35.45, OD/housing 53.00, Total length 72.85, Splines A 10, No./teeth 12, Rotation CR


131995 Drive

Replacing: 9003336291, 1006209523

Servicing: 0001218006, 0001218016, 0001218021, 0001218029, 0001218108, 0001218109, 0001218110, 0001218150, 0001218156, 0001218160

ID 12.00, OD 27.50, OD/housing 54.00, Total length 64.80, Splines A 10, No./teeth 10, Rotation CR

Alternative no.: 333577 5★


131996 Drive

Replacing: F000AL1881, 9009996289, 9003336283, 9002336283

Servicing: 0001218014, 0001218019, 0001218024, 0001218101, 0001218102, 0001218103, 0001218151, 0001218154, 0001218159, 0001218163

ID 12.00, OD 35.00, OD/housing 54.00, Total length 62.50, Splines A 10, No./teeth 9, Rotation CR

Alternative no.: 333514 5★


131997 Drive

Replacing: 9003336284, 9003336201, 9002336207

Servicing: 0001218002, 0001218015, 0001218022, 0001218106, 0001218129, 0001218602, B001233022, B001233035, B001233107, B001233163

ID 11.95, OD 27.25, OD/housing 54.25, Total length 62.00, Splines A 10, No./teeth 10, Rotation CR


131998 Drive

Replacing: 9003336293, 9001140317

Servicing: 0001218001, 0001218004, 0001218005, 0001218008, 0001218010, 0001218012, 0001218013, 0001218017, 0001218018, 0001218025

ID 12.00, OD 25.35, OD/housing 53.50, Total length 62.00, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR

Alternative no.: 131998Z, 333506 5★



131998Z Drive

Replacing: 9003336293, 9001140317
 ID 12.00, OD 25.30, OD/housing 54.20,
 Total length 62.00, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 131998



132000 Drive

Replacing: 2006209933, 2006209541,
 2006209537, 2006209531
 Servicing: 0001364102, 0001364200,
 0001364203, 0001364204, 0001364206,
 0001364300, 0001368015, 0001368037,
 0001368056, 0001368305
 ID 14.30, OD 40.50, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 11, Rotation CR

Alternative no.: 333230

Best Choice



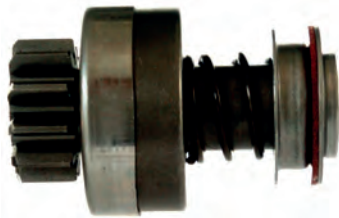
132079 Drive

Replacing: 9003336280, 9002336209,
 6033AD0044, 1006384642, 1006209524
 Servicing: 0001218009, 0001218011,
 0001218026, 0001218027, 0001218028,
 0001218122, 0001218134, 0001218135,
 0001218136, 0001218153
 ID 12.00, OD 29.35, OD/housing 53.50,
 Total length 62.85, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 132079Z



132079Z Drive

Replacing: 9003336280, 9002336209,
 6033AD0044, 1006384642, 1006209524
 ID 12.00, OD 29.15, OD/housing 54.30,
 Total length 62.15, Splines A 10, No./teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 132079



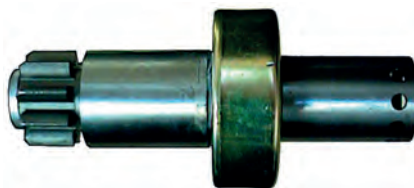
132117 Drive

Replacing: 2006209450
 Servicing: 0001364200, 0001364201,
 0001364202, 0001364205, B001819102,
 B001819116, B001819208
 ID 14.42, OD 40.75, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 11, Rotation CR



132163 Drive

Replacing: 9001082417, 1006209902,
 1006209125, 1006209017, 1006209014,
 1006209012
 Servicing: 0001203016, 0001305016,
 0001308006, EGD1/12AR37
 ID 12.00, OD 25.20, OD/housing 46.25,
 Total length 78.00, Splines A 3,
 No./teeth 9, Rotation CR



132166 Drive

Replacing: 1006209452
 Servicing: 0001312108, 0001312109, B001335003
 OD 25.00, OD/housing 47.50,
 Total length 108.00, Splines A 10,
 No./teeth 9, Rotation CR



132167 Drive

Replacing: 1006209519
 Servicing: 0001317023
 ID 12.00, OD 26.60, OD/housing 46.35,
 Total length 64.00, Splines A 10,
 No./teeth 10, Rotation CR



132168 Drive

Replacing: F000AL1520, 1006209522
 Servicing: 0001110001, 0001110002, 0001110014,
 0001110015, 0001110133, 0001110134,
 0001112003, 0001117008, B001117071
 ID 11.00, OD 25.80, OD/housing 46.00,
 Total length 58.50, Splines A 10,
 No./teeth 9, Rotation ACR



132169 Drive

Replacing: 1006209532
 Servicing: 0001110009, 0001110010, B001117030
 ID 12.00, OD 25.30, OD/housing 46.00,
 Total length 79.70, Splines A 10,
 No./teeth 9, Rotation ACR



132193 Drive

Replacing: 1006209329, 1006209325,
 1006209324, 1006209323, 1006209322,
 1006209321, 1006209320, 1006209119
 Servicing: 0001207001, 0001207005, 0001208006,
 0001208017, 0001310007, 0001310008,
 0001310009, 0001310019, AL/EEF0.5/6
 ID 12.65, OD 29.50, OD/housing 47.75,
 Total length 66.30, Splines A 10,
 No./teeth 9, Rotation ACR


132194 Drive

Replacing: F000AL1871, F000AL1001, 9001082749, 9001082324, 1006209425

Servicing: 0001208218, 0001208408, 0001208410, 0001208422, 0001211246, 0001311116, 0001311119, 0001311123, 0001311129, 0001311130

ID 12.00, OD 29.00, OD/housing 46.00, Total length 64.00, Splines A 10, No./teeth 11, Rotation CR


132195# Drive

Replacing: 1006209430

Servicing: 0001157020, 0001157022

ID 12.00, OD 27.00, OD/housing 47.65, Total length 61.75, Splines A 10, No./teeth 10, Rotation CR


132204 Drive

Replacing: 1006209571, 1006209541

Servicing: 0001110017, 0001110056, 0001110999, B001117203, B001117260, B001117285, F010AL0101

ID 12.00, OD 29.00, OD/housing 54.00, Total length 59.00, Splines A 10, No./teeth 11, Rotation CR


132205 Drive

Replacing: 1006209691, 1006209539, 1006209538

Servicing: 0001110003, 0001110005, 0001110012, 0001110016, 0001110025, 0001110026, 0001110039, 0001110053, 0001110054, 0001110055

ID 12.00, OD 27.80, OD/housing 45.70, Total length 58.75, Splines A 10, No./teeth 10, Rotation CR

Alternative no.: 333196 , 132205Z

Best Choice


132205Z Drive

Replacing: 1006209691, 1006209539, 1006209538

ID 12.00, OD 27.90, OD/housing 48.00, Total length 59.50, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR

Alternative no.: 333196 , 132205

Best Choice


132216 Drive

Replacing: 1007010045, 1006210155, 1006209921, 1006209919, 1006209918, 1006209710, 1006209703, 1006209596

Servicing: 0001108094, 0001108095, 0001108127, 0001110001, 0001110002, 0001110014, 0001110015, 0001110076, 0001110077, 0001110098

ID 12.00, OD 25.80, OD/housing 46.00, Total length 58.50, Splines A 10, No./teeth 9, Rotation ACR

Alternative no.: 333174 , 132216ZZ


132216ZZ Drive

Replacing: 1007010045, 1006210155, 1006209921, 1006209919, 1006209918, 1006209710, 1006209703, 1006209596

ID 12.00, OD 25.30, OD/housing 46.30, Total length 58.55, Splines A 10, No./teeth 9, Drive type Steel, Rotation ACR

Alternative no.: 333174 , 132216


132273 Drive

Replacing: 9002453073, 9001083436, 9001083406, 2006209446, 2006209436, 2006209422, 2006209421, 2006209406

Servicing: 0001359017, 0001359028, 0001359031, 0001359038, 0001359049, 0001359055, 0001359057, 0001359062, 0001359071, 0001359072

ID 14.30, OD 34.20, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 9, Rotation CR

Alternative no.: 333227


132308 Drive

Manufacturer: Remy

Replacing: 2006383154, 2006382154

Servicing: 0001410025, 0001410026, 0001410035, 0001410045, 0001410047, 0001410089, 0001410094, 0001415007, 0001416004, 0001416064

ID 10.00, OD 46.65, Total length 61.00, No./teeth 13


132345 Drive

Replacing: 2006209931, 2006209459, 2006209457, 2006209427

Servicing: 0001362312, 0001362316, 0001362319, 0001362321, 0001362331, 0001362332, 0001367037, 0001367075, 0001367078, 0001368059

ID 14.30, OD 32.00, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 10

Alternative no.: 333510



132364 Drive

Replacing: 2006209229, 2006209215, 2006209095, 2006209086

Servicing: 0001354080, 0001354082, 0001354091, 0001354092, 0001354093, 0001354098, 0001354099, 0001354100, 0001354103, 0001355013

ID 14.35, OD 34.35, OD/housing 54.00, Total length 90.00, Splines A 10, No./teeth 9, Rotation CR



132365 Drive

Replacing: 2006209901, 2006209185, 2006209031, 2006209023

Servicing: 0001354026, 0001354032

ID 14.25, OD 37.65, OD/housing 54.25, Total length 90.00, Splines A 3, No./teeth 10, Rotation CR



132366 Drive

Replacing: 2006382062

Servicing: 0001510001, 0001510002, 0001510008, 0001510009, 0001510017, 0001510021, 0001510022, 0001510024, 0001510030, 0001510034

ID 10.25, OD 40.75, Total length 75.10, No./teeth 11



132367 Drive

Replacing: 2006209916, 2006209386, 2006209366, 2006209071

Servicing: 0001358017, 0001358038, 0001358046, 0001358047

ID 14.25, OD 34.35, OD/housing 60.00, Total length 92.50, Splines A 3, No./teeth 9, Rotation CR



132368 Drive

Replacing: F002G20278, 2006209474, 2006209463

Servicing: 0001362048, 0001362049, 0001362084, 0001362100, 0001362330, 0001369020, 9000033005, 9000033007, 9000033008, 9000033009

ID 14.30, OD 39.80, OD/housing 54.00, Total length 73.85, Splines A 10, No./teeth 10, Rotation CR



132388 Drive

Replacing: 9003336206

Servicing: 0001218007, 0001218023, 0001218125, 0001218126, 0001218158, 0001218175, 0001218725, 0001218758, 0001218775

ID 12.00, OD 29.00, OD/housing 54.25, Total length 62.00, Splines A 10, No./teeth 11, Rotation CR



132542 Drive

Replacing: 9003336274

Servicing: 9000331406

ID 12.00, OD 34.50, OD/housing 53.60, Total length 56.50, Splines A 10, No./teeth 9, Rotation CR



132697 Drive

Replacing: 2006209346, 2006209306, 2006209201, 2006209200

Servicing: 0001359016

ID 14.00, OD 32.00, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 10, Rotation CR



132702 Drive

Replacing: 2006209532, 2006209495, 2006209452

Servicing: 0001362302, 0001362324, 0001367002, 0001367017, 0001367020, 0001367047, 0001367048, 0001367051, 0001367057, 0001367066

ID 14.25, OD 39.85, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 10, Rotation CR

Alternative no.: 333209 , 335235

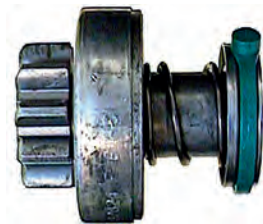


132732 Drive

Replacing: 2006202002

Servicing: 40MT, 50MT, 0001421005, 0001421014, 0001421015, B001421020, B001421039, B001421040

ID 19.00, OD 46.20/1.819", OD/housing 46.00, Total length 118.00/4.646", Splines A 19, No./teeth 12, Rotation ACR
Bronze.

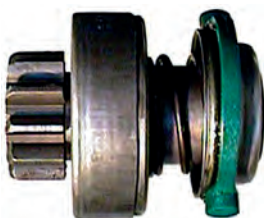


132824 Drive

Replacing: 9003336275, 9002336203

Servicing: 0001218814, 0001218816, 9000331405, 9000331412, 9000331413, 9000331417, 9000331425, 9000331427, 9000332402

ID 12.00, OD 39.75, OD/housing 53.00, Total length 63.45, Splines A 10, No./teeth 10, Rotation CR

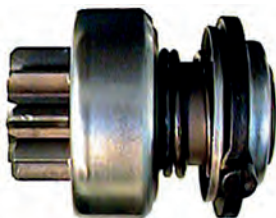

133230 5★ Drive

Replacing: Bosch

Replacing: 1006209540

Servicing: 0001108025, 0001108146, B001111018, B001111423

ID 12.00, OD 29.50, OD/housing 47.40, Total length 58.50, Splines A 10, No./teeth 11, Rotation CR


133362 Drive

Replacing: 9001690111, 9001066476, 9001066248, 9001066247, 9001066242, 1006209559, 1006209554, 1006209549

Servicing: 0001108054, 0001108065, 0001108100, 0001108108, 0001108115, 0001108117, 0001108131, 0001108141, 0001108145, 0001108210

ID 12.00, OD 29.25, OD/housing 46.25, Total length 58.20, Splines A 10, No./teeth 9, Rotation CR

Alternative no.: 333201 5★, 135115


133443 Drive

Replacing: 1006209418

Servicing: 0001311050, 0001311051, 0001311052, 0001311055, 0001314010, B001324002, B001324003, B001324004, B001324008

ID 12.00, OD 34.00, OD/housing 46.00, Total length 64.00, Splines A 10, No./teeth 9, Rotation CR


133498 Drive

Replacing: 2006209475

Servicing: 0001362035, 0001362042, 0001362059, 0001362092, 0001362095, 0001363105, 0001363117, 0001363125, 0001366011, 0001366012

ID 14.16, OD 40.50, OD/housing 60.00, Total length 73.75, Splines A 10, No./teeth 11, Rotation CR


133596 Drive

Replacing: 2006209465

Servicing: 0001362700, 0001362701, 0001362702, 0001367700, B001812413, B001812450

ID 14.35, OD 35.50, OD/housing 60.00, Total length 74.00, Splines A 10, No./teeth 11, Rotation CR

Alternative no.: 333225


133738# Drive

Replacing: 9001451251, 9001451249

Servicing: 9000451017, 9000451024

ID 12.00, OD 25.00, OD/housing 46.30, Total length 64.20, Splines A 6, No./teeth 9, Rotation CR


133853 Drive

Replacing: 1006209422

Servicing: 0001311115, 0001314039, 0001314040, B001311075, B001315080, B001315170

ID 12.00, OD 29.30, OD/housing 47.00, Total length 63.75, Splines A 10, No./teeth 11, Rotation ACR


133896 Drive

Replacing: 9001140114

Servicing: 9000141104

ID 12.00, OD 29.00, OD/housing 47.55, Total length 61.70, Splines A 10, No./teeth 9, Rotation ACR


134282 Drive

Replacing: 2006209426

Servicing: 0001367014, 0001367023, 0001367028, 0001367029, 0001367082, 0001368019, 0001368020

ID 14.25, OD 34.40, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 9, Rotation CR

Alternative no.: 333197 5★


134371 Drive

Replacing: 2006209594, 1006209912, 1006209911, 1006209594, 1006209591, 1006209552, 1006209295

Servicing: 0001108076, 0001108077, 0001110031, 0001110032, 0001110061, 0001110062, 0001110069, 0001110070, 0001110084, 0001110085

ID 12.00, OD 27.65, OD/housing 52.30, Total length 79.50, Splines A 10, No./teeth 10, Rotation ACR

Alternative no.: 134371Z

CAR GO Best Choice



134371Z Drive

Replacing: 2006209594, 1006209912, 1006209911, 1006209594, 1006209591, 1006209552, 1006209295
 ID 12.00, OD 27.65, OD/housing 52.30,
 Total length 79.50, Splines A 10,
 No./teeth 10, Rotation ACR
 Alternative no.: 134371



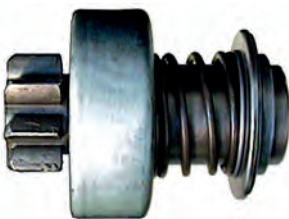
134434 Drive

Replacing: 9003336290, 6033AD0422
 Servicing: 0001218817, 0001218818, 6033A1J05B, 9000331421, 9000331424, 9000331428, 9000331430
 ID 12.00, OD 34.75, OD/housing 54.00,
 Total length 60.45, Splines A 10,
 No./teeth 9, Rotation CR



134644 Drive

Replacing: 1006209460
 Servicing: 0001208427, 0001211241, 0001314044, B001211163, B001315179
 ID 12.15, OD 30.00, OD/housing 48.00,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation ACR



134925 Drive

Replacing: 9001336323
 Servicing: 9000334103, 9003334103
 ID 12.00, OD 27.80, OD/housing 46.85,
 Total length 63.00, Splines A 10,
 No./teeth 8, Rotation CR



135085 Drive

Replacing: 1006210143, 1006209916, 1006209679, 1006209585
 Servicing: 0001107007, 0001107008, 0001107020, 0001107021, 0001107052, 0001107053, 6004AA0019, 9000694029, B001110054, B001110099
 ID 12.00, OD 25.25, OD/housing 46.50,
 Total length 55.45, Splines A 10,
 No./teeth 9, Rotation ACR
 Alternative no.: 333203

CAR GO Best Choice



135086 Drive

Replacing: F000AL1704, 9001081010, 1006209917, 1006209579
 Servicing: 0001107003, 0001107004, 0001107022, 0001107023, 9000081001, B001110041, B001110100, F000AL0125
 ID 12.00, OD 27.75, OD/housing 46.40,
 Total length 77.00, Splines A 10,
 No./teeth 10, Rotation ACR
 Alternative no.: 135086Z



135086Z Drive

Replacing: 1006209917, 1006209579
 ID 12.00, OD 27.94, OD/housing 46.00,
 Total length 77.00, Splines A 10,
 No./teeth 10, Drive type Steel,
 Rotation ACR
 Alternative no.: 135086



135116 Drive

Replacing: 9002336204
 Servicing: 0001218116, 0001218117, 0001218716, B001233180
 ID 12.00, OD 27.75, OD/housing 54.25,
 Total length 86.35, Splines A 10,
 No./teeth 10, Rotation ACR
 Alternative no.: 135116Z, 333502

CAR GO Best Choice



135116Z Drive

Replacing: 9002336204
 ID 12.00, OD 27.50, OD/housing 54.25,
 Total length 86.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation ACR
 Alternative no.: 135116



135164 Drive

Replacing: 1006209550
 Servicing: 0001107058, 0001108050, 0001112034, B001111098, B001180041
 ID 12.00, OD 29.10, OD/housing 46.25,
 Total length 58.60, Splines A 10,
 No./teeth 9, Rotation ACR



135251 Drive

Replacing: 2006209482
 Servicing: 0001362067, 0001362103, 0001362325, 0001362326, 0001362329, B001812248, B001812252, B001812437, B001812438, B001812443
 ID 14.40, OD 39.45, OD/housing 60.00,
 Total length 73.65, Splines A 10,
 No./teeth 10, Rotation CR


135374 Drive

Replacing: 2006382060

 Servicing: 0001510020, 0001510025, 0001510031, 0001510032, 0001510037, 0001510038, 0001510041, B001510020, B001510160, B001510169
 ID 10.20, OD 34.50, Total length 75.00, No./teeth 9

135464 Drive

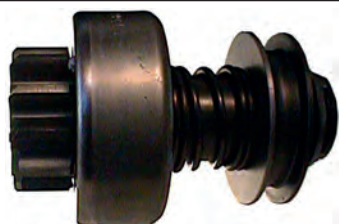
Replacing: 1006209923, 1006209578

 Servicing: 0001108099, B001111273
 ID 12.00, OD 29.20, OD/housing 46.25, Total length 58.65, Splines A 6, No./teeth 11, Rotation ACR

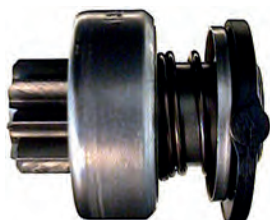
Alternative no.: 333523


135569 Drive

Replacing: 1006209527

 Servicing: 0001108013, 0001108032, 0001108045, 0001108046, 0001108066, B001111031, B001111105, B001111145, B001111146, B001111212
 ID 11.00, OD 25.35, OD/housing 46.00, Total length 58.50, Splines A 10, No./teeth 9, Rotation CR

135664 Drive

Replacing: 2006209919, 2006209390, 2006209077

 Servicing: 0001358021, 0001358026
 ID 14.00, OD 39.80, OD/housing 60.00, Total length 92.50, Splines A 3, No./teeth 11, Rotation CR

135713 Drive

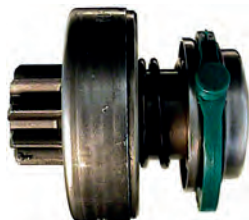
Replacing: 1006209580

 Servicing: 0001109001, 0001109002, 0001109006, 0001109007, B001116001
 ID 12.00, OD 25.25, OD/housing 46.25, Total length 55.40, Splines A 10, No./teeth 9, Rotation CR

Alternative no.: 333226


135714 Drive

Replacing: 1006209551

 Servicing: 0001110033, B001117229
 ID 12.00, OD 33.00, OD/housing 46.00, Total length 58.60, Splines A 10, No./teeth 10, Rotation ACR

135715 Drive

Manufacturer: Bosch

Replacing: 1006209581

 Servicing: 0001110066, 0001110067, 0001110108, B001117154
 ID 12.00, OD 25.45, OD/housing 53.45, Total length 58.50, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 135715Z

135715Z Drive

Replacing: 1006209581

ID 12.00, OD 25.45, OD/housing 53.45, Total length 58.50, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR

Alternative no.: 135715

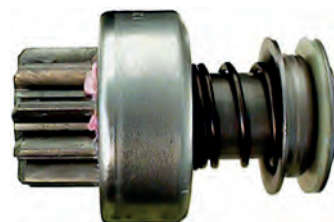

135716 Drive

Replacing: 9001081033, 1006209997, 1006209993, 1006209686, 1006209600, 1006209584

Servicing: 0001106012, 0001106017, 0001106022, 0001106023, 0001106024, 0001107009, 0001107012, 0001107013, 0001107015, 0001107017

ID 12.00, OD 25.20, OD/housing 46.20, Total length 53.50, Splines A 10, No./teeth 9, Rotation CR

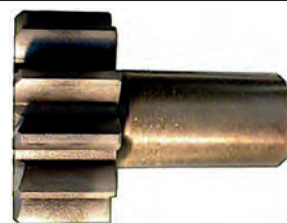
Alternative no.: 333194


135801 Drive

Replacing: 2006209394, 2006209345, 2006209305, 2006209111

Servicing: 0001359002, 0001359008, 0001359020, 0001359034, 0001359045, 0001359069, 0001360013, 9000143101

ID 14.30, OD 40.00, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 10, Rotation CR

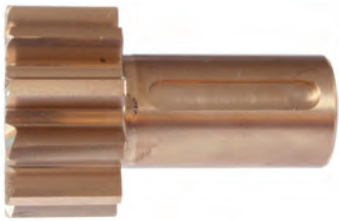

135860 Drive

Manufacturer: Remy

Replacing: 9001084064, 2006382190

Servicing: 0001416061, 0001416065, 0001416077, 0001417061, 0001417062, 0001417063, 0001417065, 0001417067, 0001417075, 9000084007

ID 10.15, OD 46.65, Total length 61.00, No./teeth 12, Rotation CR



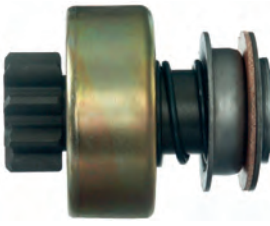
135861 5★ Drive
 Replacing: Remy
 Replacing: 2006383163
 Servicing: 0001413005, 0001414001, 0001416045, 0001418011, B001450199
 ID 10.30, OD 39.80, Total length 61.00, No./teeth 11
Bronze.



135911 Drive
 Replacing: 9003336286
 Servicing: 9000331411, 9003331411
 ID 12.00, OD 28.50, OD/housing 54.35, Total length 55.50, Splines A 10, No./teeth 11, Rotation CR



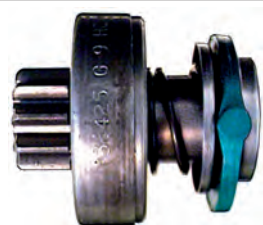
135985 Drive
 Replacing: 9001690067, 9001336240
 Servicing: 0001112032, 9000333121, 9000692064
 ID 12.00, OD 28.00, OD/housing 46.00, Total length 59.35, Splines A 10, No./teeth 8, Rotation CR



135989 Drive
 Replacing: 2006209339, 2006209239, 2006209233
 Servicing: 0001362023, 0001362025, B001812089
 ID 14.45, OD 34.00, OD/housing 60.25, Total length 74.00, Splines A 10, No./teeth 9, Rotation CR



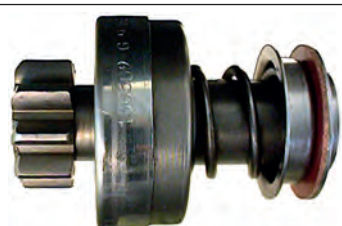
136285 Drive
 Replacing: 2006209343, 2006209303, 2006209122, 2006209118
 Servicing: 0001359021, 0001360015
 ID 14.30, OD 35.00, OD/housing 60.00, Total length 90.75, Splines A 10, No./teeth 9, Rotation CR



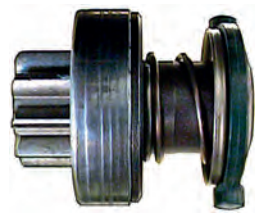
136425 Drive
 Replacing: 9002336205, 9002336200
 Servicing: 0001218104, 0001218105, 0001218119, 0001218126, 0001218127, 0001218128, 0001218728, B001233039, B001233159, B001233160
 ID 12.00, OD 26.80, OD/housing 54.00, Total length 62.00, Splines A 10, No./teeth 10, Rotation CR



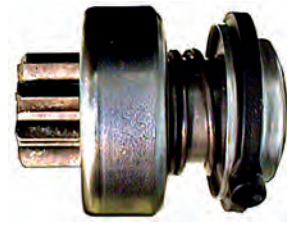
136472 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209533
 Servicing: 0001110007, 0001110008, B001117011
 ID 12.00, OD 25.35, OD/housing 48.45, Total length 58.65, Splines A 10, No./teeth 9, Rotation CR



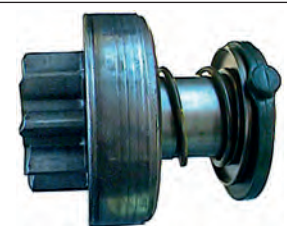
136509 Drive
 Replacing: 2006209544, 2006209543, 2006209458
 Servicing: 0001367072, 0001368069, 0001368083, 0001369007, 0001369019, 0001369025, B001816445, B001816446, B001816570, B001828071
 ID 14.35, OD 36.25, OD/housing 59.20, Total length 91.45, Splines A 10, No./teeth 9, Rotation CR
 Alternative no.: 333504 5★



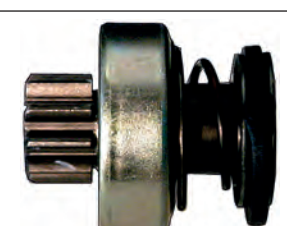
136614 Drive
 Replacing: D001965593, 1006209941, 1006209592
 Servicing: 0001107085, 0001110071, 0001110072, B001117153, B001117157, B001117161
 ID 12.00, OD 29.25, OD/housing 48.85, Total length 58.25, Splines A 10, No./teeth 9, Rotation CR
 Alternative no.: 333544 5★



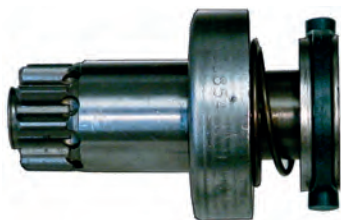
136723 Drive
 Replacing: 1006209535, 1006209521
 Servicing: 0001106001, 0001106002, 0001106004, 0001108005, 0001108006, 0001108021, 0001108147, 0001108203, 0001108535, 0001111001
 ID 12.00, OD 25.20, OD/housing 46.40, Total length 58.65, Splines A 10, No./teeth 9, Rotation ACR



136743 Drive
 Replacing: 9003336227, 9002336227, 9002336226, 6033AD2012
 Servicing: 0001218168, 0001218768, 0001218820, 0001219012, 0001219112, 9000331432
 ID 12.00, OD 36.25, OD/housing 54.45, Total length 63.65, Splines A 10, No./teeth 9, Rotation CR



136787 Drive
 Replacing: 9003336223, 9002336223
 Servicing: 0001218162, 0001218165, 0001218765
 ID 12.00, OD 27.45, OD/housing 54.20, Total length 60.85, Splines A 10, No./teeth 10, Rotation CR
 Alternative no.: 333508 5★



136854 Drive

Replacing: 1006209699, 1006209648, 1006209621

Servicing: 0001124001, 0001124002, 0001124005, 0001124006, 0001125001, 0001125002, 0001125007, 0001125008, 0001125011, 0001125012

ID 13.20, OD 27.75, OD/housing 53.60, Total length 83.25, Splines A 16, No./teeth 10, Rotation ACR


Dust cover kit: HC-CARGO 230091.

Alternative no.: 333177 , 136854Z, 136854ZZ


136854Z Drive

Replacing: 1006209699, 1006209648, 1006209621


ID 13.54, OD 27.87, OD/housing 52.16, Total length 83.50, Splines A 16, No./teeth 10, Drive type Steel, Rotation ACR

Alternative no.: 333177 , 136854, 136854ZZ


136854ZZ Drive

Replacing: 1006209880, 1006209699, 1006209648, 1006209621

ID 11.00, OD 27.85, OD/housing 54.40, Total length 82.40, Splines A 16, No./teeth 10, Drive type Steel, Rotation ACR

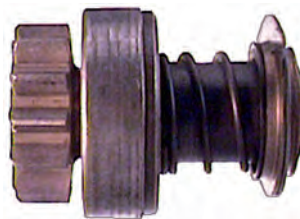
Alternative no.: 333177 , 136854, 136854Z


136888 Drive

Replacing: 1006209561

Servicing: 0001108068, 0001108069, 0001108070, 0001108103, 0001108104, 0001108105, 0001108123, 0001108134, 0001108135, 0001108160

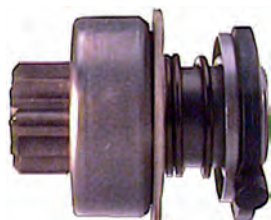
ID 11.00, OD 25.35, OD/housing 46.25, Total length 58.50, Splines A 10, No./teeth 9, Rotation CR


136912 Drive

Replacing: 1006209474

Servicing: 0001314031, B001315132

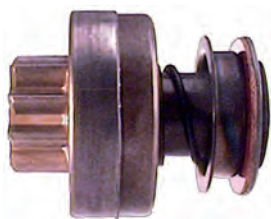
ID 12.00, OD 40.35, OD/housing 47.00, Total length 63.85, Splines A 10, No./teeth 13, Rotation ACR


136925 Drive

Replacing: 1006209564

Servicing: 0001108075, 0001108091, 0001108092, 0001108151, 0001108154, B001111266, B001111269, B001111306

ID 12.00, OD 25.30, OD/housing 46.35, Total length 58.50, Splines A 10, No./teeth 9, Rotation CR


136985 Drive

Replacing: 2006209489, 2006209488

Servicing: 0001362094, 0001362099, 0001366005, 0001366006, 0001366013, 0001366014, 9000143204, B001811040, B001812383, B001812418

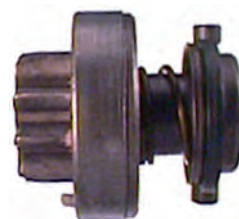
ID 14.30, OD 34.30, OD/housing 60.00, Total length 74.15, Splines A 10, No./teeth 9, Rotation ACR


137170 Drive

Replacing: 1006209927, 1006209626, 1006209574

Servicing: 0001110059, 0001110073, 0001110081, B001117272, B001117274

ID 12.00, OD 28.00, OD/housing 47.75, Total length 108.90, Splines A 10, No./teeth 10, Rotation ACR


137171 Drive

Replacing: 9002336218

Servicing: 0001218152, B001233216

ID 12.00, OD 36.65, OD/housing 57.65, Total length 62.75, Splines A 10, No./teeth 9, Rotation CR


137199 Drive

Replacing: 2006381410, 2006381010

Servicing: 0001401007, 0001401025, 0001401049, 0001401051, 0001401061, 0001402002, 0001402008, 0001402018, 0001402050, 0001402054


ID 14.60, OD 34.25, Total length 120.00, Splines A 3, No./teeth 9 Bronze.


137231 Drive

Replacing: 2006209542, 2006209540

Servicing: 0001364400, 0001364402, 0001368313, 0001368318

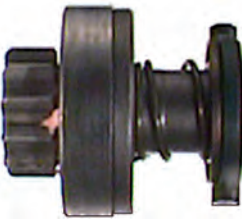
ID 14.30, OD 41.50, OD/housing 60.00, Total length 90.45, Splines A 10, No./teeth 11, Rotation CR

Alternative no.: 333232 



137265 Drive

Replacing: 1006209933, 1006209587
 Servicing: 0001112017, B001180054
 ID 12.00, OD 26.90, OD/housing 47.00,
 Total length 54.00, Splines A 10,
 No./teeth 8, Rotation CR



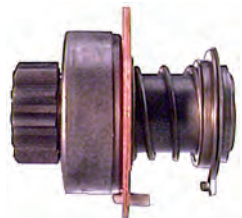
137275 Drive

Replacing: 9002336230
 Servicing: 0001218172, 0001218772
 ID 12.00, OD 35.35, OD/housing 54.40,
 Total length 64.00, Splines A 10,
 No./teeth 11, Rotation CR



137279 Drive

Replacing: 1006209914, 1006209482
 Servicing: 0001314047, 0001316012,
 0001316013, B001315186, B001328030
 ID 12.00, OD 33.00, OD/housing 54.40,
 Total length 75.15, Splines A 10,
 No./teeth 10, Rotation CR



137299 Drive

Replacing: 1006209432, 1006209082,
 1003209432
 Servicing: 0001315002, B001317004
 ID 12.00, OD 29.75, OD/housing 47.75,
 Total length 64.10, Splines A 10,
 No./teeth 11, Rotation ACR



137310 Drive

Replacing: 9003336292
 Servicing: 9000331420
 ID 12.00, OD 32.00, OD/housing 53.65,
 Total length 58.00, Splines A 10,
 No./teeth 12, Rotation CR



137480 Drive

Replacing: 1006209758, 1006209649,
 1006209628
 Servicing: 0001123003, 0001124003,
 0001124004, 0001124013, 0001124014,
 0001125005, 0001125006, 0001125009,
 0001125035, 0001125036
 ID 11.20, OD 25.35, OD/housing 53.70,
 Total length 83.65, Splines A 16,
 No./teeth 9, Rotation ACR
 Dust cover kit: HC-CARGO 230338.

Alternative no.: 333179 , 137480Z,
 137480ZZ



137480Z Drive

Replacing: 1006209758, 1006209649,
 1006209628
 ID 13.58, OD 25.27, OD/housing 52.17,
 Total length 84.82, Splines A 16,
 No./teeth 9, Drive type Steel,
 Rotation ACR
 Dust cover kit: HC-CARGO 230338.

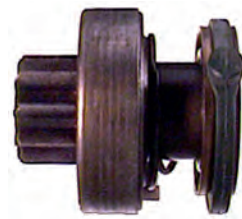
Alternative no.: 333179 , 137480,
 137480ZZ



137480ZZ Drive

Replacing: 1006209758, 1006209649,
 1006209628
 ID 11.00, OD 25.40, OD/housing 54.50,
 Total length 81.45, Splines A 16,
 No./teeth 9, Drive type Steel,
 Rotation ACR

Alternative no.: 333179 , 137480,
 137480Z



137481 Drive

Replacing: 1006209937, 1006209815,
 1006209787, 1006209690, 1006209677,
 1006209672, 1006209667, 1006209638
 Servicing: 0001107037, 0001107048,
 0001107054, 0001107055, 0001107067,
 0001107068, 0001107069, 0001107072,
 0001107073, 0001107074
 ID 12.00, OD 25.30, OD/housing 46.90,
 Total length 51.00, Splines A 10,
 No./teeth 9, Rotation CR

Alternative no.: 333178 , 137481Z



137481Z Drive

Replacing: 1006209937, 1006209815,
 1006209690, 1006209677, 1006209672,
 1006209638, 1006209618
 ID 12.00, OD 25.30, OD/housing 46.25,
 Total length 50.60, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR

Alternative no.: 333178 , 137481

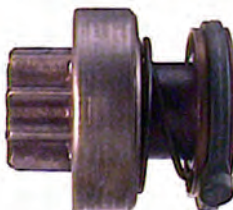

137483 Drive

Replacing: 1006210156, 1006209944, 1006209777, 1006209715, 1006209706, 1006209696, 1006209692, 1006209633

Servicing: 0001106011, 0001106014, 0001106015, 0001107047, 0001107063, 0001107077, 0001107089, 0001107091, 0001107097, 0001107098

ID 12.00, OD 25.00, OD/housing 46.35, Total length 49.00, Splines A 10, No./teeth 9, Rotation CR

Alternative no.: 333191


137888 Drive

Replacing: 1006209983, 1006209975, 1006209968, 1006209660, 1006209634

Servicing: 0001107062, 0001108157, 0001108169, 0001108190, 0001108196, 0001108230, 0001108231, 0001108245, 0001109204, 0001109389

ID 12.00, OD 28.85, OD/housing 46.40, Total length 51.25, Splines A 10, No./teeth 9, Rotation CR

Alternative no.: 333192


137889 Drive

Replacing: 1006209637

Servicing: 0001109015, 0001109052, 0001109055, 0001109062, 0001109068

ID 12.00, OD 27.80, OD/housing 54.25, Total length 57.00, Splines A 10, No./teeth 10, Rotation CR

Alternative no.: 333199

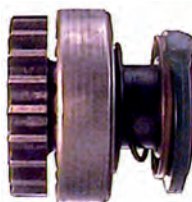

137890 Drive

Replacing: 1006209946, 1006209759, 1006209643, 1006209636

Servicing: 0001124007, 0001124008, 0001124011, 0001124012, 0001124018, 0001124019, 0001124022, 0001124023, 0001124024, 0001124025

ID 11.20, OD 25.40, OD/housing 53.60, Total length 93.50, Splines A 16, No./teeth 9, Rotation ACR

Alternative no.: 333181 , 137890Z


137891 Drive

Replacing: 1006209652

Servicing: 0001107059, 0001107082

ID 12.00, OD 49.45, OD/housing 53.40, Total length 48.65, Splines A 10, No./teeth 21, Rotation CR

Alternative no.: 137891Z


137891Z Drive

Replacing: 1006209652

ID 12.00, OD 49.70, OD/housing 54.00, Total length 47.00, Splines A 10, No./teeth 21, Rotation CR

Alternative no.: 137891


137981 Drive

Replacing: 1006209929, 1006209629

Servicing: 0001107043, 0001107087, 0001113010, 0001113017

ID 12.00, OD 26.70, OD/housing 46.15, Total length 50.40, Splines A 10, No./teeth 10, Rotation CR

Alternative no.: 333216


138233 Drive

Replacing: 1006209613

Servicing: 0001107031, 0001107032, 0001107049, 6004AA0018, 9007045009, 9007045018, 9007045020

ID 11.00, OD 27.00, OD/housing 46.25, Total length 54.30, Splines A 10, No./teeth 8, Rotation CR


138252 Drive

Manufacturer: Bosch

Replacing: 1006209602

Servicing: 0001107024, 0001115042, B001110080

ID 12.00, OD 29.60, OD/housing 47.70, Total length 53.45, Splines A 10, No./teeth 9, Rotation ACR


138308 Drive

Replacing: 2008109203, 2006202011, 2006202010

Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371013

ID 15.90, OD 41.25, OD/housing 58.00, Total length 118.00, Splines A 19, No./teeth 11, Rotation CR

Alternative no.: 138308ZZ



138308ZZ Drive

Replacing: 2008109203, 2006202011, 2006202010
 Servicing: 0001371004, 0001371006, 0001371007, 0001371008, 0001372001, 0001372002, 0001372005, 0001372006, 0001372007
 ID 15.90, OD 41.50, OD/housing 58.00,
 Total length 118.00, Splines A 19,
 No./teeth 11, Rotation CR
 Alternative no.: 138308



138316 Drive

Replacing: 2006209432
 Servicing: 0001367054, B001816187
 ID 14.30, OD 40.00, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 10, Rotation CR



138322 Drive

Replacing: 1006209642
 Servicing: 0001109014, 0001115001
 ID 12.00, OD 27.70, OD/housing 53.00,
 Total length 50.50, Splines A 10,
 No./teeth 10, Rotation CR

Alternative no.: 333214



138332 Drive

Replacing: 9001453601
 Servicing: 0001371001, 9000453064, 9000453065, 9000453067, 9000453068, B001850025, B001851012
 ID 15.85, OD 46.15, OD/housing 58.00,
 Total length 118.30, Splines A 19,
 No./teeth 12, Rotation CR



138867 Drive

Manufacturer: Bosch
 Replacing: 2006209479
 Servicing: 0001362060, 0001362090, B001812178
 ID 14.00, OD 40.00, OD/housing 60.00,
 Total length 74.00, Splines A 10,
 No./teeth 11, Rotation CR



138874 Drive

Replacing: 1006209932, 1006209588
 Servicing: 0001112018, B001180055
 ID 12.00, OD 27.00, OD/housing 46.50,
 Total length 69.60, Splines A 10,
 No./teeth 8, Rotation ACR



138875 Drive

Replacing: F000AL1681, F000AL1186,
 1006209762, 1006209641
 Servicing: 0001121001, 0001121002, 0001121003,
 0001121030, 0001121031, 0001121032,
 0001121033, 0001121034, 0001121035
 ID 11.10, OD 25.20, OD/housing 47.65,
 Total length 82.85, Splines A 16,
 No./teeth 9, Rotation CR

Alternative no.: 333183 , 138875Z



138875Z Drive

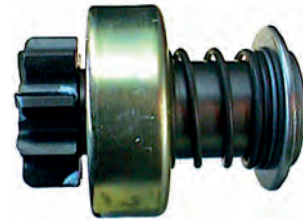
Replacing: F000AL1681, F000AL1186,
 1006209762, 1006209641
 ID 11.00, OD 25.30, OD/housing 46.30,
 Total length 81.80, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation CR

Alternative no.: 333183 , 138875



138876# Drive

Replacing: 9001336320
 Servicing: 9000334101, 9003334101
 ID 12.00, OD 27.25, OD/housing 47.75,
 Total length 62.00, Splines A 10,
 No./teeth 10, Rotation ACR



138946 Drive

Replacing: 1006209420
 Servicing: 0001311056, 0001314016,
 B001315028, B001324012
 ID 12.00, OD 34.40, OD/housing 47.00,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation ACR



138948 Drive

Replacing: 9002336208
 Servicing: 0001218809, 9000331419
 ID 12.00, OD 25.00, OD/housing 54.35,
 Total length 65.50, Splines A 10,
 No./teeth 9, Rotation CR



139013 Drive

Replacing: 1006209928, 1006209627,
 1006209606, 1006209605
 Servicing: 0001108137, 0001108144,
 0001108156, 0001109040, 0001110090,
 0001110120, B001116118, B001117613
 ID 12.00, OD 25.25, OD/housing 46.50,
 Total length 59.50, Splines A 10,
 No./teeth 9, Rotation CR


139056 Drive

Replacing: 9002336236, 6033AD4148, 6033AD4034, 6033AD3850, 6033AD3244, 6033AD3111, 6033AD3108, 6033AD3006
 Servicing: 0001230001, 0001230006, 0001230012, 0001230013, 0001230014, 0001230027, 0001231002, 0001231003, 0001231005, 0001231018
 ID 14.30, OD 34.50, OD/housing 59.00, Total length 82.25, Splines A 10, No./teeth 9, Rotation CR
 Alternative no.: 139056Z


139056Z Drive

Replacing: 9002336236, 6033AD4148, 6033AD4034, 6033AD3850, 6033AD3244, 6033AD3111, 6033AD3108, 6033AD3006
 ID 14.45, OD 34.80, OD/housing 60.00, Total length 82.50, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 139056


139336 Drive

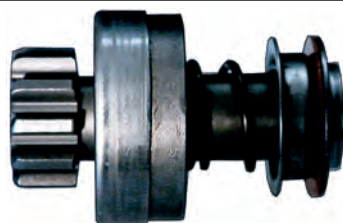
Replacing: 1006209555
 Servicing: 0001317024, B001329044
 ID 12.00, OD 29.00, OD/housing 46.30, Total length 64.00, Splines A 10, No./teeth 11, Rotation CR


139458 Drive

Replacing: 9002336225
 Servicing: 0001218166, 0001218766
 ID 11.75, OD 37.00, OD/housing 54.00, Total length 58.00, Splines A 10, No./teeth 10, Rotation CR


139503 Drive

Replacing: 1006209107, 1006209073
 Servicing: 0001214002
 ID 12.00, OD 30.50, OD/housing 48.00, Total length 68.00, Splines A 10, No./teeth 9, Rotation ACR

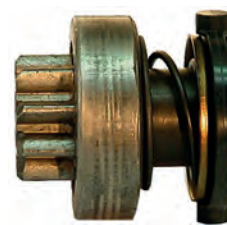

139558 Drive

Replacing: 2006209491
 Servicing: 0001362052, 0001367016, 0001367064, 0001367065, 9000143410, 9000143600, 9000143602, 9000143603, 9000143604, B001812210
 ID 14.40, OD 39.80, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 11, Rotation CR


139850 Drive

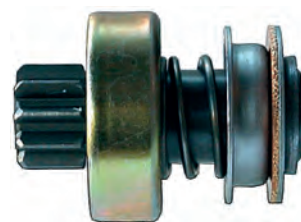
Replacing: 1006209922, 1006209910, 1006209583, 1006209565, 1006209558, 1006209553
 Servicing: 0001107005, 0001107006, 0001108059, 0001108060, 0001108076, 0001108077, 0001108096, 0001108097, 0001112010, 0001112011
 ID 12.00, OD 27.70, OD/housing 46.80, Total length 79.50, Splines A 10, No./teeth 10, Rotation ACR

Alternative no.: 333221


139954 Drive

Replacing: 1006209675, 1006209670, 1006209607
 Servicing: 0001106019, 0001107030, 0001107066, 0001107075, 0001107078, 0001107079, 0001108181, 9000694035, 9000694044, B001110240
 ID 12.00, OD 29.25, OD/housing 46.85, Total length 49.00, Splines A 10, No./teeth 9, Rotation CR

Alternative no.: 333208


230144 Drive

Replacing: 2006209503, 2006209501, 2006209477
 Servicing: 0001363106, 0001363119, 0001363120, 0001363123, B001813206, B001813221, B001813239, B001813252
 ID 12.00, OD 27.45, OD/housing 53.40, Total length 71.65, Splines A 10, No./teeth 10, Rotation CR
 Alternative no.: 230144Z


230144Z Drive

Replacing: 2006209503, 2006209501, 2006209477
 ID 12.00, OD 27.45, OD/housing 54.00, Total length 70.65, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 230144



230145 Drive

Replacing: 2006209535
 Servicing: 0001367025, 0001368004, B001816061, B001816062
 ID 14.30, OD 39.75, OD/housing 60.00, Total length 90.50, Splines A 10, No./teeth 11, Rotation CR



230159 Drive

Replacing: 1006209433, 1006209083
 Servicing: 0001314003, B001315015
 ID 12.00, OD 34.00, OD/housing 47.70, Total length 64.15, Splines A 10, No./teeth 9, Rotation ACR



230197 Drive

Replacing: 1006209419
 Servicing: 0001311054, B001324007
 ID 12.00, OD 46.85, OD/housing 53.75, Total length 63.70, Splines A 10, No./teeth 13, Rotation CR



230336 Drive

Replacing: 9003336289, 9002336219
 Servicing: 0001218118, 0001218176, 0001218776, 9000331201, 9000331203, 9000331415, B001233200
 ID 12.00, OD 35.00, OD/housing 58.00, Total length 62.00, Splines A 10, No./teeth 9, Rotation CR
 Alternative no.: 333511



230339 Drive

Replacing: 1007010105, 1006209757, 1006209657
 Servicing: 0001121006, 0001121007, 0001121011, 0001121028, 0001121029, F004A94029
 ID 11.00, OD 25.35, OD/housing 46.20, Total length 82.25, Splines A 16, No./teeth 9, Rotation ACR
 Dust cover kit: HC-CARGO 230338.
 Alternative no.: 333200



230340 Drive

Replacing: F00MAL1100, F000AL1100, 1006209680
 Servicing: 0001121008, 0001121009, 0001121010, 0001121011, 0001121016, 0001121017, 0001121018, 0001121019, 0001121024, 0001121025
 ID 11.20, OD 27.75, OD/housing 46.35, Total length 82.85, Splines A 16, No./teeth 10, Rotation ACR
 Alternative no.: 333215



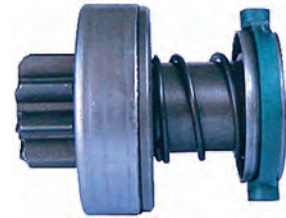
230349 Drive

Replacing: 1006209620
 Servicing: 0001109012, 0001109047
 ID 12.00, OD 34.00, OD/housing 47.75, Total length 58.80, Splines A 10, No./teeth 9, Rotation ACR



230350 Drive

Replacing: 1006209622
 Servicing: 0001110110
 ID 12.00, OD 39.80, OD/housing 53.65, Total length 59.00, Splines A 10, No./teeth 13, Rotation CR
 Alternative no.: 333229



230351 Drive

Replacing: 9002336216
 Servicing: 0001218143, 0001218144, 0001218171, 0001218771, B001233189, B001233194
 ID 12.00, OD 29.60, OD/housing 53.70, Total length 64.00, Splines A 10, No./teeth 9, Rotation CR



230352 Drive

Replacing: 1006209646
 Servicing: 0001109026
 ID 12.00, OD 29.00, OD/housing 54.00, Total length 51.50, Splines A 10, No./teeth 11, Rotation CR
 Alternative no.: 333553



230546 Drive

Replacing: 9003336287, 9002336287, 9002336224
 Servicing: 0001218153, 0001218157, 0001218757, 9000331414
 ID 12.00, OD 28.80, OD/housing 54.50, Total length 61.50, Splines A 10, No./teeth 9, Rotation CR



230639 Drive
 Replacing: 1006209603
 Servicing: 0001108128, B001111390
 ID 12.00, OD 28.00, OD/housing 48.80,
 Total length 57.75, Splines A 10,
 No./teeth 10, Rotation CR



230789 Drive
 Replacing: 2006209468
 Servicing: 0001363108, 0001366025,
 B001811056, B001813212
 ID 14.30, OD 33.40, OD/housing 60.00,
 Total length 72.90, Splines A 10,
 No./teeth 9, Rotation CR



230828 Drive
 Replacing: 1006209987, 1006209950,
 1006209802, 1006209645
 Servicing: 0001109025, 0001109030, 0001109033,
 0001109035, 0001109045, 0001109200,
 0001109201, 0001109265, 0001109266, 0001109267
 ID 12.00, OD 29.25, OD/housing 54.35,
 Total length 51.00, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333571



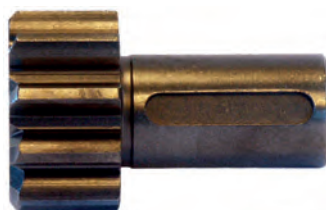
230834 Drive
 Replacing: 1006209671
 Servicing: 0001108180, 0001108182, 0001108186
 ID 12.00, OD 29.00, OD/housing 50.00,
 Total length 50.50, Splines A 10,
 No./teeth 11, Rotation CR
 Alternative no.: 333180 , 230834Z



230834Z Drive
 Replacing: 1006209671
 ID 12.00, OD 29.35, OD/housing 50.10,
 Total length 51.50, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 333180 , 230834



230835 Drive
 Replacing: F005M10053, F000AL1209,
 1006209678, 1006209635, 1006209631
 Servicing: 0001108183, 0001108217, 0001108218,
 0001109036, 0001109250, 0001110112,
 0001115001, 0001115008, F000AL0101, F000AL0104
 ID 12.00, OD 27.75, OD/housing 46.30,
 Total length 50.00, Splines A 10,
 No./teeth 10, Rotation CR
 Alternative no.: 333189



230961 Drive
 Replacing: 2006382188, 2006382182, 2006382178
 Servicing: 0001410064, 0001410097, 0001411004,
 0001411019, 0001415023, 0001416029,
 0001416037, 0001416046, 0001416063, 0001417015
 ID 10.20, OD 39.10, Total length 61.00,
 No./teeth 10, Rotation CR



231009 Drive
 Replacing: 1006209650
 Servicing: 0001109029
 ID 12.00, OD 29.30, OD/housing 46.00,
 Total length 51.00, Splines A 10,
 No./teeth 9, Rotation ACR
 Alternative no.: 333524



231015 Drive
 Replacing: 1006209931, 1006209590
 Servicing: 0001107011, 0001107039, B001110092
 ID 12.00, OD 27.00, OD/housing 48.30,
 Total length 65.80, Splines A 10,
 No./teeth 8, Rotation ACR



231585 Drive
 Replacing: 2006209903, 2006209187,
 2006209033, 2006209003
 Servicing: 0001354009
 ID 14.45, OD 46.80, OD/housing 59.00,
 Total length 90.40, Splines A 3,
 No./teeth 13, Rotation CR



231756 Drive
 Replacing: 9002336237, 6033ADO200,
 6033ADO184, 6033AD4240, 6033AD4119,
 6033AD4019, 6033AD3338, 6033AD3334
 Servicing: 0001230004, 0001230008, 0001231001,
 0001231009, 0001231012, 0001231016,
 0001231017, 0001231026, 0001231027, 0001231039
 ID 14.35, OD 39.55, OD/housing 62.20,
 Total length 83.80, Splines A 10,
 No./teeth 10, Rotation CR
 Alternative no.: 333185



231884 Drive
 Replacing: 2006209282, 1006209120,
 1006209054, 1006209050
 Servicing: 0001212001, 0001215001,
 0001215002, B001223001
 OD 25.30, OD/housing 47.75,
 Total length 98.00, Splines A 10,
 No./teeth 9, Rotation CR



231885 Drive

Replacing: 2006209434
 Servicing: 0001367061, B001816377
 ID 14.30, OD 29.20, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 9, Rotation ACR



231886 Drive

Manufacturer: Bosch
 Replacing: 2006209329
 Servicing: 0001363103, 0001366010,
 B001811032, B001813213
 ID 14.25, OD 46.50, OD/housing 60.00,
 Total length 73.50, Splines A 10,
 No./teeth 13, Rotation ACR



231896 Drive

Replacing: 1006209704
 Servicing: 0001116001
 ID 12.00, OD 25.20, OD/housing 46.30,
 Total length 46.00, Splines A 10,
 No./teeth 9, Rotation CR

Alternative no.: 333210



231897 Drive

Replacing: 1006209924, 1006209601
 Servicing: 0001109008, 0001109043,
 B001116015
 ID 12.00, OD 29.50, OD/housing 53.65,
 Total length 70.00, Splines A 10,
 No./teeth 9, Rotation CR



231898 Drive

Replacing: 6033AD0061
 Servicing: 0001223002
 ID 12.00, OD 35.35, OD/housing 54.45,
 Total length 64.25, Splines A 16,
 No./teeth 11, Rotation CR

Alternative no.: 333509



232362 Drive

Replacing: 9002336233
 Servicing: 0001218819, 9000331431
 ID 12.00, OD 34.00, OD/housing 60.00,
 Total length 68.75, Splines A 10,
 No./teeth 9, Rotation CR



232481 Drive

Replacing: 1006209542
 Servicing: 0001110018, B001117046
 ID 12.00, OD 30.00, OD/housing 48.00,
 Total length 58.00, Splines A 10,
 No./teeth 9, Rotation ACR



232623 Drive

Replacing: 1006209943, 1006209681
 Servicing: 0001125016, 0001125017, 0001125018,
 0001125019, 0001125046, 0001125047,
 0001125048, 0001125049, 0001125605, 0001125606
 ID 12.00, OD 27.94, OD/housing 54.50,
 Total length 103.50, Splines A 16,
 No./teeth 10, Rotation ACR

Alternative no.: 333564 , 335236



232632 Drive

Replacing: 2006202000
 Servicing: 0001420001, 0001420003,
 0001420004, 0001420005, 0001420009,
 0001420012, 0001420013, 0001420014,
 0001420015, 0001420024

ID 19.00, OD 46.30, OD/housing 58.00,
 Total length 118.45, Splines A 19,
 No./teeth 12, Rotation CR
 Alternative no.: 333858



233719 Drive

Replacing: 6033AD0414
 Servicing: 0001223013
 ID 11.75, OD 36.00, OD/housing 53.00,
 Total length 58.00, Splines A 16,
 No./teeth 9, Rotation CR

Alternative no.: 333206



233720 Drive

Manufacturer: Bosch
 Replacing: 1006209947, 1006209751,
 1006209653
 Servicing: 0001109041, 0001109048,
 0001109061, 0001109063, 0001109252,
 0001109256, 0001109264
 ID 12.00, OD 25.35, OD/housing 53.50,
 Total length 50.80, Splines A 10,
 No./teeth 9, Rotation CR



233722 Drive
 Replacing: 6033AD4243, 6033AD0129
 Servicing: 0001231004, 0001263012
 ID 14.30, OD 46.25, OD/housing 59.50,
 Total length 84.35, Splines A 10,
 No./teeth 12, Rotation CR
 Alternative no.: 333500



233723 Drive
 Replacing: 6033AD3106, 6033AD0267
 Servicing: 0001230002
 ID 14.30, OD 39.80, OD/housing 60.00,
 Total length 83.40, Splines A 10,
 No./teeth 11, Rotation CR
 Alternative no.: 333599



233828 Drive
 Replacing: 1006209656
 Servicing: 0001109028, 0001109031, 0001109419,
 0001109420, 0001110132, F000AL0108
 ID 12.00, OD 34.40, OD/housing 50.00,
 Total length 50.60, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333193



233829 Drive
 Replacing: 1006209669
 Servicing: 0001109034
 ID 12.00, OD 38.85, OD/housing 53.25,
 Total length 51.50, Splines A 10,
 No./teeth 10, Rotation CR
 Alternative no.: 233829Z



233829Z Drive
 Replacing: 1006209669
 ID 12.00, OD 38.75, OD/housing 54.15,
 Total length 51.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 233829



233831 Drive
 Replacing: 1006209647, 1006209630
 Servicing: 0001107046, 0001107107,
 0001108168, 0001111005
 ID 12.00, OD 35.30, OD/housing 48.85,
 Total length 48.60, Splines A 10,
 No./teeth 11, Rotation ACR



233834 Drive
 Replacing: 9002336217, 9002334025
 Servicing: 0001218148, 0001218149,
 B001233270
 ID 12.00, OD 25.30, OD/housing 53.55,
 Total length 65.30, Splines A 10,
 No./teeth 9, Rotation ACR



233835 Drive
 Replacing: 6033AD1002, 6033AD0077
 Servicing: 0001223003, 0001223007,
 0001223024
 ID 12.00, OD 35.00, OD/housing 54.50,
 Total length 64.20, Splines A 16,
 No./teeth 9, Rotation CR
 Alternative no.: 333204 , 335233



233836 Drive
 Replacing: 6033AD0004
 Servicing: 0001223001
 ID 12.00, OD 29.00, OD/housing 57.35,
 Total length 59.25, Splines A 16,
 No./teeth 9, Rotation CR
 Alternative no.: 233836Z, 333593



233836Z Drive
 Replacing: 6033AD0004
 ID 12.00, OD 29.20, OD/housing 54.25,
 Total length 58.70, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 233836



233837 Drive
 Replacing: 6033AD3130, 6033AD3120,
 6033AD0148
 Servicing: 0001230007, 0001230009,
 0001230010, 0001230023, 0001231010,
 0001231011
 ID 14.30, OD 34.35, OD/housing 60.00,
 Total length 84.00, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333219



233838 Drive
 Replacing: 1006209930, 1006209632
 Servicing: 0001112036
 ID 12.00, OD 26.00, OD/housing 47.85,
 Total length 59.00, Splines A 10,
 No./teeth 9, Rotation ACR



233839 Drive
 Replacing: 1006209659
 Servicing: 0001107064
 ID 12.00, OD 34.70, OD/housing 47.70,
 Total length 51.65, Splines A 10,
 No./teeth 13, Rotation CR
 Alternative no.: 333184



233840 Drive
 Manufacturer: Bosch
 Replacing: 1006209683
 Servicing: M14, 0001107083
 ID 12.00, OD 34.20, OD/housing 47.40,
 Total length 51.00, Splines A 10,
 No./teeth 9, Rotation CR



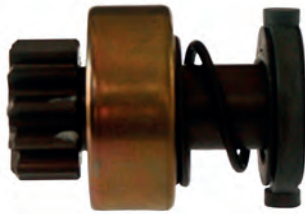
233841 Drive
 Replacing: 1006209753
 Servicing: 0001106016
 ID 12.00, OD 25.65, OD/housing 47.65,
 Total length 68.70, Splines A 10,
 No./teeth 9, Rotation ACR



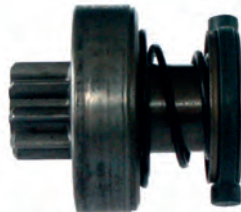
233842 Drive
 Replacing: 1006209466
 Servicing: 0001314025, 0001314032,
 0001314043, 0001314045, B001315122,
 B001315177, B001315181
 ID 12.00, OD 29.60, OD/housing 48.00,
 Total length 63.65, Splines A 10,
 No./teeth 9, Rotation CR



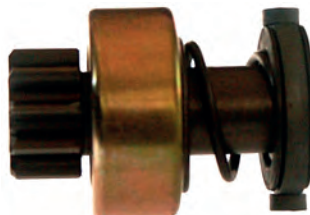
233947 Drive
 Replacing: 6033AD1062
 Servicing: 0001223016, 0001223021
 ID 12.00, OD 34.50, OD/housing 54.40,
 Total length 64.00, Splines A 16,
 No./teeth 9, Rotation CR
 Alternative no.: 333212



233948 Drive
 Replacing: 6033AD0250
 Servicing: 0001231013, 0001231036,
 0001231040, 0001231041
 ID 14.35, OD 41.50, OD/housing 60.00,
 Total length 83.00, Splines A 10,
 No./teeth 11, Rotation CR
 Alternative no.: 333187



234065 Drive
 Replacing: 9002336232, 2002336232
 Servicing: 0001218173
 ID 12.10, OD 25.30, OD/housing 53.00,
 Total length 58.30, Splines A 10,
 No./teeth 9, Rotation CR



234087 Drive
 Replacing: 9006033306, 9006033136,
 6033AD0306, 6033AD0243
 Servicing: 0001231008, 0001231029, 0001231035
 ID 14.30, OD 37.70, OD/housing 60.00,
 Total length 85.00, Splines A 10,
 No./teeth 10, Rotation CR
 Alternative no.: 333218



234124 Drive
 Replacing: 1006209804
 Servicing: 0001107407, 0001107410, 0001107417,
 0001107418, 0001107499, 0001107500,
 0001107501, 0001107502, 0001108408, 0001108430
 ID 11.10, OD 26.80, OD/housing 45.35,
 Total length 48.50, Splines A 16,
 No./teeth 10, Rotation CR
 Alternative no.: 333171 , 234124Z



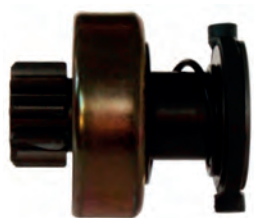
234124Z Drive
 Replacing: 1006209804
 ID 11.00, OD 26.80, OD/housing 46.25,
 Total length 48.10, Splines A 16,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 333171 , 234124



234141 Drive
 Replacing: 1006209960, 1006209949,
 1006209783, 1006209755
 Servicing: 0001124020, 0001124021,
 0001125053, 0001125054, 0001125600,
 0001125601, 0001125607, 0001125608
 ID 11.30, OD 29.00, OD/housing 53.70,
 Total length 92.55, Splines A 16,
 No./teeth 9, Rotation CR



234158 Drive
 Replacing: 1006209936, 1006209791, 1006209666
 Servicing: 0001109021, 0001109022, 0001109066,
 0001109067, 0001109258, 0001109259,
 0001109260, 0001109261, 0001109319, 0001109320
 ID 12.00, OD 32.70, OD/housing 53.50,
 Total length 61.40, Splines A 9,
 No./teeth 10, Rotation CR


234168 Drive

Replacing: 6033AD0218

Servicing: 0001223005

 ID 12.00, OD 27.80, OD/housing 53.00,
 Total length 60.65, Splines A 16,
 No./teeth 10, Rotation CR

Alternative no.: 333222


234242 Drive

Replacing: 1006209661

 Servicing: 0001107102, 0001108197,
 0001108205, 0001108213, 0001108214,
 0001108222, 0001108223, 0001115005,
 0001115006, 0001115009

 ID 12.00, OD 27.80, OD/housing 50.00,
 Total length 71.00, Splines A 16,
 No./teeth 10, Rotation CR

Alternative no.: 333224


234247 Drive

Manufacturer: Bosch

 Replacing: 1006209846, 1006209807,
 1006209801, 1006209793

 Servicing: 0001107401, 0001107402,
 0001107403, 0001107404, 0001107405,
 0001107406, 0001107408, 0001107409,
 0001107421, 0001107422

 ID 11.00, OD 25.50, OD/housing 45.00,
 Total length 48.00, Splines A 16,
 No./teeth 9, Rotation CR

Alternative no.: 234247Z


234247Z Drive

 Replacing: 1006209846, 1006209807,
 1006209801, 1006209793

 ID 11.00, OD 25.20, OD/housing 46.25,
 Total length 48.35, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation CR

Alternative no.: 234247


234271 Drive

Replacing: 1006209639

Servicing: 0001109017

 ID 12.00, OD 35.75, OD/housing 53.00,
 Total length 59.00, Splines A 10,
 No./teeth 11, Rotation CR

234293 Drive

Replacing: 1006209760, 1006209655

 Servicing: 0001125055, 0001125056, 0001125501,
 0001125502, 0001125503, 0001125504,
 0001125507, 0001125508, 0001125511, 0001125512

 ID 13.60, OD 26.00, Total length 81.00,
 Splines A 16, No./teeth 9, Rotation CR

Alternative no.: 333211


234403 Drive

Replacing: 9003336282

 Servicing: 0001218161, 0001218808,
 9000218161, 9000331418

 ID 12.00, OD 34.35, OD/housing 54.35,
 Total length 61.80, Splines A 10,
 No./teeth 9, Rotation CR

234534 Drive

Replacing: 1006209440

Servicing: 0001314008, B001315050

 ID 12.00, OD 29.00, OD/housing 47.15,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation ACR

234535 Drive

Replacing: 1006209812

Servicing: 0001108400, F004A94000, F004A94001

 ID 10.90, OD 27.80, OD/housing 45.00,
 Total length 47.80, Splines A 16,
 No./teeth 10, Rotation CR

Alternative no.: 333195


234785 Drive

Replacing: 1006209806

 Servicing: 0001120400, 0001120401, 0001120404,
 0001120405, 0001120406, 0001120407,
 0001120408, 0001120409, 0001120410, 0001120411

 ID 12.00, OD 27.94, OD/housing 53.50,
 Total length 83.10, Splines A 16,
 No./teeth 10, Rotation ACR

Alternative no.: 333551


234806 Drive

Manufacturer: Bosch

Replacing: 1006209658, 1006209595

Servicing: 0001107060, 0001108118, 0001108119

 ID 11.90, OD 30.00, OD/housing 47.70,
 Total length 53.00, Splines A 10,
 No./teeth 9, Rotation CR



234807 Drive
 Replacing: 1006209925, 1006209481
 Servicing: 0001314046, 0001314049, 0001316011, B001315184, B001328029
 ID 12.00, OD 26.00, OD/housing 53.65,
 Total length 75.00, Splines A 10,
 No./teeth 9, Rotation CR



234862 Drive
 Replacing: 9002336238
 Servicing: 0001219014
 ID 12.00, OD 34.50, OD/housing 53.35,
 Total length 62.00, Splines A 10,
 No./teeth 9, Rotation CR



234901 Drive
 Manufacturer: Bosch
 Replacing: 6033AD0351
 Servicing: 0001223014
 ID 12.00, OD 27.50, OD/housing 57.30,
 Total length 60.00, Splines A 16,
 No./teeth 10, Rotation CR



234902 Drive
 Replacing: 1006210144, 1006209959, 1006209792, 1006209779
 Servicing: 0001108202, 0001108224, 0001108234, 0001108235, 0001108239, 0001108240, 0001109204, 0001109389, 0001115021, 0001115025
 ID 12.00, OD 29.00, OD/housing 47.65,
 Total length 51.00, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333579



234946 Drive
 Manufacturer: Bosch
 Replacing: 1006209958, 1006209814, 1006209805
 Servicing: 0001107411, 0001107425, 0001107490, 0001107491
 ID 11.05, OD 29.60, OD/housing 45.15,
 Total length 48.00, Splines A 16,
 No./teeth 9, Rotation CR



234971 Drive
 Replacing: 2006209461
 Servicing: 0001368077, B001816486
 ID 14.25, OD 35.80, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 11, Rotation CR
 Alternative no.: 333861



235200 Drive
 Replacing: 1006209714
 Servicing: 0001116006
 ID 12.00, OD 27.00, OD/housing 47.00,
 Total length 48.10, Splines A 10,
 No./teeth 8, Rotation CR
 Alternative no.: 333872



235290 Drive
 Replacing: 1006209820, 1006209810, 1006209794
 Servicing: 0001107415, 0001107431, 0001107432, 0001107438, 0001107439, 6004AA0027
 ID 11.00, OD 27.15, OD/housing 47.25,
 Total length 48.00, Splines A 10,
 No./teeth 8, Rotation CR
 Alternative no.: 333542



235425 Drive
 Manufacturer: Bosch
 Replacing: 1006209768
 Servicing: 0001106018, 000110608
 ID 12.00, OD 26.00, OD/housing 25.00,
 Total length 56.00, Splines A 10,
 No./teeth 9, Rotation CR



235429 Drive
 Replacing: 6033AD3109, 6033AD3028
 Servicing: 0001230015, 0001230016, 0001230028, 0001230029
 ID 14.30, OD 60.00, OD/housing 42.00,
 Total length 99.00, Splines A 10,
 No./teeth 13, Rotation CR



235440 Drive
 Replacing: 1006209695
 Servicing: 0001107088, 9001107088, F000AL0106
 ID 12.00, OD 34.90, OD/housing 34.50,
 Total length 50.00, Splines A 10,
 No./teeth 11, Rotation CR
 Alternative no.: 333186 , 235440Z



235440Z Drive
 Replacing: 1006209695
 ID 12.00, OD 34.90, OD/housing 46.25,
 Total length 49.00, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 333186 , 235440


235445 Drive

Replacing: 2006209089
 Servicing: 0001354094
 ID 14.40, OD 37.95, OD/housing 53.75,
 Total length 91.00, Splines A 10,
 No./teeth 10, Rotation CR


235701 Drive

Manufacturer: Bosch
 Replacing: 2006209930, 2006209536
 Servicing: 0001367074, 0001367300,
 0001367301, 0001367303, 0001368300,
 0001368307, 0001368309, 0001368315
 ID 14.25, OD 34.23, OD/housing 59.77,
 Total length 91.15, Splines A 10,
 No./teeth 9, Rotation CR


235798 Drive

Replacing: 1006210171, 1006210100,
 1006209862
 Servicing: 0001137001, 0001137002,
 0001137011, 0001137012
 ID 12.00, OD 25.50, OD/housing 48.10,
 Total length 52.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR


235799 Drive

Replacing: 6033AD0099
 Servicing: 0001230005
 ID 14.30, OD 60.00, Total length 82.00,
 Splines A 10, No./teeth 11,
 Drive type Steel, Rotation CR


235804 Drive

Replacing: 1006209673
 Servicing: 0001107080
 ID 12.00, OD 48.00, Total length 67.00,
 Splines A 10, No./teeth 12,
 Drive type Steel, Rotation ACR


235810 Drive

Replacing: 2006209335, 2006209245
 Servicing: 0001362009, 0001362011, 0001362022
 ID 14.30, OD 40.80, OD/housing 60.20,
 Total length 73.90, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation CR


235839 Drive

Replacing: 6033AD0070
 Servicing: 0001218821, 0001218822,
 6033AB1J00, 9000331433
 ID 12.00, OD 35.00, OD/housing 54.25,
 Total length 62.40, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 235860


235849 Drive

Manufacturer: Bosch
 Replacing: 6033AD3336, 6033AD3110
 Servicing: 0001230018, 0001230020,
 0001230021, 0001230022, 0001230025,
 0001230026, F002G20785
 ID 14.20, OD 39.90, OD/housing 62.00,
 Total length 83.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR


235860 Drive

Replacing: 6033AD0070
 ID 12.00, OD 35.00, OD/housing 57.25,
 Total length 62.40, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 235839


235861 Drive

Replacing: 1006209070
 Servicing: 0001211016, 0001211023
 ID 12.00, OD 27.30, OD/housing 47.50,
 Total length 68.60, Splines A 10,
 No./teeth 8, Drive type Steel, Rotation CR


236130 Drive

Replacing: 6033AD4232, 6033AD4052,
 6033AD0467, 6033AD0304, 6033AD0242
 Servicing: 0001231007, 0001231014, 0001231019,
 0001231030, 0001231034, 0001231119
 ID 14.30, OD 40.50, OD/housing 60.00,
 Total length 83.00, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 331683


236375 Drive

Replacing: 1006209961, 1006209785
 Servicing: 0001123004, 0001123005,
 0001123014, 0001123015, 0001123016,
 0001123017, 0001123020, 0001123021
 ID 11.00, OD 28.00, OD/housing 49.20,
 Total length 93.35, Splines A 16,
 No./teeth 10, Rotation ACR
 Alternative no.: 333182



236508 Drive
 Manufacturer: Bosch
 Replacing: 1006209781
 Servicing: 0001123002, 0001123003,
 0001123024, 0001123025, 0001124015
 ID 11.00, OD 25.30, OD/housing 50.50,
 Total length 82.50, Splines A 16,
 No./teeth 9, Rotation CR



236832 Drive
 Replacing: 1006209796
 Servicing: 0001107429, 0001107437,
 0001108444, F002G20485, F002G20917
 ID 11.05, OD 25.30, OD/housing 44.98,
 Total length 48.50, Splines A 10,
 No./teeth 9, Rotation CR

Alternative no.: 333198



236854 Drive
 Manufacturer: Bosch
 Replacing: 1006209953
 Servicing: 0001121022, 0001121023
 ID 12.00, OD 27.80, OD/housing 50.50,
 Total length 104.60, Splines A 16,
 No./teeth 10, Rotation ACR



236866 Drive
 Replacing: 1006209797
 Servicing: 0001108405, 0001108406
 ID 11.00, OD 32.85, OD/housing 47.35,
 Total length 48.65, Splines A 16,
 No./teeth 10, Drive type Steel, Rotation CR



236883 Drive
 Replacing: 1006209813
 Servicing: 0001121402, 0001121403,
 0001121412, 0001121413, 0001121429,
 0001121430, 0001122402, 0001122403
 ID 11.00, OD 27.85, OD/housing 46.00,
 Total length 93.00, Splines A 16,
 No./teeth 10, Rotation ACR



236891 Drive
 Replacing: 1006209809
 Servicing: 0001120402, 0001120403,
 F004A94403
 ID 11.55, OD 25.50, OD/housing 45.00,
 Total length 83.55, Splines A 16,
 No./teeth 9, Rotation ACR

Alternative no.: 333489



237667 Drive
 Replacing: 1006210111, 1006209964,
 1006209818
 Servicing: 0001109300, 0001109301,
 0001109302, 0001109303, 0001109306,
 0001109307
 ID 12.00, OD 35.65, OD/housing 53.15,
 Total length 55.50, Splines A 10,
 No./teeth 9, Rotation CR

Alternative no.: 333396



237752 Clutch
 Replacing: 6033AD5356, 6033AD5355,
 6033AD5078, 6033AD5055
 Servicing: 0001241001, 0001241003, 0001241004,
 0001241005, 0001241006, 0001241007,
 0001241009, 0001241014, 0001241015, 0001241016
 ID 18.10, OD 20.80, OD/housing 72.30,
 Total length 128.00, Splines A 19,
 Splines B 7, Rotation CR



239633 Drive
 Replacing: 1006209948, 1006209771
 Servicing: 0001115011, 0001115013
 OD 27.81, OD/housing 47.45,
 Total length 102.11, Splines A 10,
 No./teeth 10, Rotation ACR



239967 Drive
 Manufacturer: Bosch
 Replacing: 1006209962, 1006209786
 Servicing: 0001123012, 0001123013, 0001123018,
 0001123019, 0001123026, 0001123027
 OD 27.75, OD/housing 50.60,
 Total length 83.00, Splines A 16,
 No./teeth 10, Drive type Steel, Rotation ACR



330007 Drive
 Manufacturer: Bosch
 Replacing: 1006209795
 Servicing: 0001107459, 0001107460, 0001107461,
 0001107462, 0001107539, 0001108403,
 0001108404, 0001108409, 0001108410, 0001108441
 ID 12.10, OD 27.80, OD/housing 47.30,
 Total length 72.50, Splines A 16,
 No./teeth 10, Rotation CR


330125 Drive

Replacing: 1006209845, 1006209836, 1006209828

Servicing: 0001115047, 0001115048, 0001115074, 0001115075

ID 11.84, OD 32.08, OD/housing 47.00, Total length 51.42, Splines A 10, No./teeth 12, Rotation CR

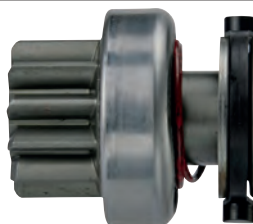
 Alternative no.: 333581 , 333866

330226 Drive

Replacing: 1006209823

Servicing: 0001106405, 0001106406

ID 11.00, OD 27.65, OD/housing 45.10, Total length 48.00, Splines A 10, No./teeth 10, Rotation CR


330265 Drive

Replacing: 1006210146, 1006210128, 1006209966, 1006209824

Servicing: 0001105205, 0001109205, 0001109304, 0001109305, 0001109324, 0001109325, 0001109328, 0001109329, 0001109387, 0001109388

ID 12.00, OD 38.60, OD/housing 52.40, Total length 58.00, Splines A 10, No./teeth 12, Drive type Steel, Rotation CR

 Alternative no.: 335231, 333188 

331009 Drive

Replacing: 1006210262, 1006210261, 1006209979, 1006209971

Servicing: 0001138003, 0001138004, 0001138005, 0001138006, 0001138045, 0001138046, 0001138047, 0001138048, 0001138053, 0001138054

ID 12.02, OD 29.45, OD/housing 46.90, Total length 52.00, Splines A 10, No./teeth 11, Drive type Steel, Rotation CR


331010 Drive

Replacing: 1006209940, 1006209849

Servicing: 0001107476, 0001107477, 0001108428, 0001108429

ID 11.08, OD 29.40, OD/housing 47.00, Total length 48.60, Splines A 10, No./teeth 11, Drive type Steel, Rotation CR


331504  Drive

Manufacturer: Bosch

Replacing: 1006210217, 1006209847

Servicing: 0001123036, 0001123037, 0001123038, 0001123039, 0001123044, 0001123045

ID 13.50, OD 27.29, OD/housing 50.49, Total length 92.40, Splines A 16, No./teeth 11, Drive type Steel, Rotation ACR


331683  Drive

Manufacturer: Bosch

Replacing: 6033AD4232, 6033AD4052, 6033AD0467, 6033AD0304, 6033AD0242

Servicing: 0001231007, 0001231014, 0001231019, 0001231030

ID 14.30, OD 40.60, OD/housing 61.70, Total length 83.00, Splines A 10, No./teeth 11, Drive type Steel, Rotation CR

Alternative no.: 236130, 335232

NEW PRODUCT
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331866* Drive

Replacing: 1006209825

Servicing: 0001107440, 0001107441, F004A94441

ID 11.00, OD 34.50, OD/housing 47.30, Total length 49.00, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR


332915 Drive

Replacing: 1006209841

Servicing: 0001123028, 0001123029

ID 11.00, OD 27.90, OD/housing 50.50, Total length 82.60, Splines A 16, No./teeth 11, Rotation ACR


332949  Drive

Manufacturer: Bosch

Replacing: 1006210913, 1006210212

Servicing: 0001139025, 0001139026, 0001139029, 0001139030, 0001139043, 0001139044, 0001139065, 0001139066, 0001139071, 0001139072

ID 12.00, OD 34.00, OD/housing 53.40, Total length 54.00, Splines A 16, No./teeth 13, Rotation CR


333094  Drive

Manufacturer: Bosch

Replacing: 1006209775

Servicing: 0001109046

ID 12.04, OD 34.25, OD/housing 53.50, Total length 57.00, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR



333126 Drive

Replacing: 2006209490, 2006209429
 Servicing: 0001362058, 0001362104, 0001366003, 0001366029, 0001368029, 0001368080, B001811062, B001812211, B001816064, B001816066
 ID 14.15, OD 34.50, OD/housing 60.45, Total length 91.00, Splines A 10, No./teeth 9, Drive type Steel, Rotation ACR
 Alternative no.: 333862



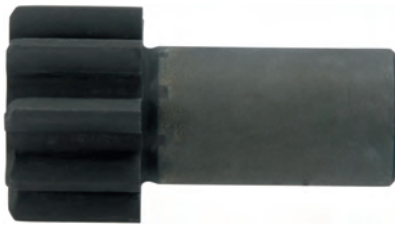
333171 5★ Drive

Manufacturer: Bosch
 Replacing: 1006209804
 Servicing: 0001108430, 0001108431
 ID 11.10, OD 26.80, OD/housing 45.35, Total length 48.50, Splines A 16, No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 234124, 234124Z



333172 5★ Drive

Manufacturer: Bosch
 Replacing: F000AL1519, 1006210145, 1006209907, 1006209905, 1006209568, 1006209566, 1006209545, 1006209537
 Servicing: 0001208719, B001232033
 ID 12.00, OD 26.80, OD/housing 47.50, Total length 58.50, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 131433, 131433Z



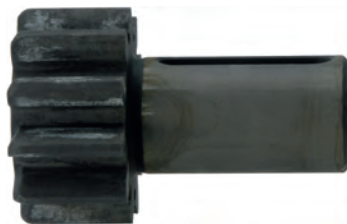
333173 5★ Drive

Manufacturer: Bosch
 Replacing: 2006382193, 2006382176, 2006382150, 2006382020, 2006382017, 2006382013
 ID 10.60, OD 35.00, Total length 61.10, No./teeth 9, Rotation CR
 Alternative no.: 130419



333174 5★ Drive

Manufacturer: Bosch
 Replacing: 1007010045, 1006210155, 1006209921, 1006209919, 1006209918, 1006209710, 1006209703, 1006209596
 Servicing: 0001108094, 0001108095, 0001108127, 0001110001, 0001110002, 0001110014, 0001110015, 0001110076, 0001110077, 0001110098
 ID 12.00, OD 25.80, OD/housing 46.00, Total length 58.50, Splines A 10, No./teeth 9, Drive type Steel, Rotation ACR
 Alternative no.: 132216, 132216ZZ



333175 5★ Drive

Manufacturer: Bosch
 Replacing: 2006382191, 2006382156, 2006382152, 2006382018
 Servicing: 0001410037, 0001410044, 0001410046, 0001410053, 0001410063, 0001410098, 0001410111, 0001410115, 0001410116, 0001411005
 ID 10.15, OD 41.00, Total length 61.00, No./teeth 11, Drive type Steel
 Alternative no.: 130418, 130418Z



333176 5★ Drive

Manufacturer: Bosch
 Replacing: F000AL1698, F000AL1040, 9001081022, 1006209939, 1006209906, 1006209711, 1006209709, 1006209707
 ID 12.00, OD 25.80, OD/housing 47.50, Total length 59.00, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 131104, 131104ZZ



333177 5★ Drive

Manufacturer: Bosch
 Replacing: 1006209699, 1006209648, 1006209621
 Servicing: 0001124001, 0001124002, 0001124005, 0001124006, 0001125001, 0001125002, 0001125007, 0001125008, 0001125011, 0001125012
 ID 11.00, OD 27.75, OD/housing 53.60, Total length 83.25, Splines A 16, No./teeth 10, Drive type Steel, Rotation ACR
 Dust cover kit: HC-CARGO 230091.
 Alternative no.: 136854, 136854Z, 136854ZZ



333178 5★ Drive

Manufacturer: Bosch
 Replacing: 1006209937, 1006209815, 1006209690, 1006209677, 1006209672, 1006209618
 Servicing: 0001107037, 0001107048, 0001107054, 0001107055, 0001107067, 0001107068, 0001107069, 0001107072, 0001107073, 0001107074
 ID 12.00, OD 25.30, OD/housing 46.90, Total length 51.00, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 137481



333179 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209758, 1006209649, 1006209628
 Servicing: 0001124003, 0001124004, 0001124013, 0001124014, 0001125005, 0001125006, 0001125035, 0001125036
 ID 11.20, OD 25.35, OD/housing 53.70, Total length 83.65, Splines A 16, No./teeth 9, Drive type Steel, Rotation ACR
 Dust cover kit: HC-CARGO 230338.
 Alternative no.: 137480, 137480Z, 137480ZZ



333180 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209671
 ID 12.00, OD 29.00, OD/housing 50.00, Total length 50.50, Splines A 10, No./teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 230834, 230834Z



333181 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209946, 1006209759, 1006209643, 1006209636
 ID 11.20, OD 25.40, OD/housing 53.60, Total length 93.50, Splines A 16, No./teeth 9, Drive type Steel, Rotation ACR
 Alternative no.: 137890



333182 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209961, 1006209785
 Servicing: 0001123014, 0001123015, 0001123017, 0001123020, 0001123021
 ID 11.00, OD 28.00, OD/housing 49.20, Total length 93.35, Splines A 16, No./teeth 10, Drive type Steel, Rotation ACR
 Alternative no.: 236375



333183 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209762, 1006209641
 ID 11.10, OD 25.20, OD/housing 47.65, Total length 82.85, Splines A 16, No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 138875, 138875Z



333184 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209659
 ID 12.00, OD 34.70, OD/housing 47.70, Total length 51.65, Splines A 10, No./teeth 13, Drive type Steel, Rotation CR
 Alternative no.: 233839



333185 5★ Drive
 Manufacturer: Bosch
 Replacing: 9002336237, 6033AD4119, 6033AD4019, 6033AD3338, 6033AD3334, 6033AD3110, 6033AD0200, 6033AD0184
 Servicing: 0001231012, 0001231016, 0001231017, 0001231045
 ID 14.35, OD 39.55, OD/housing 62.20, Total length 83.80, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 231756



333186 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209695
 ID 12.00, OD 34.90, OD/housing 34.50, Total length 50.00, Splines A 10, No./teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 235440, 235440Z



333187 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD0250
 ID 14.35, OD 41.50, OD/housing 60.00, Total length 83.00, Splines A 10, No./teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 233948



333188 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210146, 1006210128, 1006209824
 Servicing: 0001109205, 0001109324
 ID 12.00, OD 38.60, OD/housing 52.40, Total length 58.00, Splines A 10, No./teeth 12, Drive type Steel, Rotation CR
 Alternative no.: 330265, 335231



333189 5★ Drive
 Manufacturer: Bosch
 Replacing: F005M10053, F000AL1209, 1006209678, 1006209635, 1006209631
 Servicing: 0001108183, 0001108217, 0001108218, 0001109036, 0001109250, 0001115008, F000AL0101
 ID 12.00, OD 27.75, OD/housing 46.30, Total length 50.00, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 230835



333190 5★ Drive
 Manufacturer: Bosch
 Replacing: 2008209008, 2006209530, 2006209529, 2006209492
 ID 14.25, OD 34.80, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 131065, 131065Z



333191 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210156, 1006209944, 1006209777, 1006209715, 1006209706, 1006209696, 1006209692, 1006209633
 Servicing: 0001106011, 0001106014, 0001106015, 0001107047, 0001107063, 0001107077, 0001107091, 0001107097, 0001107098, 0001107109
 ID 12.00, OD 25.00, OD/housing 46.35,
 Total length 49.00, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 137483



333192 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209983, 1006209660, 1006209634
 Servicing: 0001107062, 0001108230, 0001108231, 0001109204, 0001109341
 ID 12.00, OD 28.85, OD/housing 46.40,
 Total length 51.25, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 137888



333193 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209656
 ID 12.00, OD 34.40, OD/housing 50.00,
 Total length 50.60, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 233828



333194 5★ Drive
 Manufacturer: Bosch
 Replacing: 9001081033, 1006209997, 1006209993, 1006209686, 1006209600, 1006209584
 Servicing: 0001106012, 0001106017, 0001106022, 0001106023, 0001106024, 0001107009, 0001107012, 0001107013, 0001107015, 0001107017
 ID 12.00, OD 25.20, OD/housing 46.20,
 Total length 53.50, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 135716



333195 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209812
 ID 10.90, OD 27.85, OD/housing 45.00,
 Total length 47.80, Splines A 16,
 No./teeth 10, Drive type Steel,
 Rotation CR
 Alternative no.: 234535



333196 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209691, 1006209539, 1006209538
 Servicing: 0001110003, 0001110005, 0001110012, 0001110016, 0001110025, 0001110026, 0001110039, 0001110053, 0001110075, 0001110079
 ID 12.00, OD 27.80, OD/housing 45.70,
 Total length 58.75, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 132205, 132205Z



333197 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209426
 Servicing: 0001367014, 0001367023
 ID 14.25, OD 34.40, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 134282



333198 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209796
 ID 11.05, OD 25.30, OD/housing 44.98,
 Total length 48.50, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 236832



333199 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209637
 ID 12.00, OD 27.80, OD/housing 54.25,
 Total length 57.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 137889



333200 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209757, 1006209657
 Servicing: 0001121006, 0001121007, 0001121028
 ID 11.00, OD 25.35, OD/housing 46.20,
 Total length 82.25, Splines A 16,
 No./teeth 9, Drive type Steel,
 Rotation ACR
 Dust cover kit: HC-CARGO 230338.
 Alternative no.: 230339



333201 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209559, 1006209554,
 1006209549
 Servicing: 0001108065, 0001108100,
 0001108115, 0001108141, 0001108145,
 0001109009, 0001110011, 0001110041,
 0001110042, 9000692069
 ID 12.00, OD 29.25, OD/housing 46.25,
 Total length 58.20, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 133362, 135115



333202 5★ Drive
 Manufacturer: Bosch
 Replacing: 9002336236, 6033AD4148,
 6033AD4034, 6033AD3850, 6033AD3244,
 6033AD3108, 6033AD3006, 6033AD0462
 Servicing: 0001230006, 0001230012,
 0001230014, 0001231002, 0001231032,
 0001231033
 ID 14.30, OD 34.50, OD/housing 59.00,
 Total length 82.25, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 139056, 139056Z



333203 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210143, 1006209916,
 1006209679, 1006209585
 Servicing: 0001107008, 0001107020,
 0001107021, 0001107053
 ID 12.00, OD 25.25, OD/housing 46.50,
 Total length 55.45, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation ACR
 Alternative no.: 135085



333204 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD1002, 6033AD0077
 Servicing: 0001223003, 0001223024
 ID 12.00, OD 35.00, OD/housing 54.50,
 Total length 64.20, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 233835, 335233



333205 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209504, 2006209485,
 2006209476, 2006209469, 2006209449
 ID 14.25, OD 34.80, OD/housing 60.00,
 Total length 74.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 131019



333206 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD0414
 ID 11.75, OD 36.00, OD/housing 53.00,
 Total length 58.00, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 233719



333207 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209483, 2006209470
 ID 14.25, OD 34.80, OD/housing 60.00,
 Total length 73.50, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130950



333208 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209675, 1006209670, 1006209607
 Servicing: 0001107066
 ID 12.00, OD 29.25, OD/housing 46.85,
 Total length 49.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 139954



333209 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209532, 2006209495, 2006209452
 Servicing: 0001367017, 0001367070,
 0001367302, 0001368034, 0001368070,
 0001368082, 0001368304, 0001368306
 ID 14.25, OD 39.85, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 132702, 335235



333210 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209704
 ID 12.00, OD 25.20, OD/housing 46.30,
 Total length 46.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 231896



333211 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209760, 1006209655
 ID 13.60, OD 26.10, OD/housing 53.00,
 Total length 81.00, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 234293



333212 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD1062
 ID 12.00, OD 34.50, OD/housing 54.40,
 Total length 64.00, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 233947



333214 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209642
 ID 12.00, OD 27.70, OD/housing 53.00,
 Total length 50.50, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 138322



333215 5★ Drive
 Manufacturer: Bosch
 Replacing: F00MAL1100, F000AL1100,
 1006209680
 Servicing: 0001121010, 0001121024
 ID 11.20, OD 27.75, OD/housing 46.35,
 Total length 82.85, Splines A 16,
 No./teeth 10, Drive type Steel,
 Rotation ACR
 Alternative no.: 230340



333216 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209929, 1006209629
 Servicing: 0001107043, 0001107087,
 0001113010, 0001113017
 ID 12.00, OD 26.70, OD/housing 46.15,
 Total length 50.40, Splines A 10,
 No./teeth 10, Drive type Steel,
 Rotation CR
 Alternative no.: 137981



333217 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209494, 2006209425
 ID 14.30, OD 41.00, OD/housing 60.20,
 Total length 91.00, Splines A 10,
 No./teeth 11, Rotation CR
 Alternative no.: 131271



333218 5★ Drive
 Manufacturer: Bosch
 Replacing: 9006033306, 9006033136,
 6033AD0306, 6033AD0243
 Servicing: 0001231008, 0001231029
 ID 14.30, OD 37.70, OD/housing 60.00,
 Total length 85.00, Splines A 10,
 No./teeth 10, Rotation CR
 Alternative no.: 234087



333219 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD3130, 6033AD3120,
 6033AD0148
 Servicing: 0001230009, 0001231011
 ID 14.30, OD 34.35, OD/housing 60.00,
 Total length 84.00, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 233837



333220 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209500
 ID 12.00, OD 25.80, OD/housing 46.20,
 Total length 64.00, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 131102, 131102Z


333221 5★ Drive

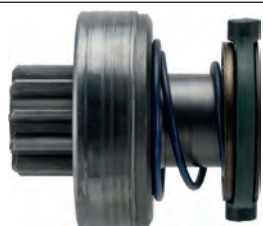
Manufacturer: Bosch

Replacing: 1006209922, 1006209910, 1006209583, 1006209565, 1006209558, 1006209553

Servicing: 0001107005, 0001107006, 0001112010, 0001112011, 0001114009, 0001114010

ID 12.00, OD 27.70, OD/housing 46.80, Total length 79.50, Splines A 10, No./teeth 10, Drive type Steel, Rotation ACR

Alternative no.: 139850


333222 5★ Drive

Manufacturer: Bosch

Replacing: 6033AD0218

ID 12.00, OD 27.80, OD/housing 53.00, Total length 60.65, Splines A 16, No./teeth 10, Drive type Steel, Rotation CR

Alternative no.: 234168


333223 5★ Drive

Manufacturer: Bosch

Replacing: 2006209932, 2006209539, 2006209533, 2006209498

ID 14.30, OD 37.80, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR

Alternative no.: 131475


333224 5★ Drive

Manufacturer: Bosch

Replacing: 1006209661

ID 12.00, OD 27.80, OD/housing 50.00, Total length 71.00, Splines A 16, No./teeth 10, Drive type Steel, Rotation CR

Alternative no.: 234242


333226 5★ Drive

Manufacturer: Bosch

Replacing: 1006209580

ID 12.00, OD 25.25, OD/housing 46.25, Total length 55.40, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR

Alternative no.: 135713


333227 5★ Drive

Manufacturer: Bosch

Replacing: 9002453073, 9001083436, 9001083406, 2006209446, 2006209436, 2006209422, 2006209406

Servicing: 0001359038, 0001359049, 0001359073, 0001359074, 0001359083, 0001359084, 0001359111, 0001359119, 0001360012, 0001360014

ID 14.30, OD 34.20, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR

Alternative no.: 132273


333228 5★ Drive

Manufacturer: Bosch

Replacing: 2006209499, 2006209462

ID 14.30, OD 39.00, OD/housing 60.10, Total length 91.00, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR

Alternative no.: 131597


333229 5★ Drive

Manufacturer: Bosch

Replacing: 1006209622

ID 12.00, OD 39.80, OD/housing 53.65, Total length 59.00, Splines A 10, No./teeth 13, Drive type Steel, Rotation CR

Alternative no.: 230350


333230 5★ Drive

Manufacturer: Bosch

Replacing: 2006209933, 2006209541, 2006209537, 2006209531

Servicing: 0001364102, 0001364200, 0001364203, 0001368056, 0001368310, 0001368317

ID 14.30, OD 40.50, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 11, Drive type Steel, Rotation CR

Alternative no.: 132000



333232 Drive
 Manufacturer: Bosch
 Replacing: 2006209542, 2006209540
 Servicing: 0001368313
 ID 14.30, OD 41.50, OD/housing 60.00,
 Total length 90.45, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 137231



333236 Drive
 Manufacturer: Bosch
 Replacing: 1006210163, 1006209936
 ID 12.00, OD 54.00, OD/housing 54.00,
 Total length 62.00, No./teeth 10,
 Drive type Steel, Rotation ACR



333344 Drive
 Replacing: 2006209550
 Servicing: 0001260001
 ID 14.30, OD 43.55, OD/housing 62.00,
 Total length 83.00, No./teeth 11,
 Drive type Steel, Rotation CR



333233 Drive
 Manufacturer: Bosch
 Replacing: 9001692096, 1006209472,
 1006209449, 1006209428, 1006209406
 ID 12.00, OD 30.00, OD/housing 46.30,
 Total length 64.50, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 131097



333237 Drive
 Manufacturer: Bosch
 Replacing: 6033AD4119, 6033AD3338
 ID 14.00, OD 39.00, OD/housing 62.00,
 Total length 83.00, No./teeth 10,
 Drive type Steel, Rotation CR



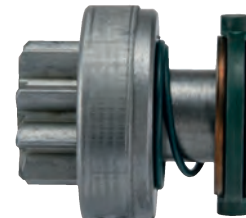
333355 Drive
 Replacing: 1006209864, 1006209834
 Servicing: 0001115078, 0001115079,
 0001115114, 0001115115
 ID 12.00, OD 36.00, OD/housing 54.00,
 Total length 51.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR



333234 Drive
 Manufacturer: Bosch
 Replacing: 1006209981, 1006209799
 Servicing: 0001107433, 0001107434, 0001107442,
 0001107443, 0001107527, 0001107528
 ID 10.00, OD 29.00, Total length 48.30,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 239777



333322 Drive
 Replacing: 1006209938
 Servicing: 0001107066
 ID 12.04, OD/housing 46.90,
 Total length 48.80, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation CR



333396 Drive
 Manufacturer: Bosch
 Replacing: 1006210149, 1006210111,
 1006209964, 1006209818
 Servicing: 0001109306, 0001109307, 0001109313,
 0001109321, 0001109332, 0001109333,
 0001109334, 0001109335, 0001109344, 0001109345
 ID 12.03, OD 35.80, OD/housing 53.40,
 Total length 54.60, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 237667



333235 Drive
 Manufacturer: Bosch
 Replacing: 1006210141, 1006209917, 1004336634
 Servicing: 0001107003
 ID 12.00, OD 28.80, OD/housing 47.40,
 Total length 76.80, No./teeth 10,
 Drive type Steel, Rotation ACR



333341 Drive
 Replacing: 1006210185, 1006210103
 Servicing: 0001109355, 0001109356, 0001109357,
 0001109358, 0001109359, 0001109360, 0001109369
 ID 12.05, OD 34.00, OD/housing 52.40,
 Total length 56.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR



333439 Drive
 Replacing: 2006209380, 2006209220
 Servicing: 0001354089
 ID 14.30, OD 34.00, OD/housing 59.00,
 Total length 90.00, No./teeth 9,
 Drive type Steel, Rotation ACR



333489 Drive
 Manufacturer: Bosch
 Replacing: 1006209809
 Servicing: 0001120402, 0001120403, F004A94403
 ID 13.50, OD 25.40, OD/housing 45.50,
 Total length 83.00, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation ACR
 Alternative no.: 236891



333504 Drive
 Manufacturer: Bosch
 Replacing: 2006209544, 2006209543,
 2006209458
 Servicing: 0001367072, 0001368069,
 0001368083, 0001369007, 0001369019,
 0001369025
 ID 14.30, OD 36.40, OD/housing 59.80,
 Total length 91.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 136509



333508 Drive
 Manufacturer: Bosch
 Replacing: 9003336223, 9002336223
 Servicing: 0001218162, 0001218165
 ID 12.00, OD 27.50, OD/housing 53.50,
 Total length 58.50, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 136787



333500 Drive
 Manufacturer: Bosch
 Replacing: 6033AD4243, 6033AD0129
 ID 14.20, OD 46.70, OD/housing 61.70,
 Total length 83.30, Splines A 10,
 No./teeth 12, Drive type Steel, Rotation CR
 Alternative no.: 233722



333505 Drive
 Manufacturer: Bosch
 Replacing: 6033AD4240, 6033AD4019
 ID 14.25, OD 39.90, OD/housing 61.70,
 Total length 83.30, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 333615



333509 Drive
 Manufacturer: Bosch
 Replacing: 6033AD0061
 Servicing: 0001223002
 ID 12.00, OD 35.30, OD/housing 57.30,
 Total length 62.00, Splines A 16,
 No./teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 231898



333501 Drive
 Manufacturer: Bosch
 Replacing: 6033AD3078, 6033AD0102
 Servicing: 0001230003
 ID 14.25, OD 34.40, OD/housing 59.70,
 Total length 84.00, Splines A 10,
 No./teeth 11, Drive type Steel
 Alternative no.: 333616



333506 Drive
 Manufacturer: Bosch
 Replacing: 9003336293, 9001140317
 Servicing: 0001218004, 0001218005,
 0001218008, 0001218012, 0001218013,
 0001218017, 0001218018, 0001218111,
 0001218112, 0001218113
 ID 12.00, OD 25.00, OD/housing 53.30,
 Total length 62.50, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 131998



333510 Drive
 Manufacturer: Bosch
 Replacing: 2006209931, 2006209459,
 2006209457
 Servicing: 0001362312, 0001362316,
 0001362319, 0001362321, 0001367037,
 0001368059, 0001369001, 0001369005
 ID 14.25, OD 32.00, OD/housing 59.80,
 Total length 91.00, Splines A 10,
 No./teeth 10, Drive type Steel,
 Rotation CR
 Alternative no.: 132345



333502 Drive
 Manufacturer: Bosch
 Replacing: 9002336204
 Servicing: 0001218116, 0001218117
 ID 12.00, OD 27.50, OD/housing 53.25,
 Total length 86.35, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation ACR
 Alternative no.: 135116

STARTER COMPONENTS



333511 5★ Drive
 Manufacturer: Bosch
 Replacing: 9003336289, 9002336219
 Servicing: 9000331201, 9000331203
 ID 12.00, OD 35.00, OD/housing 58.00,
 Total length 62.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 230336



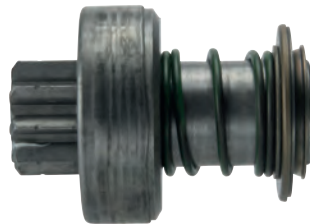
333514 5★ Drive
 Manufacturer: Bosch
 Replacing: F000AL1881, 9003336283,
 9002336283
 Servicing: 0001218014, 0001218019,
 0001218024, 0001218101, 0001218102,
 0001218103, 0001218151, 0001218152,
 0001218154, 0001218159
 ID 12.00, OD 35.50, OD/housing 57.30,
 Total length 62.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 131996



333515 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209444, 2006209414
 Servicing: 0001359090, 9000083075,
 9000083076, 9000453075, 9000453076,
 F006AL0602
 ID 14.30, OD 32.00, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 131495



333516 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209500, 2006209471
 Servicing: 0001362001, 0001362002,
 0001362030, 0001362038, 0001362047,
 0001362069, 0001362070, 0001362077,
 0001362078, 0001362083
 ID 12.00, OD 25.35, OD/housing 57.40,
 Total length 72.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130414, 130414Z,
 130414ZZ



333519 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209473, 1006209470,
 1006209469
 Servicing: 0001311146, 0001314026,
 0001314027, 0001314028, 0001314029,
 0001314030, 0001314033, 0001314034,
 0001314035, 0001314037
 ID 12.00, OD 25.40, OD/housing 47.40,
 Total length 64.40, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 131101



333520 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209163, 1006209417,
 1006209412, 1006209411, 1006209405,
 1006209403, 1006209400
 Servicing: 0001208053, 0001208054,
 0001208055, 0001211213, 0001211214,
 0001211216, 0001211217, 0001211218,
 0001211219, 0001211230
 ID 12.00, OD 25.40, OD/housing 47.40,
 Total length 64.20, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 130405



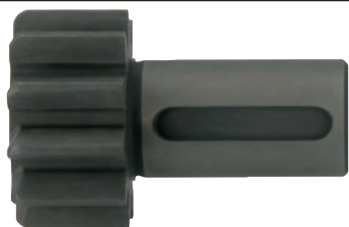
333521 5★ Drive
 Manufacturer: Bosch
 Replacing: 9001336324, 9001082748,
 9001082686, 9001082660, 9001082340,
 9001066236, 1006209471, 1006209463
 Servicing: 0001157024, 0001157025,
 0001157028, 0001157029, 0001157030,
 0001208200, 0001208201, 0001208202,
 0001208206, 0001208208
 ID 12.00, OD 25.40, OD/housing 47.40,
 Total length 64.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130396



333523 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209923, 1006209578
 Servicing: 0001108099, B001111273
 ID 12.00, OD 29.30, OD/housing 47.40,
 Total length 59.00, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation ACR
 Alternative no.: 135464



333524 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209850, 1006209650
 Servicing: 0001109029, 0001122201,
 0001122202
 ID 12.00, OD 29.50, OD/housing 50.50,
 Total length 49.40, No./teeth 9,
 Drive type Steel, Rotation ACR
 Alternative no.: 231009



333540 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006382172, 2006382019
 Servicing: 0001410065, 0001411017, 0001411025, 0001411026, 0001416052, 0001417005, 0001417006, 0001417007, 0001417059, 0001417064
 ID 10.00, OD 40.50, Total length 61.60, No./teeth 11, Drive type Steel, Rotation CR/ACR
 Alternative no.: 131107



333551 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209806
 Servicing: 0001120400, 0001120401, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120410, 0001120411
 ID 12.00, OD 27.85, OD/housing 45.45, Total length 83.00, Splines A 16, No./teeth 10, Rotation ACR
 Alternative no.: 234785



333571 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210148, 1006209987, 1006209950, 1006209802, 1006209645
 Servicing: 0001109336, 0001109337, 0001115048
 ID 12.00, OD 29.20, OD/housing 53.50, Total length 51.00, Splines A 10, No./teeth 9, Rotation CR
 Alternative no.: 230828



333544 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209941, 1006209592
 Servicing: 0001110071, 0001110072
 ID 12.00, OD 29.20, OD/housing 48.50, Total length 58.70, Splines A 10, No./teeth 9, Rotation CR
 Alternative no.: 136614



333553 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209646
 Servicing: 0001109026
 ID 12.00, OD 29.70, OD/housing 53.50, Total length 51.30, Splines A 10, No./teeth 11, Rotation CR
 Alternative no.: 230352



333577 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209523
 Servicing: 0001218006, 0001218016, 0001218108, 0001218109, 0001218150, 0001218156, 0001218160, 0001218710, 0001219001, 0001219007
 ID 12.00, OD 27.50, OD/housing 54.00, Total length 64.80, Splines A 10, No./teeth 10, Rotation CR
 Alternative no.: 131995



333548 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210152, 1006209908, 1006209569, 1006209560, 1006209545
 Servicing: 0001110065, 0001110104, 0001110105
 ID 12.00, OD 26.80, OD/housing 53.40, Total length 58.70, Splines A 10, No./teeth 10, Rotation CR
 Alternative no.: 131434



333564 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209943, 1006209681
 Servicing: 0001125018, 0001125046, 0001125047, 0001125048, 0001125049, 0001125605, 0001125606
 ID 12.00, OD 27.76, OD/housing 54.50, Total length 105.45, Splines A 16, No./teeth 10, Rotation ACR
 Alternative no.: 232623, 335236



333579 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210144, 1006209959, 1006209792, 1006209779
 Servicing: 0001108224, 0001115021, 0001115025
 ID 12.00, OD 29.00, OD/housing 50.50, Total length 51.00, Splines A 10, No./teeth 9, Rotation CR
 Alternative no.: 234902



333581 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209845, 1006209836, 1006209828
 Servicing: 0001115074, 0001115075
 ID 12.00, OD 32.20, OD/housing 48.40,
 Total length 51.20, Splines A 10,
 No./teeth 12, Rotation CR
 Alternative no.: 330125



333593 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD0004
 Servicing: 0001223001
 ID 12.00, OD 29.30, OD/housing 57.35,
 Total length 59.80, Splines A 16,
 No./teeth 9, Rotation CR
 Alternative no.: 233836



333599 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD3106, 6033AD0267
 Servicing: 0001230002
 ID 14.30, OD 39.80, OD/housing 60.00,
 Total length 83.20, Splines A 10,
 No./teeth 11, Rotation CR
 Alternative no.: 233723



333605 5★ Drive
 Manufacturer: Bosch
 Replacing: 9003336291
 Servicing: 0001218021, 0001218029, 0001218108,
 0001218110, 0001218150, 0001218156,
 0001218710, 0001219001, 0001219007, 0001219009
 ID 12.00, OD 27.53, OD/housing 53.40,
 Total length 64.90, Splines A 10,
 No./teeth 10, Rotation CR



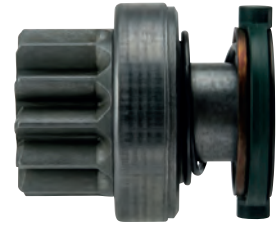
333606 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209457, 2006209427,
 2004336027
 ID 14.20, OD 32.16, OD/housing 59.80,
 Total length 91.10, Splines A 10,
 No./teeth 10, Rotation CR



333678 Drive
 Replacing: F000AL2630
 Servicing: F000AL0129, F000AL0131,
 F000AL0150, F000AL0152
 ID 12.00, OD/housing 53.00,
 Total length 71.10, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR



333683 Drive
 Replacing: 6033AD0191, 6033AD0190
 Servicing: 0001223500, 0001223502
 ID 14.00, OD 32.00, OD/housing 62.00,
 Total length 75.90, Splines A 14,
 No./teeth 10, Drive type Steel, Rotation CR



333740 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210206, 1006210205
 Servicing: 0001115088, 0001115089,
 0001115092, 0001115093
 ID 12.10, OD 37.80, OD/housing 50.50,
 Total length 57.80, Splines A 10,
 No./teeth 12, Drive type Steel, Rotation CR



333793 Drive
 Replacing: 2006202015
 Servicing: 0001371018, 0001371020,
 0001371120
 ID 16.00, OD 56.80, OD/housing 58.00,
 Total length 118.00, Splines A 18,
 No./teeth 11, Drive type Steel, Rotation CR

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333832 5★ Drive
 Replacing: 2007010167
 Servicing: 0001263003, 0001263004,
 0001263017, 0001263018



333833 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209965, 1006209819
 Servicing: 0001125521, 0001125522,
 0001125609, 0001125610
 ID 13.30, OD 28.00, OD/housing 54.00,
 Total length 83.00, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation CR



333834 Drive
 Manufacturer: Bosch
 Replacing: 2007010166
 Servicing: 0001263001, 0001263005, 0001263006, 0001263019, 0001263020, 0001263021, 0001263022, 0001263023, 0001263024
 ID 14.00, OD 39.50, OD/housing 62.00,
 Total length 83.50, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR



333835 Drive
 Replacing: 6033AD0474, 6033AD0275
 Servicing: 0001223006
 ID 12.00, OD 27.55, OD/housing 52.52,
 Total length 91.80, Splines A 16,
 No./teeth 10, Drive type Steel, Rotation CR



333853 Drive
 Manufacturer: Bosch
 Replacing: 1006210174, 1006210106, 1006209838
 Servicing: 0001109280, 0001109281, 0001109315, 0001109361, 0001109362, 0001109421, 0001109422, 0001115082, 0001115083, 0001115084
 ID 12.05, OD 33.00, OD/housing 50.50,
 Total length 61.75, No./teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 333925



333854 Drive
 Replacing: 2006209336, 2006209246
 Servicing: 0001362012, 0001362016
 ID 14.20, OD 34.80, OD/housing 60.00,
 Total length 75.50, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 131712



333858 Drive
 Replacing: 2006202000
 Servicing: 0001420001, 0001420003, 0001420004, 0001420009, 0001420012, 0001420013, 0001420015, 0001420024
 ID 19.00, OD 46.30, OD/housing 58.00,
 Total length 118.45, Splines A 19,
 No./teeth 12, Drive type Steel, Rotation CR
 Alternative no.: 232632



333861 Drive
 Replacing: 2006209461
 Servicing: 0001368077
 ID 14.25, OD 35.80, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 11, Rotation CR
 Alternative no.: 234971



333862 Drive
 Replacing: 2006209490, 2006209429
 ID 14.15, OD 34.50, OD/housing 60.45,
 Total length 91.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation ACR
 Alternative no.: 333126



333866 Drive
 Replacing: 1006209845, 1006209836, 1006209828
 Servicing: 0001115048, 0001115074, 0001115075
 ID 12.00, OD 32.00, OD/housing 47.00,
 Total length 51.40, Splines A 10,
 No./teeth 12, Drive type Steel, Rotation CR
 Alternative no.: 330125, 333581



333872 Drive
 Replacing: 1006210154, 1006210147, 1006210125, 1006210117, 1006209952, 1006209934, 1006209714
 Servicing: 0001107038, 0001116006
 ID 12.00, OD 27.00, OD/housing 47.00,
 Total length 48.10, Splines A 10,
 No./teeth 8, Drive type Steel, Rotation CR
 Alternative no.: 235200



333886 Drive
 Replacing: 1006209612
 Servicing: 0001109011
 ID 12.00, OD 29.80, OD/housing 48.50,
 Total length 58.80, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation ACR



333888 Drive
 Manufacturer: Bosch
 Replacing: 1006209982, 1006209826
 Servicing: 0001107425, 0001107426, 0001107442, 0001107443, 0001107525, 0001107526
 ID 10.90, OD 29.00, OD/housing 45.50,
 Total length 48.50, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR



333895 Drive
 Replacing: 1006209782
 Servicing: 0001125025, 0001125057,
 0001125058, 0001125059, 0001125060
 ID 13.50, OD 27.75, OD/housing 52.40,
 Total length 81.80, Splines A 16,
 No./teeth 10, Drive type Steel, Rotation CR

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333896* Drive
 Replacing: 6033AD0461
 Servicing: 0001223506

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333913 Drive
 Manufacturer: Bosch
 Replacing: 1006209798
 Servicing: 0001107430
 ID 11.00, Total length 48.40, No./teeth 9,
 Rotation CR



333915 Drive
 Replacing: 1006209995
 Servicing: 0001108234, 0001108235,
 0001108239
 ID 12.00, OD 28.50, OD/housing 46.90,
 Total length 51.50, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR



333918 Drive
 Replacing: 6033AD0329
 Servicing: 0001223011, 0001223012,
 0001223018, 0001223019
 ID 12.00, OD 29.30, OD/housing 53.53,
 Total length 59.00, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation CR



333925 Drive
 Replacing: 1006210174, 1006210106, 1006209838
 Servicing: 0001109275, 0001109276, 0001109315,
 0001109421, 0001109422, 0001115056,
 0001115057, 0001115082, 0001115083, 0001115110
 ID 12.00, OD 32.85, OD/housing 52.40,
 Total length 60.30, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 333853



333926 Drive
 Replacing: 1006210271
 Servicing: 0001177000, 0001177001, 0001177002,
 0001177003, 0001177004, 0001177005,
 0001177006, 0001177007, 0001177008, 0001177009
 ID 13.50, OD 34.30, OD/housing 45.80,
 Total length 97.85, Splines A 16,
 No./teeth 13, Drive type Steel, Rotation ACR



333930 Drive
 Replacing: 1006209789
 Servicing: 0001108206, 0001108207, 0001108228,
 0001108229, 0001108237, 0001108238
 ID 12.00, OD 29.10, OD/housing 48.50,
 Total length 51.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR

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333932 Drive
 Replacing: 1006210194, 1006210183
 Servicing: 0001139017, 0001139018, 0001139019,
 0001139020, 0001139041, 0001139042,
 0001139045, 0001139046, 0001139049, 0001139050
 ID 12.00, OD 32.75, OD/housing 50.40,
 Total length 59.50, Splines A 16,
 No./teeth 10, Drive type Steel, Rotation CR



333933 Drive
 Replacing: 1006209991
 Servicing: 0001107478, 0001107479,
 0001108420, 0001108421, 0001108450,
 0001108451, 0001108456, 0001108457
 ID 11.00, OD 33.00, OD/housing 45.00,
 Total length 48.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR



333937 Drive
 Replacing: F000AL1692, F000AL1680,
 F000AL1679, F000AL1238
 Servicing: F000AL0308, F000AL0309,
 F000AL0310, F000AL0316
 ID 12.00, OD 25.20, OD/housing 46.35,
 Total length 58.60, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR



333940 Drive
 Replacing: F000AL2814, F000AL2281,
 F000AL1281, 1006209821
 Servicing: 00010DB98E, F000AL0111,
 F004A94008, F004A94011
 ID 12.00, OD 34.40, OD/housing 52.50,
 Total length 60.60, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR


333941 Drive

Replacing: F000CD1114
 Servicing: F000CD0002, F000CD0A02
 ID 10.00, OD 21.80, OD/housing 45.50,
 Total length 49.30, Splines A 11,
 No./teeth 8, Drive type Steel, Rotation CR


333943 Drive

Replacing: 6033AD0204
 Servicing: 0001223004, 0001223104
 ID 12.00, OD 28.85, OD/housing 57.30,
 Total length 59.60, Splines A 16,
 No./teeth 9, Drive type Steel, Rotation CR


333954 Drive

Replacing: 9002336214
 Servicing: 0001219010, B001235019
 ID 12.00, OD 29.40, OD/housing 53.50,
 Total length 61.20, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation ACR


335040 Drive

Manufacturer: Bosch
 Replacing: 9002336210, 9002336201
 Servicing: 0001218812, 9000331423,
 9000332405, 9000332406
 ID 12.05, OD 39.90, OD/housing 59.85,
 Total length 68.65, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR

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335041 Drive

Replacing: 2006209538
 Servicing: 0001368057, 0001369011,
 B001816384, B001828085
 ID 14.50, OD 46.50, OD/housing 60.00,
 Total length 91.30, Splines A 10,
 No./teeth 12, Drive type Steel, Rotation CR

Drive Parts
Caps

Pkg. 25


134207 Dp Cap

ID 40.85, OD 42.35

Pkg. 25


134210 Dp Cap

Replacing: 1000500018
 ID 52.15, OD 53.80

Pkg. 25


134211 Dp Cap

ID 56.05, OD 58.25

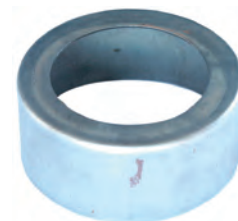


Pkg. 100

134250 Dp Cap

Servicing: 1006209570
 ID 46.10, OD 47.20

Pkg. 50


134251 Dp Cap

ID 55.63, OD 57.00

Pkg. 50


134257 Dp Cap

ID 50.17, OD 51.90

Pkg. 10


134258 Dp Cap

ID 52.20, OD 54.20

Pkg. 10


134261 Dp Cap

ID 56.13, OD 58.50



Pkg. 50

139299 Dp Cap
ID 46.15, OD 47.50



Pkg. 100

230320 Dp Cap
ID 46.60, OD 48.55



Pkg. 25

230387 Dp Cap
Servicing: 0001223504
ID 58.00, OD 59.75



Pkg. 10

238780 Dp Cap
Replacing: 6033AC5049, 238780
Servicing: 6033AD5078
OD 72.65

Gaskets



Pkg. 10

231201 Gasket
ID 27.85, OD 49.35, Thickness 3.85,
Material Rubber

Gears



Pkg. 10

134163 Dp Gear
ID 11.00, OD 25.10, Height 36.40,
No./teeth 9



Pkg. 10

134164 Dp Gear
ID 12.35, OD 25.50, Height 65.70,
No./teeth 9



Pkg. 10

134172 Dp Gear
ID 12.00, OD 25.60, Height 48.25,
No./teeth 9



Pkg. 10

134179 Dp Gear
ID 12.00, OD 26.70, Height 27.00,
No./teeth 10



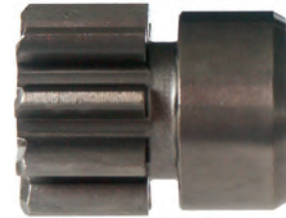
Pkg. 10

134188 Dp Gear
ID 12.00, OD 29.00, Height 26.85,
No./teeth 9



Pkg. 10

134190[#] Dp Gear
ID 14.00, OD 34.60, Height 36.90,
No./teeth 9



Pkg. 10

134192 Dp Gear
ID 14.00, OD 34.00, Height 42.45,
No./teeth 9



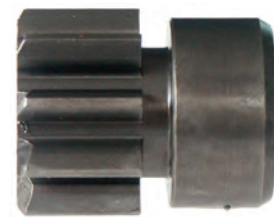
Pkg. 5

134193 Dp Gear
ID 14.00, OD 40.55, Height 42.50,
No./teeth 11



Pkg. 10

134194[#] Dp Gear
ID 12.00, OD 27.70, Height 26.95,
No./teeth 10



Pkg. 10

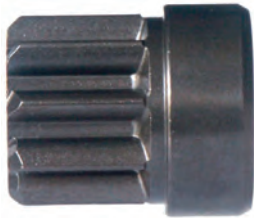
134195 Dp Gear
ID 14.30, OD 34.00, Height 42.55,
No./teeth 9

Pkg. 5



134236 Dp Gear
 Servicing: 1006209570
 ID 12.00, OD 25.35, Height 26.90,
 No./teeth 9

Pkg. 10



134237# Dp Gear
 ID 12.00, OD 25.10, Height 32.35,
 No./teeth 9

Pkg. 10



134238 Dp Gear
 ID 12.00, OD 25.00, Height 27.00,
 No./teeth 9



136679 Dp Gear
 ID 12.70, OD 25.15, Height 65.70,
 No./teeth 9,



139803# Dp Gear
 ID 14.20, OD 25.20, Height 68.70,
 No./teeth 9,



235194 Dp Gear
 Servicing: 0001125600, 0001125601
 ID 11.20, OD 29.00, Height 14.50,
 No./teeth 9

Rollers

Pkg. 1000



134214 Dp Rollers
 OD 7.00, Length 9.00

Pkg. 500



134216 Dp Rollers
 Servicing: 0001223504
 OD 7.00, Length 13.90

Pkg. 2000



134241 Dp Rollers
 Replacing: 1003200018
 Servicing: 0001147404, 1006209570
 OD 6.00, Length 7.90

Pkg. 1000



134245 Dp Rollers
 OD 7.00, Length 11.80

Pkg. 100



134913 Dp Rollers
 Servicing: 1006209570
 OD 6.10, Length 7.90

Pkg. 1000



135377 Dp Rollers
 Servicing: 1006209570
 OD 6.00, Length 8.00

Pkg. 100



235141 Roller
 Servicing: 1006209796, 1006209797,
 1006209801, 1006209804, 1006209807
 OD 4.96, Length 6.93

Pkg. 500



331014 Roller
 OD 6.05, Length 9.00

Pkg. 500



331015 Roller
 OD 7.05, Length 14.00



Pkg. 100

333362 Roller
OD 5.00, Length 9.75

Springs

Pkg. 2000



134279 Dp Springs
Replacing: 1004611018
Servicing: 0001147404, 1006209570
OD 4.35, Length 12.65

Pkg. 250



134280 Dp Springs
OD 5.00, Length 17.00

Spring/Roller Retainers

Pkg. 25



134225 Spring/roller retainer
Replacing: 1000139015
ID 30.00, OD 50.95, Thickness 5.15,
Material Plastic



Pkg. 100

134259 Spring/roller retainer
Servicing: 1006209570
ID 28.70, OD 45.55, Thickness 1.75,
Material Plastic



134272 Spring/roller retainer
ID 32.45, OD 45.25, Material Plastic

Pkg. 10



134923 Spring/roller retainer
Servicing: 0001223504
ID 32.55, OD 56.75, Thickness 0.75,
Material Nylon

Pkg. 24



134924 Spring/roller retainer
Servicing: 0001223504
ID 33.00, OD 45.65, Thickness 17.70,
Material Nylon

Pkg. 25



134978 Spring/roller retainer
ID 31.40, OD 54.95, Thickness 5.00,
Material Plastic



Pkg. 10

231904# Spring/roller retainer
ID 28.50, OD 48.15, Thickness 5.15,
Material Plastic

Pkg. 10



235417 Spring/roller retainer
Servicing: 1006209796, 1006209801,
1006209804, 1006209805, 1006209806,
1006209807, 1006209809, 1006209813,
1006209814, 1006209958

Pinion

Pkg. 10



134970 Pinion
ID 12.00, OD 25.00, Height 24.95,
No./teeth 9



237769 Pinion
Manufacturer: Bosch
Replacing: 6033AD5395, 6033AC5394,
6033AC5246, 6033AC5149, 2006382416
Servicing: 0001241001, 0001241003,
0001241004, 0001241005, 0001241006,
0001241007, 0001241009, 0001241014,
0001241015, 0001241019
ID 25.60, OD 45.10, Height 22.70,
No./splines 19, No./teeth 12

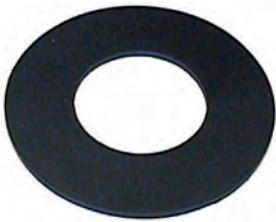
Washers

Pkg. 100


134223 DP Washer

Replacing: 1000103005
 Servicing: 0001147404, 1006209570
 ID 12.35, OD 19.65, Thickness 2.00,
 Material Steel

Pkg. 25


134708 DP Washer

ID 18.00, OD 28.00, Thickness 4.00,
 Material Rubber

Pkg. 25


134709 Rubber Washer

ID 27.85, OD 58.80, Thickness 1.60,
 Material Rubber
Improved version.

Pkg. 100


134757 DP Washer

ID 24.90, OD 45.00, Thickness 1.60

Pkg. 100


134758 DP Washer

ID 29.25, OD 53.85, Thickness 1.60,
 Material Fiber

Pkg. 100


134764 Fiber Washer

Replacing: 1000207006
 Servicing: 00010DB98E, 0001105205,
 0001106011, 0001106012, 0001106014,
 0001106015, 0001106016, 0001106017,
 0001106018, 0001106019
 ID 18.50, OD 23.50, Thickness 1.60,
 Material Fiber

Pkg. 100


134765# DP Washer

ID 31.35, OD 47.85, Thickness 2.55

Pkg. 100


134770 Washer

Replacing: 1000207001
 Servicing: 0001106405, 0001106406,
 0001106407, 0001106409, 0001106410,
 0001107401, 0001107402, 0001107403,
 0001107404, 0001107405
 ID 20.50, OD 25.80, Thickness 1.60,
 Material Fiber

Pkg. 10


134914 DP Washer

ID 14.40, OD 19.70, Thickness 2.40,
 Material Metal

Various

230091 Dust Cover Kit

Servicing: 0001120400, 0001120407,
 0001120409, 0001120411, 0001121018,
 0001121019, 0001121024, 0001121025,
 0001121403, 0001121408

For 10 teeth drives.


230338 Dust Cover Kit

Servicing: 0001120402, 0001123001,
 0001124015, 0001124020, 0001124021,
 0001125009, 0001125036, 0001125053,
 0001125054, 0001125055

For 9 teeth drives.


331021 Dust Cover Kit

Servicing: 0001121023, 0001125016,
 0001125017, 0001125019, 0001125605

ID/housing 8.00, OD/housing 11.50,
 Thickness 1.50, Material Steel

Planet Gears



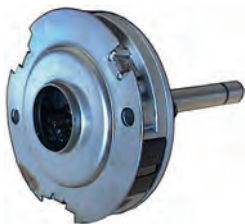
131989 Planet Gear
 Replacing: 9001337069, 9001140391
 Servicing: 0001218003, 0001218020, 0001218178, 0001233054, 0001233091, 0001233158
 Shaft dia./middle 11.90,
 Total length 155.90, No./splines 10



131990 Planet Gear
 Replacing: 9001140362
 Servicing: 0001218001, 0001218002, 0001218004, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011, 0001218012, 0001218013
 Shaft dia./middle 11.90,
 Total length 140.90, No./splines 10



131991 Planet Gear
 Replacing: 1006200050
 Servicing: 0001218006, 0001218016, 0001218029, 0001218108, 0001218160, 0001219001, 0001219007, 0001219009, 0001219013, 0001219015
 Shaft dia./middle 11.90,
 Total length 143.55, No./splines 10,
 Rotation CR



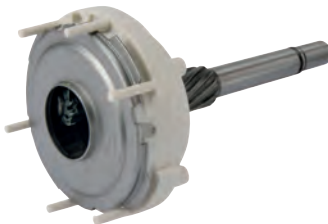
133195# Planet Gear
 Replacing: 9003336285, 9001337067
 Servicing: 9000331406, 9000331411
 Shaft dia./middle 12.00,
 Total length 131.45, No./splines 10



133456 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200187, 1006200006
 Servicing: 0001110004, 0001110007, 0001110008, 0001110011, 0001110012, 0001110013, 0001110019, 0001110022, 0001110023, 0001110027
 Shaft dia./middle 11.90,
 Total length 136.60, No./splines 10



133457 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200015
 Servicing: 0001109009, 0001110003, 0001110005, 0001110024, 0001110025, 0001110042, 0001110055, 0001110082, 0001110092, 0001110102
 Shaft dia./middle 11.90,
 Total length 136.50, No./splines 10



133458 Planet Gear
 Replacing: 1007010099, 1006200021, 1006200004
 Servicing: 0001110001, 0001110002, 0001110014, 0001110015, 0001110057, 0001110058, 0001110076, 0001110077, 0001110133, 0001110134
 Shaft dia./middle 11.90,
 Total length 134.60, No./splines 10,
 Rotation ACR



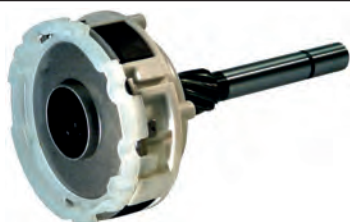
133459 Planet Gear
 Replacing: 1006200131, 1006200123, 1006200056, 1006200022, 1006200018, 1006200010, 1006200005, 1006200001
 Servicing: 0001107061, 0001108001, 0001108002, 0001108004, 0001108007, 0001108009, 0001108010, 0001108011, 0001108012, 0001108016
 Shaft dia./middle 11.90,
 Total length 133.25, No./splines 10



133483 Planet Gear
 Replacing: 1006200903, 1006200134, 1006200104, 1006200049, 1006200048, 1006200017
 Servicing: 0001108001, 0001108002, 0001108003, 0001108009, 0001108010, 0001108018, 0001108026, 0001108027, 0001108042, 0001108054
 Shaft dia./middle 11.90,
 Total length 139.00, No./splines 10,
 Rotation CR



133484 Planet Gear
 Replacing: 1006200902, 1006200016
 Servicing: 0001110016, 0001110028, 0001110029, 0001110030, 0001110039, 0001110041, 0001110048, 0001110049, 0001110053, 0001110054
 Shaft dia./middle 11.90,
 Total length 140.00, No./splines 10


133485 Planet Gear

Replacing: 1006200904, 1006200019, 1004200019

Servicing: 0001110003, 0001110017, 0001110026, 0001110056, 0001110079, 0001110089, 0001110095, 0001110114, 0001110999, 0001111001

Shaft dia./middle 11.90,
Total length 139.35, No./splines 10


135068 Planet Gear

Manufacturer: Bosch

Replacing: 1006200910, 1006200130, 1006200037

Servicing: 0001107003, 0001107004, 0001107022, 0001107023, B001110041, B001110100

Shaft dia./middle 11.90,
Total length 148.20, No./splines 10,
Rotation ACR


135069 Planet Gear

Replacing: 1006200900, 1006200014

Servicing: 0001108021, 0001108121, 0001108147, B001111069

Shaft dia./middle 11.90,
Total length 138.40, No./splines 10,
Rotation ACR


135071 Planet Gear

Replacing: 9001337059, 135071

Servicing: 0001218002, 0001218004, 0001218005, 0001218009, 0001218011, 0001218013, 0001218025, 0001218027, 0001218100, 0001218104

Shaft dia./middle 11.90,
Total length 145.45, No./splines 10


135072 Planet Gear

Replacing: 9003336268, 9001337062, 9001337056

Servicing: 0001218006, 0001218016, 0001218021, 0001218029, 0001218108, 0001218109, 0001218110, 0001218123, 0001218137, 0001218139

Shaft dia./middle 11.90,
Total length 144.60, No./splines 10


135073 Planet Gear

Replacing: 9003337014, 9003336296, 9001337057

Servicing: 0001218101, 0001218111, 0001218112, 0001218130, 0001218132, 0001218134, 0001218135, 0001218136, 0001218142, 0001218157

Shaft dia./middle 11.93,
Total length 144.80, No./splines 10


135074 Planet Gear

Replacing: 9003336299, 9001337058

Servicing: 0001218002, 0001218004, 0001218005, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011, 0001218012, 0001218013

Shaft dia./middle 11.90,
Total length 144.90, No./splines 10


135471 Planet Gear

Manufacturer: Bosch

Replacing: 1006200103, 1006200058

Servicing: 0001107017, 0001107018, 0001107044, 0001107045, B001110043, B001110081

Shaft dia./middle 11.90,
Total length 124.55, No./splines 10


135598 Planet Gear

Manufacturer: Bosch

Replacing: 1006200183, 1006200012

Servicing: 0001110009, 0001110010, 0001110031, 0001110032, 0001110061, 0001110062, B001117030, B001117068, B001117071, B001117140

Shaft dia./middle 11.90,
Total length 160.95, No./splines 10,
Rotation ACR



135600 Planet Gear

Replacing: 1006200110, 1006200042
 Servicing: 0001107009, 0001107012, 0001107013, 0001107015, 0001107034, 0001107044, 0001107060, 9000081004, B001110042, B001110043
 Shaft dia./middle 11.90,
 Total length 124.10, No./splines 10



135601 Planet Gear

Manufacturer: Bosch
 Replacing: F000AL0128, 1006200128, 1006200043
 Servicing: 0001107007, 0001107008, 0001107020, 0001107021, 0001107052, 0001107053, 9000694029, B001110054, B001110099, B001110116
 Shaft dia./middle 11.90,
 Total length 124.35, No./splines 10,
 Rotation ACR



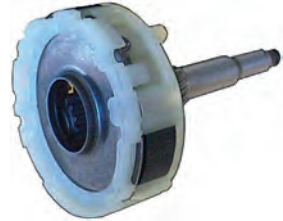
135841 Planet Gear

Replacing: 1006200129, 1006200041, 1006200030
 Servicing: 0001107005, 0001107006, 0001108059, 0001108060, 0001108076, 0001108077, 0001108096, 0001108097, B001110060, B001111155
 Shaft dia./middle 11.90,
 Total length 148.10, No./splines 10,
 Rotation ACR



136788 Planet Gear

Replacing: 9001337087
 Servicing: 0001218162, 0001218165
 Shaft dia./middle 11.90,
 Total length 135.10, No./splines 10



136855 Planet Gear

Manufacturer: Bosch
 Replacing: 1006200088
 Servicing: 0001123003, 0001124001, 0001124002, 0001124003, 0001124004, 0001124005, 0001124006, 0001124013, 0001124014, B001127016
 Shaft dia./middle 14.15,
 Total length 116.45, No./splines 16,
 Rotation ACR



137225 Planet Gear

Replacing: 1006200034
 Servicing: 0001110059, 0001110073, 0001110081, B001117272, B001117274
 Shaft dia./middle 11.90,
 Total length 180.75, No./splines 10,
 Rotation ACR



137328 Planet Gear

Manufacturer: Bosch
 Replacing: 1006200127, 1006200069
 Servicing: 0001107025, 0001107026, 0001107103, 0001107104, B001110114
 Shaft dia./middle 11.90,
 Total length 139.70, No./splines 10



137383 Planet Gear

Replacing: 9001337073
 Servicing: 0001218116, 0001218117, B001233180
 Shaft dia./middle 11.90,
 Total length 167.90, No./splines 10,
 Rotation ACR



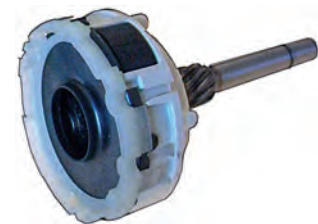
137463 Planet Gear

Replacing: 1006200112
 Servicing: 0001108162, 0001108172, 0001108178, 0001108188, 0001108199, 0001108202, 0001108204, 0001108224, 0001108234, 0001108235
 Shaft dia./middle 11.90,
 Total length 120.50, No./splines 10



137464 Planet Gear

Manufacturer: Bosch
 Replacing: 1006200117
 Servicing: 0001125001, 0001125002, 0001125005, 0001125006, 0001125007, 0001125008, 0001125009, 0001125010, 0001125012, 0001125013
 Shaft dia./middle 14.00,
 Total length 109.65, No./splines 16,
 Rotation ACR



137623 Planet Gear

Replacing: 1006200086, 1006200077
 Servicing: 0001110076, 0001110077, 0001110098, 0001110099, B001110076
 Shaft dia./middle 11.90,
 Total length 137.20, No./splines 10



137624 Planet Gear
 Manufacturer: Bosch
 Replacing: 9001337085
 Servicing: 9000331201, 9000331203
 Shaft dia./middle 11.92,
 Total length 141.65, No./splines 10



137755 Planet Gear
 Replacing: 1006200111, 1006200081,
 1006200071, 1006200061
 Servicing: 0001108125, 0001108128, 0001108132,
 0001108139, 0001108140, 0001108141,
 0001108148, 0001108150, 0001108155, 0001108156
 Shaft dia./middle 11.90,
 Total length 132.45, No./splines 10



137884 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200101
 Servicing: 0001109015, 0001109052, 0001109055,
 0001109062, 0001109068, 0001109202, 0001109203
 Shaft dia./middle 11.90,
 Total length 129.25, No./splines 10



137885 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200114
 Servicing: 0001107054, 0001107055,
 0001107067, 0001107068, 0001107069,
 0001107073, 0001107074, 0001107076
 Shaft dia./middle 11.95,
 Total length 121.20, No./splines 10



137886 Planet Gear
 Replacing: 1006200118, 1006200109,
 1006200100
 Servicing: 0001124007, 0001124008,
 0001124011, 0001124012, 0001124022,
 0001124023, 0001124024, 0001124025,
 0001125003, 0001125004
 Shaft dia./middle 14.20,
 Total length 128.50, No./splines 16,
 Rotation ACR



137920 Planet Gear
 Replacing: 1006200098, 1006200059
 Servicing: 0001108123, 0001108134,
 0001108160, 0001108995, 9007046007,
 9007046009, B001111412
 Shaft dia./middle 10.90,
 Total length 125.45, No./splines 10



137921 Planet Gear
 Replacing: 1006200145, 1006200087
 Servicing: 0001107037, 0001107048,
 0001108157, 0001108169, 0001108190,
 0001108196, 0001108245, B001111498
 Shaft dia./middle 11.92,
 Total length 120.71, No./splines 10,
 Rotation CR



138253 Planet Gear
 Replacing: 1006200064
 Servicing: 0001107024, B001110080
 Shaft dia./middle 11.90,
 Total length 123.85, No./splines 10



138325 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200099, 1006200096
 Servicing: 0001109014, 0001109018, 0001109025,
 0001109026, 0001109028, 0001109030,
 0001109031, 0001109033, 0001109036, 0001109041
 Shaft dia./middle 11.90,
 Total length 125.15, No./splines 10
 Alternative no.: 333792



138916 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200153, 1006200148, 1006200072
 Servicing: 0001106011, 0001106015, 0001106019,
 0001107030, 0001107075, 0001107077,
 0001107079, 0001107088, 0001107089, 0001107092
 Shaft dia./middle 11.90,
 Total length 110.75, No./splines 10



138920 Planet Gear
 Replacing: 1006200184, 1006200055
 Servicing: 0001110061, 0001110062, 0001110069,
 0001110070, 0001110084, 0001110085,
 0001110086, 0001110087, 0001110118, 0001110119
 Shaft dia./middle 11.90,
 Total length 162.00, No./splines 10,
 Rotation ACR



139021[#] Planet Gear
 Replacing: 1006200093
 Servicing: 0001107047
 Shaft dia./middle 11.90,
 Total length 114.65, No./splines 10



139509 Planet Gear
 Replacing: 9001337094
 Servicing: 0001218172, 0001218772
 Shaft dia./middle 11.90,
 Total length 135.70, No./splines 10



139969 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200201, 1006200195,
 1006200095
 Servicing: 0001106014, 0001107043,
 0001107063, 0001107066, 0001107087,
 0001107091, 0001107097, 0001107109,
 0001107110, 0001107111
 Shaft dia./middle 11.90,
 Total length 110.55, No./splines 10



139976 Planet Gear
 Replacing: 9001337098, 9001337097,
 9001337091, 7001337097, 7001337091
 Servicing: 0001218166, 0001218173,
 0001218766
 Shaft dia./middle 11.90,
 Total length 135.55, No./splines 11



230158 Planet Gear
 Replacing: 1006200027
 Servicing: 0001109011, 0001109012,
 0001110033, B001117229
 Shaft dia./middle 11.90,
 Total length 136.65, No./splines 10



230830 Planet Gear
 Replacing: 1006200126
 Servicing: 0001125055, 0001125056, 0001125501,
 0001125502, 0001125503, 0001125504,
 0001125507, 0001125508, 0001125511, 0001125512
 Shaft dia./middle 14.15,
 Total length 115.85, No./splines 16,
 No./teeth 38,
 Gear wheel: HC-CARGO 134066.



230833 Planet Gear
 Replacing: 1006200155
 Servicing: 0001108180, 0001108182, 0001108186
 Shaft dia./middle 11.90,
 Total length 125.25, No./splines 10



230912 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200206, 1006200161
 Servicing: 0001106012, 0001106017, 0001106022,
 0001106023, 0001106024, B001109104
 Shaft dia./middle 11.90,
 Total length 118.00, No./splines 11,
 Rotation CR



231083 Planet Gear
 Replacing: 9001336244, 6033AD3310, 6033AD3306
 Servicing: 0001230001, 0001230003, 0001230004,
 0001230005, 0001230006, 0001230007,
 0001230008, 0001230009, 0001230010, 0001230011
 Shaft dia./middle 14.10,
 Total length 180.25, No./splines 10
 Alternative no.: 333594



231202 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200137
 Servicing: 0001121006, 0001121007,
 0001121008, 0001121009, 0001121010,
 0001121011, 0001121016, 0001121017,
 0001121018, 0001121019
 Shaft dia./middle 10.90,
 Total length 114.15, No./splines 16,
 Rotation ACR



233580 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200141
 Servicing: 0001107062, 0001107083
 Shaft dia./middle 11.90,
 Total length 119.20, No./splines 10



233907 Planet Gear
 Replacing: 1006200074
 Servicing: 0001107033, 0001107061
 Shaft dia./middle 11.90,
 Total length 132.55, No./splines 10



234085 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200136
 Servicing: 0001109034, 0001109063
 Shaft dia./middle 11.90,
 Total length 121.30, No./splines 10


234142# Planet Gear

Replacing: 1006200185
 Servicing: 0001124020, 0001124021
 Shaft dia./middle 14.15,
 Total length 125.20, No./splines 16


234156 Planet Gear

Replacing: 1006200150
 Servicing: 0001109021, 0001109022,
 0001109066, 0001109067, B001116092
 Shaft dia./middle 11.90,
 Total length 134.35, No./splines 10


234239 ★ Planet Gear

Manufacturer: Bosch
 Replacing: 1006200120
 Servicing: 0001108167, 0001115008,
 0001115016, 0001115017, 0001115020,
 0001115021, 0001115025, 0001115031,
 0001115032, 0001115039
 Shaft dia./middle 12.00,
 Total length 120.10, No./splines 10


234240 ★ Planet Gear

Manufacturer: Bosch
 Replacing: 1006200142
 Servicing: 0001108197, 0001115005,
 0001115006, 0001115009, B001115020
 Shaft dia./middle 11.90,
 Total length 139.90, No./splines 16


234323 Planet Gear w/ Drive

Servicing: 0001230006, 0001231002
 Total length 172.00, No./teeth 9


234368 ★ Planet Gear

Manufacturer: Bosch
 Replacing: 1006200108
 Servicing: 0001121001, 0001121002,
 0001121030, 0001121031, 0001121032,
 0001121033, 0001121034, 0001121035
 Shaft dia./middle 10.90,
 Total length 112.90, No./splines 16


234375 ★ Planet Gear

Manufacturer: Bosch
 Replacing: 6033AD0063
 Servicing: 0001223002, 0001223003,
 0001223007, 0001223016, 0001223021,
 0001223024
 Shaft dia./middle 11.85,
 Total length 142.00, No./splines 16


234396 ★ Planet Gear

Manufacturer: Bosch
 Replacing: 6033AD0053
 Servicing: 0001223001, 0001223008,
 0001223009, 0001223010, 0001223013,
 0001223014, 0001223022
 Shaft dia./middle 11.90,
 Total length 137.25, No./splines 16


235025 ★ Planet Gear

Manufacturer: Bosch
 Replacing: 1006200972, 1006200309,
 1006200307, 1006200306, 1006200304,
 1006200303
 Servicing: 0001107401, 0001107403,
 0001107404, 0001107405, 0001107406,
 0001107407, 0001107408, 0001107411,
 0001107417, 0001107418
 Shaft dia./middle 11.00,
 Total length 109.70, No./splines 16,
 Rotation CR


235399 ★ Planet Gear

Manufacturer: Bosch
 Replacing: 1006200493, 1006200310,
 1006200302, 1006200301
 Servicing: 0001107401, 0001107402,
 0001107403, 0001107406, 0001107407,
 0001107408, 0001107409, 0001107410,
 0001107417, 0001107418
 Shaft dia./middle 10.95,
 Total length 110.00, No./splines 16,
 Rotation CR


235579 ★ Planet Gear

Manufacturer: Bosch
 Replacing: 1006200178
 Servicing: 0001109045, 0001109201,
 0001109250, 0001110132, F000AL0115,
 F002G20795



235704 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200909, 1006200163, 1006200152, 1006200090, 1006200039
 Servicing: 0001109040, 0001110016, 0001110029, 0001110030, 0001110039, 0001110041, 0001110048, 0001110049, 0001110053, 0001110063
 Shaft dia./middle 11.90,
 Total length 139.90, No./splines 10,
 Rotation CR



235866 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200154
 Servicing: 0001109035
 Shaft dia./middle 11.92,
 Total length 116.80, No./splines 10,
 No./teeth 13, Rotation CR



236813[#] Planet Gear
 Replacing: 1006200157
 Servicing: 0001107078
 Shaft dia./middle 11.93,
 Total length 111.00, No./splines 10,
 Rotation CR

NEW PRODUCT
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237668 Planet Gear
 Replacing: 1006200218
 Servicing: 0001109300, 0001109301, 0001109332, 0001109333, 0001109344, 0001109345, 0001109369, 0001109370, 0001109371, 0001109405
 No./splines 10



239780 Planet Gear
 Replacing: 1007010128, 1006200319
 Servicing: 0001107433, 0001107434, 0001107438, 0001107439, 0001107440, 0001107441, 0001107448, 0001107449, 0001107456, 0001107476
 Shaft dia./middle 10.97,
 Total length 109.11, No./splines 10,
 Rotation CR



332236 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200214
 Servicing: 0001109258, 0001109259, 0001109260, 0001109261
 Shaft dia./middle 11.90,
 Total length 135.50, No./splines 10,
 No./teeth 37, Rotation CR



333350 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200026
 Servicing: 0001108050, 0001108099, 0001108203, B001111098, B001111273
 Shaft dia./middle 11.92,
 Total length 130.23, No./teeth 10,
 Rotation CR



333358 Planet Gear w/ clutch
 Manufacturer: Bosch
 Replacing: 6033AD5359
 Servicing: 0001241008, 0001241012, 0001241024, 0001241119, 0001261003, 0001261004, 0001261005, 0001261006, 0001261013, 0001261025
 Total length 137.60, No./splines 14,
 No./teeth 41, Rotation CR

NEW PRODUCT
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333403 Planet Gear
 Manufacturer: Bosch
 Replacing: 2007010170, 2006209606
 Servicing: 0001241128, 0001261003, 0001261004, 0001261005, 0001261006, 0001261013, 0001261023, 0001261025, 0001261026, 0001261027



333405 Planet Gear
 Replacing: 1006200490, 1006200230
 Servicing: 0001105205, 0001109205, 0001109304, 0001109305, 0001109324, 0001109325, 0001109328, 0001109329, 0001109387, 0001109388
 Shaft dia./middle 12.00,
 Total length 128.50, No./splines 10,
 Rotation CR



333423 Planet Gear
 Replacing: 1006200929
 Servicing: 0001115078, 0001115079, 0001115114, 0001115115
 Shaft dia./middle 11.98,
 Total length 121.00, No./splines 10,
 Rotation CR



333464 Planet Gear
 Manufacturer: Bosch
 Replacing: 1006200342
 Servicing: 0001109306, 0001109307, 0001109321, 0001109322, 0001109342, 0001109343, 0001109365, 0001109366, 0001109375, 0001109376
 Shaft dia./middle 11.98,
 Total length 132.00, No./splines 10


333550 Planet Gear

Manufacturer: Bosch

Replacing: 1006200316

Servicing: 0001107429, 0001107431, 0001107432, 0001107437, F002G20485, F002G20917, F002G70069

Shaft dia./middle 10.91,

Total length 109.44, No./splines 10,

No./teeth 16, Rotation CR

Alternative no.: 236833


333594 Planet Gear

Manufacturer: Bosch

Replacing: 9001336244, 6033AD3310, 6033AD3306

Servicing: 0001230004, 0001230005, 0001230006, 0001230007, 0001230009, 0001230013, 0001230027, 0001230030, 0001231012, 0001231016

Shaft dia./middle 14.10,

Total length 180.50, No./splines 10, No./teeth 13

Alternative no.: 231083


333792 Planet Gear

Replacing: 1006200099, 1006200096

Servicing: 0001109014, 0001109018, 0001109025, 0001109026, 0001109030, 0001109033, 0001109036, 0001109041, 0001109048, 0001109200

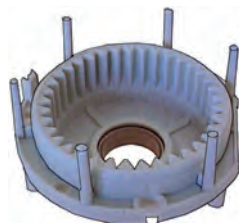
Shaft dia./middle 11.95,

Total length 125.50, No./splines 10, No./teeth 38, Rotation CR

Alternative no.: 138325

Gear Parts
Outer Gear

Pkg. 5


131503 Outer Gear

Replacing: 1005821307, 1005821300

Servicing: 0001106001, 0001106002, 0001106015, 0001107005, 0001107006, 0001107092, 0001108004, 0001108019, 0001108023, 0001108024

ID 46.75, OD 70.00, Height 23.50, No./teeth 37

Pkg. 5


132123 Outer Gear

Replacing: 1005821303

Servicing: 0001109003, 0001109008, 0001109011, 0001109012, 0001110001, 0001110002, 0001110004, 0001110005, 0001110007, 0001110008

ID 52.50, OD 74.00, Height 39.70, No./teeth 42


135077 Outer Gear

Replacing: 9002338850

Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011

ID 52.50, OD 86.00, Height 30.00, No./teeth 42


135078 Outer Gear

Replacing: 1005821312

Servicing: 0001106014, 0001107003, 0001107004, 0001107007, 0001107008, 0001107009, 0001107011, 0001107012, 0001107013, 0001107015

ID 46.75, OD 70.00, Height 17.00, No./teeth 37

Pkg. 5

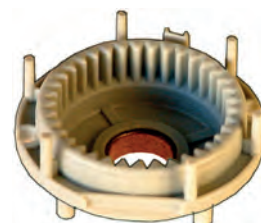

135079 Outer Gear

Replacing: 1005821313

Servicing: 0001109001, 0001109002

ID 53.00, OD 74.00, Height 17.50, No./teeth 42

Pkg. 5


137812 Outer Gear

ID 46.90, OD 70.00, Height 17.50, No./teeth 37

Pkg. 5


138991 Outer Gear

Replacing: 1005821321

Servicing: 0001107077, 1006200062, 1006200063, 1006200072

ID 44.65, OD 70.00, Height 16.50, No./teeth 36



231751 Outer Gear

Replacing: 9003337009
 Servicing: 0001230001, 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010
 ID 62.00, OD 90.00, Height 40.00, No./teeth 42

Pkg. 5



233497 Outer Gear

Servicing: 1006200136
 ID 48.75, OD 74.00, Height 17.50, No./teeth 38

Pkg. 5



235105 Outer Gear

Servicing: 1006200138, 1006200162
 ID 46.50, OD 70.00, Height 24.00, No./teeth 37



333838 Outer Gear

Replacing: 1005821396
 ID 17.97, OD 66.00, Height 22.11, No./teeth 36

Gear Covers

Pkg. 5



133466 Gear Cover

Replacing: 1005821352, 1005821308
 Servicing: 0001107014, 0001107016, 0001107017, 0001107018, 0001107027, 0001107028, 0001107041, 0001108001, 0001108002, 0001108003
 ID 18.00, OD 69.50, Height 28.00

Pkg. 5



133467 Gear Cover

Replacing: 1005821306, 1005321306
 Servicing: 0001109040, 0001110003, 0001110016, 0001110017, 0001110026, 0001110028, 0001110029, 0001110030, 0001110031, 0001110039
 Height 32.50 mm.

Pkg. 5



135970 Gear Cover

Servicing: 0001115068, 0001115069, 0001121023, 0001147404
 ID 17.90, OD 70.00, Height 25.00

Pkg. 5



139143 Gear Cover

Replacing: 1005821336, 1005821333
 Servicing: 0001109315, 0001124020, 0001124021, 0001125053, 0001125054

Gear Wheels



131992 Gear Wheel

Replacing: 9001140322
 Servicing: 0001218001, 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010
 ID 52.00, OD 86.00, Height 14.15, No./teeth 42



132604 Gear Wheel

Replacing: 9001140322
 Servicing: 0001218029, B001233158
 ID 52.00, OD 86.00, Height 14.25, No./teeth 42
 As HC-CARGO 131992, but in plastic.



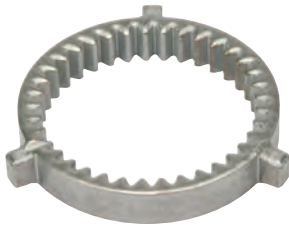
134035 Gear Wheel Kit

Servicing: 0001223504, 1006200006, 1006200021, 1006200902
 ID 9.95, OD 19.30, Height 10.50, No./teeth 13
 w/ needle bearing.
 Alternative no.: B134035



134066 Gear Wheel Kit

Servicing: 1006200015
 Shaft dia./middle 2.10,
 Total length 10.10, No./splines 12,
 Rotation CR/ACR
 Alternative no.: B134066


134516 Gear Wheel

Servicing: 0001115068, 0001115069, 0001147404, 1006200017
 ID 46.78, OD 57.70, Height 10.00, No./teeth 37
 Alternative no.: B134516


134875 Gear Wheel Kit

ID 5.00, OD 18.20, Height 12.00, No./teeth 12
w/ needle bearing.
 Alternative no.: B134875


135080 Gear Wheel

ID 52.23, OD 62.00, Height 13.50, No./teeth 42


138989 Gear Wheel

Servicing: 0001124020, 0001124021, 0001125053, 0001125054
 ID 48.70, OD 62.00, Height 13.50, No./teeth 38


139278 Gear Wheel

Servicing: 1006200087, 1006200145
 ID 44.50, OD 57.70, Height 10.00, No./teeth 36


139572 Gear Wheel Kit

Servicing: 0001121023, 0001125053, 0001125054
 ID 5.00, OD 18.00, Height 9.50, No./teeth 12
 Alternative no.: B139572


234919 Gear Wheel

Servicing: 1006200101
 ID 46.40, OD 62.30, Height 13.30, No./teeth


234925 Gear Wheel

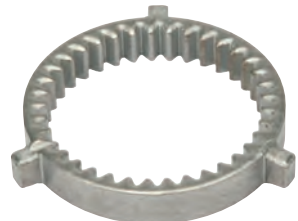
Servicing: 6033AC5060, 9001336244
 ID 61.50, OD 76.00, Height 16.50, No./teeth 41


235173 Gear Wheel

Servicing: 0001107072, 0001121008, 0001121009, 0001121010, 0001121011, 0001121016, 0001121017, 0001121026, 0001121027, B001120046
 ID 48.50, OD 58.00, Height 10.00, No./teeth 40


B134035 Gear Wheel

Alternative no.: 134035


B134516 Gear Wheel

Alternative no.: 134516

Gear Plates

133468 Gear Plate

Servicing: 0001107014, 0001107016, 0001107031, 0001107037, 0001107041, 0001107045, 0001107048, 0001107049, 0001107059, 0001107070
 ID 18.50, OD 70.00, Thickness 12.00, Gasket w/o

Pkg. 10

Pkg. 100

Pkg. 3

Pkg. 50

Pkg. 5



Pkg. 5

133469 Gear Plate

Replacing: 0001109021, 0001109022, 0001109040, 0001110016, 0001110017, 0001110028, 0001110029, 0001110030, 0001110031, 0001110039

ID 25.50, OD 74.00



Pkg. 10

133475 Gear Plate

Replacing: 1000520035
 Servicing: 0001107076, 1006200006, 1006200018

ID 18.50, OD 60.00, Thickness 8.90



Pkg. 5

133476 Gear Plate

Servicing: 1006200015, 1006200021
 ID 25.50, OD 74.00, Thickness 9.00, Gasket w/o



Pkg. 5

135082 Gear Plate

ID 26.00, OD 87.00, Thickness 1.00, No./mount. holes 2



234537 Gear Plate

Replacing: 1000520048
 Servicing: 0001124020, 0001124021, 0001125053, 0001125054, 1006200099, 1006200117, 1006200118, 1006200126, 1006200166, 1006200178

ID 22.65, OD 71.80, Thickness 8.30



Pkg. 10

235136 Gear Plate

Servicing: 0001106012, 0001106014, 0001106016, 0001106017, 0001106022, 0001106023, 0001106024, 0001107011, 0001107019, 0001107039

ID 18.50, OD 70.00, Thickness 7.77



Pkg. 5

235164 Gear Plate

Servicing: 9001336244
 ID 27.30, OD 90.60

Rubbers

Pkg. 3



133478 Rubber Seal

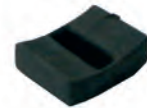
Servicing: 0001124020, 0001124021, 0001125053, 0001125054, 1006200019, 1006200902, 1006200904
 Length 20.00, Thickness 14.00



Pkg. 10

135056 Rubber Seal

Length 25.00, Thickness 14.00



Pkg. 10

139173 Rubber Seal

Length 14.00, Thickness 20.00



Pkg. 10

232853 Rubber Seal

Replacing: 9003332320, 232853
 Servicing: 0001230006, 0001230012, 0001230014, 0001230020, 0001230021, 0001230022, 0001230026, 0001230028, 0001230029, 0001231002
 Length 19.00, Thickness 30.00



Pkg. 10

234887 Rubber Seal

Replacing: 1001012005
 Servicing: 0001115068, 0001115069, 0001120411, 0001121023, 0001147404, 1006200017, 1006200209, 1006200903

Height 20.00 mm. Length 12.00 mm.

Rivets

Pkg. 10


134068 Rivet

Servicing: 1006200006, 1006200021, 1006200902

OD 6.00, OD/collar 12.50, Length 21.30, Height/collar 2.00, Collar w/

Pkg. 10


134069 Rivet

Servicing: 1006200015, 1006200904

OD 5.00, OD/collar 12.00, Length 21.30, Height/collar 2.00, Collar w/

Pkg. 10


135866 Rivet

Servicing: 1006200037

OD 6.00, OD/collar 12.50, Length 16.70, Height/collar 2.00, Collar w/

Pkg. 10


139671# Rivet

Servicing: 0001109001, 0001109002, 0001125001, 0001125011

OD 5.00, OD/collar 12.00, Length 17.90, Height/collar 2.00, Collar w/

Repair Kits

134160 Repair Kit

Various

Pkg. 5


133470 Gear Ring

Replacing: 1000290037

Servicing: 0001108001, 0001108002, 0001108003, 0001108009, 0001108010, 0001108018, 0001108026, 0001108027, 0001108042, 0001108054

ID 50.52, OD 70.00, Height 17.25

Pkg. 25


133471 Gear Ring

Servicing: 0001109014, 0001109021, 0001109022, 0001109036, 0001109040, 0001110003, 0001110016, 0001110017, 0001110026, 0001110029

OD 74.00, Height 11.50

Pkg. 5


135971 Gear Ring

Servicing: 0001107014, 0001107016, 0001107017, 0001107018, 0001107027, 0001107028, 0001107037, 0001107041, 0001107045, 0001107048

ID 50.25, OD 70.00, Height 11.50

231382 Gear Ring

Replacing: 1000290013

Servicing: 0001107031, 0001107037, 0001107048, 0001107049, 0001107070, 0001107071, 0001107072, 0001108157, 0001108169, 0001108190

ID 50.30, OD 69.80

Pkg. 10


231833 Gear Ring

Replacing: 1000290018

Servicing: 0001109014, 0001109018, 0001109025, 0001109026, 0001109030, 0001109033, 0001109036, 0001109041, 0001109045, 0001109048

ID 57.80, OD 74.30, Height 12.80

Pkg. 10


234227 Fiber Washer

ID 22.00, OD 35.60, Thickness 1.00, Material Fiber

Pkg. 10


235073 Fiber Washer

Servicing: 0001218162, 0001218165, 0001218166, 0001218172, 0001223001, 0001223002, 0001223003, 0001223005, 0001223007, 0001223013

ID 19.00, OD 27.00, Thickness 1.00, Material Fiber

Pkg. 10



235074 Fiber Washer

Servicing: 0001218172, 0001223001, 0001223002, 0001223003, 0001223005, 0001223007, 0001223013, 0001223014, 0001223024

ID 18.00, OD 33.00, Thickness 1.00, Material Fiber

Pkg. 10



235299 Washer

Replacing: 1000101032

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106022, 0001106023, 0001106024, 0001107003

ID 18.10, OD 33.80, Thickness 0.80, Material Metal

Levers



131138 Lever

Replacing: 2001933175, 2001933174, 2001933104

Servicing: 0001358048, 0001358049, 0001358050, 0001358051, 0001358200, 0001358201, 0001358202, 0001359008, 0001359043, 0001359049

Dist. 36.30, ID 8.35, Length 104.70

Pkg. 5



132808 Lever

Replacing: 1001933111, 1001933110, 1001933108, 1001933106

Servicing: 00010DB98E, 0001105205, 0001106001, 0001106002, 0001106004, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016

Dist. 41.40, Length 86.50

Alternative no.: 333537



135327 Lever

Replacing: 1001933103

Servicing: 0001312108, 0001312109, B001335003

Dist. 44.40, Length 96.15



135777 Lever

Manufacturer: Bosch

Replacing: 1001933101

Servicing: 0001208501, 0001208508, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517, 0001208518, 0001208519

Dist. 40.35, Length 92.70



136242 Lever

Manufacturer: Bosch

Replacing: 1001933072

Servicing: 0001311100, 0001311107, 0001311110, 0001311111, 0001311118, 0001311121, 0001311122, 0001311125, 0001311128, 0001311129

Dist. 31.80, ID 6.10, Length 94.60



136298 Lever

Replacing: 1001933104, 1001933100

Servicing: 0001317007, 0001317008, 0001317009, 0001317010, 0001317011, 0001317012, 0001317013, 0001317014, 0001317015, 0001317016

Dist. 36.00, Length 97.30



137617 Lever

Manufacturer: Bosch

Replacing: 2001933149, 2001933148

Servicing: 0001358049, 0001359008, 0001359014, 0001359016, 0001359020, 0001359023, 0001359025, 0001359027, 0001359030, 0001359032

Dist. 37.60, ID 8.20, Length 101.20



139060 Lever

Replacing: 2001933056

Servicing: 0001204102, 0001204103, 0001208044, 0001208049, 0001208051, 0001208052, 0001208053, 0001208054, 0001208055, 0001208100

Dist. 32.00, ID 5.90, Length 88.40



139700 Lever

Manufacturer: Bosch

Replacing: 9003331931, 6033AC4002

Servicing: 0001223500, 0001223501, 0001223502, 0001223503, 0001223504, 0001223505, 0001223506, 0001223507, 0001230001, 0001230002

Dist. 48.65, Length 99.50


139807 Lever

Replacing: 1001933084

Servicing: 0001212204, 0001212205, 0001212206, 0001212207, 0001212208, 0001212209, 0001212210, 0001212211, 0001212212, 0001212213

Dist. 42.55, ID 6.10, Length 89.40


139811 Lever

Replacing: 2001933021

Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012

Dist. 37.90, ID 8.15, Length 109.50


233570 Lever

Manufacturer: Bosch

Replacing: 1001933126

Servicing: 0001106403, 0001106404, 0001106405, 0001106406, 0001106407, 0001106409, 0001106410, 0001107401, 0001107402, 0001107403

Dist. 31.20, Length 81.80


234052[#] Lever

Replacing: 1001933113

Servicing: 0001116001, F002G20149, F002G20170, F002G20544

Dist. 50.15, Length 90.00

Pkg. 5


234890 Lever

Servicing: 0001107030, 0001107075, 0001107079, 0001109034, 0001110132, F000AL0319

Lever w/ support.


333408 Lever

Manufacturer: Bosch

Replacing: 2007010150

Servicing: 0001260004, 0001260025, 0001260026, 0001261003, 0001261004, 0001261005, 0001261006, 0001261013, 0001261023, 0001261025

Dist. 47.00, Length 98.50


333537 Lever

Manufacturer: Bosch

Replacing: 1001933111, 1001933110, 1001933108, 1001933106

Servicing: 0001106011, 0001106014, 0001106016, 0001106023, 0001106024, 0001107003, 0001107004, 0001107005, 0001107006, 0001107007

Dist. 43.80, Length 89.80

Alternative no.: 132808

Lever Parts
Various

Pkg. 5


132226 Pivot Pin

Replacing: 2003429066, 2003429063, 2003429025, 2003429000, 2003421012

Servicing: 0001358048, 0001358049, 0001358200, 0001358201, 0001358202, 0001359016, 0001359049, 0001359072, 0001359073, 0001359075

Total length 40.25, Length/rear collar 36.00, Thread length 10.40, Thread size M8

Pkg. 10


134143[#] Lever Support

ID 36.00, OD 48.85, Thickness 4.00, Material Plastic

Pkg. 10


134616 Lever Support

Replacing: 1000113009

Servicing: 0001147404, 1006209570

Pkg. 5


136283 Lever Support

Servicing: 0001107005, 0001107006, 0001107014, 0001107027, 0001107028, 0001107033, 0001107041, 0001108003, 0001108011, 0001108012

ID 7.40, Length 33.00

Pkg. 5



137791 Lever Support

Replacing: 0001106011, 0001106014, 0001106015, 0001107019, 0001107030, 0001107031, 0001107038, 0001107049, 0001107059, 0001107063
ID 7.20, Length 29.00

Pkg. 5



138221 Lever Support

Replacing: 1001328046
Servicing: 0001106012, 0001106017, 0001106019, 0001106022, 0001106023, 0001106024, 0001107003, 0001107004, 0001107007, 0001107008
ID 7.15, Length 23.90

Pkg. 5



138597 Lever Support

Servicing: 0001108001, 0001108002, 0001108004, 0001108005, 0001108006, 0001108009, 0001108010, 0001108033, 0001208513, 0001208514
ID 6.75, Length 31.00

Pkg. 5



138598 Lever Support

Servicing: 0001208515, 0001208517, 0001208526, 0001208528, 0001208717, 0001218168, 0001218171, 0001218172, 0001218768, 0001218772
ID 7.25, Length 27.80

Pkg. 5



139814 Pivot Pin

Replacing: 2003429071, 2003429069, 2003429065, 2003429064
Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012
Total length 60.00,
Length/rear collar 58.35,
Thread length 15.55, Thread size M8

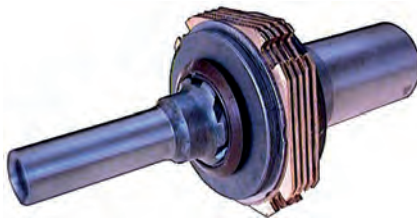
Pkg. 10



233527 Lever Spacer

Servicing: 0001371004, 0001371006, 0001371008, 0001372001, 0001372002, 0001372003, 0001372005, 0001372006, 0001372007, 0001372008
Total length 14.20/28.80,
Thread length 3.10,
Thread size/external 10.50
Lever: HC-CARGO 139811.

Clutches



130317 Clutch

Replacing: 2006401527, 2003162016, 2003162006, 2003162005, 2003162001
Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025
OD 9.70, Total length 166.00,
No./splines 6, Rotation CR
Alternative no.: 333732



130328 Clutch

Replacing: 2009999032, 2006401908, 2006401904, 2006401903
Servicing: 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402008, 0001402018



135375 Clutch

Manufacturer: Remy
Replacing: 2000780133
Servicing: 0001510001, 0001510002, 0001510003, 0001510004, 0001510005, 0001510008, 0001510009, 0001510010, 0001510011, 0001510012
OD 75.75, Total length 176.00
Clutch set: HC-CARGO 235672.



235672 Clutch Kit

Manufacturer: Bosch
Replacing: 2007010044
Servicing: 0001510000, 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018
ID 46.00/47.60, OD 65.40/75.50,
Thickness 0.90/1.40



333407 Clutch

Manufacturer: Bosch
Replacing: 2007010160, 2006209558
Servicing: 0001241003, 0001241014, 0001241119, 0001241128, 0001261003, 0001261004, 0001261005, 0001261006, 0001261012, 0001261013
Total length 130.60, No./splines 19
O.D. clutch: 72.45 mm.


333732 Clutch

Manufacturer: Bosch

 Replacing: 2006401527, 2003162016,
2003162006, 2003162005, 2003162001

OD 65.90, Total length 165.60, Rotation CR

Alternative no.: 130317

Clutch Parts
Various

Pkg. 10


131445 Washer

Replacing: 2000105040

 Servicing: 0001410015, 0001410016, 0001410017,
0001410018, 0001410019, 0001410021,
0001410022, 0001410023, 0001410024, 0001410025

 ID 41.10, OD 57.60, Thickness 0.50
Bosch.

231369 Clutch Housing

 Servicing: 0001410015, 0001410016, 0001410024,
0001410037, 0001410041, 0001410044,
0001410046, 0001410053, 0001410063, 0001410065

Brush Gears

130684 Brush Gear

 Replacing: 1004336049, 1004336034,
1004336028, 1001329900

 Servicing: 0001208172, 0001208200, 0001208201,
0001208202, 0001208203, 0001208204,
0001208205, 0001208206, 0001208208, 0001208209
OD 83.00

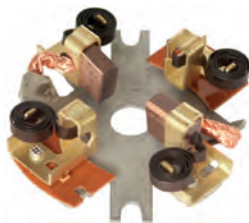
Neg. brushes. Brush set: HC-CARGO BSX984.


130685 Brush Gear

 Replacing: 1004336055, 1004336029,
1004336025

 Servicing: 0001208053, 0001208054,
0001208200, 0001208201, 0001208203,
0001208205, 0001208206, 0001208208,
0001208209, 0001208211

OD 82.80


130688 Brush Gear

 Replacing: 1007010027, 1004336057,
1004336033

 Servicing: 0001207001, 0001207005,
0001207016, 0001207017, 0001207018,
0001207019, 0001208009, 0001208019,
0001208020, 0001208026

OD 82.85

 w/ neg. springs and brushes. Brush set: HC-
CARGO BSX124f4.

131184 Brush Gear

Replacing: 2004336027, 2001329907

 Servicing: 0001362005, 0001362006,
0001362034, 0001362035, 0001362036,
0001362037, 0001362038, 0001362039,
0001362040, 0001362041

OD 86.25

Neg. brushes. Brush set: HC-CARGO BSX974.


131185 Brush Gear

 Replacing: 2009994110, 2004336046,
2004336031

 Servicing: 0001368001, 0001368002,
0001368004, 0001368005, 0001368006,
0001368007, 0001368009, 0001368010,
0001368012, 0001368013

24 V, OD 93.00

 Neg. brushes. Brush set: HC-CARGO BSX135-
1454.

Alternative no.: 333293 , 333635


132303 Brush Gear

 Replacing: 2004336067, 2004336044,
2004336028

 Servicing: 0001367001, 0001367002,
0001367003, 0001367004, 0001367005,
0001367006, 0001367007, 0001367008,
0001367009, 0001367010

12 V, OD 86.25

 Neg. brushes. Brush set: HC-CARGO BSX134-
1444.

132304 Brush Gear

Replacing: 2004336026

 Servicing: 0001363101, 0001363103,
0001363104, 0001363105, 0001363106,
0001363107, 0001363108, 0001363109,
0001363110, 0001363111

OD 86.70

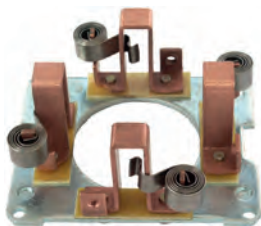
Neg. brushes. Brush set: HC-CARGO BSX1164.



132306 Brush Gear

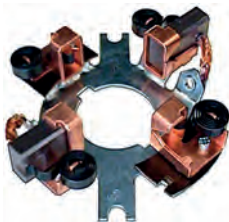
Replacing: 2004336041
 Servicing: 0001362034, 0001362035, 0001362036, 0001362038, 0001362039, 0001362041, 0001362046, 0001362050, 0001362051, 0001362052
 OD 86.75
 Neg. brushes. Brush set: HC-CARGO BSX137-1434.

Alternative no.: 333497



133558 Brush Gear

Replacing: 2004336051
 Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010
 OD 82.75
 Brush set: HC-CARGO BSX1474.



134025 Brush Gear

Manufacturer: Bosch
 Replacing: 2004336021, 2004336010, 2001329901
 Servicing: 0001362001, 0001362002, 0001362003, 0001362004, 0001362005, 0001362006, 0001362007, 0001362008, 0001362009, 0001362010
 OD 89.85
 Neg. brushes. Brush set: HC-CARGO BSX1024.



134092 Brush Gear

Replacing: 2005854136, 2005854084, 2005854053
 Servicing: 0001358200, 0001358201, 0001358202, 0001359001, 0001359002, 0001359003, 0001359008, 0001359010, 0001359012, 0001359013
 12 V, OD 104.20



134093 Brush Gear

Replacing: 2005854901, 2005854081, 2005854052, 2005854046, 2005854041
 Servicing: 0001359012, 0001359062, 0001359065, 0001359100, 0001360002, 0001360004, 0001360005, 0001360007, 0001360008, 0001360010
 24 V, OD 107.70/103.70



134103 Brush Gear

Replacing: 1004336900, 1004336108, 1004336107, 1004336101, 1004336100
 Servicing: 0001312108, 0001312109, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011, 0001317012, 0001317013, 0001317014
 OD 82.50
 Alternative no.: 333638



134104 Brush Gear

Replacing: 1004336901, 1004336102
 Servicing: 0001208506, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517, 0001208518, 0001208519, 0001208520
 OD 82.70
 Alternative no.: 333298



134658 Brush Gear

Replacing: 2004336214, 2004336209, 1004336998, 1004336974, 1004336968, 1004336965, 1004336961, 1004336960
 Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108007, 0001108009, 0001108010, 0001108011, 0001108012, 0001108013
 OD 67.60

Alternative no.: 333296 , 333639



134659 Brush Gear

Replacing: 2004336238, 2004336230, 1004336991, 1004336983, 1004336958, 1004336947, 1004336933, 1004336927
 Servicing: 0001109011, 0001110001, 0001110002, 0001110009, 0001110010, 0001110014, 0001110015, 0001110018, 0001110031, 0001110032
 12 V, OD 72.85

Alternative no.: 333595 , 333640



134660 Brush Gear

Replacing: 2004336234, 1004336999, 1004336997, 1004336994, 1004336984, 1004336981, 1004336976, 1004336959
 Servicing: 0001109015, 0001109021, 0001109022, 0001109034, 0001109041, 0001109042, 0001109046, 0001109052, 0001109055, 0001109061
 OD 66.35

Alternative no.: 333641, 333291


134661 Brush Gear

Replacing: 9003334355, 9003334343, 9003334314

Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011

12 V, OD 85.50

Alternative no.: 333642


134868 Brush Gear

Replacing: F000AL1055, 9000081094, 1004336992, 1004336963, 1004336916, 1004336915, 1004336834, 1004336815

Servicing: 0001112005, 0001112006, 0001112007, 0001112008, 0001112009, 0001112012, 0001112013, 0001112014, 0001112015, 0001112016

OD 67.25

HC-CARGO B134868.

Alternative no.: 333290 , 333643


134901  Brush Gear

Manufacturer: Bosch

Replacing: 2005854087

Servicing: 0001359021, 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364108, 0001364200, 0001364203

Brush set: HC-CARGO BSX1004. Brush spring: HC-CARGO 132224.


135015 Brush Gear

Replacing: 2004336215, 1004336987, 1004336951, 1004336937, 1004336831, 1004336821, 1004336810, 1004336746

Servicing: 0001106014, 0001106016, 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107009, 0001107011

12 V, OD 68.00

Alternative no.: 333287 , 333644


135235 Brush Gear

Replacing: 2004336219, 1004336923, 1004336919, 1004336911, 1004336811, 1004336772, 1004336467, 1004336426

Servicing: ACR, 0001108021, 0001108050, 0001108059, 0001108060, 0001108076, 0001108077, 0001108094, 0001108095, 0001108096

OD 63.90


Alternative no.: 333539 


136418 Brush Gear

Replacing: F000AL1483, 1004336938, 1004336753, 1004336433

Servicing: 0001107010, 0001107013, 0001107015, 0001107038, 0001107044, 0001108200, 0001108201, 0001112019, 0001112032, 0001113006

OD 64.65

Alternative no.: 333294 


136557 Brush Gear

Replacing: 2004336221, 2004336220, 1004336975, 1004336970, 1004336964, 1004336957, 1004336842, 1004336827

Servicing: 0001106011, 0001106014, 0001106015, 0001107009, 0001107012, 0001107014, 0001107015, 0001107016, 0001107017, 0001107018

12 V, OD 68.00

Alternative no.: 333286 , 333645


137137 Brush Gear

Replacing: 2004336064

Servicing: 0001368083, B001816570

OD 93.00

Brush set: HC-CARGO BSX135-1454. Brush springs: HC-CARGO 132223.


137268 Brush Gear

Replacing: F000AL2035, 1004336939

Servicing: 0001112017, B001180054

OD 72.50


137618 Brush Gear

Replacing: 1004336985, 1004336716, 1004336391

Servicing: 0001106018, 0001106019, 0001107037, 0001107048, 0001107056, 0001107072, 0001107096, 0001107100, 0001107101, 0001107108

OD 66.25

Alternative no.: 333302, 233565 



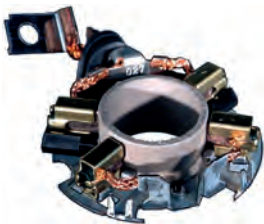
137703 Brush Gear

Replacing: 2004336245, 1004336948, 1004336946, 1004336908, 1004336835, 1004336802, 1004336622, 1004336463

Servicing: 0001110003, 0001110026, 0001110080, 0001110089, 0001110095, 0001110114, 0001110132, 0001115001, 0001125501, 0001125502

12 V, OD 66.45

Alternative no.: 333289



138201 Brush Gear

Replacing: F000AL2034, 1004336969, 1004336940

Servicing: 0001112018, 0001112034, 0001112039, 0001113011, 0001113012, B001180041, B001180055

12 V, OD 72.35

Alternative no.: 333295



138319 Brush Gear

Manufacturer: Bosch

Replacing: 2004336066

Servicing: 0001364300, 0001364301, 0001364400, 0001364402, B001841010, B001841012

OD 85.70

Brush set: HC-CARGO BSX170-1714. Brush spring: HC-CARGO 132223.



138320 Brush Gear

Replacing: 1004336046, 1004336043, 1004336040, 1004336039, 1004336036, 1004336016, 1004336013

Servicing: 0001311047, 0001311050, 0001311051, 0001311052, 0001311053, 0001311054, 0001311055, 0001311101, 0001311102, 0001311103

OD 85.55

w/ springs and neg. brushes. Brush set: HC-CARGO BSX1064.



138326 Brush Gear

Replacing: 1004336986, 1004336973, 1004336971, 1004336944, 1004336922, 1004336832, 1004336823, 1004336436

Servicing: 0001108051, 0001108052, 0001108074, 0001108123, 0001108125, 0001108130, 0001108138, 0001108143, 0001108148, 0001108154

12 V, OD 63.45



138424 Brush Gear

Servicing: ACR, 0001218104, 0001218116, 0001218117, 9000331201, 9000331203

12 V, OD 83.35



138899 Brush Gear

Replacing: F000AL1919, 1004336928, 1004336917, 1004336846, 1004336844, 1004336817

Servicing: 0001112003, 0001112004, 0001112010, 0001112011, 0001112038, 0001112039, 0001113011, 0001113012, 0001114005, 0001114006

12 V, OD 64.90

Brush pos.: HC-CARGO BS175. Brush neg.: HC-CARGO BS176.

Alternative no.: 333301



138900 Brush Gear

Replacing: 2004336241, 1004336996, 1004336881, 1004336836, 1004336829, 1004336778, 1004336472, 1004336445

Servicing: 0001109014, 0001109018, 0001109025, 0001109028, 0001109030, 0001109033, 0001109036, 0001109040, 0001109043, 0001109045

12 V, OD 67.25

Brush pos.: HC-CARGO BS157. Brush neg.: HC-CARGO BS158.

Alternative no.: 333576 , 333690



138901 Brush Gear

Replacing: 1004336830, 1004336745, 1004336416

Servicing: 0001106022, 0001106023, 0001106024, 0001107070, 0001107071

OD 66.00



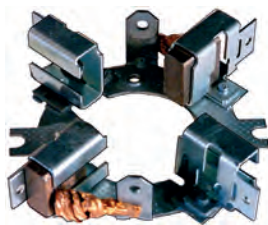
138904 Brush Gear

Replacing: F000AL1918, 1004336993, 1004336843

Servicing: 0001112020, 0001112027, 0001112028, 0001112033, 0001112035, 0001112037, 0001112041, 0001112044, 0001112045, 0001113001

OD 64.75

Alternative no.: 333584


139022 5★ Brush Gear

Manufacturer: Bosch

Replacing: 9001083569, 9001083392, 9001083362

Servicing: 9000083027, 9000083028, 9000083049, 9000083053, 9000083054, 9000083055, 9000083056, 9000083057, 9000083058, 9000083059

OD 81.35

Neg. brushes. Brush set: HC-CARGO 141008.


139144 Brush Gear

Replacing: 1004336816, 1004336300

Servicing: 0001108157, 0001108169, 0001108171, 0001108178, 0001108184, 0001108188, 0001108190, 0001108196, 0001108245

OD 63.85

Alternative no.: 333538 5★

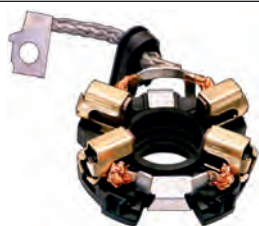

139146 Brush Gear

Replacing: 1004336988, 1004336257

Servicing: 0001109011, 0001109012

OD 66.90

Alternative no.: 333303 5★


139428 Brush Gear

Replacing: 2004336240, 1004336990, 1004336860, 1004336738, 1004336737, 1004336409, 1004336408

Servicing: 0001125001, 0001125002, 0001125007, 0001125008, 0001125009, 0001125010, 0001125012, 0001125013, 0001125016, 0001125017

12 V, OD 67.20

Alternative no.: 333288 5★, 333691


139505 Brush Gear

Replacing: 1004336009

Servicing: 0001208004, 0001208006, 0001208007, 0001208017, 0001208018, 0001208029, 0001208036, 0001208037, 0001208059, 0001208249

OD 78.40

Neg. brushes. Brush set: HC-CARGO BSX1244.


139550 Brush Gear

Replacing: F000AL2051, F000AL2050, 1004336838, 1004336822

Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008, 0001116009

12 V, OD 72.60

Alternative no.: 333297 5★, 333649

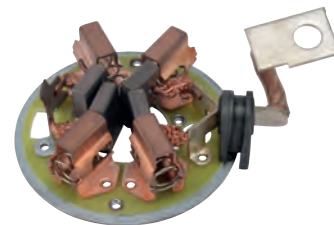

139638 Brush Gear

Replacing: 2004336237, 1004336956, 1004336804, 1004336741, 1004336730, 1004336412, 1004336400

Servicing: 0001109001, 0001109002, 0001109003, 0001109006, 0001109007, 0001109008, 0001109009, 0001109017, 0001109026, 0001109049

OD 64.75

Alternative no.: 333559 5★

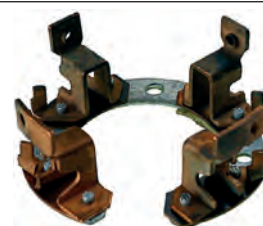

139698 Brush Gear

Replacing: 9003334363, 6033AD4180, 6033AD4161, 6033AD4026, 6033AD0471, 6033AD0380, 6033AD0156, 6033AD0130

Servicing: 0001231002, 0001231003, 0001231006, 0001231010, 0001231011, 0001231012, 0001231014, 0001231016, 0001231017, 0001231032

28 V, OD 90.75

Alternative no.: 333300 5★, 333650


139885 Brush Gear

Replacing: 2004336004, 2004335004

Servicing: 0001402043, 0001402054, 0001402055, 0001402059, 0001402075, 0001402081, 0001402083, AL63/30P11, BNG4/24, BNG4/24CR231

OD 90.00

Brush set: HC-CARGO BSX344. Brush springs: HC-CARGO 134442.


230182 5★ Brush Gear

Manufacturer: Bosch

Replacing: 1004336873, 1004336824, 1004336743, 1004336598, 1004336414

Servicing: 0001115005, 0001115006, 0001115008, 0001115009, 0001115012, 0001115016, 0001115017, 0001115024, 0001115049, 0001115050

OD 68.30

Alternative no.: 333968



230843 Brush Gear

Replacing: 2004336078
 Servicing: 0001371004, 0001371006,
 0001371008, 0001371010, 0001371013,
 0001371015, 0001371016, 0001371018,
 0001371019, 0001371020
 24 V, OD 111.00

Alternative no.: 333299 , 333652



231084 Brush Gear

Replacing: 2004336087, 2004336085
 Servicing: 0001372001, 0001372004,
 0001372006, 0AA137200B, 0AA137200F,
 0AA137200G, B001960018
 24 V, OD 96.59
w/ springs and neg brushes. Brush set: HC-CARGO BSX170-1714.



231648 Brush Gear

Replacing: 6033AD1250, 6033AD1246,
 6033AD1244, 6033AD0401, 6033AD0368,
 6033AD0159, 6033AD0014
 Servicing: 0001223001, 0001223003,
 0001223005, 0001223007, 0001223010,
 0001223011, 0001223012, 0001223013,
 0001223014, 0001223016
 12 V, OD 86.00
Spring: HC-CARGO 135004.



232183 Brush Gear

Manufacturer: Bosch
 Replacing: 2004336226, 1004336989,
 1004336833, 1004336717, 1004336444,
 1004336392
 Servicing: 0001107047, 0001107077,
 0001107098
 OD 68.40
 Alternative no.: 333969



232700 Brush Gear

Manufacturer: Bosch
 Replacing: 1104336702, 1004336866,
 1004336718, 1004336711, 1004336703,
 1004336702, 1004336608, 1004336542
 Servicing: 0001107401, 0001107402,
 0001107403, 0001107404, 0001107405,
 0001107406, 0001107407, 0001107408,
 0001107409, 0001107410
 OD 56.55
 Alternative no.: 333967



233565 Brush Gear

Manufacturer: Bosch
 Replacing: 2004336212, 1004336853,
 1004336368
 Servicing: 0001106012, 0001106017,
 0001106022, 0001106023, 0001106024,
 B001109104
 OD 68.35
 Alternative no.: 137618



234118 Brush Gear

Manufacturer: Bosch
 Replacing: 2004336077
 Servicing: 0001371005, 0001371007,
 0001371009, 0001371012, 0001371014,
 0001371017
 OD 110.50



234475 Brush Gear

Replacing: 2004336217, 1004336980,
 1004336762, 1004336740, 1004336439,
 1004336434, 1004336423, 1004336411
 Servicing: 0001107031, 0001107032,
 0001108004, 0001108019, 0001108020,
 0001108025, 0001108026, 0001108027,
 0001108053, 0001108063
 OD 68.50

Alternative no.: 333285



234788 Brush Gear

Manufacturer: Bosch
 Replacing: 2004336086
 Servicing: 0001372002, 0001372003,
 0001372005, 0001372007, 0001372008,
 B001860021, B001860023
 OD 85.75
w/ springs and neg. brush. Brush set: HC-CARGO BSX170-1714. Brush spring: HC-CARGO 231709.


234896 5★ Brush Gear

Manufacturer: Bosch

Replacing: 1004336878, 1004336750, 1004336619, 1004336549

Servicing: 0001125008, 0001125021, 0001125022, 0001125031, 0001125032, 0001125042, 0001125043, 0001125046, 0001125047, 0001125051

12 V, OD 63.00

Alternative no.: 333655


234947 Brush Gear

Replacing: 9003334368, 6033AD3328, 6033AD3023, 6033AD3022, 6033AD0374, 6033AD0370, 6033AD0166

Servicing: 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010, 0001230011

12 V, OD 90.90

Alternative no.: 333574 5★


235024 Brush Box

Replacing: 1004336699

Servicing: 0001139017, 0001139018, 0001139019, 0001139020

12 V, OD 72.70

Start & Stop.


235072 Brush Gear

Replacing: 1004337006

Servicing: 0001153001, 0001153002, 0001153007, 0001153008, 0001153009, 0001153010, 0001153015, 0001153016

12 V, OD 69.20

Start & Stop.


235090 Brush Gear

Replacing: 1004337042, 1004337029, 1004337013

Servicing: 0001148003, 0001148004, 0001148009, 0001148010, 0001148015, 0001148016, 0001148023, 0001148024

12 V, OD 69.20

Start & Stop.


235091 Brush Box

Replacing: 1004337019

Servicing: 0001139041, 0001139042, 0001139073, 0001139074

12 V, OD 72.70

Start & Stop.


235281 5★ Brush Box

Manufacturer: Bosch

Replacing: F000AL1921, 1004336861

Servicing: 0001116008

12 V


235401 Brush Box

Replacing: 1004336899, 1004336890, 1004336876, 1004336798, 1004336754, 1004336678, 1004336677, 1004336667

Servicing: 0001107476, 0001107477, 0001115008, 0001115021, 0001115025, 0001115040, 0001115041, 0001115045, 0001115046, 0001115048

12 V, OD 69.25

Alternative no.: 333304 5★


235406 5★ Brush Box

Manufacturer: Bosch

Replacing: 1004336626, 1004336625, 1004336570

12 V, OD 73.60

Alternative no.: 335176


235459 Brush Gear

Replacing: 1004336886, 1004336708, 1004336531

Servicing: 0001108401, 0001108403, F002G20670, F004A94004

12 V, OD 56.50


235529 Brush Box

Replacing: 1004336669, 0011516314

 Servicing: 0001115074, 0001115075, 0001115077
OD 68.80

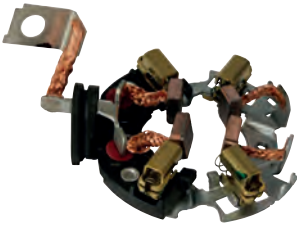


235531 Brush Gear

Replacing: 1004336896, 1004336879, 1004336655, 1004336519, 1004336506

Servicing: 0001106403, 0001106404, 0001106405, 0001106406, 0001106407, 0001106409, 0001106410, 0001120400, 0001120401, 0001120402
OD 56.50

Alternative no.: 333292



235724 Brush Gear

Manufacturer: Bosch

Replacing: F000AL1483, F000AL1326, 1004336967, 1004336953, 1004336952

Servicing: 0001112008, 0001112015, 0001112019, 0001112032, 0001112035, 0001113006, 0001114020, 0001114021, 0001114022, B001180044
12 V, OD 73.80



235741 Brush Gear

Manufacturer: Bosch

Replacing: 1004336784, 1004336574

Servicing: 0001109064, 0001109065, 0001109250, 0001109264, 0001109300, 0001109301, 0001109304, 0001109305, 0001109310, 0001109311
12 V, OD 71.10

Alternative no.: 333657



235742 Brush Gear

Manufacturer: Bosch

Replacing: 1007010135, 1007010124

Servicing: 0001124011, 0001124012, 0001124013, 0001124014, 0001124022, 0001124023



235745 Brush Gear

Manufacturer: Bosch

Replacing: 6033AD5320, 6033AD5316, 6033AD4194

Servicing: 0001231004, 0001231005, 0001231006, 0001231007, 0001231008, 0001231009, 0001231012, 0001231013, 0001231019, 0001231023
24 V, OD 90.85

Alternative no.: 333658



235832 Brush Box

Replacing: 1004336785, 1004336707, 1004336656, 1004336631, 1004336576, 1004336530

Servicing: 0001108400, 0001108411, 0001108412, 0001108444, 0001122400, 0001122401, 0001122402, 0001122403
OD 64.00

Alternative no.: 333566



235883 Brush Gear

Replacing: 6033AD1252, 6033AD0407, 6033AD0221

Servicing: 0001218728, 0001218772, 0001218774, 0001223001, 0001223002, 0001223003, 0001223005, 0001223006, 0001223024, 0001223504

12 V, OD 85.90



236867 Brush Gear

Manufacturer: Bosch

Replacing: 1004337140, 1004336769, 1004336704, 1004336565, 1004336527

Servicing: 0001108402, 0001108405, 0001108406, 0001108420, 0001108421, 0001108450, 0001108451, 0001108456, 0001108457

12 V, OD 63.00



237366 Brush Gear

Manufacturer: Bosch

Replacing: 1004336888, 1004336770, 1004336727, 1004336712, 1004336536

Servicing: 0001108157, 0001108190, 0001108202, 0001108204, 0001108208, 0001108209, 0001108211, 0001108212, 0001108213, 0001108214
12 V, OD 56.15

Alternative no.: 333659



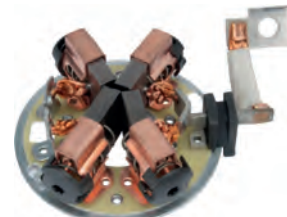
237670 Brush Gear

Manufacturer: Bosch

Replacing: 1004336894, 1004336518

Servicing: 0001105205, 0001109068, 0001109202, 0001109203, 0001109205, 0001109250, 0001109302, 0001109303, 0001109305, 0001109324
12 V

Alternative no.: 333970



239116 Brush Gear

Manufacturer: Bosch

Replacing: 6033AD6098, 2004336091

Servicing: 0001330008

24 V, OD 105.80

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239781* Brush Gear

Replacing: 1004336791, 1004336583

Servicing: 0001107434, 0001107440, 0001107441, 0001107448, 0001107449
12 V, OD 62.00

Alternative no.: 333499


330495 5★ Brush Gear

Manufacturer: Bosch

Replacing: 1004336674, 1004336645, 1004336609

Servicing: 0001138001, 0001138002, 0001138011, 0001138012, 0001138029, 0001138030, 0001138037, 0001138038, 0001138039, 0001138040

12 V, OD 66.90


330531 Brush Gear

Replacing: 1004336783, 1004336628, 1004336597

Servicing: 0001109066, 0001109067

12 V, OD 71.01


331821 Brush Gear

Replacing: 1004336806

Servicing: 0001108125, 0001108130, 0001108138, 0001108162, 0001108166, 0001108167, 0001108173, 0001108176, 0001108183, 0001108189

12 V, OD 69.40


331995 Brush Gear

Replacing: 1004336649, 1004336612

Servicing: 0001139001, 0001139002, 0001139005, 0001139006, 0001139011, 0001139012, 0001139013, 0001139014, 0001139015, 0001139016

12 V, OD 72.00


332070 5★ Brush Gear

Manufacturer: Bosch

Replacing: 1004336897, 1004336758, 1004336650, 1004336557

Servicing: 0001108404, 0001109030, 0001115021, 0001115025, 0001115042, 0001123004, 0001123005, 0001123012, 0001123013, 0001123014

12 V, OD 67.00

Alternative no.: 333660


332071 Brush Gear

Replacing: 1004336639, 1004336630

Servicing: 0001107474, 0001109069, 0001109070

12 V, OD 70.00


332155 5★ Brush Gear

Manufacturer: Bosch

Replacing: 1004338157, 1004336603, 1004336581

Servicing: 0001109267, 0001109306, 0001109307, 0001109321, 0001109322, 0001109336, 0001109337, 0001109342, 0001109343, 0001109355

12 V, OD 71.30

Alternative no.: 335221


333093 5★ Brush Box

Manufacturer: Bosch

Replacing: 1004336577

Servicing: 0001107107

OD 67.00


333123 Brush Box

Replacing: 1004336759, 1004336700, 1004336653, 1004336558, 1004336523

Servicing: 0001123017, 0001123036, 0001123037, 0001123044, 0001123045

OD 69.25

Alternative no.: 333552 5★


333124 Brush Box

Replacing: 1004337012

Servicing: 0001142001, 0001142002, 0399703051, 0399703052

OD 68.65


333285 5★ Brush Gear

Manufacturer: Bosch

Replacing: 2004336217, 1004336980, 1004336762, 1004336740, 1004336439, 1004336434, 1004336423, 1004336411

Servicing: 0001107031, 0001108128, 0001108138, 0001108166, 0001108167, 0001108173, 0001108176, 0001108189, F000AL0126, F010AL0103

OD 68.50

Alternative no.: 234475


333286 5★ Brush Box

Manufacturer: Bosch

Replacing: 2004336221, 1004336975, 1004336970, 1004336964, 1004336957, 1004336842, 1004336827, 1004336820

Servicing: 0001106014, 0001107009, 0001107014, 0001107015, 0001107016, 0001107017, 0001107018, 0001107019, 0001107025, 0001107026

OD 68.00

Alternative no.: 136557, 333645



333287 5★ Brush Box

Manufacturer: Bosch

Replacing: 2004336215, 1004336987, 1004336951, 1004336937, 1004336831, 1004336821, 1004336810, 1004336746

Servicing: 0001106016, 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107011, 0001107012, 0001107013

12 V, OD 68.00

Alternative no.: 135015, 333644



333288 5★ Brush Box

Manufacturer: Bosch

Replacing: 2004336240, 1004336990, 1004336860, 1004336738, 1004336737, 1004336409, 1004336408

Servicing: 0001125001, 0001125002, 0001125007

12 V, OD 67.20

Alternative no.: 139428, 333691



333289 5★ Brush Box

Manufacturer: Bosch

Replacing: 2004336245, 1004336948, 1004336946, 1004336908, 1004336835, 1004336802, 1004336463, 1004336456

12 V, OD 66.45

Alternative no.: 137703



333290 5★ Brush Box

Manufacturer: Bosch

Replacing: F000AL1055, 1004336963, 1004336939, 1004336916, 1004336915, 1004336834, 1004336815, 1004336302

Servicing: 0001112027, 0001112028, 0001112044, 0001112045, 0001113010, 0001113013, 0001113014, 0001113017

OD 67.25

Alternative no.: 134868, 333643



333291 5★ Brush Box

Manufacturer: Bosch

Replacing: 2004336234, 1004336999, 1004336997, 1004336994, 1004336984, 1004336981, 1004336976, 1004336959

Servicing: 0001109015, 0001109021, 0001109022, 0001109034, 0001109041, 0001109052, 0001109055, 0001109062, 0001109068, 0001109252

OD 66.35

Alternative no.: 134660, 333641



333292 5★ Brush Box

Manufacturer: Bosch

Replacing: 1004336896, 1004336879, 1004336655, 1004336637, 1004336519, 1004336506

Servicing: 0001106405, 0001106406, 0001120400, 0001120401, 0001120402, 0001120407, 0001120408, 0001120410, 0001120411, 0001121408

12 V, OD 64.94

Alternative no.: 235531



333293 5★ Brush Gear

Manufacturer: Bosch

Replacing: 2009994110, 2004336046, 2004336031

Servicing: 0001364301, 0001368001, 0001368007, 0001368010, 0001368016, 0001368017, 0001368019, 0001368020, 0001368024, 0001368030

OD 86.25

w/ neg. brushes. Brush set: HC-CARGO BSX135-1454.

Alternative no.: 131185, 333635



333294 5★ Brush Box

Manufacturer: Bosch

Replacing: F000AL1483, F000AL1326, 1004336967, 1004336938, 1004336865, 1004336753, 1004336433

Servicing: 0001112007, 0001112008, 0001112015, 0001112035, 0001112041, 0001113004

OD 64.65

Alternative no.: 136418



333295 5★ Brush Box

Manufacturer: Bosch

Replacing: F000AL2034, 1004336969, 1004336940

12 V, OD 72.35

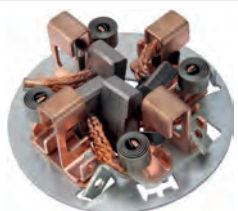
Alternative no.: 138201



333296 Brush Box
 Manufacturer: Bosch
 Replacing: 2004336214, 2004336209, 1004336998, 1004336974, 1004336968, 1004336965, 1004336961, 1004336960
 Servicing: 0001107073, 0001107074
 OD 67.60
 Alternative no.: 134658, 333639



333297 Brush Box
 Manufacturer: Bosch
 Replacing: F000AL2051, F000AL2050, 1004336838, 1004336822
 Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008
 OD 72.60
 Alternative no.: 139550, 333649



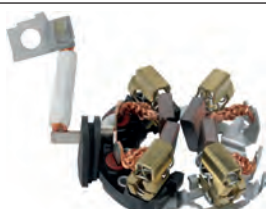
333299 Brush Box
 Manufacturer: Bosch
 Replacing: 2004336078
 Servicing: 0001371004, 0001371006, 0001371008
 OD 111.00
 Alternative no.: 230843, 333652



333300 Brush Box
 Manufacturer: Bosch
 Replacing: 9003334363, 6033AD4180, 6033AD4161, 6033AD4026, 6033AD0471, 6033AD0380, 6033AD0156, 6033AD0130
 Servicing: 0001231002, 0001231011, 0001231014, 0001231016, 0001231017, 0001231032, 0001231033, 0001231045, 0001263049
 28 V, OD 90.75
 Alternative no.: 139698, 333650



333301 Brush Box
 Manufacturer: Bosch
 Replacing: F000AL1919, 1004336928, 1004336917, 1004336846, 1004336844, 1004336817
 12 V, OD 64.90
 Brush pos.: HC-CARGO BS175. Brush neg.: HC-CARGO BS176.
 Alternative no.: 138899



333303 Brush Box
 Manufacturer: Bosch
 Replacing: 1004336988, 1004336257
 OD 66.90
 Alternative no.: 139146



333304 Brush Box
 Manufacturer: Bosch
 Replacing: 1004336899, 1004336890, 1004336876, 1004336798, 1004336678, 1004336591, 1004336584, 1004336522
 12 V, OD 69.25
 Alternative no.: 235401



333305 Brush Box
 Manufacturer: Bosch
 Replacing: 2004336233, 1004336848, 1004336460, 1004336361
 Servicing: 0001109035
 12 V, OD 72.50
 Alternative no.: 335222



333306 Brush Box
 Manufacturer: Bosch
 Replacing: 2004336235, 1004336729, 1004336422, 1004336409
 Servicing: 0001110132, F000AL0108
 12 V, OD 72.33



333307 Brush Box
 Manufacturer: Bosch
 Replacing: 1004336885, 1004336752, 1004336621, 1004336605, 1004336551
 Servicing: 0001110133, 0001110134, 0001125003, 0001125004, 0001125035, 0001125036, 0001125039, 0001125040, 0001125048, 0001125049
 OD 74.20
 Alternative no.: 333971



333356 Brush Gear
 Replacing: 1004336695
 Servicing: 0001136002, 0001136003, 0001137001, 0001137002, 0001137003, 0001137004, 0001137005, 0001137006, 0001137011, 0001137012
 12 V, OD 73.00



333414 Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336618, 1004336599
 Servicing: 0001109105, 0001109205, 0001109260, 0001109261, 0001109304, 0001109319, 0001109320, 0001109324, 0001109328, 0001109329
 12 V, OD 73.75



333415 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336615
 Servicing: 0001108415, 0001108416,
 0001108428, 0001108429, 0001108445,
 0001108446, F000AL0901
 OD 53.00



333425 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336677, 1004336553
 Servicing: 0001115078, 0001115079
 OD 67.10



333497 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 2004336041
 Servicing: 0001362310
 12 V, OD 97.50
 Alternative no.: 132306



333499 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336583
 Servicing: 0001107433, 0001107434, 0001107441,
 0001107514, 0001107529, 0001107530,
 0001107531, 9001107434, F004A94434, F004A94441
 12 V, OD 66.00
 Alternative no.: 239781



333536 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336757, 1004336623, 1004336556
 Servicing: 0001125025, 0001125600
 OD 74.00
 Alternative no.: 333607



333538 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 2004336222, 1004336816, 1004336300
 Servicing: 0001108184, 0001108188
 OD 63.29
 Alternative no.: 139144



333539 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 2004336219, 2004336210,
 1004336923, 1004336919, 1004336911,
 1004336811, 1004336772, 1004336467
 Servicing: ACR, 0001108021, 0001108099,
 0001108147, 0001108190, 0001111001,
 0001111005, B001111052
 OD 67.20
 Alternative no.: 135235



333552 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336759, 1004336700,
 1004336653, 1004336558, 1004336523
 Servicing: 0001123044, 0001123045
 OD 69.25
 Alternative no.: 333123



333559 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 2004336237, 1004336956,
 1004336848, 1004336804, 1004336741,
 1004336730, 1004336412, 1004336400
 Servicing: 0001109009, 0001109017, 0001109026,
 0001109049, 0001110100, 0001110101
 OD 64.75
 Alternative no.: 139638



333566 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336785, 1004336707,
 1004336656, 1004336631, 1004336576, 1004336530
 Servicing: 0001108400, 0001108411,
 0001108412, 0001108444
 OD 66.40
 Alternative no.: 235832



333567 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336762, 1004336439
 Servicing: 0001108183
 OD 63.25
 Alternative no.: 333614



333574 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 9003334368, 6033AD3328,
 6033AD3023, 6033AD3022, 6033AD0374,
 6033AD0370, 6033AD0166
 OD 90.40
 Alternative no.: 234947


333576 5★ Brush Gear

Manufacturer: Bosch

Replacing: 2004336241, 1004336996, 1004336881, 1004336836, 1004336829, 1004336778, 1004336730, 1004336472

Servicing: 0001109018, 0001109025, 0001109031, 0001109043, 0001109045, 0001109056, 0001109201, 0001109363, 0001109419, 0001109420

12 V, OD 67.25

Alternative no.: 138900, 333690


333584 5★ Brush Gear

Manufacturer: Bosch

Replacing: F000AL1918, 1004336993, 1004336843

OD 67.35

Alternative no.: 138904


333595 5★ Brush Box

Manufacturer: Bosch

Replacing: 2004336238, 2004336230, 1004336991, 1004336983, 1004336958, 1004336947, 1004336933, 1004336927

Servicing: 0001110001, 0001110002, 0001110009, 0001110010, 0001110014, 0001110015, 0001110031, 0001110032, 0001110059, 0001110061

OD 67.00

Alternative no.: 134659, 333640


333642 Brush Gear

Replacing: 9003334355, 9003334343, 9003334314, 1004336218

Servicing: 0001109344, 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218008, 0001218009, 0001218010, 0001218011

12 V, OD 85.50

Alternative no.: 134661

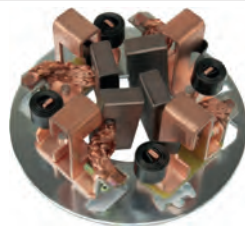

333643 Brush Gear

Replacing: F000AL1055, 1004336963, 1004336939, 1004336916, 1004336915, 1004336834, 1004336815, 1004336302

Servicing: 0001112005, 0001112006, 0001112007, 0001112008, 0001112009, 0001112012, 0001112013, 0001112014, 0001112015, 0001112016

OD 67.25

Alternative no.: 134868, 333290 5★


333652 Brush Gear

Replacing: 2004336078

 Servicing: 0001371004, 0001371006, 0001371008
 24 V, OD 111.00

Alternative no.: 230843, 333299 5★


333655 Brush Gear

Replacing: 1004336878, 1004336750, 1004336619, 1004336549

Servicing: 0001125021, 0001125022, 0001125031, 0001125032, 0001125042, 0001125043, 0001125046, 0001125047, 0001125051, 0001125052

12 V, OD 63.00

Alternative no.: 234896 5★


333657 Brush Gear

Replacing: 1004336784, 1004336574

Servicing: 0001109250, 0001109264, 0001109304, 0001109305, 0001109328, 0001109329, 0001109391, 0001109392

12 V, OD 71.10

Alternative no.: 235741 5★


333658 Brush Gear

Replacing: 6033AD5320, 6033AD5316, 6033AD4194

Servicing: 0001231008, 0001231012, 0001231013, 0001231019, 0001231029, 0001231030, 0001231040, 0001231041, 0001241128

24 V, OD 90.85

Alternative no.: 235745 5★


333659 Brush Gear

Replacing: 1004336888, 1004336727, 1004336712, 1004336536

Servicing: 0001108190, 0001108202, 0001108204, 0001108213, 0001108214, 0001108217, 0001108218, 0001108222, 0001108223, 0001108224

12 V, OD 56.15

Alternative no.: 237366 5★



333690 Brush Gear
 Replacing: 2004336241, 1004336996, 1004336881, 1004336836, 1004336829, 1004336778, 1004336472, 1004336445
 Servicing: 0001109018, 0001109025, 0001109030, 0001109033, 0001109040, 0001109045, 0001109048, 0001109201
 12 V, OD 71.50
 Alternative no.: 138900, 333576

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333923 Brush Gear
 Replacing: 1004336796, 1004336588
 Servicing: 0001115035



333967 Brush Gear
 Replacing: 1104336702, 1004336866, 1004336718, 1004336703, 1004336702, 1004336608, 1004336542, 1004336526
 Servicing: 0001107401, 0001107407, 0001107408, 0001107409, 0001107417, 0001107418, 0001107425, 0001107426, 0001107427, 0001107428
 12 V, OD 64.00
 Alternative no.: 232700

NEW PRODUCT
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333968* Brush Gear
 Replacing: 1004336873, 1004336824, 1004336743, 1004336598, 1004336414
 Servicing: 0001115005, 0001115008, 0001115012, 0001115020, 0001115024
 Alternative no.: 230182

NEW PRODUCT
www.hc-cargo.com

333969* Brush Gear
 Replacing: 2004336226, 1004336989, 1004336833, 1004336717, 1004336444, 1004336392
 Servicing: 0001107047, 0001107077, 0001107098
 Alternative no.: 232183



333970 Brush Gear
 Replacing: 1004336894, 1004336518
 Servicing: 0001105205, 0001109205, 0001109302, 0001109303, 0001109324
 12 V, OD 74.00
 Alternative no.: 237670



333971 Brush Box
 Replacing: 1004336885, 1004336752, 1004336621, 1004336605, 1004336551
 Servicing: 0001110086, 0001110087, 0001110118, 0001110119, 0001110133, 0001110134, 0001124001, 0001124002, 0001124005, 0001124006
 12 V, OD 73.00
 Alternative no.: 333307



333983 Brush Gear
 Manufacturer: Bosch
 Replacing: 2004336244, 1004336465, 1004336405, 1004336404
 Servicing: 0001110106, 0001110107
 OD 71.10



335176 Brush Box
 Replacing: 1004336626, 1004336625, 1004336570
 12 V, OD 73.60
 Alternative no.: 235406

NEW PRODUCT
www.hc-cargo.com

335205* Brush Gear
 Replacing: 1004336978, 1004336766, 1004336562, 1004336504
 Servicing: 0001107112, 0001108147, 0001121018, 0001121019, 0001121024, 0001121025, 0001121026, 0001121027, 0001121028, 0001121029
 12 V

NEW PRODUCT
www.hc-cargo.com

335206* Brush Gear
 Replacing: 1004336789, 1004336607, 1004336580
 Servicing: 0001107406, 0001107438, 0001107439, 0001107459, 0001107460
 12 V

NEW PRODUCT
www.hc-cargo.com

335207* Brush Gear
 Replacing: 1004336768, 1004336633, 1004336564
 Servicing: 0001108403, 0001108404, 0001108409, 0001108410, 0001108441, 0001108442
 12 V

NEW PRODUCT
www.hc-cargo.com

335208* Brush Gear
 Replacing: 1004337173, 1004336658
 Servicing: 0001122201, 0001122202
 24 V

NEW PRODUCT
www.hc-cargo.com

335211* Brush Gear
 Replacing: 2004336216, 1004336747,
 1004336418
 Servicing: 0001108174, 0001108175,
 0001108197, 0001108220, 0001108221

NEW PRODUCT
www.hc-cargo.com

335212* Brush Gear
 Replacing: 1004338159, 1004336586,
 1004336582
 Servicing: 00010DB98E, 0001109263,
 0001109265, 0001109271, 0001109272,
 0001109273, 0001109274, 0001109284,
 0001109285, 0001109344

NEW PRODUCT
www.hc-cargo.com

335213* Brush Gear
 Replacing: 1004336898, 1004336773,
 1004336568
 Servicing: 0001108203

NEW PRODUCT
www.hc-cargo.com

335222 Brush Box
 Replacing: 2004336233, 1004336848,
 1004336460, 1004336361
 Servicing: 0001109035
 OD 72.50
 Alternative no.: 333305

Brush Gear Parts

Brush Holders

Pkg. 10



133553 Brush Gear
 Servicing: 0001108001, 0001108002,
 0001108003, 0001108004, 0001108005,
 0001108006, 0001108009, 0001108010,
 0001108011, 0001108012

Pkg. 10



133555 Brush Holders
 Servicing: 0001109001, 0001109002,
 0001109014, 0001109015, 0001109018,
 0001109021, 0001109022, 0001109025,
 0001109026, 0001109030
 OD 11.20

Pkg. 10



134530 Brush Gear
 Servicing: 0001312108, 0001312109,
 0001317007, 0001317008, 0001317009,
 0001317010, 0001317011, 0001317012,
 0001317013, 0001317016

Pkg. 10



134531 Brush Gear
 Servicing: 0001208506, 0001208510,
 0001208513, 0001208514, 0001208515,
 0001208516, 0001208517, 0001208518,
 0001208519, 0001208520

Pkg. 10



134702 Brush Gear
 Servicing: 0001218003, 0001218004,
 0001218005, 0001218006, 0001218008,
 0001218011, 0001218012, 0001218013,
 0001218014, 0001218016

Pkg. 10



135496 Brush Gear
 Servicing: 0001106011, 0001106012,
 0001106014, 0001106015, 0001106016,
 0001106017, 0001106018, 0001106019,
 0001106022, 0001106023

Pkg. 10



135563 Brush Gear
 Servicing: ACR, 0001218116, 0001218117,
 0001218151, 0001218164, 0001218172,
 9000331201, 9000331203

Pkg. 10



238580 Brush Gear

Replacing: 1009994029
 Servicing: 0001106405, 0001106406, 0001107061, 0001107401, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107408
 OD 5.10

Brush Springs

Pkg. 10



131499 Brush Spring

Replacing: 2004652006
 Servicing: 0001402055, 0001402081, 0001402083, 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410022, 0001410023
 Length 32.00

Pkg. 10



132223 Brush Spring

Replacing: 2004616007
 Servicing: 0001218127, 0001364301, 0001367001, 0001367002, 0001367004, 0001367005, 0001367006, 0001367008, 0001367009, 0001367010
 OD 12.00, Length 24.00

Pkg. 10



132224 Brush Spring

Replacing: 2004652039, 2004652038, 2004652036
 Servicing: 0001358200, 0001358201, 0001358202, 0001359002, 0001359003, 0001359004, 0001359008, 0001359010, 0001359012, 0001359013
 Length 32.00

Pkg. 10



132576 Brush Spring

Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108005, 0001108006, 0001108009, 0001108010, 0001108011, 0001108012
 OD 8.45, Length 17.00

Pkg. 10



133556 Brush Spring

Replacing: 2004618004
 Servicing: 0001362005, 0001362006, 0001362034, 0001362035, 0001362036, 0001362038, 0001362039, 0001362040, 0001362041, 0001362042
 OD 10.30, Length 27.50

Pkg. 10



133557 Brush Spring

Servicing: 0001124020, 0001124021, 0001125016, 0001125017, 0001125019, 0001125519, 0001125520, 2004618004
 OD 9.50, Length 20.00

Pkg. 10



134442 Brush Spring

Replacing: 2004652034, 1004652007
 Servicing: 0001311047, 0001311050, 0001311051, 0001311052, 0001311053, 0001311054, 0001311055, 0001311056, 0001311100, 0001311101
 Length 29.85

Pkg. 10



134548 Brush Spring

Replacing: 1004611006
 Servicing: 0001138001, 0001138002, 0001211514, 0001312108, 0001312109, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011
 OD 8.20, Length 32.50

Pkg. 10



134937 Brush Spring

Replacing: 1004611007
 Servicing: 0001208501, 0001208506, 0001208507, 0001208508, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517
 OD 8.30, Length 26.40

Pkg. 10



135004 Brush Spring

Replacing: 1004615001
 Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011
 OD 11.50, Length 32.00

Pkg. 10



135299 Brush Spring

Servicing: 0001106014, 0001106018, 0001106019, 0001106023, 0001107076, 0001107080, 0001107088, 0001107091, 0001107402, 0001107406
 OD 6.30, Length 17.30

Pkg. 10


135460 Brush Spring

Replacing: 2004652010

 Servicing: 0001208202, 0001208229,
0001311112, 0001311145, 0001357002,
0001357003, 0001362001, 0001362002,
0001362003, 0001362004

OD 15.00, Length 26.70

Pkg. 4


136694 Brush Spring

Replacing: 2004652004

 Servicing: 0001370002, 0001370003,
0001370004, 0001371004, 0001371005,
0001371006, 0001371007, 0001371008,
0001371009, 0001371010

OD 16.75, Length 32.90

Pkg. 10


139119 Brush Spring

 Replacing: 2004652015, 1004652005,
1004652002

 Servicing: 0001204102, 0001207001,
0001207003, 0001207005, 0001207009,
0001207010, 0001207014, 0001207015,
0001207016, 0001207017

OD 14.70, Length 24.30

Pkg. 10


139302 Brush Spring

Replacing: 2004652001, 2004452001

 Servicing: 0001358035, 0001358040,
0001358048, B001804003

Length 36.00

Pkg. 10


231172 Brush Spring

Replacing: 2004652002

 Servicing: 0001154001, 0001154007,
0001155003, 0001155004, 0001155008,
0001155009, 0001155011, 0001155016,
0001155017, 0001155018

OD 12.50, Length 22.15

Pkg. 10


231709 Spring

Replacing: 2004616009

 Servicing: 0001223504, 0001231004,
0001231005, 0001231007, 0001231008,
0001231009, 0001231012, 0001231016,
0001231019, 0001231040

OD 11.90, Length 30.00

Pkg. 10


232173 Brush Spring

 Servicing: 0001223003, 0001223005,
0001223007, 0001223024, 0001231002,
0001231003, 0001231004, 0001231005,
0001231007, 0001231008

OD 12.30, Length 32.00

Pkg. 10


233726 Brush Spring

Replacing: 1124625003

 Servicing: 0120300510, 0120300511,
0120300512, 0120300513, 0120300514,
0120300515, 0120300516, 0120300517,
0120300518, 0120300519

OD 6.00, Length 34.00

Pkg. 10


234117 Brush Spring

 Servicing: 0001223013, 0001230002,
0001230006, 0001230009, 0001230012,
0001230014

OD 11.80, Length 34.85

Pkg. 10


235818 Spring

Replacing: 1004611030

 Servicing: 0001105205, 0001109009,
0001109064, 0001109065, 0001109066,
0001109067, 0001109069, 0001109070,
0001109204, 0001109205

OD 10.10, Length 21.50

Various

Pkg. 25


133967 Insulator

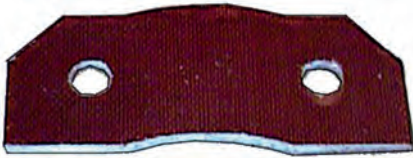
Pkg. 10


134156 Insulator

Servicing: 0001416079

 ID/threaded hole 4.15, Thickness 1.00,
No./mount. holes 2, Gasket w/o

Pkg. 10



134323 Insulator

Servicing: 0120689512

Pkg. 10



134324 Insulator

Servicing: 0001416079

Brush Sets



140918 Brush Set

Replacing: 2137014038

Servicing: 0136352005, 0136355049, 0136355050, 0136355057, 0136355058, 0136355059, 0136355060, 0136355061, 0136355064, 0136355065

24 V, Length 25.50, Lead length 32.00, Height 25.85, Thickness 8.90
1.5/2.5 kW.



141008 Brush Set

Replacing: 9001454592, 9001083592

Servicing: 9000083053, 9000083054, 9000083055, 9000083056, 9000083057, 9000083058, 9000083059, 9000083060, 9000083061, 9000083062

12 V, Length 20.00, Lead length 42.00, Height 22.20, Thickness 10.00



141183 Brush Set

Replacing: 9001083433

Servicing: 9000083027, 9000083028, 9000083056, 9000083065

12 V, Length 23.50, Lead length 38.00, Height 22.00, Thickness 10.00



141184 Brush Set

12 V, Length 13.00, Lead length 23.00, Lead length 2 45.50, Height 16.00, Thickness 4.80



141185 Brush Set

Replacing: 1004320119

12 V, Length 11.50, Lead length 23.00/63.00, Height 11.85, Thickness 4.80



141194 Brush Set

Replacing: 1004320201, 1004320200, 1004320164, 1004320163

Servicing: 0001107094, 0001107095, 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107408

12 V, Length 12.00, Lead length 24.00, Height 10.50/11.20, Thickness 4.60

NEW PRODUCT
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142069 Brush Set

Replacing: 1004320245, 1004320243, 1004320242

Servicing: 0001138001, 0001138002, 0001138011, 0001138012

12 V, Length 12.21, Lead length 25.50, Height 15.85, Thickness 4.44



142086 Brush set

Replacing: 2004320273, 2004320272

Servicing: 0001261001, 0001261002, 0001261007, 0001261008, 0001261012, 0001263002, 0001263010, 0001263012, 0001263014, 0001263047

24 V, Length 18.00, Lead length 34.00, Height 27.80, Thickness 6.50



142320 Brush Set

Manufacturer: Bosch

Replacing: 2007014026, 2004320173

Servicing: 0001208053, 0001208054, 0001208172, 0001208200, 0001208201, 0001208202, 0001208206, 0001208208, 0001208211, 0001208216

12-28 V, Length 18.00, Lead length 29.00, Height 10.00, Thickness 7.00

Alternative no.: BSX754



142324 Brush Set

Manufacturer: Bosch

Replacing: 2007014065

12 V, Length 17.10, Lead length 44.00, Height 15.80, Thickness 8.90

Alternative no.: BSX1394


142325 Brush Set

Manufacturer: Bosch

Replacing: 9003337001, 1007014143, 1007014140

Servicing: 0001109344, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218011, 0001218012

12 V, Length 16.94, Lead length 23.00, Height 17.90, Thickness 7.50

Alternative no.: BSX151S4, 142334


142326 Brush Set

Manufacturer: Bosch

Replacing: 2007014063

24 V, Length 16.60, Lead length 56.00, Lead length 2 46.80, Height 25.00, Thickness 8.00

Alternative no.: BSX135-1454


142327 Brush Set

Manufacturer: Bosch

Replacing: 2007014079

24 V, Length 19.25, Lead length 33.10, Height 35.80, Thickness 11.87

Alternative no.: BSX172-1734


142328 Brush Set

Manufacturer: Bosch

Replacing: 9001453644, 2007014082

24 V, Length 18.25, Lead length 36.60, Height 35.82, Thickness 8.87

Alternative no.: BSX1774


142332 Brush Set

Replacing: 1004320321, 1004320281, 1004320279, 1004320261, 1004320244

Servicing: 0001139025, 0001139026, 0001139029, 0001139030, 0001139071, 0001139072, 0001139408, 0001139409

12 V, Length 14.20/12.70, Height 18.00, Thickness 5.25


142334 Brush Set

Replacing: 9003337001, 1007014143, 1007014140

Servicing: 0001109344, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218011, 0001218012

12 V, Length 15.50/17.00, Lead length 23.00, Height 18.00, Thickness 7.50

Alternative no.: BSX151S4, 142325


142335 Brush Set

Servicing: 0001109001, 0001109009, 0001109014, 0001109015, 0001109018, 0001109021, 0001109022, 0001109025, 0001109026, 0001109030

12 V, Length 14.40/13.20, Lead length 25.00, Height 17.90, Thickness 5.95

Alternative no.: BSX157-1584


142336 Brush Set

Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108009, 0001108010, 0001108011, 0001108012, 0001108018, 0001108020

12 V, Length 12.10/13.70, Lead length 25.00, Height 16.00, Thickness 5.00

w/ brush bar: Cargo 141184.

Alternative no.: BSX159-1604


142338 Brush Set

Replacing: 1004320158

Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008

12 V, Length 10.50/11.50, Lead length 25.00, Height 8.50, Thickness 5.00

Alternative no.: BSX1964


142339 Brush Set

Replacing: 2007014026, 2004320173

Servicing: 0001208053, 0001208054, 0001208172, 0001208200, 0001208201, 0001208202, 0001208206, 0001208208, 0001208211, 0001208216

12 V, Length 18.00, Lead length 35.00, Height 10.00, Thickness 6.92

Alternative no.: BSX754, 142320


142340 Brush Set

Replacing: 1007014121

12 V, Length 18.20, Lead length 36.00, Height 16.00, Thickness 7.00

Alternative no.: BSX764


BS170 Brush

Replacing: 2004320196, 2004320165

Servicing: 0001372005, B001860023

Length 14.70, Lead length 38.00, Height 24.70, Thickness 9.90

Pkg. 100

Pkg. 100



BS171 Brush

Replacing: 2004320197, 2004320166
 Servicing: 0001372005, B001860023
 Length 14.90, Lead length 56.00,
 Height 24.75, Thickness 9.90



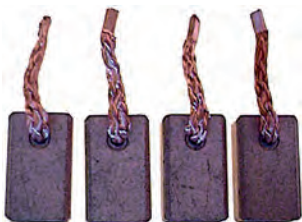
BSX1004 Brush Set

Replacing: 2007014078, 2007014051,
 2007014049, 2007014035, 2007014022
 Servicing: 0001360002, 0001360007, 0001360008,
 0001360009, 0001360010, 0001360012,
 0001360013, 0001360015, 0001360016, 0001360017
 24 V, Length 23.00, Lead length 42.00,
 Height 25.00, Thickness 8.00
 Alternative no.: BS100



BSX1014 Brush Set

Replacing: 2007014040
 Servicing: 0001305010
 12 V, Length 18.00, Lead length 36.00,
 Height 16.00, Thickness 9.00



BSX1024 Brush Set

Replacing: 2007014053, 2007014019
 Servicing: 0001357002, 0001362001,
 0001362002, 0001362003, 0001362004,
 0001362005, 0001362006, 0001362007,
 0001362008, 0001362009
 12 V, Length 25.50, Lead length 36.00,
 Height 15.85, Thickness 9.00
 Alternative no.: BS102



BSX1034 Brush Set

Replacing: 2007014017, 2007014014
 Servicing: 0001510001, 0001510002, 0001510003,
 0001510004, 0001510005, 0001510006,
 0001510008, 0001510009, 0001510010, 0001510011
 24 V, Length 27.00, Lead length 49.00,
 Height 40.00, Thickness 12.00



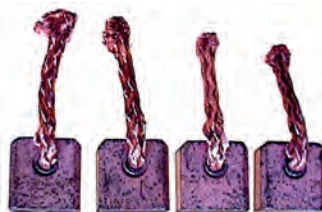
BSX1042 Brush Set

Replacing: 2007014030, 1007014117, 1007014112
 Servicing: 0001208009, 0001208033,
 0001208061, 0001311001, 0001311007,
 0001311016, 0001311026, 0001311027,
 0001311032, 0001311038
 12 V, Length 18.00, Lead length 32.00,
 Height 16.00, Thickness 7.00
 Alternative no.: BS104/0



BSX1044 Brush Set

Replacing: 2007014055, 2007014054,
 1007014122, 1007014119, 1007014118,
 1007014114, 1007014113
 Servicing: 0001208003, 0001208025,
 0001208026, 0001208047, 0001208056,
 0001208058, 0001211016, 0001211023,
 0001310013, 0001312100
 12 V, Length 18.00, Lead length 32.00,
 Height 16.00, Thickness 7.00



BSX116F4 Brush Set

Servicing: 0001363101, 0001363111
 24 V, Length 16.00, Lead length 34.00,
 Height 15.50, Thickness 9.00



BSX121F4 Brush Set

12 V, Length 16.00, Lead length 34.50,
 Height 14.00, Thickness 7.00



BSX124 Brush Set

Replacing: 1007014100
 Servicing: 0001354004, 0001354005,
 0001354016, 0001354018, 0001354027,
 0001354029, 0001354031, 0001354038,
 0001354055, 0001354064
 6/12 V, Length 25.50,
 Lead length 32.00, Height 13.00,
 Thickness 9.00



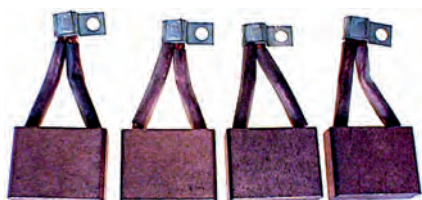
BSX124F4 Brush Set

Replacing: 1007014134, 1007014129
 Servicing: 0001208004, 0001208006,
 0001208007, 0001208017, 0001208018,
 0001208029, 0001208032, 0001208036,
 0001208037, 0001208038
 12 V, Length 18.05, Lead length 32.50,
 Height 15.80, Thickness 6.90



BSX128F4 Brush Set

Replacing: 1004320907, 1004320900
 12 V, Length 18.00, Lead length 34.50,
 Height 10.00, Thickness 7.00

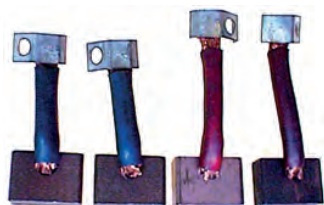

BSX1304 Brush Set

Replacing: 2007014060, 2007014059

 Servicing: 0001413001, 0001413003, 0001413004, 0001413005, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010, 0001413011
 12 V, Length 27.00, Lead length 49.00, Height 36.00, Thickness 12.00

BSX1314 Brush Set

Replacing: 2007014061, 2007014048, 2007014036, 2007014023, 2007014008

 Servicing: 0001410015, 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025, 0001410026
 24 V, Length 27.00, Lead length 46.00, Height 36.00, Thickness 12.00

BSX134-1444 Brush Set

Replacing: 2007014062

 Servicing: 0001367001, 0001367002, 0001367003, 0001367004, 0001367005, 0001367006, 0001367007, 0001367008, 0001367009, 0001367010
 12 V, Length 17.00, Lead length 57.00, Lead length 2 44.00, Height 25.00, Thickness 10.00

Alternative no.: BS134/0


BSX135-1454 Brush Set

Replacing: 2007014063

 Servicing: 0001368001, 0001368002, 0001368003, 0001368004, 0001368005, 0001368006, 0001368007, 0001368008, 0001368009, 0001368010
 24 V, Length 16.60, Lead length 56.00, Lead length 2 46.80, Height 25.00, Thickness 8.00

Alternative no.: BS135/0, 142326


BSX137-1434 Brush Set

Replacing: 2007014068

 Servicing: 0001362034, 0001362035, 0001362036, 0001362038, 0001362039, 0001362040, 0001362041, 0001362042, 0001362043, 0001362045
 12 V, Length 17.00, Lead length 45.00, Height 16.00, Thickness 9.00

BSX138-1424 Brush Set

Replacing: 2007014069

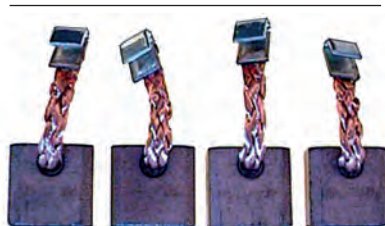
 Servicing: 0001363103, 0001363104, 0001363105, 0001363106, 0001363107, 0001363108, 0001363109, 0001363110, 0001363111, 0001363112
 24 V, Length 16.00, Lead length 44.00, Height 15.50, Thickness 9.00

BSX1394 Brush Set

Replacing: 2007014065

 Servicing: 0001362300, 0001362301, 0001362302, 0001362303, 0001362304, 0001362305, 0001362306, 0001362307, 0001362308, 0001362309
 12 V, Length 17.00, Lead length 44.00, Height 16.00, Thickness 9.00

Alternative no.: BS139, 142324


BSX1404 Brush Set

Replacing: 1007014144, 1007014138

 Servicing: 0001208516, 0001208710, 0001211514, 0001312108, 0001312109, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011
 12 V, Length 15.00, Lead length 21.00, Height 16.00, Thickness 7.00

Alternative no.: BS140/0

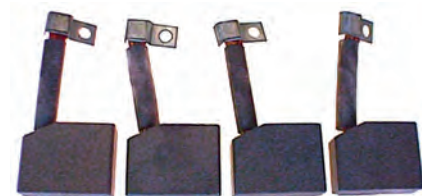

BSX1464 Brush Set

Replacing: 1007014137

 Servicing: 0001211500, 0001211501, 0001211502, 0001211503, 0001211504, 0001211505, 0001211506, 0001211507, 0001211508, 0001211510
 12 V, Length 14.00, Lead length 26.50, Height 10.00, Thickness 7.00

BSX1474 Brush Set

Replacing: 2007014067

 Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010
 24 V, Length 27.00, Lead length 50.00, Height 36.00, Thickness 10.00

BSX1484 Brush Set

Replacing: 2007014074, 2007014070, 2007014047, 2007014042, 2007014015, 2007014004

 Servicing: 0001410029, 0001410062, 0001410105, 0001416001, 0001416002, 0001416003, 0001416004, 0001416005, 0001416006, 0001416007
 24 V, Length 27.00, Lead length 54.00, Height 36.00, Thickness 12.00

Alternative no.: BS148


BSX1494 Brush Set

Replacing: 1007014145, 1007014141, 1007014139, 1007014105

 Servicing: 0001208501, 0001208506, 0001208507, 0001208508, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517
 12 V, Length 14.00, Lead length 31.00, Height 10.00, Thickness 7.00

Alternative no.: BS149



BSX151S4 Brush Set

Replacing: 9003337001, 1007014143, 1007014140

Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011

12 V, Length 17.00/19.00, Lead length 26.00, Height 18.00, Thickness 7.50

Alternative no.: BS151, 142325 , 142334

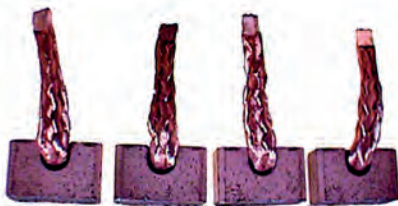


BSX1534 Brush Set

Manufacturer: Bosch
Replacing: 2007014066

Servicing: 0001421001, 0001421002, 0001421003, 0001421004, 0001421005, 0001421006, 0001421007, 0001421008, 0001421009, 0001421010

12 V, Length 27.00, Lead length 50.00, Height 36.00, Thickness 12.00



BSX1554 Brush Set

Replacing: 2007014071

Servicing: 0001367005, 0001367049, 0001367070, 0001369001, 0001369003, 0001369004, 0001369005, 0001369007, 0001369019, 0001369023

12 V, Length 15.00, Lead length 43.50, Height 25.00, Thickness 10.00



BSX157-1584 Brush Set

Servicing: 0001108404, 0001109001, 0001109002, 0001109014, 0001109015, 0001109018, 0001109021, 0001109022, 0001109025, 0001109026
12 V, Length 14.40/13.20, Lead length 25.00, Height 17.90, Thickness 5.95

Alternative no.: 142335



BSX159-1604 Brush Set

Servicing: 0001108011, 0001108100, 0001108123, 0001108141, 0001108150, 0001108177, 0001108178, 0001108184, 0001108190, 0001108196

12 V, Length 11.50/13.00, Lead length 28.50, Height 16.00, Thickness 5.00
w/ brush bar: HC-CARGO 141184.

Alternative no.: BS160, 142336



BSX163-1644 Brush Set

Replacing: 2007014076, 2007014073

Servicing: 0001367001, 0001367004, 0001367005, 0001367007, 0001367008, 0001367009, 0001367010, 0001367012, 0001367013, 0001367014

12 V, Length 15.00, Lead length 47.00, Lead length 2 46.00, Height 25.00, Thickness 10.00



BSX1654 Brush Set

Replacing: 9003334321

Servicing: 0001219010

24 V, Length 19.00, Lead length 25.00, Height 18.00, Thickness 7.60



BSX1664 Brush Set

Replacing: 1004320136

Servicing: 0001106015, 0001106023, 0001106024, 0001112003, 0001112004, 9000695002, 9000695003, B001109104

12 V, Length 12.00, Lead length 26.00, Height 12.00, Thickness 5.00
w/ brush bar: HC-CARGO 141185.



BSX170-1714 Brush Set

Replacing: 2007014085, 2007014077

Servicing: 0001364300, 0001364301, 0001364400, 0001364402, 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006

24 V, Length 15.00, Lead length 56.00, Lead length 2 43.00, Height 25.00, Thickness 10.00

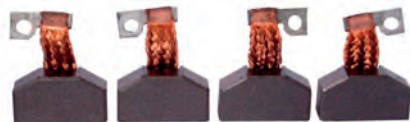


BSX172-173-1744 Brush Set

Replacing: 2007014084

Servicing: 0001417075, 0001417076

24 V, Length 19.00, Lead length 31.50, Lead length 2 61.00/174.00, Height 36.00, Thickness 12.00



BSX172-1734 Brush Set

Replacing: 2007014079

Servicing: 0001410024, 0001410029, 0001410062, 0001410067, 0001410088, 0001410105, 0001410111, 0001410115, 0001411009, 0001414011

24 V, Length 19.00, Lead length 30.00, Height 36.00, Thickness 12.00

Alternative no.: 142327



BSX175-1764 Brush Set
 Replacing: 1004320155, 1004320154
 Servicing: 0001106012, 0001106017,
 0001106018, 0001106019, 0001106022,
 0001107088, 0001121017
 12 V, Length 10.90/11.60, Lead length 24.50,
 Height 12.00, Thickness 5.00
 Alternative no.: BS175



BSX1774 Brush Set
 Replacing: 9001453644, 2007014082
 Servicing: 0001371001, 0001371004,
 0001371005, 0001371006, 0001371007,
 0001371008, 0001371009, 0001371010,
 0001371012, 0001371013
 24 V, Length 18.00, Lead length 33.50,
 Height 36.00, Thickness 9.00
 Alternative no.: 142328



BSX178-1794 Brush Set
 Replacing: 2007014080
 Servicing: 0001418001, 0001418002,
 0001418003, 0001418009, 0001418012,
 0001418014, 0001418015, 0001418017,
 B001418009, B001441100
 12 V, Length 19.00, Lead length 33.50,
 Height 36.00, Thickness 12.00



BSX180-1814 Brush Set
 Replacing: 2007014081
 Servicing: 0001418016, B001441149
 12 V, Length 19.00, Lead length 31.00,
 Height 36.00, Thickness 12.00



BSX182-1834 Brush Set
 Replacing: 9001454433
 Servicing: 0001124018, 0001124019
 12 V, Length 13.00/14.50, Lead length 25.00,
 Height 20.00, Thickness 6.00



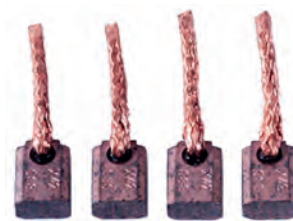
BSX190-1914 Brush Set
 Servicing: 0001231002, 0001231003,
 0001231004, 0001231005, 0001231007,
 0001231008, 0001231009, 0001231011,
 0001231012, 0001231013
 24 V, Length 15.40/16.40, Lead length 25.00,
 Height 25.00, Thickness 6.40



BSX192-1934 Brush Set
 Replacing: 6033AD1255, 6033AD1159,
 6033AD1158, 6033AD0409, 6033AD0161,
 6033AD0012, 6033AD0011
 Servicing: 0001223002, 0001223003,
 0001223004, 0001223007, 0001223009,
 0001223013, 0001223014, 0001223016,
 0001223500, 0001223501
 12 V, Length 13.00/15.00, Lead length 25.00,
 Height 22.00, Thickness 6.00



BSX194-1954 Brush Set
 Replacing: 9003334362, 9003334361,
 6033AD3197, 6033AD3196
 Servicing: 0001230002, 0001230004,
 0001230006, 0001230009, 0001230012,
 0001230014
 12 V, Length 15.40/16.40, Lead length 30.00,
 Height 27.00, Thickness 7.50



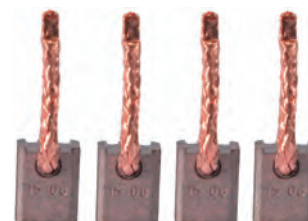
BSX1964 Brush Set
 Replacing: 1004320158
 Servicing: 0001116001, 0001116003,
 0001116005, 0001116006, 0001116008,
 0001116009
 12 V, Length 10.50/11.50,
 Lead length 24.00, Height 8.50,
 Thickness 5.00
 Alternative no.: 142338



BSX1974 Brush Set
 Replacing: 2007014072
 Servicing: 0001370001, 0001370002,
 0001370003, 0001370004, 9000453029,
 9000453065, 9000453066, 9000453067,
 9000453068, B001851001
 12 V, Length 18.00, Lead length 36.00,
 Height 36.00, Thickness 9.00



BSX202-2034 Brush Set
 Servicing: 0001330001, 0001330003,
 0001330008
 24 V, Length 23.00, Lead length 25.00,
 Height 32.00, Thickness 9.00



BSX204-2054 Brush Set
 Servicing: 0001106405, 0001106406,
 0001120400, 0001120401, 0001120402,
 0001120403, 0001120406, 0001120407,
 0001120408, 0001120409
 12 V, Length 12.00/12.70,
 Lead length 25.00, Height 10.00,
 Thickness 5.00



BSX206-2074 Brush Set

Replacing: 6033AD5127, 6033AD5126, 6033AD5098, 6033AD5097
 Servicing: 0001241001
 24 V, Length 18.00, Lead length 26.50, Height 28.00, Thickness 6.35



BSX208-2094 Brush Set

Replacing: 1004320209, 1004320208
 12 V, Length 14.20/15.20, Lead length 24.50, Height 18.00, Thickness 6.00



BSX210-2114 Brush Set

Replacing: 1004320203, 1004320202, 1004320180, 1004320179
 Servicing: 0001108400, 0001108401, 0001108402, 0001108403, 0001108405, 0001108406, 0001108408, 0001108420, 0001108421, 0001108429
 12 V, Length 11.50/12.20, Lead length 24.50, Height 16.00, Thickness 4.50



BSX212-2134 Brush Set

Replacing: 1004320207, 1004320206, 1004320205, 1004320204, 1004320184, 1004320183
 Servicing: 0001108210, F000AL0110, F002G20326, F002G20348, F002G20546, F002G20582, F002G20593, F002G20820, F004A94007, F005M00001
 12 V, Length 11.50/13.00, Lead length 24.50, Height 16.00, Thickness 5.00



BSX214-2154 Brush Set

Replacing: 1004320235, 1004320234, 1004320229, 1004320228
 Servicing: 0001109014, 0001115005, 0001115006, 0001115008, 0001115011, 0001115012, 0001115013, 0001115015, 0001115021, 0001115024
 12 V, Length 11.00, Lead length 25.00, Height 17.95, Thickness 5.95



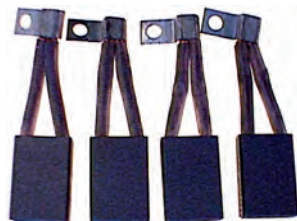
BSX216-2174 Brush Set

Replacing: 6033AD5178, 6033AD5177
 Servicing: 0001231004, 0001231005, 0001231007, 0001231008, 0001231009, 0001231013, 0001231017, 0001231019, 0001231029, 0001231030
 24 V, Length 18.00, Lead length 26.00, Height 28.00, Thickness 5.35



BSX218-2194 Brush Set

Replacing: 1004320231, 1004320230
 Servicing: 0001107103, 0001107107, 0001107109, 0001107110, 0001107111, 0001121024, 0001121031
 12 V, Length 10.90/11.60, Lead length 25.00, Height 12.00, Thickness 5.00



BSX344 Brush Set

Replacing: 2007014021, 1007014107
 Servicing: 0001401069, 0001402018, 0001402031, 0001402043, 0001402050, 0001402053, 0001402054, 0001402055, 0001402057, 0001402058
 24 V, Length 28.50, Lead length 45.00, Height 20.00, Thickness 9.00



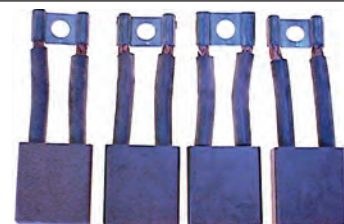
BSX354 Brush Set

Replacing: 1007014109
 Servicing: 0001401011, 0001401012, 0001401019, 0001401023, 0001401026, 0001401027, 0001401028, 0001401041, 0001401044, 0001401046
 12 V, Length 28.50, Lead length 47.00, Height 20.00, Thickness 12.00



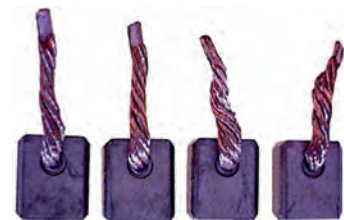
BSX434 Brush Set

Replacing: 2007014041, 1107014110, 1007014123, 1007014110
 Servicing: 0001203009, 0001204002, 0001204005, 0001205015, 0001205017, 0001304009, 0001304010, 0001304016, 0001305011, 0001305012
 6/12 V, Length 22.00, Lead length 34.00, Height 16.00, Thickness 7.00



BSX444 Brush Set

Replacing: 2007014037, 2007014009, 2007014006
 Servicing: 0001356003, 0001358017, 0001358018, 0001358020, 0001358026, 0001358033, 0001358035, 0001358038, 0001358046, 0001358047
 12 V, Length 22.50, Lead length 43.00, Height 22.00, Thickness 8.00



BSX494 Brush Set

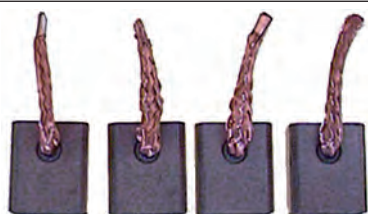
Replacing: 1107014126
 Servicing: 0001207001, 0001207003, 0001207005, 0001207010, 0001207014, 0001207016, 0001207017, AL/EEF0.5/6, AL/EEF0.5/6L1
 6 V, Length 18.00, Lead length 32.00, Height 16.00, Thickness 7.00


BSX524 Brush Set

Replacing: 2007014000

Servicing: 0001154001, 0001154007, 0001155003, 0001155009, 0001155011, 0001155016, 0001155017, 9000141004, 9000141006, 9000141008

6/12 V, Length 17.50, Lead length 33.00, Height 14.00, Thickness 7.00

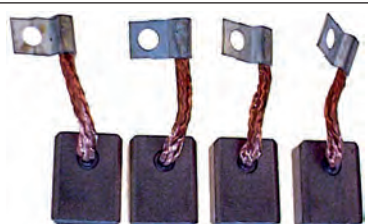

BSX704 Brush Set

Replacing: 2007014018, 1007014128

Servicing: 0001157001, 0001157002, 0001157003, 0001157004, 0001157005, 0001157006, 0001157007, 0001157012, 0001157013, 0001157014

12 V, Length 16.00, Lead length 26.00, Height 14.00, Thickness 7.00

Alternative no.: BS70/0


BSX744 Brush Set

Replacing: 2007014024

Servicing: 0001155004, 0001155006, 0001155008, 0001155009, 0001155010, 0001155015, 0001155016, 0001155017, 0001155018, 0001157009

12 V, Length 17.50, Lead length 33.00, Height 14.00, Thickness 7.00


BSX754 Brush Set

Replacing: 2007014026, 2004320173

Servicing: 0001208203, 0001208205, 0001212200, 0001212202

12 V, Length 18.00, Lead length 28.00, Height 10.00, Thickness 7.00

Alternative no.: BS75/0, 142320 142338

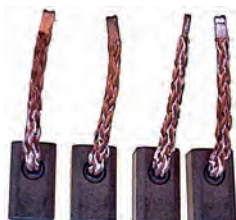

BSX764 Brush Set

Replacing: 1007014121

Servicing: 0001213004, 0001311033, 0001311034, 0001311042, 0001311043, 0001311047, 0001311051, 0001311101, 0001311103, 0001311105

12 V, Length 18.00, Lead length 33.00, Height 16.00, Thickness 7.00

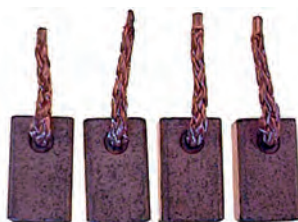
Alternative no.: 142340


BSX784 Brush Set

Replacing: 2007014027

Servicing: 0001157009, 0001157010, 9000692069

12 V, Length 16.00, Lead length 28.00, Height 10.00, Thickness 7.00


BSX934 Brush Set

Replacing: 2007014016

Servicing: 0001363001, 0001363101

24 V, Length 25.50, Lead length 32.00, Height 16.00, Thickness 9.00


BSX964 Brush Set

Replacing: 2007014566, 2007014064, 2007014056, 2007014052, 2007014050, 2007014044

Servicing: 0001358201, 0001358202, 0001359001, 0001359002, 0001359003, 0001359004, 0001359008, 0001359010, 0001359012, 0001359013

12 V, Length 23.00, Lead length 43.00, Height 25.00, Thickness 10.00

Alternative no.: BS96


BSX97F4 Brush Set

Replacing: 2007014057, 1007014130

Servicing: 0001315002, 0001315004, 0001315005, 0001362034, 0001362035, 0001362036, 0001362037, 0001362038, 0001362039, 0001362040

12 V, Length 17.00, Lead length 33.50, Height 16.00, Thickness 9.00


BSX98F4 Brush Set

12 V, Length 18.00, Lead length 34.00, Height 10.00, Thickness 7.00

Brushes

Pkg. 100


BS70/0 Brush

12 V, Length 15.92, Lead length 27.00, Height 13.85, Thickness 6.85

Alternative no.: BSX704

Pkg. 100


BS75/0 Brush

12 V, Length 18.00, Lead length 33.50, Height 9.90, Thickness 6.90

Alternative no.: BSX754



Pkg. 100

BS96 Brush

12 V, Length 23.05, Lead length 41.00, Height 24.80, Thickness 9.75
Alternative no.: BSX964



Pkg. 100

BS100 Brush

24 V, Length 23.05, Lead length 41.50, Height 24.90, Thickness 7.80
Alternative no.: BSX1004



Pkg. 100

BS102 Brush

12 V, Length 25.40, Lead length 35.00, Height 15.85, Thickness 8.85
Alternative no.: BSX1024



Pkg. 100

BS104/0 Brush

Servicing: 0001314047
12 V, Length 18.10, Lead length 32.50, Height 15.90, Thickness 6.90
Alternative no.: BSX1042



Pkg. 100

BS134/0 Brush

Length 16.30, Lead length 42.50, Height 24.85, Thickness 9.85
Alternative no.: BSX134-1444



Pkg. 100

BS135/0 Brush

Servicing: 0001368082
24 V, Length 16.60, Lead length 42.70, Height 24.80, Thickness 8.00
Alternative no.: BSX135-1454



Pkg. 100

BS139 Brush

12 V, Length 17.05, Lead length 42.00, Height 15.80, Thickness 8.95
Alternative no.: BSX1394



Pkg. 100

BS140/0 Brush

12 V, Length 15.00, Lead length 26.50, Height 15.85, Thickness 6.95
Alternative no.: BSX1404



Pkg. 100

BS144/0 Brush

12 V, Length 16.60, Lead length 53.00, Height 24.85, Thickness 9.85



Pkg. 100

BS145/0 Brush

Servicing: 0001368082
24 V, Length 16.60, Lead length 53.00, Height 24.85, Thickness 7.90
Alternative no.: BSX135-1454



Pkg. 100

BS148 Brush

24 V, Length 27.00, Lead length 53.00, Height 35.75, Thickness 11.80
Alternative no.: BSX1484



Pkg. 100

BS149 Brush

12 V, Length 14.05, Lead length 26.00, Height 9.90, Thickness 6.95
Alternative no.: BSX1494

Pkg. 100


BS151 Brush

Replacing: 9003334328

 12 V, Length 18.90, Lead length 25.00,
Height 17.95, Thickness 7.40

Pkg. 100


BS151S# Brush

 12 V, Length 17.35/19.30,
Lead length 25.00, Height 17.90,
Thickness 7.40

Pkg. 100


BS157 Brush

Replacing: 9001320110

 Servicing: 0001105205, 0001109064, 0001109065,
0001109069, 0001109258, 0001109259,
0001109268, 0001109269, 0001109270, 0001109300

 12 V, Length 14.40, Lead length 24.00,
Height 17.85, Thickness 6.00

Alternative no.: BSX157-1584

Pkg. 100


BS158 Brush

Replacing: 9001320111

 Servicing: 0001105205, 0001109064,
0001109065, 0001109069, 0001109258,
0001109259, 0001109268, 0001109269,
0001109270, 0001109300

 12 V, Length 14.35, Lead length 25.00,
Height 17.80, Thickness 5.90

Alternative no.: BSX157-1584

Pkg. 100


BS159 Brush

Replacing: 9001320113

 Servicing: 0001108196, 0001108202,
0001108222, 0001108240, 0001108245

 12 V, Length 12.85, Lead length 24.00,
Height 15.85, Thickness 4.85

Alternative no.: BSX159-1604

Pkg. 100


BS160 Brush

Replacing: 9001320114

 Servicing: 0001108196, 0001108202,
0001108222, 0001108240, 0001108245

 12 V, Length 12.85, Lead length 23.50,
Height 15.80, Thickness 4.85

Alternative no.: BSX159-1604

Pkg. 100


BS175 Brush

Replacing: 9001320118

 Servicing: 0001106014, 0001106019,
0001106023, 0001107076, 0001107080,
0001107091, 0001121018, 0001121019,
0001121023, 0001121024

 12 V, Length 11.40, Lead length 25.00,
Height 11.90, Thickness 4.75

Alternative no.: BSX175-1764

Pkg. 100


BS176 Brush

Replacing: 9001320119

 Servicing: 0001106014, 0001106019,
0001106023, 0001107076, 0001107080,
0001107091, 0001121018, 0001121019,
0001121023, 0001121024

 12 V, Length 11.40, Lead length 24.50,
Height 11.90, Thickness 4.90

Alternative no.: BSX175-1764

Bushings

Pkg. 10


140003 Bushing

Replacing: 1000301046, 1000301001

 Servicing: 0001157001, 0001157002,
0001157003, 0001157004, 0001157005,
0001157006, 0001157007, 0001157008,
0001157009, 0001157010

ID 12.55, OD 16.56, Length 11.50

Alternative no.: B140003

Pkg. 10


140004 Bushing

Replacing: 2000301009, 2000301001

 Servicing: 0001354004, 0001354005,
0001354016, 0001354018, 0001354027,
0001354029, 0001354031, 0001354038,
0001354055, 0001354064

ID 14.08, OD 17.58, Length 15.00

Alternative no.: B140004

Pkg. 10



140006 Bushing
 Replacing: 1900301420
 Servicing: 0001358200, 0001358201, 0001358202, 0001359001, 0001359002, 0001359003, 0001359004, 0001359008, 0001359010, 0001359012
 ID 14.04, OD 20.02, Length 10.00
 Alternative no.: B140006



140007# Bushing
 Replacing: 2000410040
 Servicing: 0001401041, 0001401044, 0001401046, 0001401047, 0001401049, 0001401050, 0001401052, 0001401057, 0001401060, 0001401062
 ID 34.50, OD 39.17, Length 41.80

Pkg. 10



140008 Bushing
 Replacing: 1000301021
 Servicing: 0001106001, 0001106002, 0001106004, 0001107007, 0001107008, 0001107020, 0001107021, 0001107052, 0001107053, 0001108005
 ID 11.00, OD 13.60, Length 13.80
 Alternative no.: B140008

Pkg. 10



140009 Bushing
 Replacing: 1000301011
 Servicing: 0001208205, 0001218002, 0001218004, 0001218005, 0001218006, 0001218012, 0001218013, 0001218017, 0001218018, 0001218021
 ID 12.10, OD 16.12, Length 16.00
 Alternative no.: B140009

Pkg. 10



140010 Bushing
 Replacing: 2000301000
 Servicing: 0001223026, 0001230001, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010
 ID 12.59, OD 16.55, Length 18.00
 Alternative no.: B140010

Pkg. 10



140011 Bushing
 Replacing: 2000301015
 Servicing: 0001402018, 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024
 ID 40.12, OD 48.04, Length 10.50
 Alternative no.: B140011, B140011U

Pkg. 10



140012 Bushing
 Replacing: 1000301047, 1000301002
 Servicing: 0001201009, 0001203008, 0001203009, 0001203010, 0001204002, 0001205015, 0001205017, 0001207001, 0001207005, 0001208006
 ID 12.56, OD 16.55, Length 14.00
 Alternative no.: B140012

Pkg. 10



140014 Bushing
 Replacing: 9900333089, 2000301128, 2000301013
 Servicing: 0001107109, 0001107110, 0001107111, 0001107450, 0001107451, 0001107508, 0001107509, 0001107534, 0001108162, 0001113009
 ID 10.08, OD 14.09, Length 13.00
 Alternative no.: B140014

Pkg. 10



140016 Bushing
 Replacing: 2000301019, 1000301042, 1000301000
 Servicing: 0001211227, 0001304009, 0001304010, 0001304016, 0001305010, 0001305011, 0001305012, 0001305013, 0001305016, 0001305018
 ID 12.57, OD 16.55, Length 15.80
 Alternative no.: B140016

Pkg. 10



140017 Bushing
 Replacing: 1000301012
 Servicing: 0001107012, 0001107013, 0001107017, 0001107018, 0001107024, 0001107034, 0001107037, 0001107045, 0001107048, 0001107054
 ID 12.09, OD 16.11, Length 14.00
 Alternative no.: B140017

Pkg. 10



140018 Bushing
 Replacing: 9001082166, 2000301036
 Servicing: 0001106018, 0001106020, 0001107003, 0001107004, 0001107005, 0001107006, 0001107009, 0001107014, 0001107015, 0001107016
 ID 12.08, OD 14.09, Length 13.90
 Alternative no.: B140018

Pkg. 10



140019 Bushing
 Replacing: 2000301047, 2000301043
 Servicing: 0001311028, 0001311029, 0001311030, 0001311031, 0001330004, 0001330007, 0001330011, 0001330016, 0001330017, 0001362005
 ID 14.06, OD 18.03, Length 14.00
 Alternative no.: B140019

Pkg. 10


140020 Bushing

Replacing: 2000301140, 2000301002
Servicing: 0001354004, 0001354005, 0001354027, 0001354031, 0001354064, 0001354077, 0001354079, 0001354082, 0001354089, 0001354091
ID 19.13, OD 25.09, Length 10.00
Alternative no.: B140020

Pkg. 10


140025 Bushing

Replacing: 2000301026
Servicing: 0001358200, 0001358201, 0001358202, 0001362001, 0001362002, 0001362003, 0001362004, 0001362005, 0001362006, 0001362007
ID 19.11, OD 23.08, Length 9.80
Alternative no.: B140025

Pkg. 10


140026 Bushing

Replacing: 2000301045, 2000301041
Servicing: 0001358048, 0001358051, 0001359002, 0001359003, 0001359008, 0001359010, 0001359012, 0001359013, 0001359014, 0001359016
ID 19.10, OD 23.10, Length 13.00
Alternative no.: B140026

Pkg. 10


140027 Bushing

Replacing: 1000301034, 1000301022
Servicing: 0001112010, 0001112011, 0001112017, 0001112018, 0001114003, 0001114004, 0001114005, 0001114006, 0001114008, 0001114009
ID 17.60, OD 21.60, Length 9.40
Alternative no.: B140027

Pkg. 10

Pkg. 10


140028 Bushing

Replacing: 2000301022
Servicing: 0001207016, 0001207017, 0001207020, 0001211012, 0001211013, 0001211221, 0001211222, 0001211223, 0001211224, 0001211252
ID 11.10, OD 12.60, Length 11.50
Alternative no.: B140028

Pkg. 10


140029 Bushing

Replacing: 1000301077, 1000301053, 1000301026
Servicing: 0001108183, 0001109014, 0001109015, 0001109036, 0001110005, 0001110016, 0001110054, 0001110092, 0001110095, 0001110124
ID 12.10, OD 13.60, Length 13.50
Alternative no.: B140029

Pkg. 10


140030 Bushing

Replacing: 2000301020, 1000301112, 1000301088, 1000301082, 1000301066, 1000301009
Servicing: 00010DB98E, 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107010, 0001107011, 0001107016
ID 12.10, OD 13.60, Length 11.50
Alternative no.: B140030

Pkg. 10


140031 Bushing

Replacing: 2000301024
Servicing: 0001211995, 0001358035, 0001358040, 0001358201, 0001358202, 0001362005, 0001362006, 0001362008, 0001362009, 0001362010
ID 14.30, OD 16.00, Length 13.70
Alternative no.: B140031

Pkg. 10

Pkg. 10


140033 Bushing

Replacing: 2000301031, 1000301019
Servicing: 0001212002, 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212013, 0001212200, 0001212202
ID 14.30, OD 16.00, Length 11.50
Alternative no.: B140033

Pkg. 10


140035 Bushing

Replacing: 1000301023
Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120410
ID 14.36, OD 16.02, Length 10.00
Alternative no.: B140035

Pkg. 10


140043 Bushing

Replacing: 1000301063
Servicing: 0001108074, 0001108085, 0001108086, 0001108099, 0001108112, 0001108122, 0001108143, 0001112007, 0001112019, 0001223500
ID 12.10, OD 15.05, Length 15.00
Alternative no.: B140043

Pkg. 10


140111 Bushing

Replacing: 2000301016
Servicing: 0001360049, 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024
ID 22.14, OD 28.07, Length 11.20
Alternative no.: B140111



Pkg. 10

140140 Bushing

Replacing: 2000301004

Servicing: 0001400016, 0001401011, 0001401012, 0001401019, 0001401023, 0001401026, 0001401027, 0001401028, 0001401044, 0001401046
ID 16.67, OD 19.60, Length 19.00

Alternative no.: B140140

Pkg. 10



140151 Bushing

Replacing: 2000301011

Servicing: 0001358035, 0001358040, 0001358046, 0001358047, 0001358049, 0001359012, 0001359016, 0001359027, 0001359044, 0001359046

ID 19.12, OD 25.10, Length 12.80

Alternative no.: B140151

Pkg. 10



140203 Bushing

Replacing: 2000301037

Servicing: 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364106, 0001364108, 0001364200, 0001364201

ID 14.08, OD 20.03, Length 17.00

Alternative no.: B140203

Pkg. 10



140204 Bushing

Replacing: 9001140347

Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011

ID 10.05, OD 16.55, Length 11.50

Alternative no.: B140204



Pkg. 10

140208 Bushing

Replacing: F000AL1005, 2000301056, 1000301056

Servicing: 00010DB98E, 0001105205, 0001106001, 0001106002, 0001106004, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016

ID 10.11, OD 14.04, Length 9.90

Alternative no.: B140208

Pkg. 10



140221 Bushing

ID 16.09, OD 18.00, Length 22.00

Alternative no.: B140221

Pkg. 10



140248 Bushing

Replacing: 1000301061

Servicing: 0001108074, 0001108112, 0001108125, 0001108128, 0001108130, 0001108162, 0001110016, 0001110052, 0001110075, 0001110083

ID 10.03, OD 16.55, Length 10.35

Alternative no.: B140248

Pkg. 10



140249 Bushing

Replacing: 1000301076, 1000301054

Servicing: 0001106001, 0001106002, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106022, 0001106023

ID 8.10, OD 11.12, Length 8.00

Alternative no.: B140249



Pkg. 10

140250 Bushing

Servicing: 0001110001, 0001110002, 0001110014, 0001110015, 0001110133, 0001110134, 0001117008, 0001123014, 0001123015, 0001124007

ID 8.09, OD 11.12, Length 10.00

Alternative no.: B140250

Pkg. 10



140251 Bushing

Replacing: 1000301074, 1000301055

Servicing: 0001106001, 0001106002, 0001106011, 0001107005, 0001107006, 0001107014, 0001107016, 0001107027, 0001107028, 0001107041

ID 18.00, OD 22.10, Length 8.00

Alternative no.: B140251

Pkg. 10



140252 Bushing

Replacing: 1000301075, 1000301068

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106022, 0001106023, 0001106024, 0001107003

ID 18.03, OD 22.10, Length 6.00

Alternative no.: B140252

Pkg. 10



140256 Bushing

Replacing: 1000301013

Servicing: 0001212001, 0001212002, 0001212003, 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212013

ID 26.10, OD/collar 33.00, OD 30.40, Length 11.35, Height/collar 2.50

Alternative no.: B140256

Pkg. 10



140261 Bushing
 Replacing: 1000301003
 Servicing: 0001223504
 ID 14.39, OD 16.00, Length 18.00
 Alternative no.: B140261

Pkg. 10



140319 Bushing
 Replacing: 1000301083
 Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106022, 0001106023, 0001106024, 0001106405
 ID 10.00, OD 14.00, Length 12.00
 Alternative no.: B140319

Pkg. 10



140423 Bushing
 Servicing: 0001112003, 0001112004, 0001112005, 0001112006, 0001112007, 0001112009, 0001112010, 0001112011, 0001112012, 0001112013
 ID 12.55, OD 16.50, Length 10.60
 Alternative no.: B140423

Pkg. 10



140500 Bushing
 Replacing: 2000301023, 1000301008
 Servicing: 0001111001, 0001112021, 0001112022, 0001112027, 0001112028, 0001112044, 0001113001, 0001113002, 0001113007, 0001113008
 ID 12.11, OD 14.10, Length 12.00
 Alternative no.: B140500

Pkg. 10



140563 Bushing
 Replacing: 1000322005
 Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011
 ID 10.07, OD/collar 18.70, OD 16.55, Length 14.60, Height/collar 1.50
 Alternative no.: B140563

Pkg. 10



140624 Bushing
 ID 15.45, OD 17.00, Length 9.85

Pkg. 10



140645 Bushing
 Replacing: 1000301010
 Servicing: 0001207001, 0001207005, 0001208006, 0001208017, 0001310007, 0001310008, 0001310019, AL/EEF0.5/6, AL/EEF0.5/6L1
 ID 12.63, OD 14.10, Length 10.50
 Alternative no.: B140645

Pkg. 10



140692 Bushing
 Replacing: 1000301027
 Servicing: 0001312104, 0001312105, 0001312106, 0001312107, 0001312108, 0001312109, B001335003
 ID 26.10, OD/collar 33.20, OD 32.10, Length 11.60, Height/collar 2.50
 Alternative no.: 610291

Pkg. 10



140711 Bushing
 Servicing: 0001107094, 0001107095, 0001108184, B001110315
 ID 18.02, OD 22.04, Length 5.90

Pkg. 10



140745 Bushing
 Replacing: 1900301454
 Servicing: 0001510001, 0001510002, 0001510003, 0001510004, 0001510005, 0001510006, 0001510008, 0001510009, 0001510010, 0001510011
 ID 24.90, OD 32.00, Length 17.85

Pkg. 10



140782 Bushing
 ID 12.13, OD 13.62, Length 20.00
 Alternative no.: B140782

Pkg. 10



140850 Bushing
 Replacing: 1000390004, 1000390003, 1000390001
 Servicing: 0001121001, 0001121002, 0001121003, 0001121006, 0001121007, 0001121008, 0001121009, 0001121010, 0001121011, 0001121016
 ID 28.35, OD 32.25, Length 10.00

Pkg. 10



140853 Bushing

Replacing: 1000301032
 Servicing: 0001106001, 0001106002, 0001106004, 0001107031, 0001107032, 0001107049, 0001107400, 0001107401, 0001107403, 0001107404
 ID 11.09, OD 12.60, Length 11.50
 Alternative no.: B140853

Pkg. 10



140854 Bushing

Replacing: 1000301106, 1000301031
 Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106020, 0001106022, 0001106023, 0001106024
 ID 12.10, OD 13.57, Length 11.50
 Alternative no.: B140854

Pkg. 10



140855 Bushing

Replacing: 2000301025
 Servicing: 0001362001, 0001362002, 0001362027, 0001362028, 0001362029, 9000143406
 ID 14.10, OD 20.05, Length 10.00

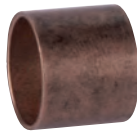
Pkg. 10



140856 Bushing

Replacing: 1000301062
 Servicing: 0001112003, 0001112004, 0001112005, 0001112006, 0001112007, 0001112008, 0001112009, 0001112010, 0001112011, 0001112012
 ID 12.57, OD 16.54, Length 9.80
 Alternative no.: B140856

Pkg. 10



140857 Bushing

Servicing: 1000301009
 ID 12.10, OD 13.50, Length 11.50

Pkg. 10



140858 Bushing

Replacing: 2000301040
 Servicing: 0001154001, 0001155003, 0001155004, 0001155011, 0001157011, 9000141001, 9000141002, 9000141009, AL/EED0.5/12R4
 ID 12.00, OD 14.00, Length 11.90
 Alternative no.: B140858

Pkg. 10



140859 Bushing

Replacing: 2000301049
 Servicing: 0001359067, 0001359072, 0001359075, 0001359084, 0001359094, 0001359095, 0001359099, 0001359100, 0001359105, 0001359118
 ID 19.13, OD 23.05, Length 13.20
 Alternative no.: B140859

Pkg. 10



140862 Bushing

Replacing: 2000301051
 Servicing: 0001358202, 0001362307
 ID 14.30, OD 16.03, Length 16.90

Pkg. 10



140864# Bushing

Replacing: 2000301139
 Servicing: 0001600002, 0001600003, 0001600005, 0001600006, 0001600007, 0001600010, 0001600011, 0001600012, 0001600013, 0001601001
 ID 30.10, OD 37.08, Length 25.00

Pkg. 10



140865 Bushing

ID 14.44, OD 16.00, Length 15.20

Pkg. 10



140866 Bushing

Replacing: 2000301006
 Servicing: 0001208515, 0001223500, 0001223502, 0001223505, 0001358048, 0001359003, 0001359008, 0001359010, 0001359012, 0001359013
 ID 14.36, OD 16.02, Length 23.50
 Alternative no.: B140866

Pkg. 10



140867 Bushing

Replacing: 2000301044
 Servicing: 0001223501, 0001223503, 0001223504, 0001362051, 0001362052, 0001362063, 0001362064, 0001362093, 0001362096, 0001362097
 ID 14.34, OD 16.04, Length 20.39
 Alternative no.: B140867

Pkg. 10


140911 Bushing

Manufacturer: Bosch
 Replacing: 9003330905
 Servicing: 9000331201, 9000331203
 ID 10.03, OD 16.10, Length 12.50

Pkg. 10


140916 Bushing

ID 8.02, OD 11.51, Length 11.43

Pkg. 10


140928 Bushing

Servicing: 0001124005, 0001124006
 ID 18.01, OD 22.24, Length 5.93

Pkg. 10


140929 Bushing

Replacing: 1000301072
 Servicing: 0001120400, 0001120401,
 0001120402, 0001120403, 0001120404,
 0001120405, 0001120406, 0001120407,
 0001120408, 0001120410
 ID 11.03, OD 13.54, Length 9.00
 Alternative no.: B140929

Pkg. 10


140962 Bushing

Replacing: 9001083373
 Servicing: 9000083027, 9000083028,
 9000083043, 9000083045, 9000083049,
 9000083053, 9000083054, 9000083055,
 9000083056, 9000083057
 ID 15.72, OD 19.58, Length 9.80

Pkg. 10


140984 Bushing

Replacing: 1000301080
 Servicing: 0001108430, 0001108431,
 0001116001, 0001116003, 0001116005,
 0001116006, 0001116008, 0001116009,
 F002G20149, F002G20170
 ID 12.55, OD 16.57, Length 7.85

Pkg. 10


140988 Bushing

Replacing: 9003330317
 Servicing: 0001218602, 0001218620,
 0001218703, 0001218710, 0001218711,
 0001218712, 0001218715, 0001218716,
 0001218719, 0001218722
 ID 10.03, OD 16.02, Length 10.00

Pkg. 10


141061 Bushing

Replacing: 1000301069
 Servicing: 0001108003, 0001108112,
 0001108120, 0001108124, 0001108147,
 0001108149, 0001108162, 0001110016,
 0001110039, 0001110053
 ID 10.04, OD/collar 18.50, OD 16.55,
 Length 13.80, Height/collar 2.90

Pkg. 10


141095 Bushing

ID 12.11, OD 14.02, Length 20.80

Pkg. 10


141096 Bushing

Servicing: 0001218012, 0001218013,
 0001218018, 0001218024, 0001218103,
 0001218105, 0001218113, 0001218114,
 0001218115, 0001218116
 ID 18.03, OD 22.10, Length 7.00

Pkg. 10


141099 Bushing

Servicing: 0001218166, 0001223013,
 0001223014, 0001223504
 ID 17.93, OD 22.10, Length 7.05

Pkg. 5


141115 Bushing

Replacing: 1000301114, 1000301087
 Servicing: 0001121022, 0001121023,
 0001125018, 0001125046, 0001125047,
 0001125048, 0001125049, 0001125605,
 0001125606, 1006209681
 ID 12.20, OD 15.15, Length 8.40

Pkg. 10



141117 Bushing

Servicing: 0001218004, 0001218005, 0001218008, 0001218009, 0001218017, 0001218026, 0001218134, 0001218145, B001233104, B001233112

ID 5.20, OD 9.00, Length 9.00

Pkg. 10



141118 Bushing

ID 8.01, OD 11.12, Length 8.00

Pkg. 10



141119 Bushing

ID 10.10, OD 14.00, Length 9.55

Pkg. 10



141141 Bushing

ID 20.50, OD 26.55, Length 11.90

Pkg. 10



141161 Bushing

Servicing: 1006209949
ID 14.25, OD 16.05, Length 9.95

Pkg. 10



141165 Bushing

Replacing: 1000301113

Servicing: 0001123004, 0001123005, 0001123014, 0001123015, 0001123017, 0001123020, 0001123021, 0001123028, 0001123029, 0001123038

ID 11.07, OD 14.02, Length 9.00

Pkg. 10



141191 Bushing

Servicing: 2006202011

ID 20.00, OD 22.20, Length 26.80

Pkg. 10



141204# Bushing

Servicing: 1006208280, 1006208450, 1006209450, 1006209451, 2006209280

ID 14.23, OD 16.85, Length 10.00

Pkg. 10



141212 Bushing

Servicing: 0001231002, 0001231032, B001260015

ID 21.03, OD 25.00, Length 11.80

Pkg. 10



141241 Bushing

Servicing: 2006202000

ID 24.00, OD 25.40, Length 10.65

Pkg. 10



142049 Bushing

ID 7.05, OD 12.03, Length 8.60

Pkg. 10

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142054* Bushing

Replacing: 6033AC0423

Servicing: 0001330001, 0001330003, 0001330005, 0001330006, 0001330008, 0001330012, 0001330013, 0001330014, 0001330018, 0001330020

ID 14.00, OD 20.00, Length 13.90

Pkg. 5



142061 Bushing

Replacing: 6033AC5050

Servicing: 0001241003, 0001241004, 0001241005, 0001241006, 0001241007, 0001241008, 0001241009, 0001241012, 0001241014, 0001241015

ID 18.00, OD 20.08, Length 25.95

Pkg. 10



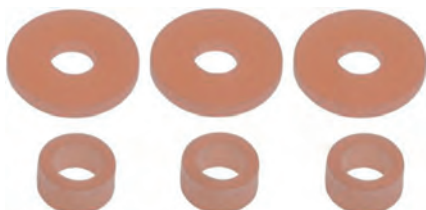
142068 Bushing
ID 6.05, OD 12.00, Length 11.07

Pkg. 10



237666 Bushing
Replacing: 1000300029
Servicing: 0001109300, 0001109301,
0001109302, 0001109303, 0001109332,
0001109333, 0001109334, 0001109335,
0001109409, 0001109410
ID 9.35, OD 11.98, Length 12.46

Pkg. 10



238788 Bushing Kit
Servicing: 0331100016, 0331101006,
0331101009
ID 3.25/3.25, OD 8.96/5.30
W: 1.10/2.40 mm.

Pkg. 10



332820 Bushing
Replacing: 1000301091
Servicing: 0001106403, 0001106404,
0001106405, 0001106406, 0001106407,
0001106409, 0001106410, 0001107400,
0001107401, 0001107402
ID 12.56, OD 16.60, Length 6.00

Pkg. 100



B140003 Bushing
Replacing: 1000301046, 1000301001
Servicing: 0001314047
ID 12.60, OD 16.56, Length 11.50
Alternative no.: 140003

Pkg. 100



B140004 Bushing
Replacing: 2000301009, 2000301001
ID 14.08, OD 17.58, Length 15.00
17.60x14.05x14.48 mm.
Alternative no.: 140004

Pkg. 100



B140006 Bushing
Replacing: 1900301420
ID 14.04, OD 20.02, Length 10.00
Alternative no.: 140006

Pkg. 100



B140008 Bushing
Replacing: 1000301021
ID 11.06, OD 13.60, Length 14.00
Alternative no.: 140008

Pkg. 100



B140009 Bushing
Replacing: 1000301011
ID 12.10, OD 16.12, Length 16.00
Alternative no.: 140009

Pkg. 100



B140010 Bushing
Replacing: 2000301000
Servicing: 0001231004, 0001231005,
0001231008, 0001231009, 0001231011,
0001231014, 0001231016, 0001231045,
0001368082, 0001368311
ID 12.56, OD 16.55, Length 18.00
Alternative no.: 140010

Pkg. 100



B140011 Bushing
Replacing: 2000301015
ID 40.12, OD 48.04, Length 10.50
Alternative no.: 140011, B140011U

Pkg. 100



B140011U Bushing
Replacing: 2000301015
Servicing: 0001416079
Alternative no.: 140011, B140011

Pkg. 100



B140012 Bushing

Replacing: 1000301047, 1000301002
ID 12.56, OD 16.55, Length 14.00
Alternative no.: 140012

Pkg. 100



B140014 Bushing

Replacing: 9900333089, 2000301128, 2000301013
Servicing: 0001107535
ID 10.08, OD 14.09, Length 13.00
Alternative no.: 140014

Pkg. 100



B140016 Bushing

Replacing: 2000301019, 1000301042, 1000301000
ID 12.57, OD 16.55, Length 15.80
Alternative no.: 140016

Pkg. 100



B140017 Bushing

Replacing: 1000301012
ID 12.05, OD 16.10, Length 14.00
Alternative no.: 140017

Pkg. 100



B140018 Bushing

Replacing: 9001082166, 2000301036
Servicing: 0001107076, 0001108196, 0001108245, 0001115015, 0986010030
ID 12.08, OD 14.09, Length 13.90
Alternative no.: 140018

Pkg. 100



B140019 Bushing

Replacing: 2000301047, 2000301043
Servicing: 0001368082, 0001368311, 0001368313, 0001372005, B001860023
ID 14.06, OD 18.03, Length 14.00
Alternative no.: 140019

Pkg. 100



B140020 Bushing

Replacing: 2000301140, 2000301002
ID 19.13, OD 25.09, Length 10.00
Alternative no.: 140020

Pkg. 100



B140025 Bushing

Replacing: 2000301026
ID 19.11, OD 23.08, Length 9.80
Alternative no.: 140025

Pkg. 100



B140026 Bushing

Replacing: 2000301045, 2000301041
Servicing: 0001368082, 0001368311, 0001368313
ID 19.10, OD 23.10, Length 13.00
Alternative no.: 140026

Pkg. 100



B140027 Bushing

Replacing: 1000301034, 1000301022
Servicing: 0001314047
ID 17.62, OD 21.63, Length 9.42
Alternative no.: 140027

Pkg. 100



B140028 Bushing

Replacing: 2000301022
ID 11.10, OD 12.60, Length 10.50
Alternative no.: 140028

Pkg. 100



B140029 Bushing

Replacing: 1000301077, 1000301053, 1000301026
ID 12.10, OD 13.60, Length 13.50
Alternative no.: 140029

Pkg. 100


B140030 Bushing

Replacing: 2000301020, 1000301112, 1000301088, 1000301082, 1000301066, 1000301009

 Servicing: 0001147404, 1006209570
 ID 12.13, OD 13.62, Length 11.50
 Alternative no.: 140030

Pkg. 100


B140031 Bushing

 Replacing: 2000301024
 ID 14.30, OD 16.00, Length 13.50
 Alternative no.: 140031

Pkg. 100


B140033 Bushing

 Replacing: 2000301031, 1000301019
 ID 14.30, OD 16.00, Length 11.50
 Alternative no.: 140033

Pkg. 100


B140035 Bushing

 Replacing: 1000301023
 ID 14.36, OD 16.02, Length 10.00
 Alternative no.: 140035

Pkg. 100


B140043 Bushing

 Replacing: 1000301063
 ID 12.10, OD 15.05, Length 15.00
 Alternative no.: 140043

Pkg. 100


B140111 Bushing

 Replacing: 2000301016
 ID 22.14, OD 28.07, Length 11.20
 Alternative no.: 140111

Pkg. 100


B140111U Bushing

 Replacing: B140111U
 Servicing: 0001416079
 Alternative no.: 140111

Pkg. 100


B140140 Bushing

 Replacing: 2000301004
 ID 16.67, OD 19.60, Length 19.00
 Alternative no.: 140140

Pkg. 100


B140151 Bushing

 Replacing: 2000301011
 ID 19.12, OD 25.10, Length 12.80
 Alternative no.: 140151

Pkg. 100


B140203 Bushing

 Replacing: 2000301037
 ID 14.08, OD 20.06, Length 16.90
 Alternative no.: 140203

Pkg. 100


B140204 Bushing

 Replacing: 9001140347
 ID 10.05, OD 16.55, Length 11.50
 Alternative no.: 140204

Pkg. 100


B140208 Bushing

 Replacing: 2000301056, 1000301056
 Servicing: 0001106014, 0001106019, 0001106023, 0001107076, 0001107080, 0001107088, 0001107091, 0001108196, 0001108202, 0001108222
 ID 10.11, OD 14.04, Length 9.90
 Alternative no.: 140208

Pkg. 100



B140221 Bushing

Replacing: B140221
ID 16.09, OD 18.00, Length 22.00
Alternative no.: 140221

Pkg. 100



B140248 Bushing

Replacing: 1000301061
ID 10.03, OD 16.55, Length 10.35
Alternative no.: 140248

Pkg. 100



B140249 Bushing

Replacing: 1000301076, 1000301054
Servicing: 0001107076, 0001109315,
0001112017, 0001120411, 0001121023,
0001124020, 0001124021, 0001125009,
0001125053, 0001125054
ID 8.10, OD 11.12, Length 8.00
Alternative no.: 140249

Pkg. 100



B140250 Bushing

Replacing: B140250
ID 8.09, OD 11.12, Length 10.00
Alternative no.: 140250

Pkg. 100



B140251 Bushing

Replacing: 1000301074, 1000301055
ID 18.00, OD 22.10, Length 8.00
Alternative no.: 140251

Pkg. 100



B140252 Bushing

Replacing: 1000301075, 1000301068
Servicing: 0001107076, 0001109315,
0001120411, 0001121023, 0001124020,
0001124021, 0001125009, 0001125053,
0001125054, 0001147404
ID 18.03, OD 22.10, Length 6.00
Alternative no.: 140252

Pkg. 100



B140261 Bushing

Replacing: 1000301003
ID 14.36, OD 16.00, Length 18.00
Alternative no.: 140261

Pkg. 100



B140319 Bushing

Replacing: 1000301083
Servicing: 0001106014, 0001106019,
0001106023, 0001107402, 0001107423,
0001107424, 0001107425, 0001107439,
0001108402
ID 10.00, OD 14.00, Length 12.00
Alternative no.: 140319

Pkg. 100



B140423 Bushing

Replacing: 140423
Servicing: F000AL0321
ID 12.55, OD 16.50, Length 10.60
Alternative no.: 140423

Pkg. 100



B140500 Bushing

Replacing: 2000301023, 1000301008
ID 12.11, OD 14.10, Length 12.00
Alternative no.: 140500

Pkg. 100



B140563 Bushing

Replacing: 1000322005
ID 10.07, OD/collar 19.00, OD 16.55,
Length 14.60, Height/collar 1.60
Alternative no.: 140563

Pkg. 100



B140645 Bushing

Replacing: 1000301010
ID 12.63, OD 14.10, Length 10.50
Alternative no.: 140645

Pkg. 100


B140782 Bushing

Replacing: 140782
 Servicing: 1006209570
 ID 12.13, OD 13.62, Length 20.00
 Alternative no.: 140782

Pkg. 100


B140853 Bushing

Replacing: 1000301032
 ID 11.09, OD 12.60, Length 11.50
 Alternative no.: 140853

Pkg. 100


B140854 Bushing

Replacing: 1000301106, 1000301031
 ID 12.10, OD 13.57, Length 11.50
 Alternative no.: 140854

Pkg. 100


B140856 Bushing

Replacing: 1000301062
 ID 12.57, OD 16.55, Length 10.00
 Alternative no.: 140856

Pkg. 100


B140858 Bushing

Replacing: 2000301040
 ID 12.10, OD 14.10, Length 12.10
 Alternative no.: 140858

Pkg. 100


B140859 Bushing

Replacing: 2000301049
 ID 19.13, OD 23.05, Length 13.20
 Alternative no.: 140859

Pkg. 100


B140866 Bushing

Replacing: 2000301006
 ID 14.36, OD 16.02, Length 23.50
 Alternative no.: 140866

Pkg. 100


B140867 Bushing

Replacing: 2000301044
 ID 14.34, OD 16.04, Length 20.39
 Alternative no.: 140867

Pkg. 100


B140929 Bushing

Replacing: 1000301072
 ID 11.03, OD 13.54, Length 9.00
 Alternative no.: 140929

Bearings
Ball Bearings

140649 FAG 16009 Ball Bearing

Replacing: 2000900001, 1900900206
 Servicing: 0001510001, 0001510002, 0001510003,
 0001510005, 0001510008, 0001510009,
 0001510010, 0001510017, 0001510018, 0001510019
 ID 45.00, OD 75.00, Height 10.00

Pkg. 10


142005 6805-2RS Ball Bearing

Replacing: 6033AC5145
 Servicing: 0001241003, 0001241007,
 0001241014, 0001241015
 ID 25.00, OD 37.00, Height 7.00


142055 F-227970.1 Ball Bearing

Manufacturer: Bosch
 Replacing: 6033AC0294
 Servicing: 0001330001, 0001330003, 0001330004,
 0001330005, 0001330006, 0001330007,
 0001330008, 0001330011, 0001330012, 0001330013
 ID 20.00, OD 58.00, Height 26.00



142062 6205DW P6-2RS/C3 Ball Bearing
ID 24.94, OD 52.00, Height 15.00,
Lock ring w/o, Oil seals w/o



142064 6905DWP6 2RS-C3 Ball Bearing
ID 24.95, OD 42.00, Height 8.97,
Lock ring w/o, Oil seals w/o
w/ 2 internal grooves.

Needle Bearings

Pkg. 10



140197 5★ Needle Bearing
Replacing: 2000910009, 2000910002
Servicing: 0001410015, 0001410016,
0001410017, 0001410018, 0001410019,
0001410021, 0001410022, 0001410023,
0001410024, 0001410025
ID 18.00, OD 24.00, Height 16.00

Pkg. 10



140198 5★ Needle Bearing
Replacing: 2000910005
Servicing: 0001410015, 0001410016,
0001410017, 0001410018, 0001410019,
0001410021, 0001410022, 0001410023,
0001410024, 0001410025
ID 34.00, OD 48.00, Height 15.00



Pkg. 10

140242 5★ Needle Bearing
Replacing: 9001140384
Servicing: PMGR SERIES, M78, M79,
00010DB98E, 0001107037, 0001107048,
0001107056, 0001107100, 0001107101,
0001107108, 0001107112
ID 12.00, OD 16.00, Height 10.00

Pkg. 10



140375 5★ Needle Bearing
Replacing: 9003330902
Servicing: 9000331201, 9000331203
ID 18.00, OD 24.00, Height 12.00

Pkg. 5



140468 5★ Needle Bearing
Replacing: 9003330906
Servicing: 0001230006, 0001230012,
0001230014, 0001231002, 0001231008,
0001231011, 0001231013, 0001231017,
0001231029, 0001231030
ID 8.00, OD 12.00, Height 10.00

Pkg. 10



140482 5★ Needle Bearing
Replacing: 1000917003
Servicing: 0001106023, 0001106024,
0001107030, 0001107032, 0001107059,
0001107064, 0001107075, 0001107078,
0001107079, 0001107080
ID 10.00, OD 14.00, Height 10.00



Pkg. 10

140494 5★ Needle Bearing
Replacing: 6033AC0093
Servicing: 0001223003, 0001223007,
0001223024
ID 12.00, OD 18.00, Height 12.00

Pkg. 5



140617 5★ Needle Bearing
Replacing: 9001140359, 140617
Servicing: 0001107072, 0001109001,
0001109002, 0001110003, 0001110005,
0001110017, 0001110025, 0001110026,
0001110042, 0001110055
ID 5.00, OD 9.00, Height 8.84

Pkg. 5



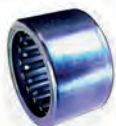
140619 5★ Needle Bearing
Servicing: 0001110001, 0001110002,
0001110007, 0001110008, 0001110009,
0001110010, 0001110011, 0001110012,
0001110013, 0001110014
ID 6.00, OD 10.00, Height 9.00

Pkg. 10



140620 5★ Needle Bearing
Replacing: 1000917001
Servicing: 0001106011, 0001106012,
0001106014, 0001106015, 0001106016,
0001106017, 0001106022, 0001106023,
0001106024, 0001107003
ID 6.00, OD 10.00, Height 8.00,
Lock ring w/o, Oil seals w/o,
Teflon ring w/o

Pkg. 5


140717 5★ Needle Bearing

Replacing: 2000910004

Servicing: 0001510001, 0001510002, 0001510003, 0001510004, 0001510005, 0001510006, 0001510008, 0001510009, 0001510010, 0001510011

ID 19.05, OD 25.05, Height 15.88

Pkg. 5


140733 5★ Needle Bearing

Servicing: 0001420001, 0001420012

ID 22.00, OD 28.00, Height 20.00

Pkg. 10


140807 5★ Needle Bearing

Replacing: 1000917004

Servicing: 0001106403, 0001106404, 0001106409, 0001106410, 0001107010, 0001107011, 0001107019, 0001107027, 0001107028, 0001107029

ID 10.00, OD 14.00, Height 14.00

Closed end.

Pkg. 5


140903 5★ Needle Bearing

Replacing: 9003330901

Servicing: 9000331201

ID 10.00, OD 17.00, Height 12.00

Pkg. 10


140904 5★ Needle Bearing

Replacing: 9003330903, 6033AC0105

Servicing: 0001218157, 0001218757, 0001223001, 0001223009, 0001223010, 0001223014, 0001223021, 0001230002, 0001230003, 0001230014

ID 12.00, OD 18.00, Height 16.00

Pkg. 5


140935 5★ Needle Bearing

Replacing: 1000917006

Servicing: 0001107031, 0001107032, 0001107049, 0001107415, 0001107429, 0001107431, 0001107432, 0001107437, 0001108444, 6004AA0003

ID 9.00, OD 13.00, Height 10.00


140946 Needle Bearing Kit

Replacing: 9001453666

Servicing: 0001371001

Pkg. 5


140971 5★ Needle Bearing

Replacing: 2000910013

Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012

ID 15.88, OD 23.88, Height 21.88

Closed end.

Pkg. 5


140972 5★ Needle Bearing

Replacing: 9000910012, 2000910012

Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008

ID 22.00, OD 28.00, Height 16.00

Pkg. 5


141007 5★ Needle Bearing

Manufacturer: Bosch

Replacing: 2000910015

Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, 0AA137200B, 0AA137200F

ID 16.00, OD 23.85, Height 18.95

Double sealed.

Pkg. 5


141015 5★ Needle Bearing

Replacing: 2000910011

Servicing: 0001370001, 0001370002, 0001371001, 9000453029, 9000453064, 9000453065, 9000453066, 9000453067, 9000453068, B001850025

ID 15.88, OD 20.64, Height 19.05

Pkg. 5


141040 5★ Needle Bearing

Replacing: 6033AC0352

Servicing: 0001330001, 0001330003, 0001330004, 0001330005, 0001330006, 0001330007, 0001330008, 0001330011, 0001330012, 0001330013

ID 30.00, OD 37.00, Height 16.00

Pkg. 5



141054 5★ Needle Bearing

Manufacturer: Bosch

Replacing: 1000917005, 1000917000

Servicing: 0001105205, 0001107070, 0001107071, 0001108113, 0001108114, 0001108133, 0001108174, 0001108175, 0001108200, 0001108201

ID 12.00, OD 16.00, Height 14.00

Pkg. 5



141084 5★ Needle Bearing

Replacing: 1000917007

Servicing: 0001121022, 0001121023, 0001124020, 0001124021, 0001125016, 0001125017, 0001125018, 0001125019, 0001125046, 0001125047

ID 30.50, OD 37.00, Height 15.90

Pkg. 10



141256 5★ Needle Bearing

Replacing: 1000917008

Servicing: 0001107404, 0001107405, 0001107410, 0001107418, 0001107429, 0001107435, 0001107437, 0001107441, 0001107501, 0001107502

ID 5.50, OD 8.50, Height 6.85

Pkg. 10



142001 5★ Needle Bearing

Replacing: 1000917012, 1000917010, 1000917009

Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120409

ID 28.10, OD 35.20, Height 14.60

Pkg. 10



142019 5★ Needle Bearing

Replacing: HK2512, 6033AC5059

Servicing: 0001241001, 0001241003, 0001241007, 0001241014, 0001241015, 6033AC5060

ID 25.00, OD 32.00, Height 12.00

Roller Bearings



140650 Roller Bearing

Replacing: 2000914012

Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019

ID 25.00, OD 62.00, Height 17.00, Rolls 10

Repair Kits



130968 Repair Kit

Replacing: 2007010007

Servicing: 0001354089, 0001358020, 0001358051, 0001358200, 0001358201, 0001358202, 0001359004, 0001359008, 0001359045, 0001359049



130969 5★ Repair Kit

Manufacturer: Bosch

Replacing: 2007011040

Servicing: 0001359072, 0001360004, 0001360005, 0001360010, 0001360012, 0001360014, 0001360017, 0001360019, 0001360020, 0001360022



130970 5★ Terminal Kit

Manufacturer: Bosch

Replacing: 2007011533, 2007011042, 2007011041, 2007001533

Servicing: 0001358020, 0001358046, 0001358047, 0001358049, 0001358051, 0001358200, 0001358201, 0001358202, 0001359002, 0001359003



133308 Terminal Kit

Replacing: 2004449086, 2004449002

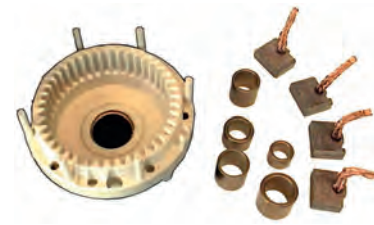
Servicing: 0001410037, 0001410068, 0001411013, 0001414011, 0001416001, 0001416006, 0001416014, 0001416018, 0001416028, 0001416031

Terminal 30: M10. Terminal 31: M10 insulated.



133309# Repair Kit

Servicing: 0001108 series



133310 Repair Kit

Servicing: 0001109, 0001110 series



133311 Repair Kit

Servicing: 0001218 series



133312 Repair Kit
Servicing: 0001354, 0001363 series



133313 Repair Kit
Servicing: 0001360, 0001364 series,
9000143501



133314 Repair Kit
Servicing: 0001358, 0001359, 0001365
series



133316 Repair Kit
Servicing: 0001362, 0003167 series



133317 Repair Kit
Servicing: 0001367 series



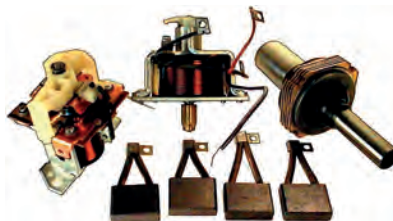
133318 Repair Kit
Servicing: 0001368 series



133540 Repair Kit
For FKB-24 V insulated. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130283, 130305. Brush set: HC-CARGO BSX1314.



134009 Repair Kit
Servicing: 0001415016
For FKB-24 V earthed. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130304, 133554. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX1314.



134010 Repair Kit
Servicing: 0001415016
For FKB-24 V earthed. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130304, 133554. Brush set: HC-CARGO BSX1314.



134050# Repair Kit
Servicing: 1006200017, 1006200900



134053# Repair Kit
Servicing: 1006200019, 1006200904



134606 Repair Kit
Manufacturer: Bosch
Replacing: 2007011003
Servicing: 0001401041, 0001401044,
0001401046, 0001401049, 0001401050,
0001401052, 0001401057, 0001401060,
0001401066, 0001401067



134607 Repair Kit
Replacing: 2007011029
Servicing: 0001410015, 0001410016,
0001410017, 0001410018, 0001410019,
0001410021, 0001410022, 0001410024,
0001410029, 0001410032
Terminal 50. New type: HC-CARGO 139071.



135205 Repair Kit
For FKB-24 V. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130283, 130304. Repair set: HC-CARGO 137016. Brush set: HC-CARGO BSX1314.



135303 Repair Kit

For FKB-24 V earthed. Includes: Solenoid: HC-CARGO 130304, 133554. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX1314.



136053 Terminal Kit

Replacing: 2007011046
 Servicing: 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364106, 0001364108, 0001364200, 0001364201



136282 Repair Kit

For FKB-24 V earthed. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130304, 133554. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX1484.



136695 Terminal Kit

Replacing: 2007011057
 Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010



136856 5★ Repair Kit

Manufacturer: Bosch
 Replacing: 1007010079
 Servicing: 0001106403, 0001106404, 0001106407, 0001106409, 0001106410, 0001107448, 0001107449, 0001107532, 0001107533, 0001120400



136914 5★ Repair Kit

Manufacturer: Bosch
 Replacing: 1007010040
 Servicing: 0001108019, 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010



136915 5★ Repair Kit

Manufacturer: Bosch
 Replacing: 1007010081, 1007010039
 Servicing: 0001090112, 0001090115, 0001090137, 0001090139, 0001090141, 0001090144, 0001105205, 0001106001, 0001106002, 0001106004



136970 5★ Repair Kit

Manufacturer: Bosch
 Replacing: 1007010070
 Servicing: 0001106011, 0001106014, 0001106015, 0001106018, 0001106019, 0001106020, 0001107059, 0001107077, 0001107082, 0001108022



137001 5★ Repair Kit

Manufacturer: Bosch
 Replacing: 2007011069
 Servicing: 0001410029, 0001410062, 0001413017, 0001414011, 0001415007, 0001416001, 0001416002, 0001416003, 0001416004, 0001416005



137016 Repair Kit

Replacing: 1987010000
 Servicing: STARTER FKB, 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410024, 0001410037, 0001410041, 0001410044

Alternative no.: 333731 5★



137173 5★ Repair Kit

Manufacturer: Bosch
 Replacing: 1007010004
 Servicing: 0001204102, 0001204103, 0001207001, 0001207003, 0001207005, 0001207009, 0001207015, 0001207016, 0001207017, 0001207018



137270 5★ Repair Kit

Manufacturer: Bosch
 Replacing: 1007010046
 Servicing: 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107410, 0001107411, 0001107417


137883 Sealing Kit

Replacing: 2007010053

Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010


138412 Terminal Kit

Servicing: 0001416010, 0001417037

Terminal 30: M12. Terminal 31: M10 insulated.


138927 Terminal Kit

Replacing: 2004632026

Servicing: 0001410015, 0001410016, 0001410024, 0001410041, 0001410044, 0001410046, 0001410053, 0001410063, 0001410067, 0001410088

Terminal 30: M10. Terminal 31: M10.


139015 Repair Kit

Manufacturer: Bosch

Servicing: 0001107067, 0001107076, 0001108166, 0001108167, 0001108173, 0001108180, 0001108182, 0001108183, 0001108186, 0001115002


139071 Terminal Kit

Replacing: 2007011070

Servicing: 0001108107, 0001410024, 0001410029, 0001410062, 0001410088, 0001411009, 0001411023, 0001413017, 0001414011, 0001415007

Terminal 50. New type.


139152 Repair Kit

Manufacturer: Bosch

Replacing: 2007010032, 2007010020

Servicing: 0001354080, 0001354082, 0001354088, 0001354090, 0001354091, 0001354092, 0001354093, 0001354094, 0001354095, 0001354099


139292 Terminal Kit

Servicing: 0001416002, 0001416038, 0001416040, 0001416043, 0001416062, 0001417007, 0001417036

Terminal 30: M12. Terminal 31: M10. Grounded.


139576 Repair Kit

12 V

Contains: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 132803, 133487. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX1304.


139699 Repair Kit

Manufacturer: Bosch

Replacing: 9003337010, 2002033007

Servicing: 0001230001, 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010

ID 10.10, Length 31.30


230019 Terminal Kit

Servicing: 0001417065, 0001417069

Terminal 30: M12. Terminal 31: M12 insulated. New type.


230021 Terminal Kit

Servicing: 0001416079

Terminal 30: M10. Terminal 31: M10 grounded. New type.


230022 Terminal Kit

Terminal 30: M10. Terminal 31: M10 insulated. New type.



230023 Terminal Kit
Terminal 30: M12. Terminal 31: M10 grounded. New type.



230024 Terminal Kit
Terminal 30: M12. Terminal 31: M10 insulated. New type.



230329 Repair Kit
24 V
For FKB-24 V insulated. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130283, 130305. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX172-1734.



230330 Repair Kit
For FKB-24 V earthed. includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130304, 133554. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX172-1734.
Alternative no.: 333733



230331 Repair Kit
For FKB-24 V earthed. Includes: Solenoid: HC-CARGO 130304, 133554. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX172-1734.



230846 Terminal Kit
Replacing: 2007011071
Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008



231086 5★ Repair Kit
Manufacturer: Bosch
Replacing: 2007010133
Servicing: 0001359021, 0001359038, 0001359083, 0001360035, 0001362039, 0001362060, 0001362064, 0001362069, 0001362070, 0001362073



231645 Terminal Kit
Replacing: 2007011072
Servicing: 0001410037, 0001416062, 0001416067, 0001417075, 0001417076, 0001418016
Terminal 50.



231649 5★ Repair Kit
Manufacturer: Bosch
Replacing: 6033AD0047
Servicing: 0001223001, 0001223004, 0001223005, 0001223006, 0001223008, 0001223009, 0001223011, 0001223012, 0001223013, 0001223014



231651 5★ Repair Kit
Manufacturer: Bosch
Replacing: 6033AD0064
Servicing: 0001223002, 0001223003, 0001223007, 0001223016, 0001223021, 0001223024, 0001230006, 0001230014



234040 5★ Repair Kit
Manufacturer: Bosch
Replacing: 2007010011
Servicing: 0001354016, 0001354018, 0001354029, 0001354031, 0001354038, 0001354055, 0001354077, 0001354085, 0001354086, EJD1



234657 5★ Repair Kit
Manufacturer: Bosch
Replacing: 9001337095
Servicing: 0001218172, 0001218173



235147 5★ Repair Kit
Manufacturer: Bosch
Replacing: 1007010093
Servicing: 0001106405, 0001106406, 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107408



239112 Repair Kit

Manufacturer: Bosch

Replacing: 6033AD6014

Servicing: 0001330001, 0001330003, 0001330004, 0001330005, 0001330006, 0001330007, 0001330008, 0001330011, 0001330012, 0001330013



333490 Repair Kit

Manufacturer: Bosch

Replacing: F00M147855, F00M147802

Servicing: 0124555002, 0124555019, 0124555022, 0124555023, 0124555025, 0124555028, 0124555052, 0124555069, 0124555071, 0124555072

ID 35.00, OD 38.00, Height 51.00

Alternative no.: 333609



333733 Repair Kit

For FKB-24 V earthed. includes: Clutch: HC-CARGO 130317. Solenoid 5*: HC-CARGO 333154, 333155. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX172-1734. Alternative no.: 230330



333752 Repair Kit

Manufacturer: Bosch

Replacing: 2007010139

Servicing: 0001340501, 0001340502, 0001340503, 000134BB01, 000134BH01

Sundry Parts

Covers

Pkg. 5



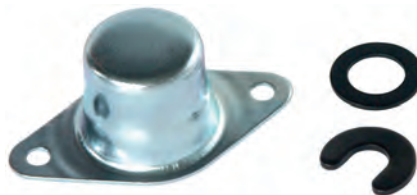
134683 Cover

Replacing: 2000556057, 2000556056

Servicing: 0001362005, 0001362006, 0001362008, 0001362034, 0001362035, 0001362036, 0001362038, 0001362039, 0001362040, 0001362041

OD 40.00, Height 15.55

Bosch.



137792 Cover

Replacing: 1005505012, 1000520033

Servicing: 0001108003, 0001108005, 0001108006, 0001108074, 0001108112, 0001108125, 0001108128, 0001108130, 0001110040, 0001110052

OD 30.00, Height 21.00, Rubber w/o

Pkg. 10



138856 Cover

Replacing: 1000505010

Servicing: 0001204102, 0001207001, 0001207003, 0001207005, 0001207009, 0001207015, 0001207016, 0001207017, 0001207018, 0001207019

OD 32.00, Height 20.00

Bosch.

Pkg. 10



139011 Cover

Replacing: F000AL1074, 1000520075, 1000520070, 1000520068, 1000520049, 1000520045, 1000520034

Servicing: 00010DB98E, 0001105205, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019

Height 19.50

Pkg. 10



139359 Cover

Replacing: 2000556090

Servicing: 0001362092, 0001362096, 0001362601, 0001363120, 0001363122, 0001363128, 0001363130, 0001368001, 0001368007, 0001368035

OD 34.60, Height 14.30

Bosch.



231189 Cover

Replacing: 2000505001

Servicing: 0001157001, 0001157002, 0001157003, 0001157004, 0001157005, 0001157006, 0001157008, 0001157011, 0001157012, 0001157015

OD 29.90, Height 20.00



231278 Cover

Manufacturer: Bosch

Replacing: 2000034001, 2000034000

Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008

Pkg. 5



234335 Cover

Replacing: 0001231009, 0001231014
ID 20.50, OD 23.60, Height 14.20

Pkg. 5



235196 Cover

Replacing: 1000520074, 1000520066
Servicing: 0001106016, 0001106403, 0001106404, 0001106405, 0001106406, 0001107009, 0001107015, 0001107039, 0001107044, 0001107063

Oil Seals

Pkg. 10



131448 Oil Seal

Replacing: 2000283013
Servicing: 0001410024, 0001410032, 0001410035, 0001410043, 0001410046, 0001410047, 0001410049, 0001410052, 0001410058, 0001410065
ID 33.00, OD 45.00, Height 7.00

Pkg. 10



131449 Oil Seal

Manufacturer: Bosch
Replacing: 2000212000
Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025
ID 31.90, OD 44.35, Height 2.65
Spring: HC-CARGO 131450.

Pkg. 10



132382 Oil Seal

Servicing: 40MT, 42MT, 50MT
ID 19.50, OD 34.90, Height 9.50

Pkg. 5



135372 Oil Seal

Replacing: 2000283015, 2000283012
Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019
ID 35.00, OD 47.00, Height 7.00

Pkg. 5



135575 Oil Seal

Replacing: 2916740049
Servicing: 0001362321, 0001362331, 0001363128, 0001363130, 0001367036, 0001367038, 0001367046, 0001367051, 0001367054, 0001367057
ID 19.00, OD 27.00, Height 6.00

Pkg. 5



135579 Oil Seal

Replacing: 2000283016
Servicing: 0001359023, 0001359031, 0001359035, 0001359050, 0001359051, 0001359054, 0001359059, 0001359066, 0001359089, 0001359092
ID 19.00, OD 32.00, Height 7.00

Pkg. 5



136665 Oil Seal

Servicing: 0001420... , 0001420001, 0001420003, 0001420004, 0001420009, 0001420010, 0001420011, 0001420012, 0001420013, 0001420015
ID 22.00, OD 35.00, Height 7.00

Pkg. 10



136791 Oil Seal

Replacing: 1000221001
Servicing: 0001212206, 0001212207, 0001212208, 0001212209, 0001212210, 0001212211, 0001212212, 0001212213, 0001212214, 0001212400
ID 27.00, OD 40.00, Height 3.80
Spring: HC-CARGO 135397.

Pkg. 10



137177 Oil Seal

Replacing: 1000221000, 0124035480
Servicing: 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212200, 0001212202, 0001212204, 0001212208
ID 25.00, OD 37.00, Height 3.55

Pkg. 10



230448 Oil Seal

Replacing: 9001453583
Servicing: 0001370001, 0001370002, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371012, 0001371014
ID 20.09, OD 32.00, Height 6.30

Pkg. 10


231343 5★ Oil Seal

Manufacturer: Bosch

Replacing: 1000500094

 Servicing: 0001121022, 0001121023,
0001124020, 0001124021, 0001125016,
0001125017, 0001125018, 0001125019,
0001125046, 0001125047

ID 30.00, OD 40.00, Height 2.70

Pkg. 10


233545 5★ Oil Seal

Manufacturer: Bosch

Replacing: 1000500092, 1000500091

 Servicing: 0001121001, 0001121002,
0001121003, 0001121006, 0001121007,
0001121008, 0001121009, 0001121010,
0001121011, 0001121016

ID 28.00, OD 38.00, Height 2.50


236644 5★ Oil Seal

Manufacturer: Bosch

Replacing: 6033AC0285

 Servicing: 0001230002, 0001230014,
0001231019, 0001231028, 0001231040,
6033AD3169, 6033AD4049

ID 54.10, OD 72.25, Height 4.10

Pkg. 10


237766 Oil Seal

Replacing: 6033AC5028, 237766

 Servicing: 0001241001, 0001241003,
0001241004, 0001241005, 0001241006,
0001241007, 0001241014, 0001241015,
0001241019, 0001241020

ID 30.00, OD 40.00, Height 7.00

Pkg. 10


239111 Oil Seal

Replacing: 6033AC0424

 Servicing: 0001330001, 0001330003, 0001330004,
0001330005, 0001330006, 0001330007,
0001330008, 0001330011, 0001330012, 0001330013

ID 26.00, OD 42.00, Height 7.00

O-rings

Pkg. 10


131444 5★ O-ring

Replacing: 2000210083, 2000210014

 Servicing: 0001401044, 0001401046, 0001401049,
0001401050, 0001401067, 0001401069,
0001401071, 0001401073, 0001402018, 0001402050

 ID 142.00, Thickness 3.00, Material Rubber
Bosch.

Pkg. 10


134612 O-ring

 Servicing: 0001231004, 0001231012, 0001359111,
0001362039, 0001362092, 0001367010,
0001367039, 0001367070, 0001368070, 0001368304

ID 35.00, Thickness 2.00

Pkg. 10


134613 5★ O-ring

Replacing: 2000210079

 Servicing: 0001358020, 0001358047, 0001358049,
0001358051, 0001358200, 0001358201,
0001358202, 0001359016, 0001359019, 0001359038

 Thickness 3.00
Bosch.

Pkg. 10


134776 O-ring

 Servicing: 0001420010, 0001420011,
0001420015, 0001420024

ID 12.00, Thickness 3.00

Pkg. 10


134965 O-ring

Replacing: 1480210075

 Servicing: 0001330001, 0001330003,
0001330004, 0001330005, 0001330006,
0001330007, 0001330008, 0001330011,
0001330012, 0001330013

ID 100.00, Thickness 2.00

Pkg. 10


136340 O-ring

Replacing: 2000210028

 Servicing: 0001358202, 0001359002,
0001359003, 0001359008, 0001359010,
0001359012, 0001359014, 0001359016,
0001359020, 0001359025

ID 105.00, Thickness 4.00

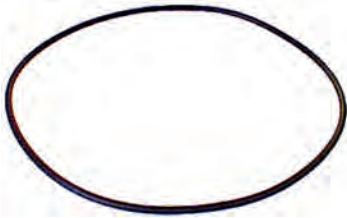
Pkg. 5


136690 O-ring

 Servicing: 0001415007, 0001416004,
0001416012, 0001416074, 0001420001,
0001420010, 0001420011, 0001420012,
0001420015, 0001420024

 ID 83.00, Thickness 3.00
For FKB.

Pkg. 5



136691 O-ring

Servicing: 0001420..., 0001359021, 0001420001, 0001420010, 0001420011, 0001420012, 0001420015, 0001420024
ID 123.00, Thickness 3.00

Pkg. 10



138750 O-ring

Servicing: 0001360023, 0001360036
ID 6.00, Thickness 3.00, Material Rubber

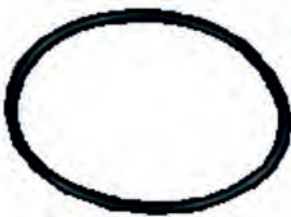
Pkg. 10



230447 O-ring

Replacing: 2000210095
Servicing: 0001370002, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371012, 0001371014, 0001371017
ID 105.00, Thickness 2.00
Bosch.

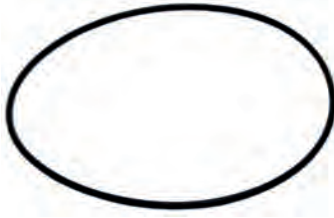
Pkg. 10



230634 O-ring

Replacing: 1900210142
Servicing: 0001370002, 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010
ID 40.00, Thickness 2.50
Bosch.

Pkg. 5



237603 O-ring

Replacing: 9003330205
Servicing: 0001230001, 0001230013, 0001230027, 0001231001, 0001231002, 0001231004, 0001231006, 0001231014, 0001231018, 0001231033
Thickness 2.00

Rods



131443 Rod

Replacing: 2007010045, 2003050075, 2003050058, 2003050056, 2003050052
Servicing: 0001410015, 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410024, 0001410035, 0001410037, 0001410041
OD 9.66, Length 325.00



132802 Rod

Replacing: 2003050076
Servicing: 0001410029, 0001410062, 0001413001, 0001413003, 0001413004, 0001413005, 0001413006, 0001413007, 0001413008, 0001413009
Length 290.00



132843 Rod

Replacing: 2003050040
Servicing: 0001416005, 0001416070, 0001417001, 0001417002, 0001417005, 0001417006, 0001417007, 0001417008, 0001417012, 0001417013
Length 310.00



134441 Rod

Replacing: 2007010048, 2003050077
Servicing: 0001510001, 0001510002, 0001510003, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019, 0001510020
Length 355.50
Nut: HC-CARGO 233930. Lock washer: HC-CARGO 233929.

Thru Bolts

Pkg. 10



134617 Through Bolt

Replacing: 1003527149, 1003527132
Servicing: 0001108166, 0001108167, 0001110003, 0001110009, 0001110010, 0001110012, 0001110013, 0001110016, 0001110019, 0001110022
Total length 180.00, Thread size M5/M6

Pkg. 5


135552 Through Bolt

Replacing: 2003526043, 2003526006
 Servicing: 0001367001, 0001367002, 0001367004, 0001367005, 0001367006, 0001367007, 0001367008, 0001367009, 0001367010, 0001367011

Total length 210.00, Thread size M6,
 Thread size/rear M6

Pkg. 10


135782 Through Bolt

Replacing: 1003527135, 1003527103, 1003421003

Servicing: 0001108018, 0001108021, 0001108028, 0001108029, 0001108038, 0001108039, 0001108042, 0001108047, 0001108048, 0001108054

Total length 153.00, Thread length 24.00,
 Thread size M5, Thread size/rear M5

Pkg. 10


135859 Through Bolt

Replacing: 2003410065

Servicing: 0001358051, 0001358200, 0001358201, 0001358202, 0001359002, 0001359003, 0001359008, 0001359010, 0001359012, 0001359014

Total length 195.00, Thread size M5,
 Thread size/rear M6

Pkg. 10


135982 Through Bolt

Replacing: 1003527105
 Servicing: 0001107027, 0001107028, 0001107427, 0001107428, 0001112005, 0001112006, 0001112013, 0001112014, 0001112025, 0001208516

Total length 137.00,
 Length/rear collar 121.05,
 Thread length 19.06, Thread size M5,
 Thread size/rear M5

Pkg. 2


137179 Through Bolt

Replacing: 9001333518, 9001333517
 Servicing: 0001218011, 0001218012, 0001218018, 0001218024, 0001218027, 0001218028, 0001218103, 0001218113, 0001218114, 0001218115

Total length 180.00, Thread size M6,
 Thread size/rear M6

Pkg. 2


139991 Through Bolt

Replacing: 1003527151
 Servicing: 0001107043, 0001107087, 0001108087, 0001108106, 0001108143, 0001113010, 0001113017, B001111361

Total length 136.00/153.00,
 Thread size M5, Thread size/rear M6

Pkg. 2


230453 Through Bolt

Replacing: 1003450053, 1003450028, 1003450012

Servicing: 0001109069, 0001109070, 0001109252, 0001109262, 0001109263, 0001109264, 0001109271, 0001109272, 0001109273, 0001109274

Total length 165.00,
 Length/rear collar 161.55,
 Thread length 20.35, Thread size M5

Pkg. 2


230615 Through Bolt

Replacing: 2003526045, 2003526032
 Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, 0001413001, 0001413003

Total length 215.00, Thread size M6,
 Thread size/rear M6

Pkg. 2


230701 Through Bolt

Replacing: 1003450030, 1003450014
 Servicing: 0001106011, 0001106016, 0001106020, 0001107003, 0001107004, 0001107007, 0001107008, 0001107009, 0001107010, 0001107011

Total length 119.55,
 Length/rear collar 115.00,
 Thread length 18.35, Thread size M5



Pkg. 2

230702 Through Bolt

Replacing: 1003527038
 Servicing: 0001107054, 0001107055, 0001107068, 0001107069, 0001107073, 0001107074
 Total length 164.00, Thread size M5, Thread size/rear M5

Pkg. 2



230708 Through Bolt

Replacing: 1003450076, 1003450050, 1003450029, 1003450018
 Servicing: 00010DB98E, 0001108156, 0001108157, 0001108162, 0001108166, 0001108167, 0001108169, 0001108171, 0001108172, 0001108173
 Total length 150.00, Length/rear collar 149.00, Thread length 19.90, Thread size M5

Pkg. 2



230726 Through Bolt

Replacing: 9001333446, 6033AC3116, 2003415011, 2003415003
 Servicing: 0001230001, 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010
 Total length 175.00, Length/rear collar 170.00, Thread length 25.60, Thread size M6



Pkg. 2

230730 Through Bolt

Replacing: 2003526044, 2003526023
 Servicing: 0001362001, 0001362002, 0001362003, 0001362004, 0001362005, 0001362006, 0001362008, 0001362009, 0001362010, 0001362012
 Total length 181.00, Thread size M6, Thread size/rear M6

Pkg. 2



230772 Through Bolt

Replacing: 1003450052, 1003450042, 1003450015
 Servicing: 0001106011, 0001106015, 0001106018, 0001106019, 0001106403, 0001106404, 0001106405, 0001106406, 0001106407, 0001106409
 Total length 119.00, Length/rear collar 118.65, Thread length 19.00, Thread size M5

Pkg. 5



231018 Through Bolt

Replacing: 2003526008
 Servicing: 0001413001, 0001413003, 0001413004, 0001413005, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010, 0001413011
 Total length 162.00, Thread size M6, Thread size/rear M6



Pkg. 5

231019 Through Bolt

Replacing: 2003526015
 Servicing: 0001411017, 0001411026, 0001416061, 0001416065, 0001417001, 0001417002, 0001417005, 0001417006, 0001417007, 0001417008
 Total length 182.00, Thread size M6, Thread size/rear M6

Pkg. 5



231020 Through Bolt

Replacing: 2003526018
 Servicing: 0001411017, 0001411026, 0001416061, 0001416065, 0001417001, 0001417002, 0001417005, 0001417006, 0001417007, 0001417008
 Total length 231.00, Thread size M6, Thread size/rear M6

Pkg. 5



231022 Through Bolt

Replacing: 9001333441, 9001333417
 Servicing: 0001218004, 0001218005, 0001218008, 0001218012, 0001218013, 0001218016, 0001218017, 0001218018, 0001218021, 0001218022
 Total length 160.00, Length/rear collar 15.45, Thread length 16.55, Thread size M6

Pkg. 2


231259# Through Bolt

Replacing: 1003450054, 1003450041, 1003450023

Servicing: 0001108208, 0001108209, 0001108211, 0001108212, 0001109034, 0001109204, 0001109340, 0001109341, 0001109355, 0001109356

 Total length 160.00,
 Length/rear collar 155.35,
 Thread length 20.20, Thread size M5

Pkg. 2


231277 Through Bolt

Replacing: 2003415001

Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012

 Total length 204.00,
 Length/rear collar 203.75,
 Thread length 26.00, Thread size M6

Pkg. 10


231627 Through Bolt

Replacing: 2123410003

Servicing: 0120689519, 0120689529, 0120689536, 0120689537, 0120689544, 0120689547, 0120689554, 0120689556, 0120689560, 0120689589

 Total length 186.10,
 Length/rear collar 180.20,
 Thread length 23.35, Thread size M6

Pkg. 10


231654 Through Bolt

Replacing: 1003527114

Servicing: 0001311100, 0001311103, 0001311104, 0001311108, 0001311110, 0001311111, 0001311112, 0001311113, 0001311114, 0001311125

 Total length 149.00/166.00,
 Thread size M6, Thread size/rear M6

Pkg. 2


231708 Through Bolt

Replacing: 2003526042

Servicing: 0001358020, 0001358047, 0001369001, 0001369005, 0001369006, 0001369007, 0001369012, 0001369014, 0001369015, 0001369016

 Total length 175.00/192.00,
 Thread size M6, Thread size/rear M6

Pkg. 10


234050 Through Bolt

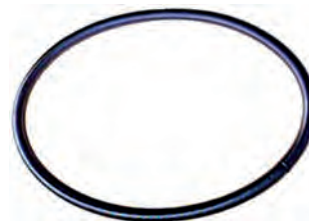
Replacing: 1003527158, 1003527043, 1003527036

Servicing: 0001107076, 0001108011, 0001108172, 0001108199, 0001108411, 0001108412, 0001109011, 0001109015, 0001109033, 0001109042

 Total length 150.00/168.00,
 Thread size M5, Thread size/rear M6

Various

Pkg. 10


131450 Spring

Replacing: 2004650030, 2000650030

Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025

OD 36.70

Dust cover: HC-CARGO 131449.

Pkg. 10


131453 Washer

Replacing: 2000102622, 2000102621, 2000102620

Servicing: 0001410015, 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410024, 0001410029, 0001410035, 0001410037

 ID 22.00, OD 31.95, Thickness 0.30,
 Material Steel

131454 Clutch Housing

Replacing: 2005825077

Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025

 Dist./mount. holes 10.35, OD 39.80,
 No./mount. holes 4



131841 Key

Replacing: 1902300090
 Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025
 Length 31.80, Thickness 4.00, Width 6.00

Pkg. 5



132203 Washer

Replacing: 2000101600
 Servicing: 0001367302, 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402018
 ID 14.20, OD 19.80, Thickness 0.50, Material Steel

Pkg. 10



132207 Fibre Washer

Replacing: 2000107000
 Servicing: 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402018, 0001402050
 ID 17.30, OD 34.00, Thickness 1.50, Material Fiber

Pkg. 10



132208 Washer

Replacing: 2000108021
 Servicing: 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402008, 0001402018
 ID 16.00, OD 24.00, Thickness 2.80, Material Fiber

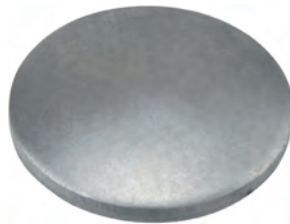
Pkg. 10



132222# Spring

Replacing: 2004641000
 Servicing: 0001359045, 0001359069, 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073
 OD 40.35
 Dust cover: HC-CARGO 132296.

Pkg. 10



132982 Plug

Replacing: 2916090013
 Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, OAA137200B, OAA137200F
 OD 26.00, Height 1.85

Pkg. 10



133603 Terminal Bolt

Replacing: 2003590004, 2003590003, 2001030031
 Servicing: 0001410065, 0001410067, 0001411017, 0001411025, 0001411026, 0001411027, 0001416002, 0001416010, 0001416023, 0001416038
 Total length 122.25, Thread length 34.10, Thread size M12
 Terminal 30.

Pkg. 10



134372 Felt



134769 Washer

ID 22.30, OD 27.20, Thickness 1.60, Material Fiber

Pkg. 100



134771 Gasket

Length 15.70, Thickness 8.55, Width 13.65

Pkg. 10



134772 Bushing

Replacing: 1000301029
 Servicing: 0001107066, 0001107089, 0001107411, 0001107490, 0001107491, 0001108202, 0001108204, 0001108224, 0001108234, 0001108235
 ID 8.60, OD 11.00, Length 10.95
 D.E. bracket: HC-CARGO 136289.

Pkg. 10



134958 Insulator

Servicing: 0001208506, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517, 0001208518, 0001208519, 0001208520

Pkg. 5

Pkg. 5


134959 Insulator

Servicing: 0001312108, 0001312109,
 0001317007, 0001317008, 0001317009,
 0001317010, 0001317011, 0001317012,
 0001317013, 0001317016

Pkg. 5


135050 Grommet

Servicing: 0001108143, 0001208506,
 0001208513, 0001208514, 0001208515,
 0001208516, 0001208517, 0001208518,
 0001208519, 0001208520

Pkg. 10


135051 Grommet

Servicing: 0001107003, 0001107004,
 0001107005, 0001107006, 0001107007,
 0001107008, 0001107009, 0001107012,
 0001107013, 0001107014

Pkg. 10


135052 Grommet

Servicing: 0001106019, 0001107014,
 0001108061, 0001108123, 0001108125,
 0001108197, 0001109040, 0001110001,
 0001110002, 0001110003

Dim. A 20.00, Dim. C 16.55

Pkg. 10


135055 Grommet

Servicing: 0001312108, 0001312109,
 0001317007, 0001317008, 0001317009,
 0001317010, 0001317011, 0001317012,
 0001317016, 0001317017

Dim. A 23.65, Dim. B 19.35, Dim. D 6.22

Pkg. 10


135060 Felt

Servicing: 0001108202, 0001108240

Pkg. 100


135195 Lock Washer

Servicing: 0001147404
 ID/housing 8.00, OD/housing 15.00,
 Thickness 3.90, Material Steel

Pkg. 10


135259 Grommet

Servicing: 0001208172, 0001208202,
 0001208203, 0001208205, 0001208211,
 0001208214, 0001208223, 0001208224,
 0001208229, 0001208232

Dim. A 10.20, Dim. C 25.50

Pkg. 10


135291 Brake Washer

Servicing: 0001107423, 0001107424,
 0001107439, 0001107448, 0001107449,
 0001107450, 0001107451, 0001107508,
 0001107509, 0001107534

ID 12.50, OD 23.00, Thickness 1.90

Pkg. 10


135302 Insulator

ID 11.60, OD 17.50, Height 8.00

Pkg. 5


135397 Spring

Replacing: 2004650035, 1004617004
 Servicing: 0001212005, 0001212006,
 0001212007, 0001212008, 0001212011,
 0001212012, 0001212200, 0001212202,
 0001212204, 0001212206

OD 29.15
 Dust cover: HC-CARGO 136791.

Pkg. 10


135522 Washer

ID 19.50, OD 33.00, Thickness 0.50, Material Fiber



135523 Washer
ID 19.50, OD 33.00, Thickness 1.50,
Material Fiber

Pkg. 10



135576 Rubber Boot
Replacing: 1330503703, 1330503702
Servicing: 0001107049, 0001360022,
0001360023, 0001360036, 0001360037,
0001360049, 0001360052, 0001360065,
0001362039, 0001362105
ID 13.45, Thickness 27.40,
Material Rubber
Solenoid: HC-CARGO 131053, 131141.

Pkg. 5



135580 Gasket
Replacing: 2000290012
Servicing: 0001362321, 0001362331,
0001363128, 0001363130, 0001367036,
0001367038, 0001367046, 0001367051,
0001367054, 0001367057
Thickness 1.20, Material Rubber

Pkg. 5



135634 Brake Washer
Servicing: 0001114014, 0001114020,
0001114021, 0001211228, 0001211246
ID 15.50, OD 23.00, Thickness 2.10

Pkg. 10



135637 Lock Ring
Servicing: 0001212005, 0001212006,
0001212007, 0001212008, 0001212012,
0001212206, 0001212207, 0001212208,
0001212209, 0001212211
OD/housing 37.60, Thickness 1.50

Pkg. 10



135645 Screw
Replacing: 9001140194, 2910960285,
2003429060, 2003429057, 2003429055
Servicing: 0001157021, 0001218006,
0001218011, 0001218012, 0001218013,
0001218014, 0001218018, 0001218019,
0001218021, 0001218022
Thread M10, Total length 16.00,
Thread length 11.00

Pkg. 10



135846 Retaining Ring
Servicing: 0001106405, 0001106406,
0001107007, 0001107008, 0001107031,
0001107049, 0001107401, 0001107402,
0001107403, 0001107404
Stop collar: HC-CARGO 137742.

Pkg. 10



135847 Retaining Ring
Servicing: 0001105205, 0001106011,
0001106012, 0001106014, 0001106015,
0001106016, 0001106017, 0001106018,
0001106019, 0001106022
Thickness 2.00, Material Steel
Stop collar: HC-CARGO 137742.

Pkg. 10



135848 Stop Collar
Replacing: 1000202004
Servicing: 0001106405, 0001106406,
0001107007, 0001107008, 0001107031,
0001107049, 0001107066, 0001107401,
0001107402, 0001107403
ID 11.00, OD 16.70, Height 4.70

Pkg. 5



135876 Screw
Replacing: 9001140371, 2910961287,
2003429059, 2003429058
Servicing: 0001218002, 0001218003,
0001218004, 0001218005, 0001218006,
0001218007, 0001218008, 0001218009,
0001218010, 0001218011
Thread M10, Total length 17.90,
Thread length 14.00, Slot type Torx,
Countersink No

Pkg. 10



136169 Nut
Replacing: 2003315040, 2003315004, 2003315002
Servicing: 0001410015, 0001410016, 0001410024,
0001410029, 0001410037, 0001410041,
0001410046, 0001410053, 0001410062, 0001410063
Thread M10, OD 17.00, Lock nut Yes

Pkg. 10



136237 Washer
Replacing: 2000101015, 2000101014
Servicing: 0001359023, 0001359031,
0001359035, 0001359050, 0001359051,
0001359054, 0001359059, 0001359066,
0001359089, 0001359092
ID 19.50, OD 35.00, Thickness 2.50,
Material Steel

Pkg. 5

Pkg. 5


136273# Gasket

 ID 28.00, ID/mount. hole 6.15,
OD 54.50, Thickness 1.30

Pkg. 10


136274 Gasket

Servicing: M50

Length 75.00, Thickness 0.55, Width 8.00

Pkg. 5


136278 Gasket

Servicing: JF, JD series

Length 315.00, Thickness 0.45, Width 38.00

Pkg. 5


136281 Gasket

 Length 300.00, Thickness 0.40,
Width 17.50

Pkg. 25


136306 Insulator Bushing

ID 4.00, OD 6.00, Length 7.90

Pkg. 25


136307 Washer

Servicing: 0001416079

 ID 4.15, OD 13.00, Thickness 1.45,
Material Fiber

Pkg. 10


136308 Washer

 Servicing: 0001107015, 0001107044,
0001108048, 0001108121, 0001108126,
0001108136, 0001108153, 0001108159,
0001109034, 0001109252

 ID 10.00, OD 24.20, Thickness 2.00,
Material Fiber

Pkg. 5


136437 Pivot Pin

Replacing: 1003450003

 Servicing: 0001157006, 0001157015,
0001157023, 0001157025, 0001157026,
0001157028, 0001157029, 0001204102,
0001208019, 0001208020

 Total length 36.25, Length/
rear collar 32.00, Thread length 8.60,
Thread size M6

Pkg. 1000


136653 Gasket

 ID 10.20, OD 15.45, Thickness 1.00
For M10 bolt.

136696 Gasket

Replacing: 1330290700

 Servicing: 0001420001, 0001420002,
0001420003, 0001420004, 0001420005,
0001420006, 0001420007, 0001420008,
0001420009, 0001420010

 ID 64.20, OD 81.90, Thickness 8.45,
Material Rubber

136697 Washer

Replacing: 2000112007

 Servicing: 0001420001, 0001420002,
0001420003, 0001420004, 0001420005,
0001420006, 0001420007, 0001420008,
0001420009, 0001420010

 ID 21.50, OD 50.20, Thickness 5.00,
Material Plastic

Pkg. 25


136735 Insulator Bushing

Servicing: 0001416079

ID 4.00, OD 6.50, Length 6.90

Pkg. 10


136765 Terminal Lead

ID 8.45, Lead length 49.00

Pkg. 5



136971# Washer

Replacing: 2000101093
 Servicing: 0001211525, 0001211526, 0001211529, 0001211530, 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069
 ID 12.25, OD 21.50, Thickness 2.15, Material Steel



136973# Cover Fastening Kit

For FKB.



137029 Terminal Bolt

Replacing: 2004449088
 Servicing: 0001107100, 0001107101, 0001107108, 0001417065, 0001417069, 0001417076, B001411400
 Total length 91.75, Thread length 34.40, Thread size M12
 Terminal 31.

Pkg. 5



137172 Stop Collar

Replacing: 2000500018
 Servicing: 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212200, 0001212202, 0001212204, 0001212206
 ID 27.50, OD 45.20, Height 5.00

Pkg. 5



137176 Washer

Replacing: 1000102005
 Servicing: 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212200, 0001212202, 0001212204, 0001212206
 ID/housing 27.20, OD/housing 36.70, Thickness 0.50, Material Steel

Pkg. 10



137614 Screw

Replacing: 2910551240
 Servicing: 0001410025, 0001410082, 0001501001, 0001501003, 0001501005, 0001501006, 0001501014, 0001501015, 0001501019, 0001501020
 Thread M8, Total length 18.00, Thread length 14.00

Pkg. 10



137721 Washer

ID 32.00, OD 48.00, Thickness 1.00, Material Plastic

Pkg. 5



137742 Stop Collar

Replacing: 1000202003
 Servicing: 00010DB98E, 0001105205, 0001106014, 0001106018, 0001106019, 0001106023, 0001107076, 0001107080, 0001107088, 0001107091
 ID 12.00, OD 17.80, Height 4.70
 Retaining ring: HC-CARGO 135847.

Pkg. 5



137744 Retaining Ring

Servicing: 0001223504, 0001230002, 0001230006, 0001230009, 0001230012, 0001230014, 0001231002, 0001231003, 0001231004, 0001231005
 Thickness 2.30, Material Steel
 Stop collar: HC-CARGO 137746.

Pkg. 100



137745 Stop Collar

Servicing: 0001107094, 0001107095, 0001109048, 0001110041, 0001110126, 0001110127, 0001110138, 0001110139, 0001114014, 0001114020
 ID 12.00, OD 17.20, Height 5.50
 Retaining ring: HC-CARGO 135847.

Pkg. 10



137746 Stop Collar

Replacing: 2000202023
 Servicing: 0001223504, 0001230002, 0001230006, 0001230009, 0001230012, 0001230014, 0001231002, 0001231008, 0001231011, 0001231012
 ID 14.25, OD 22.00, Height 5.50
 Retaining ring: HC-CARGO 137744.

Pkg. 5



137827 Terminal Switch

Replacing: 1004483006, 1004483002
 Servicing: 0001107031, 0001107049, 0001108123, 0001108160, 9007045009, 9007045020, B001111412
 Total length 37.20

Pkg. 5



138219# Washer
 OD 19.90, Thickness 2.00, Material Steel

Pkg. 10



138328 Screw
 Replacing: 2003429051, 2003429021
 Servicing: 0001211206, 0001223001, 0001223004, 0001223022, 0001223104, 0001230027, 0001231005, 0001359008, 0001359014, 0001359016
 Thread M5, Total length 34.90,
 Thread length 10.55

Pkg. 10



138329 Screw
 Replacing: 2003429073, 2003429053, 2003429022
 Servicing: 0001107041, 0001223503, 0001223504, 0001223505, 0001230013, 0001230015, 0001230016, 0001230023, 0001230026, 0001230028
 Thread M5, Total length 45.00,
 Thread length 9.60

Pkg. 5



138430 Terminal Lead
 Servicing: 0001368082, 2004114065
 Lead length 107.00
 Field coil: HC-CARGO 131074, 131134.



138683 Stop Collar Kit
 Servicing: 0001108..., 0001109..., 0001107014, 0001107015, 0001107044, 0001108003, 0001108004, 0001108018, 0001108019, 0001108021

Pkg. 10



138788 Gasket
 ID 45.00, OD 51.00, Thickness 0.50

Pkg. 10



138835 Screw
 Replacing: 2005429055
 Servicing: 0001208206, 0001218008, 0001218145, 0001359012, 0001359014, 0001359016, 0001359027, 0001359046, 0001359074, 0001359078
 Thread M10, Total length 17.95,
 Thread length 13.00



139050 Friction Washer
 Replacing: 2000101042
 Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010
 ID 19.70, OD 30.00, Thickness 1.50,
 Material Steel

Pkg. 25



139115 Screw
 Manufacturer: Bosch
 Replacing: 9001333409, 1004421020, 1003421016, 1003421014, 1003421013, 1003421011, 1003421010, 1003421008
 Servicing: 00010DB98E, 0001105205, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019
 Thread M5, Total length 33.25,
 Thread length 10.70
 Fixing screw for solenoid.

Pkg. 10



139157 Fiber Washer
 Replacing: 2000113000
 Servicing: 0001354077, 0001354082, 0001354089, 0001354091, 0001354100, 0001358040, 0001358047, 0001358048, 0001359102, 0001362001
 ID 20.15, OD 36.25, Thickness 2.00,
 Material Fiber

Pkg. 10



139303 Screw
 Replacing: 2003410019
 Servicing: 0001208211, 0001212206, 0001212207, 0001314002, 0001359002, 0001359003, 0001359010, 0001359027, 0001359033, 0001359040
 Thread M5, Total length 36.45,
 Thread length 10.55
 Fixing screw for solenoid.



Pkg. 10

139339 Cup Washer

Replacing: 2000500084
 Servicing: 0001203008, 0001203010, 0001204002, 0001204005, 0001208516, 0001208707, 0001308001, 0001308006, 0001308007, 0001401044
 ID 6.50, OD 15.00, Thickness 0.90, Coating Zinc plated, Material Metal



Pkg. 10

139340 Gasket

Replacing: 2000109008, 2000109007
 Servicing: 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402018, 0001402050
 ID 6.60, OD 12.20, Thickness 2.55, Material Plastic



Pkg. 10

139343 Terminal Lead

ID 8.00, Lead length 28.00



139360 Terminal Bolt

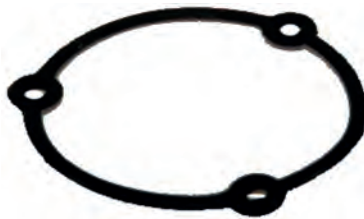
Replacing: 2001030032
 Servicing: 0001410024, 0001410088, 0001411009, 0001416002, 0001416012, 0001416043, 0001416074, 0001416078, 0001417064, 0001417065
 Total length 122.60, Thread length 34.60, Thread size M12, Terminal 30.



Pkg. 10

139362 Mounting Ring

Replacing: 1000134003, 1000134001
 Servicing: 0001107049, 0001108188, 0001108190, 0001108405, 0001108406, 0001109033, 0001109041, 0001109330, 0001109331, 0001109369
 ID 34.55, OD 52.00, Height 3.35



Pkg. 10

139633 Gasket

ID 44.00, ID/mount. hole 4.80, OD 49.25, Thickness 1.30, Material Rubber



Pkg. 5

139810 Brake Washer

Manufacturer: Bosch
 Replacing: 2000112008
 Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008
 ID 21.30, OD 49.30, Thickness 3.20



139812 Lock Ring

Replacing: 1000328001
 Servicing: 0001212204, 0001212205, 0001212206, 0001212207, 0001212208, 0001212209, 0001212210, 0001212211, 0001212212, 0001212213
 ID 24.20, OD 49.50, Height 22.50
 Flat Washer: HC-CARGO 192821.



Pkg. 10

139813 Steel Ball

Replacing: 1903230007
 Servicing: 0001212001, 0001212003, 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212200, 0001212202
 OD 4.00, Material Steel



139962 Terminal Bolt

Replacing: 2001030034, 2001030033
 Servicing: 0001410037, 0001413017, 0001414003, 0001414010, 0001414011, 0001415002, 0001415007, 0001415016, 0001415017, 0001416001
 Total length 125.90, Thread length 33.45, Thread size M10, Terminal 30.



Pkg. 100

190510 Hex Screw

Replacing: 2911061301, 2003450040
 Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410026, 0001410029, 0001410032, 0001410033, 0001410034, 0001410035
 Thread M10x50, Spanner size 17.00, Length 50.00, DIN norm 931, ISO Norm 4014



Pkg. 100

192752 Bolt

Replacing: 2911051281
 Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012
 Thread M10, Spanner size 17.00, Length 12.00, DIN norm 933, ISO Norm 4017


230089 Solenoid Parts Kit

Manufacturer: Bosch
Replacing: 2337010006
Servicing: 0001362001, 0001362002, 0001362003, 0001362004, 0001362016, 0001362027, 0001362028, 0001362029, 0001362030, 0001362038

Pkg. 10


230104 Terminal Lead

Servicing: 0001116006, 0001121018, 0001121019, 0001121024, 0001121025
ID 8.00, Lead length 23.00

Pkg. 10


230373 Rubber Drain

Manufacturer: Bosch
Replacing: 1000306002
Servicing: 0001108188, 0001112018, 0001223013, 0001223501, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008
OD 5.20, Length 30.00

Pkg. 10


230501 Screw

Replacing: 2910550282, 2910480282
Servicing: 0001203008, 0001203009, 0001203010, 0001204002, 0001204005, 0001204006, 0001204102, 0001207001, 0001207003, 0001207005
Thread M10, Total length 12.15, Thread length 7.85


230585[#] Terminal Cover

Replacing: 2007000019
Servicing: 0001230025, 0001369023, 0001369201
ID 67.30, ID/cone 56.90, OD 63.25, Material Plastic

Pkg. 5


230632 Brake Washer

Manufacturer: Bosch
Replacing: 2000112027
Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008
ID 22.70, OD 37.80, Thickness 3.30, Material Fiber


230633 Terminal B+ Strap

Replacing: 1001090036
Servicing: 0001125501, 0001125502, 0001125511, 0001125512, B001126081
ID/mount. hole M8, Length 17.10/99.60 Terminal 30.


230845 Washer Kit

Replacing: 2007010132
Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012


231021 Threaded Pin

Replacing: 2003527040
Servicing: 0001410015, 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410024, 0001410029, 0001410035, 0001410037
Total length 69.50, Thread length 14.45, Thread size M8


231055 Terminal Lead

Replacing: 2004438000
Servicing: 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410024, 0001410029, 0001410035, 0001410037, 0001410041
Total length 132.00

Pkg. 10


231056 Terminal Lead

Replacing: 2004438002
Servicing: 0001410019, 0001410022, 0001410024, 0001410037, 0001410049, 0001410050, 0001410068, 0001410069, 0001410075, 0001410077
Total length 116.00

Pkg. 5


231135 Retainer

Servicing: 0001330008, 0001359019, 0001359038, 0001359083, 0001359107, 0001359108, 0001359111, 0001360010, 0001360012, 0001360014
ID/housing 10.70, OD/housing 27.00

Pkg. 10



231176 Screw

Replacing: 2914501038

Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012

Thread M5, Total length 15.70, Thread length 11.50

Pkg. 10



231275 Bolt

Replacing: 2003526051

Servicing: 0001370003, 0001370004, 0001371004, 0001371006, 0001371008, 0001371018, 0001371019, 0001371020, 0001371120

Total length 39.00, Thread size M10, Thread size/rear M10

Pkg. 5



231553 Rubber Boot

Servicing: 0001371006, 0001372002, 0001372003, 0001372005, 0001372006, 0001372007, 0001372008, 0331403003, 0331403004, 2339403006

ID 22.45, OD 61.65, Length 25.60 Solenoid: HC-CARGO 139965, 139967.

Pkg. 10



231596 Solenoid Screw

Replacing: 9001333448, 6033AC4017, 2003429072, 1003421020, 1003421015

Servicing: 0001106014, 0001106407, 0001106409, 0001106410, 0001107003, 0001107004, 0001107007, 0001107008, 0001107020, 0001107021

Thread M5, Total length 35.60, Thread length 9.80, Slot type Torx, Countersink Yes

Pkg. 10



231646 Bolt

Replacing: 2914551013

Servicing: 0001371004, 0001371006, 0001410015, 0001410016, 0001410017, 0001410019, 0001410022, 0001410024, 0001410035, 0001410037

Total length 16.00, Length/rear collar 13.85, Thread length 13.85, Thread size M5

Pkg. 10



231647 Rubber Drain

Replacing: 6033AC1622, 6033AC1436, 6033AC0250

Servicing: 0001218110, 0001218135, 0001218136, 0001218137, 0001218602, 0001218620, 0001218703, 0001218710, 0001218711, 0001218712

OD 5.65, Length 31.10

Pkg. 10



232189 Felt

Replacing: 2000205001

Servicing: 0001364100, 0001364101, 0001364102, 0001364104, 0001364105, 0001364106, 0001364200, 0001364201, 0001364202, 0001364203

Pkg. 10



232978 Washer

Replacing: 9003330116, 232978

Servicing: 0001230006, 0001230012, 0001230014, 0001231002, 0001231008, 0001231011, 0001231013, 0001231017, 0001231029, 0001231030

ID 8.00, OD 17.00, Thickness 0.30, Material Metal

Pkg. 10



233631 Screw

Replacing: 9001333449, 9001333435

Servicing: 0001218137, 0001218139, 0001218143, 0001218144, 0001218168, 0001218170, 0001218171, 0001218172, 0001218173, 0001218178

Thread M5, Total length 40.00, Thread length 9.60, Slot type Phillips, Pozidriv, Countersink Yes



233928 Terminal Bolt

Replacing: 2004449000

Servicing: 0001410019, 0001410022, 0001410023, 0001410024, 0001410025, 0001410036, 0001410037, 0001410038, 0001410050, 0001410055

Total length 91.50, Thread length 34.75, Thread size M10 Terminal 31.

Pkg. 10



233930 Nut

Servicing: 0001510005

Thread M10, OD 16.85, Lock nut No Rod: HC-CARGO 134441.

Pkg. 5



234078 Washer

Replacing: 2000101034

Servicing: 0001359111, 0001362039, 0001364102, 0001364200, 0001364203, 0001364301, 0001367077, 0001368016, 0001368024, 0001368038

ID 14.00, OD 40.00, Thickness 0.50, Material Steel

Pkg. 10



234487# Brake Washer
ID 15.50, OD 23.00, Thickness 1.00



234786 Bolt
Replacing: 2003527023
Servicing: 0001371010, 0001371013, 0001371015, 0001371016, 0001371018, 0001372002, 0001372003, 0001372007, 0001372008, B001860021
Total length 20.00, Thread size M5, Thread size/rear M5



234787 Cover
Replacing: 2000516014
Servicing: 0001371010, 0001371013, 0001371015, 0001371016, 0001371018, 0001372002, 0001372003, 0001372007, 0001372008, B001860021
ID 37.60, Height 62.05
Bosch.

Pkg. 5



234885# Gasket
Servicing: 0001116001
Width 7.76/5.01

Pkg. 10



235237 Spring/roller retainer
Replacing: 1120591511
Servicing: 0123325500, 0123525501, 0123525504
ID 27.25, OD 45.45, Thickness 1.75, Material Shockproof plastic



235295 Pin
Replacing: 2917570195
Servicing: 0001108107, 0001108123, 0001108153, 0001108166, 0001108167, 0001108189, 0001108402, 0001108411, 0001108412, 0001110063
OD 10.00, Length 19.50

Pkg. 10



235461 Spacer
Servicing: 0001107076, 0001108166, 0001108167
ID 9.96, OD 5.37, Height 7.49

Pkg. 10



235761 Gasket
Servicing: 0001106015, 0001107098, 0001107401, 0001107402, 0001107404, 0001107405, 0001107409, 0001107429, 0001107435, 0001107436
ID 46.12, OD 54.00, Thickness 6.15, Type Starter, Material Rubber

Pkg. 10



236456 Grommet
Servicing: 0001112017
ID/mount. hole 3.50, Length 31.65, Thickness 6.55, Width 20.10, Type Starter, Material Rubber



237750 Cover for solenoid
Manufacturer: Bosch
Replacing: 6033AD5334, 6033AC5322, 6033AC5015
Servicing: 0001241001, 0001241003, 0001241007, 0001241014, 0001241019, 0001241119, 0001261001, 0001261002, 0001261003, 0001261004
OD 111.25, Height 63.20



237770 Nut
Replacing: 6033AC5186
Servicing: 0001231040, 0001231502, 0001241001, 0001241003, 0001241006, 0001241007, 0001241014, 0001241015, 0001241019, 0001241020
Thread M10, OD 16.00, Lock nut No Torx.

Pkg. 5



238957 Bolt
Servicing: 0001368011, 0001368083
Length/rear collar 41.50, Thread length 29.00, Thread size M5, Thread size/rear M8



Pkg. 5

238958 Bolt

Servicing: 0001372001, 0001372006, B001960018

Length/rear collar 40.70, Thread length 29.50, Thread size M5, Thread size/rear M10



Pkg. 5

330515 Gasket

Replacing: XXX1069245, 1001006002

Servicing: 0001105205, 0001109205, 0001109304, 0001109305, 0001109324, 0001109325

Length 60.00, Thickness 5.18, Width 80.00, Type Starter, Material Rubber



Pkg. 10

330686 Washer

ID 11.04, OD 48.59, Thickness 3.20, Material Metal/Rubber



Pkg. 200

333480 Protection Cap

Replacing: 2000558009

ID 12.00, ID 2 25.00, Length 52.50, Thickness 28.00, Width 27.00, Material Rubber



Pkg. 100

333481 Protection Cap

Replacing: 1339999020

Servicing: 0120600502, 0136500026, 0136500028, 0136501066, 0136501067

ID 12.00, ID 2 17.00, Length 57.30, Thickness 25.00, Width 25.00, Material Rubber



Pkg. 5

333580 Protection Cap

Manufacturer: Bosch

Replacing: 3130558000

Servicing: 0101206151, 0101209031, 0101209041, 0101302029, 0101356006, 0120300535, 0120300552, 0120300562, 0120300567, 0120300575

ID 2 5.70, ID 12.50, OD 19.50, OD 2 11.12, Length 42.32, Thickness 23.00, Width 19.15, Material Rubber

Alternative no.: 333627



Pkg. 5

333583 Protection Cap

Manufacturer: Bosch

Replacing: 2000558000

Servicing: 0001402018

ID 18.25, ID 2 26.00, OD 31.30, OD 2 24.20, Length 67.90, Thickness 28.80, Width 27.50, Material Rubber



Pkg. 5

333633 Stop Collar

Replacing: 2000328021

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106022, 0001106023, 0001106024, 0001107003

ID Ø10.3/Ø13.83, OD 16.00, Height 9.40



Pkg. 100

333717 Protection Cap

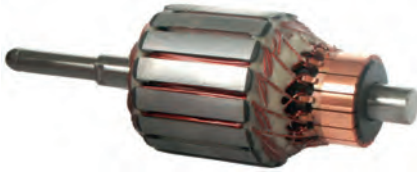
Replacing: 2000558001

Servicing: 0136501019, 0136501025, 0136501038, 0136501041, 0136503002, 0136503004, 0136602001

ID 28.00, ID/cone 12.00, OD 17.00, Length 50.00, Height 25.00, Width 30.00, Colour Black, Material Rubber

Armatures

12 V



234204 Armature
 Replacing: 692034, 497603
 Servicing: 282700, 497594, 497595, 497596, 693054, 693551, 695479
 12 V, Shaft length 167.00,
 Core thickness 55.00

Field Cases



234471# Field Case
 Replacing: 398159, 393825
 Servicing: 394805, 394808, 491308, 497453, 498149, 690658
 OD/middle 78.50, Length 97.20/3.83",
 Brush gear w/o, Magnets w/

D.E. Brackets



234209 Brush Gear
 Replacing: 395537
 Servicing: 393499, 394805, 394807, 394808, 394943, 396306, 491308, 491766, 497453, 498149, 690658
 12 V, OD 79.20

Drives



137278 Drive Kit
 Replacing: 391461
 Servicing: 390838, 391178, 392749, 393499, 394807, 394943
 OD 41.00, Splines A 2, No./teeth 16
 Gear: HC-CARGO 139395.



139417 Drive Kit
 Replacing: 696539, 495877, 490467, 393254
 Servicing: 394808, 396306, 399169, 490420, 494148, 494198, 494990, 495100, 498148
 ID 16.20, OD 40.00, Total length 11.55,
 Splines A 2, No./teeth 16
 Gear: HC-CARGO 139395.



139418 Drive Kit
 Replacing: 696540, 495878, 490771, 490421, 396865, 3886
 Servicing: 394805, 394808, 396306, 399169, 399928, 490420, 494148, 494198, 494990, 495100, 498148
 OD 41.00, Splines A 2, No./teeth 16
 Gear: HC-CARGO 139395.



230399 Drive Kit
 Replacing: 491836
 Servicing: 490753, 495104
 OD 40.00, Total length 19.50, No./teeth 16



230400 Drive Kit
 Replacing: 497606
 Servicing: 497401, 497594, 497595, 497596, 499521, 693054
 OD 41.00, Total length 11.50, No./teeth 16
 w/ snap ring.

Drive Parts

Pinion



139395 Pinion
 Replacing: 693059, 4114, 280104
 Servicing: 390838, 394805, 399928, 491334, 495102, 497596, 498148
 ID 20.50, OD 41.00, Height 11.50,
 No./splines 2, No./teeth 16



234466# Pinion
 ID 15.90, OD 40.60/1.60", Height 19.80/0.78",
 No./splines 2, No./teeth 16



235627 Pinion
 Replacing: 693713
 Servicing: 693551, 693552, 695479
 ID 16.20, OD 40.85, Total length 13.80,
 Splines A 2, No./teeth 14, Rotation ACR

Clutches



234211 Clutch
 Replacing: 692024, 398003, 391135
 Servicing: 393499, 394805, 394807, 394808, 394943, 396306, 399169, 399928, 490420, 491308, 494148, 494198, 494990, 495100, 497401

Brush Gears



230397 Brush Gear
 Replacing: 691293, 497605
 Servicing: 390838, 394805, 497401, 497594, 497595, 497596, 499521, 693054, 693551, 693552, 694504, 695479
 12 V, OD 71.60

Brush Gear Parts

Brush Holders



230402 Brush Box
 OD 44.00

Brush Sets



141049 Brush Set
 Replacing: 497608
 Servicing: 497401, 497594, 497595, 497596, 499521, 693054, 693551, 693552, 694504, 695479
 12 V, Length 15.60 (0.614"), Lead length 43.00, Lead length 2 74.00, Height 9.50 (0.374"), Thickness 7.10 (0.280")



141052 Brush Set
 Replacing: 490311
 Servicing: 399928, 490753, 491334, 495102, 498148
 12 V, Length 15.60 (0.614"), Lead length 81.00, Lead length 2 59.50, Height 12.60 (0.496"), Thickness 9.40 (0.370")



141053 Brush Set
 Replacing: 391791
 Servicing: 390838, 391178, 392749, 393017, 394674
 12 V, Length 14.90 (0.587"), Lead length 43.50, Height 9.40 (0.370"), Thickness 6.20 (0.244")

Bushings

Pkg. 10



141050 Bushing
 Servicing: 391334, 393499, 394943, 491334, 492336, 492780, 494233, 495102, 691376, 695550, 795092
 ID 9.60, OD/collar 18.80, OD 14.30, Length 9.45, Height/collar 1.40

Pkg. 10



141051 Bushing
 Servicing: 391334, 393499, 394943, 491334, 492336, 492780, 494233, 495102, 691376, 695550, 795092
 ID 12.51, OD 18.24, Length 12.68



141077 Bushing
 ID 12.55, OD/collar 24.00, OD 19.04, Length 13.45, Height/collar 3.00



141078 Bushing
 ID 12.55, OD 19.05, Length 11.90

Repair Kits



139394 Repair Kit
 Replacing: 395538
 Servicing: 393499, 394805, 394807, 394808, 394943, 396306, 491308, 497453, 498149, 690658
 12 V, Length 9.50, Lead length 18.80, Height 14.30, Thickness 9.50
 Bushing: O.D. 18.23 mm, I.D. 9.54 mm, L. 12.74 mm. Bushing: O.D. 14.35 mm, I.D. 9.54 mm, L. 9.51 mm.

Armatures

24 V



134108 Armature

Manufacturer: Prestolite

Replacing: 852529, 852506, 851330, 850262, 850261

Servicing: 850277, 850604, 850606, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851515, 851539, 852563, 852651, 854139

24 V, 7 kW, Shaft length 450.00, Core thickness 83.00, No./splines 19

Field Coils

24 V



134111# Field Coil

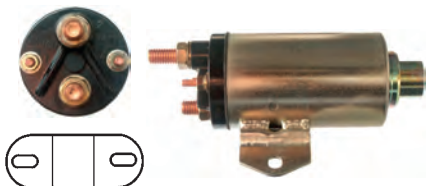
Replacing: 851133, 850187

Servicing: 850277, 850604, 850606, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851515, 851539, 852563, 852651, 854139

24 V, 7 kW, Height 159.00, Internal height 105.35, Inner width 36.50

Solenoids

24 V



132140 Solenoid

Replacing: 856121, 856025, 855528, 855248, 850686

Servicing: 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851360

24 V, B+ M14-1.50, Kl. 15a M6, Kl. 50 M6, OD 76.00, OD/cover 76.35, Total length 216.50, Height/B+ 33.00, Width/kl. 15a 18.30, Width/kl. 50 17.75, Coil bolt M14-1.50, Coil bolt 2 24.60, No./terminals 4

Cap: HC-CARGO 132141. Moving contact: HC-CARGO 132142. Insulated return.



136400 Solenoid

Replacing: 856407

Servicing: 856766, 857673, 858617, GR2, GR45, GR45/10, GR45/17, GR45/18, GR45/19, GR45/2, GR45/3, GR45/9

24 V, B+ M12, Kl. 15a M5, Kl. 50 9.40, OD 56.80, OD/cover 56.90, Total length 188.90, Height/B+ 26.00, Width/kl. 15a 14.60, Width/kl. 50 11.20, Coil bolt M8, Coil bolt 2 9.40, No./terminals 4
Insulated return.



137766 Solenoid

Manufacturer: Prestolite

Replacing: 860867

24 V, 100 Amp, Intermittent load 600 Amp., B+ 5/16" UNF, Kl. 15a 3/16" UNF, Kl. 50 3/16" UNF, OD 41.00, Total length 89.40, Height/B+ 18.35, Width/kl. 15a 12.00, Width/kl. 50 12.40, Coil bolt 5/16" UNF, Coil bolt 2 17.65, Seconds 5, No./terminals 6



138984 Solenoid

Replacing: 859420

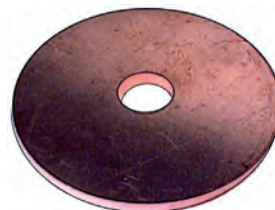
Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/12, LNS4524/13, LNS4524/14, LNS4524/15, LNS4524/16, LNS4524/17

24 V, B+ M10, Kl. 15a M5, Kl. 50 9.40, OD 56.75, OD/cover 56.90, Total length 180.55, Height/B+ 27.75, Width/kl. 15a 14.60, Width/kl. 50 11.80, Coil bolt M8, Coil bolt 2 11.25, No./terminals 4
Insulated return.

Solenoid Parts

Moving Contacts

Pkg. 5



132142 Contact Plate

Replacing: 850689

Servicing: 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851360

Thickness 3.00, Width 50.15
12/24 V.

Various



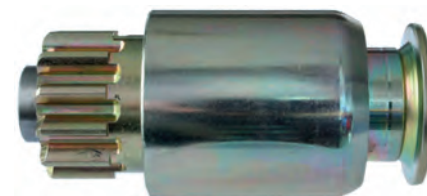
136412 Rubber Boot

Replacing: 850733

Servicing: MS1, MS1/100, MS1/101, MS1/102, MS1/103, MS1/104, MS1/105, MS1/106, MS1/107, MS1/108, MS1/109, MS1/110, MS1/111

OD 52.35, Length 43.35

Drives

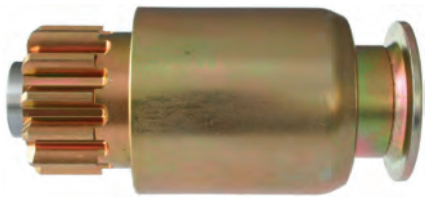


131056 Drive

Replacing: 852762

Servicing: 40MT, 42MT, 50MT

ID 15.90, OD 46.20, OD/housing 57.65, Total length 120.40, Splines A 19, No./teeth 12, Rotation CR



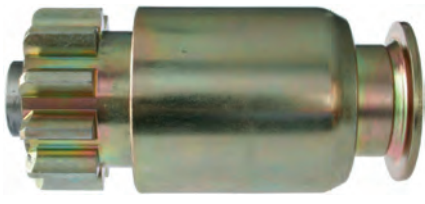
131766 Drive

Replacing: 852957, 852758, 850758, 850363
 Servicing: 40MT, 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850811, 850894, 851002, 851004A, 851339, 851360, 851450
 ID 19.00 (3/4"), OD 46.30, OD/housing 58.00,
 Total length 120.40/4.740", Splines A 19,
 No./teeth 12, Rotation CR
 Bronze.



131767 Drive

Replacing: 852958, 852759, 850764, 850674
 Servicing: 40MT, 50MT, MS3/30, MS3/7, MS3A
 ID 15.90 (5/8"), OD 38.80,
 OD/housing 58.00, Total length 120.40,
 Splines A 19, No./teeth 10, Rotation CR



131768 Drive

Replacing: 852959, 852760, 850760, 850629
 Servicing: 40MT, 850628, 851124, MS1-327A, MS1/100, MS1/101, MS1/102, MS1/103, MS1/107, MS1/108, MS1/111, MS1/113, MS1/114
 ID 19.00 (3/4"), OD 56.50, OD/housing 58.00,
 Total length 120.40/4.740", Splines A 19,
 No./teeth 11, Rotation CR



136402 Drive

Replacing: 856938
 Servicing: 856766, 857673, 858617, GR45/18, GR45/2, GR45/9
 ID 14.00, OD 31.90, OD/housing 63.00,
 Total length 90.70, Splines A 12,
 No./teeth 10, Rotation CR



232228 Drive

Replacing: 859145
 Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/23, LNS4524/24, LNS4524/26, LNS4524/5, LNS4524/6
 ID 14.30, OD 31.20, OD/housing 59.55,
 Total length 107.00, Splines A 3,
 No./teeth 10, Rotation CR

Brush Sets



140549 Brush Set

Replacing: 856416, 856412
 Servicing: 856766, 857673, 858617, GR45, GR45/10, GR45/13, GR45/14, GR45/15, GR45/16, GR45/17, GR45/18, GR45/19, GR45/2, GR45/3
 24 V, Length 20.00, Lead length 40.00,
 Lead length 2 49.50, Height 25.00,
 Thickness 8.00



141200 Brush Set

Replacing: 859091, 859090
 Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/12, LNS4524/13, LNS4524/14, LNS4524/15, LNS4524/16, LNS4524/17
 24 V, Length 21.00, Lead length 160.00,
 Lead length 2 58.00, Height 19.00,
 Thickness 9.50



BUTSX44 Brush Set

Replacing: 850749
 Servicing: MS3, 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850628, 850811, 850894, 851002, 851004A, 851124, 851339
 24 V, Length 21.00, Lead length 62.00,
 Height 20.40, Thickness 9.50

Bushings

Pkg. 10



140402 Bushing

Replacing: 855174, 850139
 Servicing: 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851360
 ID 22.22, OD 28.60, Length 31.75
 Alternative no.: B140402

Pkg. 10



140403 Bushing

Replacing: 850141
 Servicing: 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851360
 ID 19.05, OD 25.40, Length 19.50
 Alternative no.: B140403

Pkg. 5



140521 Bushing

Replacing: 856476
 Servicing: 856766, 857673, 858617, GR45/10, GR45/13, GR45/14, GR45/15, GR45/16, GR45/17, GR45/18, GR45/19, GR45/2, GR45/3, GR45/5
 ID 14.03, OD 17.50, Length 19.00

Pkg. 5



141201 Bushing

Replacing: 859077
 Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/12, LNS4524/13, LNS4524/14, LNS4524/15, LNS4524/16, LNS4524/17
 ID 14.30, OD 17.49, Length 17.97

Pkg. 100


B140402 Bushing

Replacing: 855174, 850139

ID 22.22, OD 28.60, Length 31.75

Alternative no.: 140402

Pkg. 100


B140403# Bushing

Replacing: 850141

ID 19.05, OD 25.40, Length 19.05

Alternative no.: 140403

Sundry Parts
Oil Seals

Pkg. 5


139895 Oil Seal

Replacing: 850137

Servicing: MS1, MS1-327A, MS1/100, MS1/101, MS1/102, MS1/103, MS1/104, MS1/105, MS1/106, MS1/107, MS1/108, MS1/109, MS1/110

ID 22.20, OD 28.60, Height 3.80

Various

Pkg. 5


136415 Thrust Washer

Replacing: 850148

Servicing: MS1, MS1-327A, MS1/100, MS1/101, MS1/102, MS1/103, MS1/104, MS1/105, MS1/106, MS1/107, MS1/108, MS1/109, MS1/110

ID 22.00, OD 38.20, Thickness 1.60, Material Fiber

Pkg. 10


139896 Wick

Replacing: 850154

Servicing: MS1, MS1-327A, MS1/100, MS1/101, MS1/102, MS1/103, MS1/104, MS1/105, MS1/106, MS1/107, MS1/108, MS1/109, MS1/110

Armatures

12 V



130136 Armature

Replacing: A889, 6211-270, 6211-26B, 6211-26
 Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320092, 1320161, 1320183, 1320502, 1320510
 12 V, 3.6 kW, Shaft length 355.00, Core thickness 74.40, No./splines 3, Rotation CR
 4 holes.

24 V



130137 Armature

Replacing: A948, 6211-225B, 6211-225A, 6211-225, 6211-144B, 6211-144
 Servicing: 1321021, 1321032, 1321033, 1321041, 1321112, 1321182, 1321471, 1321491, 1321552, 1321580, 1321600, 1321700, 1321780
 24 V, 5.2 kW, Shaft length 355.00, Core thickness 74.40, No./splines 3, Rotation CR
 6 holes.



131657 Armature

Replacing: A505, A368, 5586-194
 24 V, 4 kW, Shaft length 364.00, Core thickness 82.00

Field Coils

12 V

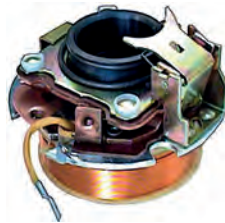


133018 Field Coil

Replacing: F564C, 6211-289A
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320045, 1320092, 1320161, 1320183, 1320502, 1320510, 1320513, 1320515
 12 V, 3.6 kW, Height 134.40, Internal height 94.85, Inner width 29.60

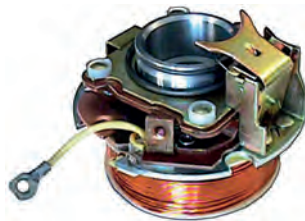
Solenoids

12 V



132594 Solenoid

Replacing: 6211-39
 Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183, 1320502, 1320510
 12 V, OD 98.40, Total length 60.70



132595 Solenoid

Replacing: 6510-58, 6211-39D, 6211-39C, 6211-39B
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027, 1320F028
 12 V



132597 Solenoid

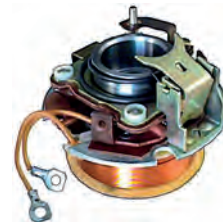
Replacing: 6510-59, 6211-826, 6211-191A
 Servicing: 1320035, 1320036, 1320F035, 1320F036, 1320F114, 1320F294, 1320F352, 1320F502, 1320F552, 1320F601, 1320F914, 1320G035
 12 V, OD 98.30, Total length 60.45
 Insulated return.

24 V



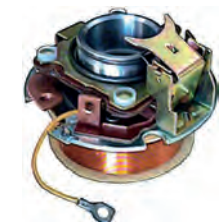
130332 Solenoid

Manufacturer: Lucas
 Replacing: 267-4, 267-2, 1828A040, 1828040, 1828020
 Servicing: 1333480, 1333520, 1333860, 1364101, BS524P-216
 24 V, OD 60.50, Total length 83.00



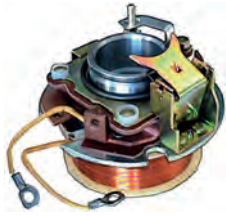
132599# Solenoid

Replacing: 6211-206A, 6211-206
 Servicing: 1321032, 1321033, 1321112, 1321292, 1321352, 1321491, 1321552, 1321580, 1321600, 1321780, CA45D24-11, CA45D24-11M
 24 V, OD 98.30, Total length 60.10
 Insulated return.



132600 Solenoid

Replacing: 6211-825, 6211-516, 6211-152B, 6211-152A
 Servicing: 1321F022, 1321F042, 1321F183, 1321F472, 1321F532, 1321F652, 1321F701, 1321F702, 1321F871, 1321F906, 1321F910, 1321F913
 24 V


132601 Solenoid

Replacing: 6211-517

Servicing: 1321F032, 1321F033, 1321F112, 1321F292, 1321F352, 1321F491, 1321F551, 1321F580, 1321F600, 1321F780, 1321F840, 1321F880

 24 V, OD 98.30, Total length 60.35
 Insulated return.

230436 Solenoid

Manufacturer: Prestolite

Replacing: 6510-60

Servicing: 1327470, 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7, S11524-8

24 V, OD 98.30, Total length 70.60

Solenoid Parts
Moving Contacts

130851 Contact Kit

Replacing: 6211-33, 6211-32, 6010-240, 6010-148

 Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183
 12/24 V.

Fixed Contacts

231467 Contact Plate

Replacing: 6510-68

Servicing: S114HD24-2

ID 39.85, OD 98.50, Thickness 3.55

Drives

130417 Drive

Replacing: 5549-306BJ

 Servicing: 1332521, 1333590, 1333860, BS524P-159, BS524P-186, BS524P-52
 ID 14.70, OD 34.70, OD/housing 35.00,
 Total length 120.00, Splines A 3,
 No./teeth 9, Rotation CR

130722 Drive

Replacing: 5549-306CH

 Servicing: 1343391, 1343491, 1343502, 1343503, 1343508, 1343511, 1343514, 1343530, 1343550, 1343731, 1343754, 1343C391, 1343C503
 ID 14.70, OD 39.00, Total length 120.00,
 Splines A 3, No./teeth 10

130900 Drive

Replacing: 5933-820S, 5933-820, 5933-332A

Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F515, 1320G027, 1320G515

 ID 15.85, OD 39.60, Total length 139.00,
 No./teeth 10
 4 holes.

130940 Drive

Replacing: 6211-375

Servicing: 1320F027, 1320F035, 1320F183, 1320F513, 1320F515, 1320F810, 1320F921, CA45F12-109, CA45F12-18, CA45F12-2, CA45F12-3

 ID 15.50, OD 39.60, Total length 139.00,
 Splines A 8, No./teeth 10
 8 holes.

131745 Drive

Replacing: 5549-306BS

Servicing: 1331451, 1332814, 1333272, 1333580, 1333830, 1343351, 1364080, BS512P-145, BS524P-127S, BS524P-158, BS524P-183

 ID 14.60, OD 39.50, Total length 120.00,
 Splines A 3, No./teeth 11

131747 Drive

Replacing: 5549-306W

Servicing: 1331441, 1331520, 1331670, 1333441, 1333520, 1333670, BS512P-144, BS512P-152, BS512P-167, BS524P-144, BS524P-152

 ID 14.50, OD 45.90, Total length 120.00,
 Splines A 3, No./teeth 13

131749 Drive

Replacing: 6211-66

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320092, 1320183, 1320510, 1320513, 1320515, 1320810, 1320F022, 1320F027

 ID 15.40, OD 39.60, Total length 139.00,
 Splines A 3, No./teeth 10
 4 holes.

131752 Drive

Replacing: 6211-375B

Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F515, 1320G027, 1320G515

 ID 15.50, OD 39.60, Total length 139.00,
 Splines A 3, No./teeth 10
 10 holes.



133790 Drive

Replacing: 6211-700AA, 6211-596F, 6211-596B
 Servicing: 1321G022, 1321G033, 1321G183, 1321G551, 1321G906, 1321G910, CA45G24-106, CA45G24-18, CA45G24-3M
 ID 15.50, OD 39.45, Total length 139.00, No./teeth 10
 10 holes.



133791 Drive

Replacing: 6211-596G, 6211-596
 Servicing: 1320G028, 1320G036, 1320G552, CA45G12-2M, CA45G12-3M, CA45G12-55M
 ID 15.50, OD 39.50, Total length 139.00, No./teeth 10
 8 holes.



133909 Drive

Replacing: 6211-375V
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027, 1320F183
 ID 15.50, OD 39.50, Total length 139.00, Splines A 3, No./teeth 10
 8 holes. w/ oil seal.



134466 Drive

Replacing: 6211-375G
 Servicing: 1320035, 1320036, 1320F028, 1320F035, 1320F036, 1320F552, 1320G036, CA4512-3, CA45D12-3, CA45F12-2M, CA45F12-3
 ID 15.90, OD 39.30, Total length 139.00, No./teeth 10
 8 holes.



135883 Drive

Replacing: 6211-700B
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F515, 1320G027, 1320G515
 ID 15.50, OD 39.45, Total length 139.00, Splines A 3, No./teeth 10
 12 holes.



136158 Drive

Replacing: 6211-375Z
 ID 15.50, OD 39.35, Total length 139.00, Splines A 3, No./teeth 11
 10 holes.



138358 Drive

Replacing: 6211-700W, 6211-700V
 Servicing: 1321G702, 1327020, 1327030, 1327430, 1327440, 1327471, 1327620, 1327A020, 1327A620, CA45G24-72, S11512-3M, S11512-4M
 ID 15.50, OD 39.70, Total length 139.00, Splines A 3, No./teeth 10



139893 Drive

Manufacturer: Prestolite
 Replacing: 6211-856
 Servicing: 1403010, S115HD24-1, S115HD24-2, ZGS002, ZGS003
 ID 15.50, OD 37.90, Total length 139.00, Splines A 3, No./teeth 10
 10 holes.



230096 Drive

Replacing: 6211-700Y, 6211-700AL, 6211-700AE
 Servicing: 1321G929, 1327A691, CA45G24-121, CA45G24-121M, S115A24-30M
 ID 15.50, OD 35.15, Total length 138.75, Splines A 3, No./teeth 9
 12 holes. w/ oil seal.



230098 Drive

Replacing: 6211-596V
 Servicing: 1320G027, 1320G035, 1320G092, 1320G183, 1320G515, 1320G720, 1320G810, 1320G830, 1320G921, 1320G923, 1320G925
 ID 15.50, OD 39.50, Total length 139.00, Splines A 3, No./teeth 10
 8 holes. w/ oil seal.



234798 Drive

Replacing: 6211-700E
 Servicing: 1327460, 1327580, 1327A580, 1327A581, 1327A610, 1327A611, 1327A710, S11524-19, S11524-6, S115A24-19, S115A24-22
 OD 46.00, Total length 139.00, Splines A 3, No./teeth 12
 Rotation CR
 12 holes. w/ oil seal.



234803 Drive

Replacing: 6211-700AC
 Servicing: 1327A080, 1327A081, 1327A500, 1327A501, S115A12-11M, S115A24-11M
 OD 35.00, Total length 139.00, No./teeth 11
 12 holes. w/ oil seal.

Drive Parts
Springs

139721 Spring

Replacing: 6211-227A

Servicing: 1320015, 1320023, 1320027, 1320029, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027, 1320F183

OD 25.00, Length 69.00

Pkg. 5


230326 Spring

Replacing: 6211-70A, 6211-70

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F035, 1320F036

OD 24.70, Length 52.50


230327 Spring

Replacing: 6211-761

Servicing: 1327A540, S115A24-11M, S115A24-15M

OD 23.60, Length 70.00

Clutches

130328 Clutch

Replacing: 5586-123

Clutch Parts
Various

138391 Clutch Plate Set

Replacing: 5549-95

Servicing: 1330011, 1330032, 1330661, 1330861, 1331041, 1331172, 1331181, 1331371, 1331441, 1331451, 1331520, 1331670, 1331841

ID 32.00,

OD 67.90/75.70, Thickness 22.30


138392 Clutch Plate Set

Replacing: 5549-96

Servicing: 1330011, 1330032, 1330661, 1330861, 1331041, 1331172, 1331181, 1331371, 1331441, 1331451, 1331520, 1331670, 1331841

ID 47.00, OD 68.58, Thickness 1.10

Brush Gears
Brush Gear Parts
Brush Springs

Pkg. 4


139726 Brush Spring

Replacing: 5933-336

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

OD 10.90, Length 10.10

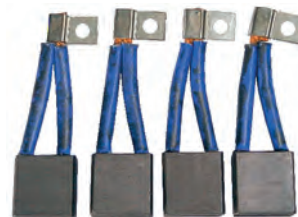
Brush Sets

141005 Brush Set

Replacing: 6211-548A, 6068-43

Servicing: 1320035, 1320036, 1320F035, 1320F036, 1320G036, 1320G927, 1327010, 1327020, 1327030, 1327040, 1327050, 1327471

12 V, Length 20.00, Lead length 49.00, Height 20.00, Thickness 9.00


141060 Brush Set

Replacing: 6211-548B

Servicing: 1327470, 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7, S11524-8

24 V, Length 20.00, Lead length 51.50, Height 20.00, Thickness 9.00


ASX144 Brush Set

Replacing: 6211-548, 6068-47, 6068-42, 6068-29, 6068-20

Servicing: 1321021, 1321032, 1321033, 1321041, 1321112, 1321182, 1321292, 1321352, 1321471, 1321491, 1321531, 1321552, 1321580

24 V, Length 20.00, Lead length 47.00, Height 20.00, Thickness 9.00


ASX16-178 Brush Set

Replacing: 6068-4, 6068-33

Servicing: 1372033, 1373281, 1373360, 1373390, 1373400, 1373404, 1373407, 1382013, 1382014, 1382033, 1382034, 1382052, 1382091

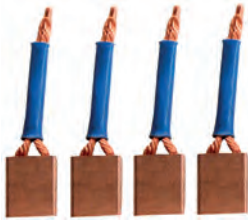
Length 26.00, Lead length 47.00, Lead length 2 36.00, Height 14.00, Thickness 12.00



ASX184 Brush Set

Replacing: 6068-10

Servicing: 1343021, 1343035, 1343041, 1343051, 1343061, 1343071, 1343113, 1343151, 1343171, 1343181, 1343232, 1343251, 1343271
24 V, Length 26.00, Lead length 50.00, Height 20.00, Thickness 12.00



ASX194 Brush Set

Replacing: 6068-8, 6068-34, 6068-28, 6068-18, 6068-1

Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183
12 V, Length 26.00, Lead length 66.00, Height 20.00, Thickness 9.00



ASX74 Brush Set

Replacing: 6068-2

Servicing: 1332011, 1332022, 1332023, 1332031, 1332071, 1332382, 1332521, 1332814, 1333011, 1333172, 1333181, 1333272, 1333441
24/32 V, Length 26.00, Lead length 54.00, Height 20.00, Thickness 9.00

Bushings



140154 Bushing

Replacing: 6211-235, 5933-44

Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183
ID 28.30, OD 33.00, Length 26.35

Pkg. 10



140170 Bushing

Replacing: 5549-307

Servicing: 1330011, 1330032, 1330661, 1330861, 1331041, 1331172, 1331181, 1331371, 1331441, 1331451, 1331520, 1331670, 1331841

ID 22.05, OD 26.05, Length 28.00

Alternative no.: B140170



140171 Bushing

Replacing: 5894-23, 5549-610

Servicing: 1330011, 1330032, 1330661, 1330861, 1331041, 1331172, 1331181, 1331371, 1331441, 1331451, 1331520, 1331670, 1331841

ID 34.90, OD 39.30, Length 47.00

Pkg. 10



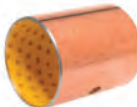
140173 Bushing

Replacing: 6211-303, 5933-603

Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183

ID 15.95, OD/collar 23.70, OD 19.13, Length 18.00, Height/collar 1.30

Alternative no.: B140173



141003 Bushing

Replacing: 6400-247

Servicing: 1333860, 1343351, 1343B736, 1343B758, 1343B760, 1343B764, 1343B771, 1343C021, 1343C041, 1343C051, 1343C391, 1343C503

ID 35.80, OD 39.50, Length 47.80

Pkg. 10



141028 Bushing

Replacing: 6211-726

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, S11524-20X, S11524-23, S11524-23X, S11524-7

ID 16.00, OD/collar 25.40, OD 22.30, Length 17.05, Height/collar 2.50

Pkg. 100



B140173 Bushing

Replacing: 6211-303, 5933-603

ID 15.95, OD/collar 23.70, OD 19.15, Length 17.90, Height/collar 1.30

Alternative no.: 140173

Bearings

Needle Bearings

Pkg. 10



141039 Needle Bearing

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 15.00, OD 21.00, Height 14.00

Pkg. 10



141042[#] Axial needle Bearing

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 15.00, OD 28.00, Height 2.00

Repair Kits

130850 Repair Kit

Replacing: 6010-127, 521

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

Sundry Parts
Oil Seals

Pkg. 5


132981 Oil Seal

Replacing: 5933-906

 Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F035, 1320F036
 ID 28.00, OD 35.00, Height 3.10

139389 Oil Seal

Replacing: 5586-224

 Servicing: BS612L-M87, BS624J-100, BS624J-113, BS624J-99, BS624J-K112, BS624J-K127M, BS624J-K128, BS624J-K129M, BS624J-K131
 ID 33.50, OD 52.60, Height 6.00

139618 Oil Seal

Replacing: 6211-391

 Servicing: 1320015, 1320023, 1320027, 1320029, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027, 1320F183
 ID 28.50, OD 44.50, Height 5.00

230097 Oil Seal

Replacing: 6211-221

Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, CA45D12-18, CA45D12-83, CA45D12-93, CA45D24-79, CA45D24-84

ID 16.00, OD 24.50, Height 5.00

Pkg. 5


230335 Oil Seal

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 30.00, OD 37.00, Height 4.00

Pkg. 5


230367 Oil Seal

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 30.00, OD 37.00, Height 4.00

O-rings

Pkg. 10


138751# O-ring

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 12.00, Thickness 2.50


230376 O-ring

Replacing: 5855-30DV

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X

ID 12.20, Thickness 1.80

Pkg. 10


230377 O-ring

Replacing: 6211-675B

Servicing: 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7X

ID 7.70, Thickness 1.80

Pkg. 10


230378 O-ring

Replacing: 6211-675D

Servicing: 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-8, S115A12-1

ID 3.70, Thickness 1.80

Pkg. 10


230379 O-ring

Replacing: 6211-675E

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X

ID 5.50, Thickness 2.40

Pkg. 10



230381 O-ring

Replacing: 6211-675H

Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, 1327470, 1327471, 1327480, 1327591, 1327620, 1327621

ID 10.00, Thickness 3.00
Terminal (B+): HC-CARGO 139713.

Pkg. 10



233599 O-ring

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 9.60, Thickness 1.78, Material Rubber

Pkg. 10



238300 O-ring

Servicing: 1327470, 1327471, S11524-7, S11524-7X

ID 105.00, Thickness 5.00,
Material Rubber

Various



130852 Resistor

Replacing: 6211-46A

Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183, 1320502, 1320510

ID/mount. hole 6.50, Length 286.40,
Width 23.80
12 V.

Pkg. 10



132982 Plug

Replacing: 5933-83

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

OD 26.00, Height 1.85



138784 Resistor

Replacing: 6211-526, 6211-203

Servicing: 1321032, 1321033, 1321112, 1321292, 1321352, 1321491, 1321552, 1321580, 1321600, 1321780, 1321F032, 1321F033, 1321F112

ID/mount. hole 6.40, Length 291.90,
Width 23.30
24 V. Insulated return.



139662 Resistor

Replacing: 6211-175A

Servicing: 1320035, 1320036, 1320294, 1320352, 1320552, 1320601, 1320F035, 1320F036, 1320F114, 1320F294, 1320F352, 1320F552

ID/mount. hole 6.40, Length 260.25,
Width 24.15
12 V. Insulated return.

Pkg. 4



139708 Connection

Replacing: 6211-961

Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, 1327470, 1327471, 1327A620, 1403010, CA45D12-18, CA45D12-83



139713 Terminal Bolt

Replacing: 6510-4, 6510-3, 6211-678

Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F513, 1320F515, 1320G027

Total length 50.70, Thread length 24.80,
Thread size M8

Nut: HC-CARGO 139714.

Pkg. 5



139714 Nut

Replacing: NU11-5T1

Servicing: 1327470, 1327480, 1327591, 1327620, 1327621, 1327A470, S11524-20X, S11524-23, S11524-23X, S11524-7, S11524-8, S115A12-1

Thread M8, OD 12.85, Lock nut No



139715 Collar

Replacing: 6211-372

Servicing: 1320015, 1320023, 1320027, 1320029, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027, 1320F183

ID 31.00, OD 34.10, Height 16.30



139716 Spring

Replacing: 6211-437

Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, 1327470, 1327471, 1327480, 1327591, 1327620, 1327621
OD 29.55, Length 21.00


139717 Washer

Replacing: 5936-456
 Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X
 ID 22.15, OD 32.30, Thickness 0.25,
 Material Steel

Pkg. 5


139718 Washer

Replacing: 6211-600
 Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X
 ID 22.35, OD 44.60, Thickness 2.65,
 Material Fiber

Pkg. 10

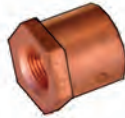

139720 Cover

Replacing: 6265-703
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F513, 1320F515, 1320G027
 ID 21.10, OD 28.55, Height 28.45

Pkg. 10


139722 Thrust Washer

Replacing: 6265-705, 5936-264
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027
 ID 20.60, OD 24.85, Thickness 0.70,
 Material Steel


139723 Nut

Replacing: 5330-525
 Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470
 Thread M12, OD 22.00, Lock nut No

Pkg. 4


139725 Screw

Replacing: 5333-190
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027
 Thread M10, Total length 17.25,
 Thread length 12.30


139727 Retaining Pad

Replacing: 6211-369
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

Pkg. 10


139728 Spring

Replacing: 6211-385
 Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, 1327470, 1403010, CA45012-Y95M, CA45D12-1, CA45D12-14
 OD 1.50, Length 73.00


139729 Screw

Replacing: 5335-774
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027
 Thread M5, Total length 15.55,
 Thread length 11.85


139730 Screw

Replacing: NS85-8Z1
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F035, 1320F036
 Thread 1/4 " BSF, Total length 18.75,
 Thread length 15.60

Pkg. 10


230099 Spring

Replacing: 5933-509
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027
 OD 7.00, Length 43.00

Pkg. 5


230346 Gasket

Replacing: 6211-660
 Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X
 ID 101.80, OD 105.50, Thickness 4.95



230348 Outer Sleeve

Replacing: 6211-858A
 Servicing: 1403010, S114HD24-2, S115HD24-2, ZGS002, ZGS003
 ID 18.00, OD 25.75, Height 31.00

Pkg. 10



230368 Steel Ball

Replacing: NC7-7
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027
 OD 4.80 (3/16"), Material Steel

Pkg. 10



230369 Steel Ball

Replacing: NC7-7
 Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027
 OD 7.90 (5/16"), Material Steel

Pkg. 10



230434 Terminal Bolt

Replacing: 6211-819A
 Servicing: 1403010, S114HD24-2, S115HD24-2, ZGS002, ZGS003
 Total length 27.45, Thread length 11.45,
 Thread size M6
 Terminal 50.



230437 Resistor

Replacing: 6510-79, 6211-841, 6211-447, 6211-134, 6010-246
 Servicing: 1321021, 1321041, 1321182, 1321471, 1321531, 1321700, 1321F022, 1321F042, 1321F183, 1321F472, 1321F532, 1321F652
 ID/mount. hole 6.40, Width 23.55
 24 V.



230439 Insulator

Replacing: 5587-193
 Servicing: 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S114HD24-2, S11524-20X, S11524-23, S11524-23X, S11524-8

Pkg. 10



230441 Washer

Replacing: 6510-84
 Servicing: 1327470, 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7, S11524-8
 OD 18.00, Thickness 1.60

Pkg. 10



230445 Insulator

Replacing: 5587-183
 Servicing: 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7X



230446 Insulator

Replacing: 6211-821
 Servicing: 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7X
 ID 6.30, OD 14.95, Height 8.00

Pkg. 5



232851 Insulator

Servicing: 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-8, S115A24-7
 ID 10.30, OD 12.60, Height 3.50

Pkg. 10



232977 Insulator

Servicing: 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-8, S115A24-7

Pkg. 10



234426 Spacer

Replacing: 5933-287A, 5933-287
 Servicing: 1320035, 1320036, 1320F035, 1320F036, 1320G036, CA45012-Y95M, CA4512-3, CA45D12-1, CA45D12-14, CA45D12-15, CA45D12-16
 ID 6.50, OD 11.20, Thickness 6.50

Pkg. 10


234427 Rivet

Replacing: 5336-287A, 5336-257A, 5336-257

 Servicing: 1320035, 1320036, 1320F035,
 1320F036, 1320G036, CA45012-Y95M,
 CA4512-3, CA45D12-1, CA45D12-14,
 CA45D12-15, CA45D12-16

 OD 3.80, OD/collar 7.85, Length 16.60,
 Height/collar 1.35, Collar w/

 Pkg. 10

234428 Insulator

Replacing: 5587-117A, 5587-117

 Servicing: 1320035, 1320036, 1320F035,
 1320F036, 1320G036, CA45012-Y95M,
 CA4512-3, CA45D12-1, CA45D12-14,
 CA45D12-15, CA45D12-16

ID 4.20, OD 9.70, Height 5.20

Armatures

12 V



130552 Armature

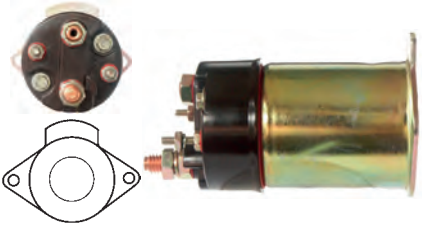
Replacing: 2525283

Servicing: 35MT, 2098879

12 V, Shaft length 394.00,
Core thickness 85.00, No./splines 3,
Rotation CR
Short shaft.

Solenoids

12 V

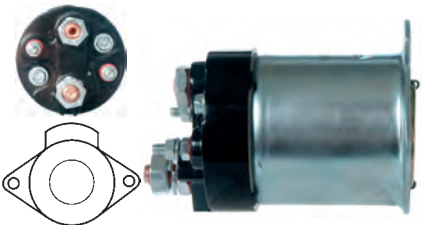


130499 Solenoid

Replacing: 3205022, 3204049, 3202630

Servicing: 10MT, 20MT, 25MT, 27MT

12 V, B+ 3/8" UNC, KI. 15a 8-32 UNC,
KI. 50 8-32 UNC, ID/cover 31.35,
OD 59.80, OD/cover 65.10,
Total length 122.15, Coil bolt 3/8"
UNC, No./terminals 4
Cap: HC-CARGO 130497.

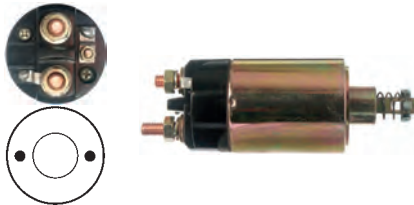


131590 Solenoid

Replacing: 8133925

Servicing: 5MT, 22MT

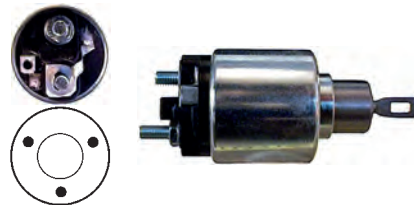
12 V, B+ 3/8" UNC, KI. 15a 10-32 UNF,
KI. 50 10-32 UNF, ID/cover 28.50,
OD 59.90, OD/cover 65.55,
Total length 105.25, Height/B+ 14.50,
Width/kl. 15a 10.00, Width/kl. 50 10.00,
Coil bolt 3/8" UNC, No./terminals 4
Insulated return. Cap: HC-CARGO 137809.



133428 Solenoid

Replacing: 5206626, 5006626

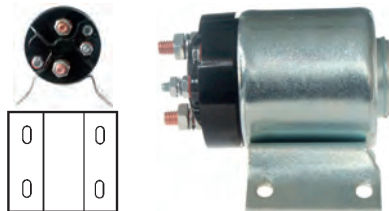
12 V, B+ M8, KI. 50 M4, OD 50.10,
OD/cover 49.80, Total length 142.75,
Height/B+ 16.95, Width/kl. 50 13.00,
Coil bolt M8, Coil bolt 2 12.55,
No./terminals 3
Cap: HC-CARGO 133777.



139212 Solenoid

Replacing: 5213077, 5206607

12 V, B+ M8, KI. 50 M5, ID/cover 27.00,
OD 56.25, OD/cover 49.55,
Total length 141.30, Height/B+ 20.75,
Width/kl. 50 8.45, Coil bolt M8,
Coil bolt 2 11.95, No./terminals 3
Cap: HC-CARGO 138926.



232905 Solenoid

Replacing: 1889799, 1692659

12 V, B+ M8, KI. 50 M4, ID/cover 31.95,
OD 66.40, OD/cover 65.90,
Total length 110.65, Height/B+ 21.00,
Width/kl. 50 12.80, Coil bolt M8,
Coil bolt 2 19.75, No./terminals 3

Drives

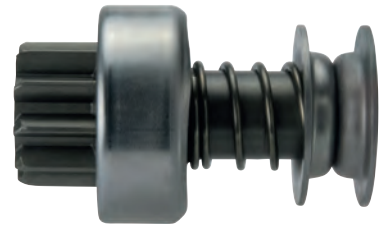


130536 Drive

Replacing: CH1927, CH1925, CH1922,
CH1920, 480428, 4094174, 3755085,
2444658, 2444651, 2095397, 2095122

Servicing: 2095397, 2444658

ID 12.00, OD 33.10, OD/housing 46.10,
Total length 75.20, Splines A 6,
No./teeth 10, Rotation CR



130538 Drive

Replacing: 2525287

Servicing: 30MT

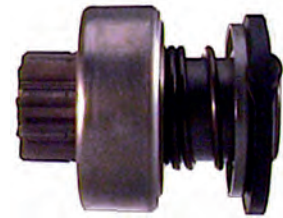
ID 14.30, OD 39.85, OD/housing 60.00,
Total length 96.15, Splines A 3,
No./teeth 10, Rotation CR



131220 Drive

Replacing: 4091920

ID 12.00, OD 33.00, OD/housing 46.70,
Total length 76.10, Splines A 6,
No./teeth 10, Rotation CR



136888 Drive

Replacing: 5234382

ID 11.00, OD 25.35, OD/housing 46.25,
Total length 58.50, Splines A 10,
No./teeth 9, Rotation CR

Planet Gears



237015 Planet Gear

Servicing: 56041013

Total length 105.00, No./splines 8,
No./teeth 10
Drive only: HC-CARGO 137643.

Brush Gears


131413 Brush Gear
 Replacing: 2095219
 Servicing: 4091950
 OD 89.50

Brush Gear Parts
Brush Springs

Pkg. 10



132741 Brush Spring
 Replacing: 2084666
 Servicing: 4½" DD, 2095150, 2098500
 OD 15.65, Length 30.80

Brush Sets


CHX101P Brush Set
 Replacing: CHX101P, 2275550, 2275249,
 2095145, 2095137
 Servicing: 2089500, 2095150, 2098100,
 2875560, 3656575, 3755900, 4091975
 Length 13.00, Lead length 125.00,
 Lead length 2 34.00, Height 17.60,
 Thickness 8.80

Bushings

Pkg. 5



140186 Bushing
 Replacing: 2098986, 2095410
 ID 11.99, OD 15.11, Length 18.67

Pkg. 5



140187 Bushing
 Replacing: CH1414, 3874817, 3656382,
 3556382
 ID 11.97, OD 15.24, Length 19.05

Pkg. 5



140194 Bushing
 Replacing: CH1411, 2098987
 ID 17.53, OD 20.65, Length 16.75

Sundry Parts
Various

Pkg. 10



233667 Nut
 Servicing: 2875560, 3656575, 3755900,
 4091975
 Thread 10.00-24.00, OD 5/16",
 Lock nut Yes

Armatures

12 V



132796 Armature

Replacing: 028200-4540, 028200-2120, 028200-1531, 021200-2120

Servicing: 028000-4540, 028000-4550, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6030

12 V, 0.9/1.2 kW, Shaft length 135.00, Core thickness 47.00, No./teeth 9, Rotation CR



132869 Armature

Replacing: 028200-6230, 028200-6220, 028200-1900, 028200-1780

Servicing: 028000-5000, 028000-5541, 028000-5542, 028000-5543, 028000-5560, 028000-5561, 028000-5581, 028000-5660, 028000-5661

12 V, 2.5 kW, Shaft length 187.00, Core thickness 60.05, No./teeth 9, Rotation CR/ACR w/ bearing.



133389 Armature

Replacing: 028200-1820

Servicing: 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6050, 028000-6380, 028000-6381

12 V, 0.8 kW, Shaft length 226.10, Core thickness 59.90, No./splines 10, Rotation CR



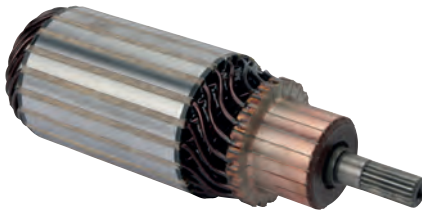
133713 Armature

Manufacturer: Denso

Replacing: 028200-5920, 028200-5901, 028200-5510, 028200-2470

Servicing: 028000-8411, 028000-9133, 028000-9872, 028000-9880, 028000-9882, 028000-9883, 128000-0080, 128000-1431, 128000-2950

12 V, 0.6 kW, Shaft length 189.00, Core thickness 47.95, No./splines 6, Rotation ACR



134368 Armature

Replacing: 028200-1511, 028200-1313

Servicing: 028000-3641, 028000-3642, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4512, 028000-4990, 028000-5060

12 V, 1.4 kW, Shaft length 160.00, Core thickness 48.55, No./splines 19, Rotation CR/ACR



134369 Armature

Replacing: 028200-7430, 028200-2140

Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373, 028000-7660

12 V, 2 kW, Shaft length 166.00, Core thickness 50.45, No./splines 19, Rotation CR/ACR



134370 Armature

Replacing: 028200-5370, 028200-2320

Servicing: 028000-5730, 028000-5800, 028000-7700, 028000-8390, 028000-8620, 028000-8980, 028000-9270, 028000-9320, 028000-9321

12 V, 1.4/1.6 kW, Shaft length 147.90, Core thickness 50.20, No./splines 19, Rotation CR/ACR



135824 Armature

Replacing: 028200-2010

Servicing: 028000-3730, 028000-6520, 028000-7280, 028000-7290, 028000-7440, 028000-7490, 028000-7500, 028000-7630, 028000-7720

12 V, 0.8/0.9 kW, Shaft length 226.00, Core thickness 59.90, No./splines 10, Rotation ACR



135853 Armature

Replacing: 028200-6240, 028200-2290, 028200-1261, 028200-1260

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3970, 028000-3971, 028000-4930, 028000-5040, 028000-5960

12 V, 4 kW, Shaft length 396.00, Core thickness 84.00, No./splines 4

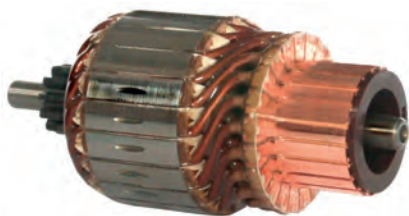


136862 Armature

Replacing: 028200-5340, 028200-5210

Servicing: 128000-2621, 128000-2800, 128000-2980, 128000-3250, 128000-3251, 128000-3651, 128000-3662, 128000-4030, 128000-4031

12 V, 0.6 kW, Shaft length 197.00, Core thickness 50.40, No./splines 10, Rotation ACR

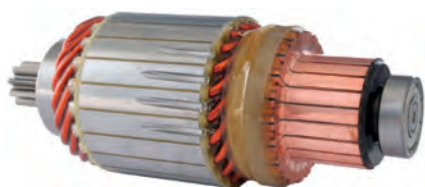

136884 Armature

Manufacturer: Denso

Replacing: 028200-5871

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6340, 128000-6341

12 V, 0.8 kW, Shaft length 100.90, Core thickness 44.92, No./teeth 11


136896 Armature

Replacing: 028200-6250

Servicing: 128000-7002, 128000-7140, 128000-7390, 128000-7500, 128000-8030, 128000-8210, 128000-8320, 128000-8321, 128000-8322

12 V, 1.4 kW, Shaft length 128.65, Core thickness 49.25, No./teeth 9

Alternative no.: F032136896


137953 Armature

Replacing: 028200-6260

Servicing: 128000-7010, 128000-7122, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714, 128000-8220

12 V, 1.2 kW, Shaft length 118.10, Core thickness 49.50, No./teeth 9, Rotation CR/ACR


137978 Armature

Replacing: 028200-7440, 028200-6850, 028200-5040, 028200-1890

Servicing: 128000-0830, 128000-0831, 128000-0832, 128000-0833, 128000-5350, 128000-5760, 128000-9560, 228000-0200, 228000-0390

12 V, 2.2 kW, Shaft length 167.45, Core thickness 54.20, No./teeth 19, Rotation CR


138383 Armature

Replacing: 028200-0910

Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975, 028000-1976

12 V, 0.6 kW, Shaft length 245.00, Core thickness 60.00, No./splines 10


138757 Armature

Manufacturer: Denso

Replacing: 028200-1151, 028200-1150

Servicing: 028000-4790, 028000-4840, 028000-5350, 028000-5720, 028000-6070, 028000-6330, 028000-6510, 028000-6511, 028000-7270

12 V, 0.8 kW, Shaft length 226.00, Core thickness 60.00, No./splines 10, Rotation ACR


139148 Armature

Replacing: 028200-6860

Servicing: 228000-1180, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690

12 V, 2 kW, Shaft length 159.60, Core thickness 50.60, No./teeth 21


139701 Armature

Replacing: 028200-2800

Servicing: 128000-0490, 128000-0491, 128000-2470, 128000-3361, 128000-4220, 128000-4910, 128000-5370, 128000-5510, 128000-5610

12 V, 3 kW, Shaft length 210.50, Core thickness 64.80, No./splines 18, Rotation CR


233812 Armature

Replacing: 028200-6880

Servicing: 228000-4960, 228000-4961, 228000-5382

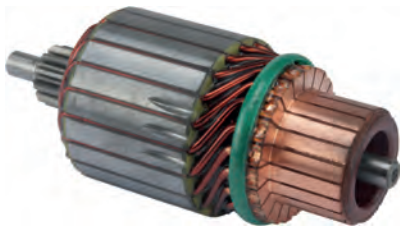
12 V, 1.8 kW, Shaft length 149.60, Core thickness 50.50, No./teeth 21, Rotation CR/ACR


233960 Armature

Replacing: 028200-8330

Servicing: 39MT, 428000-0120, 428000-1210, 428000-1211, 428000-1220, 428000-1221

12 V, 6.2 kW, Shaft length 197.20, Core thickness 76.20, No./teeth 20 Gear reduction.



236958 Armature

Replacing: 028200-5991

Servicing: 128000-6210, 128000-6211, 128000-6212, 128000-7400, 128000-8870, 128000-8871, 128000-8880, 128000-8881, 128000-8970

12 V, 1.2 kW, Shaft length 110.95, Core thickness 44.75, No./teeth 11, Rotation ACR



237378 Armature

Servicing: 428000-0670, 428000-0680, 428000-1750, 428000-7710

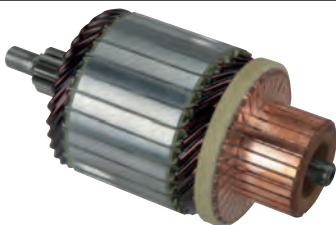
12 V, 1.4 kW, Shaft length 101.00, Core thickness 50.55, No./teeth 9



237879 Armature

Servicing: 428000-0660, 428000-0720, 428000-1620

12 V, 1.9 kW, Shaft length 136.80, Core thickness 48.50, No./splines 11, Rotation CR



238289 Armature

Servicing: 428000-0700, 428000-0701

12 V, 1.6 kW, Shaft length 108.50, Core thickness 50.50, No./teeth 9, Rotation ACR



238843 Armature

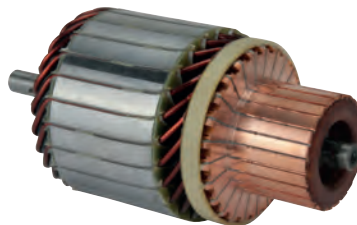
12 V, 1 kW, Shaft length 202.00, Core thickness 51.58, No./splines 12



239078 Armature

Servicing: 428000-1640, 428000-1650, 428000-3361, 428000-3370, 428000-3371, 428000-3372

12 V, 1.1 kW, Shaft length 101.33, Core thickness 50.60, No./teeth 9, Rotation CR



332363 Armature

Servicing: 428000-4600, 428000-5510, 428000-5511, DSN967

12 V, 1.7 kW, Shaft length 113.33, Core thickness 52.75, No./splines 11, Rotation CR

24 V



132553 Armature

Replacing: 27160-77090, 028200-2230, 028200-1590

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5550

24 V, 4.5 kW, Shaft length 187.00, Core thickness 59.95, No./splines 9, No./teeth 9, Rotation CR/ACR

Alternative no.: F032132553

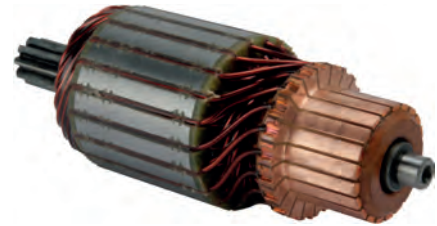


138675 Armature

Replacing: 028200-5250

Servicing: 128000-2450, 128000-2560, 128000-2740, 128000-4250, 128000-4682, 128000-4683, 128000-4684, 128000-4685, 128000-4687

24 V, 5.5 kW, Shaft length 210.50, Core thickness 65.00, No./teeth 18, Rotation CR



235827 Armature

Replacing: 028200-5050

Servicing: 128000-0980, 128000-0981, 128000-5410, 128000-5411

24 V, 1.4 kW, Shaft length 135.40, Core thickness 47.00, No./teeth 9

Armature Parts

Various



B138977# Commutator

Bar dist. 1.90, Bar cross dist. 40.75, ID 15.45, ID/bar lane 33.00, OD 56.00, Bar length 7.40, Height/bar 3.40, Height/bar lane 18.75, Total height 27.00, No./bars 33

Yokes w/ magnets

12 V


139436# 5★ Yoke

Manufacturer: Denso

Replacing: 028100-4230, 028100-4190, 028100-4090

Servicing: 028000-8411, 028000-8422, 028000-9133, 028000-9620, 028000-9622, 028000-9623, 028000-9872, 028000-9880, 028000-9882

12 V, 0.6 kW, OD/middle 68.00, Length 88.00, Brush gear w/o, Magnets w/

Field Cases

135102 5★ Field Case

Manufacturer: Denso

Replacing: 028100-4330, 028100-3990, 028100-3760, 028100-3641, 028100-3492, 028100-3491, 028100-3490

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370

12 V, OD/middle 76.00, Length 113.15, Brush gear w/o

Field coil only: HC-CARGO 235245.


135790 5★ Field Case

Manufacturer: Denso

Replacing: 028100-5540, 028100-5110, 028100-4430, 028100-4360, 028100-3770

Servicing: 028000-5730, 028000-7700, 028000-8390, 028000-8620, 028000-8980, 028000-9270, 028000-9320, 028000-9321, 028000-9380

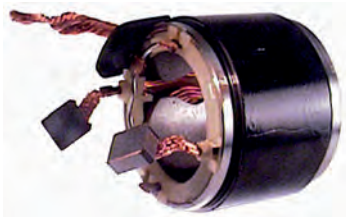
12 V, 1.4 kW, OD/middle 76.00, Length 77.15, Brush gear w/o


135802 Field Case

Replacing: 028100-5900, 028100-5580, 028100-5140

Servicing: 128000-2520, 128000-2621, 128000-2631, 128000-2820, 128000-2980, 128000-3090, 128000-3091, 128000-3250, 128000-3251

12 V, 0.6/0.7 kW, OD/middle 76.00, Length 77.00, Brush gear w/o


136885 5★ Field Case

Manufacturer: Denso

Replacing: 028100-7680, 028100-6010

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6340, 128000-6341

12 V, 0.8 kW, OD/middle 68.00, Length 52.40, Brush gear w/o


136897 Field Case

Replacing: 028100-7110, 028100-6710, 028100-6350

Servicing: 128000-7002, 128000-7140, 128000-7390, 128000-7500, 128000-8030, 128000-8320, 128000-8321, 128000-8322, 128000-8323

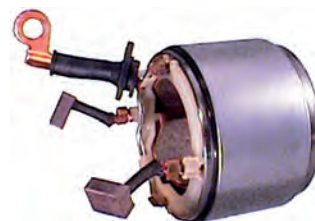
12 V, 1.4 kW, OD/middle 75.80, Length 62.60, Brush gear w/o


137350 5★ Field Case

Manufacturer: Denso

Replacing: 028100-5170, 028100-3751, 028100-3750, 028100-2751

Servicing: 028000-4540, 028000-4550, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6030

 12 V, 0.9/1 kW, OD/middle 68.00, Length 53.00, Brush gear w/o
Brush set: HC-CARGO 140396.

137954 5★ Field Case

Manufacturer: Denso

Replacing: 028100-7230, 028100-6280, 028100-6200

Servicing: 128000-7010, 128000-7122, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714, 128000-8220

12 V, 1 kW, OD/middle 76.00, Length 55.00, Brush gear w/o

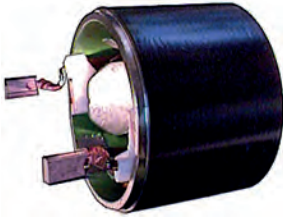

137977 5★ Field Case

Manufacturer: Denso

Replacing: 028100-6130

Servicing: 128000-5350, 128000-5760, 128000-9560, 228000-0200, 228000-0460, 228000-0880, 228000-1690, 228000-1780, 228000-1850

12 V, 2.2 kW, OD/middle 83.00, Length 117.00, Brush gear w/o



138355 5★ Field Case

Manufacturer: Denso

Replacing: 028100-8190, 028100-4390, 028100-4040, 028100-3100

Servicing: 028000-5334, 028000-5335, 028000-6380, 028000-6381, 028000-6382, 028000-6383, 028000-6384, 028000-6385, 028000-6520

12 V, 0.8 kW, OD/middle 91.00, Length 72.00, Brush gear w/o



139149 Field Case

Replacing: 028100-6970

Servicing: 228000-1180, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690

12 V, 2 kW, OD/middle 78.00, Length 67.50, Brush gear w/o



139489 Field Case

Servicing: 128000-1180, 128000-1181

12 V, 1.7 kW, OD/middle 76.00, Length 112.70, Brush gear w/o



230057 5★ Field Case

Manufacturer: Denso

Replacing: 028100-7750, 028100-6630, 028100-6150

Servicing: 128000-6210, 128000-6211, 128000-6212, 128000-7400, 128000-8870, 128000-8871, 128000-8880, 128000-8881, 128000-8970

12 V, 1 kW, OD/middle 68.00, Length 62.60, Brush gear w/o



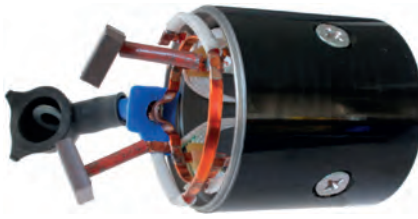
231732 5★ Field Case

Manufacturer: Denso

Replacing: 028100-6920

Servicing: 228000-1250, 228000-1252, 228000-1260, 228000-3120, 228000-3121, 228000-3430, 228000-4121, 228000-4130, 228000-4131

12 V, 0.8 kW, OD/middle 76.00, Length 77.15, Brush gear w/o



235097 5★ Field Case

Manufacturer: Denso

Replacing: 028100-7420

Servicing: 228000-1770, 228000-1771, 228000-1772, 228000-4930, 228000-5220, 228000-5340, 228000-5341, 228000-5342, 428000-0290

12 V, 2.7 kW, OD/middle 90.38, Length 89.57, Brush gear w/o

Field Coils

12 V



135751 Field Coil

Replacing: 028110-1910, 028100-3810, 028100-3002, 028100-3001

Servicing: 028000-5000, 028000-5490, 028000-5541, 028000-5542, 028000-5543, 028000-5560, 028000-5561, 028000-5581, 028000-5660

12 V, 2.5/2.7 kW, Height 94.40, Internal height 58.00, Inner width 22.50

24 V



135750 Field Coil

Replacing: 028100-6320, 028100-5391, 028100-5390, 028100-3801, 028100-3800, 028100-2882, 028100-2881

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5550

24 V, 4.5 kW, Height 94.00, Internal height 61.25, Inner width 22.75



232908 Field Coil

Replacing: 028110-5081, 028100-5410

Servicing: 128000-2450, 128000-2560, 128000-2740, 128000-4250, 128000-5730, 128000-5731, 128000-5732, 228000-2200, 228000-2470

24 V, 5.5 kW, Height 110.60, Width 225.75, Internal height 69.85, Inner width 22.90

C.E. Brackets



136183 C.E. Bracket

Replacing: 028501-6890, 028501-0970

Servicing: 028000-5300, 028000-5530, 028000-5581, 028000-5620, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864



138156# C.E. Bracket

Replacing: 028501-1240

Servicing: 028000-7700, 028000-9320, 028000-9321, 128000-0130, 128000-0300, 128000-2190, 128000-3190, 128000-5110


231311 C.E. Bracket

Replacing: 028504-0550

Servicing: 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6300, 028000-7560, 028000-8440, 028000-9260, 028000-9261

ID 64.50


231387 C.E. Bracket

Replacing: 028501-6510

Servicing: 128000-7010, 128000-7560, 128000-7561, 128000-7562, 128000-8350, 128000-8360, 128000-9730, 128000-9740, 228000-0440

ID 72.00


231483 C.E. Bracket

Replacing: 028501-6600

Servicing: 128000-7140, 128000-7141, 128000-8110, 128000-8111, 128000-8210, 128000-9870, 128000-9871, 128000-9872, 228000-1021


231529 C.E. Bracket

Replacing: 028501-7200, 028501-6490, 028401-6490

Servicing: 128000-8320, 128000-8321, 128000-8322, 128000-8323, 128000-9870, 228000-0990, 228000-0991, 228000-1000, 228000-1020

ID 72.00, Double isolation w/o


231600 C.E. Bracket

Replacing: 028501-7650

Servicing: 228000-1180, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690

ID 74.00


231601 C.E. Bracket

Replacing: 028504-1140

Servicing: 028000-6960, 028000-6961, 028000-6962, 028000-7600, 028000-7620, 028000-7621, 028000-8050, 028000-8430, 028000-8580

ID 65.00


233547 C.E. Bracket

Replacing: 028501-7130

Servicing: 128000-7140, 128000-9860, 128000-9880, 228000-1160, 228000-1900, 228000-3620, 228000-3621, 228000-3622, 228000-3630

ID 72.00


233551 C.E. Bracket

Replacing: 028500-7340, 028500-7250, 028500-5700, 028500-5660

Servicing: 128000-2680, 128000-2682, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211, 128000-6212, 128000-6420

ID 64.00


235032 C.E. Bracket

Servicing: 228000-7220

ID 73.60


235202 C.E. Bracket

Servicing: 228000-9540


235287 C.E. Bracket

Replacing: 028504-0570

Servicing: 028000-6000, 028000-6001, 028000-6962, 028000-7320, 028000-7321, 028000-7390, 028000-7392, 028000-7620, 028000-8290

ID 64.94, Double isolation w/o

D.E. Brackets


134503 D.E. Bracket

Replacing: 128400-0280

Servicing: 128000-0280, 128000-0281, 128000-0810, 128000-0910, 128000-2140, 128000-5080, 228000-0210, 228000-0211



134510 D.E. Bracket
 Replacing: 128400-1700
 Servicing: 128000-1900, 128000-2040, 128000-5630



136182 D.E. Bracket
 Replacing: 128401-1790
 Servicing: 128000-1790, 128000-3080, 128000-3081, 128000-3082



136243 D.E. Bracket
 Replacing: 028404-6201, 028401-6201
 Servicing: 028000-5581, 028000-6870, 028000-6871, 028000-6872, 028000-6880, 028000-6881, 028000-6882, 028000-6890, 028000-6891



136572# D.E. Bracket
 Replacing: 128400-3470
 Servicing: 128000-3470, 128000-3471, 128000-3472, 128000-5941, 128000-5942



136935 D.E. Bracket
 Replacing: 028401-6331
 Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7790, 028000-7791, 028000-7792, 128000-0020



137377 D.E. Bracket
 Replacing: 028401-5811
 Servicing: 028000-6290, 028000-6291, 028000-6292



137448# D.E. Bracket
 Replacing: 128401-5350, 128400-5212, 128400-5211
 Servicing: 128000-5210, 128000-5211, 128000-5350, 128000-9560, 228000-0460, 228000-0550, 228000-0551, 228000-3640, 228000-3641



137539 D.E. Bracket
 Replacing: 128401-1571, 128401-1570, 128400-1571, 128400-1570, 053400-7321
 Servicing: 128000-1560, 128000-1561, 128000-1570, 128000-1571, 128000-1572, 128000-1573, 128000-1574, 128000-1580, 128000-1581



138378# D.E. Bracket
 Replacing: 028400-6120
 Servicing: 028000-9470, 128000-3621



139076# D.E. Bracket
 Replacing: 128400-8892, 128400-8891, 128400-8890, 128400-8532, 128400-8531, 128400-8530
 Servicing: 128000-8530, 128000-8531, 128000-8890, 128000-8891, 228000-4020, 228000-4030, 228000-6730, 228000-6740, 228000-6750



139782# D.E. Bracket
 Replacing: 128400-9710
 Servicing: 128000-8400, 128000-9710, 128000-9720, 228000-0420, 228000-0820, 228000-0821, 228000-0822, 228000-0823, 228000-0830



230529# D.E. Bracket
 Replacing: 128400-1621, 128400-1620
 Servicing: 128000-1620, 128000-1621, 228000-4310



230895# D.E. Bracket
 Replacing: 028400-5041, 028400-5040
 Servicing: 028000-7460, 028000-7461, 028000-7462, 028000-7470, 028000-7471


230899# D.E. Bracket

Replacing: 128401-8620

Servicing: 128000-8620, 128000-8621, 228000-1600, 228000-1601, 228000-1610, 228000-1611, 228000-2030, 228000-2031, 228000-5980


230909 D.E. Bracket

Replacing: 028400-5320

Servicing: 028000-8320, 028000-8321, 128000-3590, 128000-5261, 128000-5410, 128000-9950, 228000-0790, 228000-0791, 228000-0800


233552# D.E. Bracket

Replacing: 128400-5682

Servicing: 128000-2680, 128000-2682, 128000-5680, 128000-5681, 128000-5682, 128000-6421, 128000-6422, 228000-0940, 228000-0941


234144# D.E. Bracket

Replacing: 228401-5020

Servicing: 228000-5020, 228000-5021, 228000-5022, 228000-5023


234185 D.E. Bracket

Replacing: 028403-6310

Servicing: 028000-9900, 028000-9901, 028000-9902, 128000-0600


234705 D.E. Bracket

Replacing: 128400-0050

Servicing: 128000-0050


234881 D.E. Bracket

Replacing: 127400-9730

Servicing: 128000-9730, 128000-9740, 228000-4390, 228000-4391, 228000-4392

Bushing in D.E. bracket: HC-CARGO 140186, 140187, 140194.

234893 D.E. Bracket

Servicing: 028000-9270, 128000-1250, 128000-1251

Bushing in D.E. bracket: HC-CARGO 140186, 140187, 140194.

235033 D.E. Bracket

Servicing: 228000-7220


235096 D.E. Bracket

Replacing: 228400-4930

Servicing: 228000-4930, 228000-5340, 228000-5341, 228000-5342, 428000-0290, 428000-3110


235186 D.E. Bracket

Servicing: 128000-7600, 128000-7601, 128000-7602, 128000-7603, 128000-7604

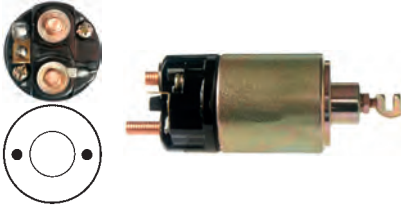

235332 D.E. Bracket

Replacing: 228400-3980

Servicing: 228000-1180, 228000-3981

Solenoids

12 V

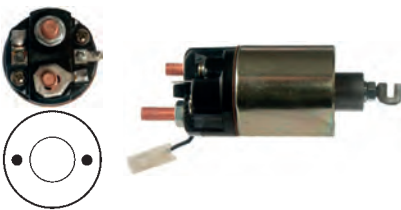


130814 Solenoid

Replacing: 053400-3810, 053400-3720, 053400-3710, 053400-3410, 053400-3350, 053400-3330, 053400-2880

Servicing: 028000-0430, 028000-1370, 028000-1850, 028000-1975, 028000-1976, 028000-2001, 028000-2150, 028000-2151, 028000-2240

12 V, B+ M8, Kl. 50 6.30, OD 49.85, OD/cover 49.80, Total length 137.60, Height/B+ 18.35, Width/kl. 50 10.65, Coil bolt M8, Coil bolt 2 8.60, No./terminals 3
Cap: HC-CARGO 134627.

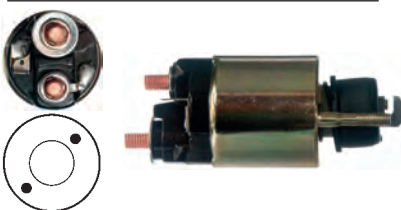


131084 Solenoid

Replacing: 053400-3340, 053400-2557, 053400-2551, 053400-2160, 053400-1831, 053400-1830, 053400-1811

Servicing: 028000-1850, 028000-1973, 028000-2000, 028000-2001, 028000-2240, 028000-2241, 028000-2660, 028000-2661, 028000-2662

12 V, B+ M8, Kl. 50 6.30, OD 50.20, OD/cover 49.25, Total length 141.80, Height/B+ 23.75, Width/kl. 50 12.55, Coil bolt M8, Coil bolt 2 10.50, No./terminals 4
Cap: HC-CARGO 131374.



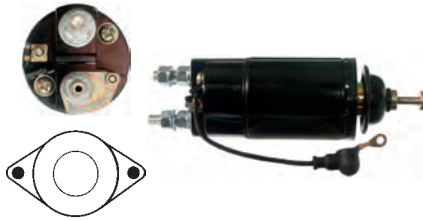
131807 Solenoid

Replacing: 153400-0860, 053400-7650, 053400-7220, 053400-6550, 053400-6500, 053400-5560, 053400-5240

Servicing: 028000-2450, 028000-5200, 028000-5201, 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335

12 V, B+ M8, Kl. 50 6.30, OD 50.00, OD/cover 42.65, Total length 123.80, Height/B+ 12.00, Width/kl. 50 14.25, Coil bolt M8, Coil bolt 2 11.65, No./terminals 3

Cap: HC-CARGO 133099. Contact Plate: HC-CARGO 135016.

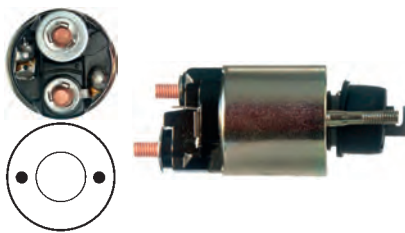


132641 Solenoid

Replacing: 053400-6030, 053400-4530, 053400-3570, 053400-3492, 053400-3491, 053400-3490, 053400-2870

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3930, 028000-3970, 028000-4930, 028000-5040, 028000-5920

12 V, B+ M10, OD 62.85, OD/cover 61.60, Total length 201.55, Height/B+ 23.20, Coil bolt M10, Coil bolt 2 22.20, No./terminals 3
Cap: HC-CARGO 137869.



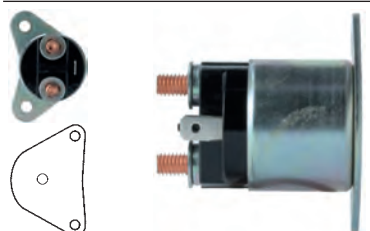
133675 Solenoid

Replacing: 053400-5292, 053400-5290, 053400-5282, 053400-5280

Servicing: 028000-8010, 028000-8160, 028000-8460, 028000-8690, 028000-8700, 028000-9100, 128000-0290, 128000-0370, 128000-0670

12 V, B+ M8, Kl. 50 6.30, OD 50.00, OD/cover 47.65, Total length 124.00, Height/B+ 12.10, Width/kl. 50 14.25, Coil bolt M8, Coil bolt 2 11.75, No./terminals 3

Cap: HC-CARGO 133099.

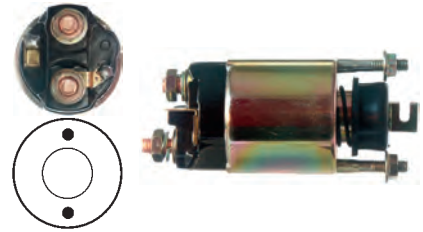


133711 Solenoid

Replacing: 182800-1570, 182800-1210, 182800-1050, 182800-1040, 182800-0930

Servicing: 028000-8411, 028000-8422, 028000-9133, 028000-9620, 028000-9622, 028000-9623, 028000-9821, 028000-9880, 028000-9882

12 V, B+ M6, Kl. 50 6.30, OD 33.80, OD/cover 32.55, Total length 52.70, Height/B+ 8.60, Width/kl. 50 9.45, Coil bolt M6, Coil bolt 2 8.40, No./terminals 3



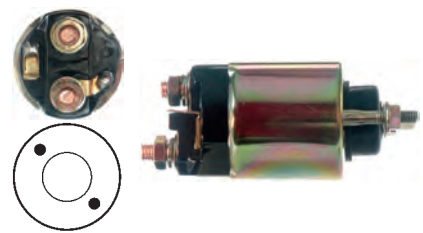
133723 Solenoid

Replacing: 053400-8740, 053400-5820, 053400-5150, 053400-5120

Servicing: 028000-7280, 028000-7440, 028000-7940, 128000-0090, 128000-0091, 128000-0350, 128000-0351, 128000-0461, 128000-0462

12 V, B+ M8, Kl. 50 6.30, OD 51.00, OD/cover 50.15, Total length 118.25, Height/B+ 11.60, Width/kl. 50 16.10, Coil bolt M8, Coil bolt 2 11.95, No./terminals 3

Cap: HC-CARGO 133099. Contact Plate: HC-CARGO 135016.



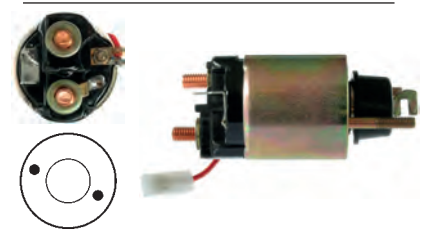
133809 Solenoid

Replacing: 312205-2A20, 153400-0850, 053400-8780, 053400-8730, 053400-8690, 053400-7130

Servicing: 128000-2610, 128000-2611, 128000-2680, 128000-2682, 128000-3040, 128000-3090, 128000-3091, 128000-4020, 128000-4230

12 V, B+ M8, Kl. 50 6.30, OD 49.65, OD/cover 47.90, Total length 114.55, Height/B+ 13.80, Width/kl. 50 14.00, Coil bolt M8, Coil bolt 2 10.75, No./terminals 3

Cap: HC-CARGO 133099. Contact Plate: HC-CARGO 135016.



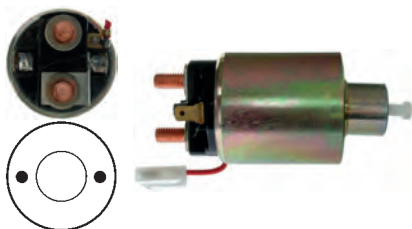
134933 Solenoid

Replacing: 053400-5251, 053400-5250, 053400-5001, 053400-5000

Servicing: 028000-3730, 028000-7520, 028000-7521, 028000-7680, 028000-7681, 028000-8730, 028000-9090, 028000-9091, 028000-9940

12 V, B+ M8, Kl. 50 6.30, OD 50.75, OD/cover 50.10, Total length 117.80, Height/B+ 11.10, Width/kl. 50 15.75, Coil bolt M8, Coil bolt 2 12.40, No./terminals 4

Cap: HC-CARGO 134934. Contact Plate: HC-CARGO 135016.


135590 Solenoid

Replacing: 021200-3251

Servicing: 100211-0141, 100211-0142, 100211-0321, 100211-0322

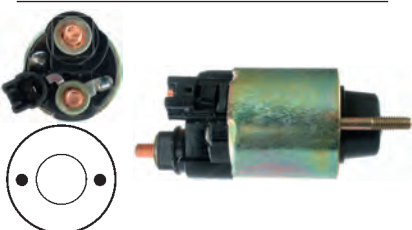
 12 V, B+ M8, Kl. 15a 6.30, ID/cover 25.00, OD 52.15, OD/cover 45.30, Total length 100.90, Height/B+ 13.60, Width/Kl. 15a 13.75, Coil bolt M8, Coil bolt 2 14.15, No./terminals 4
 Cap: HC-CARGO 137797.

135652 Solenoid

Replacing: 053400-8510, 053400-7800

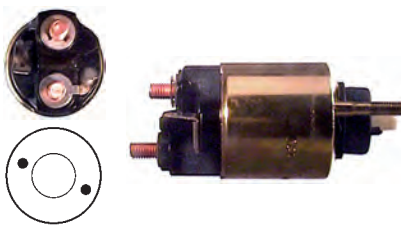
Servicing: 128000-2621, 128000-2631, 128000-2980, 128000-3662, 128000-4030, 128000-4031, 128000-4040, 128000-4050, 128000-4060

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, OD 50.80, OD/cover 50.00, Total length 114.55, Height/B+ 11.45, Width/Kl. 15a 10.45, Width/Kl. 50 16.55, Coil bolt M8, Coil bolt 2 12.45, No./terminals 4


136886 Solenoid

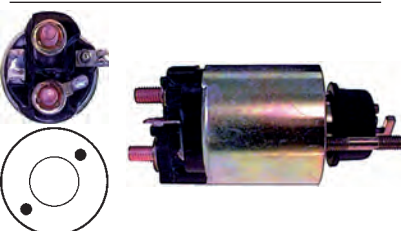
Replacing: 153400-3750, 153400-1520

Servicing: 228000-0940, 228000-0941, 228000-2900, 228000-4020, 228000-4030, 228000-6730, 228000-6740, 228000-6750, 228000-6760

 12 V, B+ M8, OD 50.00, OD/cover 49.90, Total length 124.65, Height/B+ 11.30, Coil bolt M8, Coil bolt 2 11.10, No./terminals 3
 Cap: HC-CARGO 235274.

138014 Solenoid

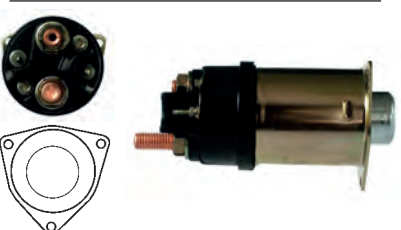
Replacing: 28150-87512, 053400-8750

Servicing: 128000-3662, 228000-4640, 228000-4641, 228000-5480, 228000-5481, 228000-5710, 228000-6430, 228000-7160, 228000-7161

 12 V, B+ M8, Kl. 50 6.30, OD 50.00, OD/cover 42.65, Total length 118.35, Height/B+ 13.10, Width/Kl. 50 13.50, Coil bolt M8, Coil bolt 2 11.80, No./terminals 3
 Cap: HC-CARGO 133099.

138813 Solenoid

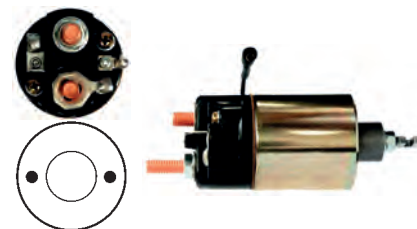
Replacing: 053400-6090

Servicing: 028000-9220, 028000-9221, 128000-1540, 128000-1541

 12 V, B+ M8, Kl. 50 6.30, OD 49.60, OD/cover 47.75, Total length 118.20, Height/B+ 15.00, Width/Kl. 50 14.00, Coil bolt M8, Coil bolt 2 10.85, No./terminals 4
 Cap: HC-CARGO 135090.

231925 Solenoid

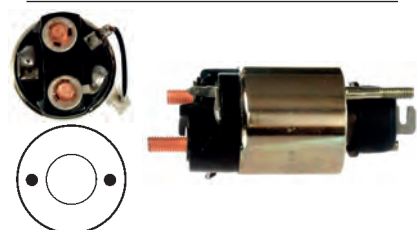
Replacing: 028300-4030

Servicing: 37MT

 12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/cover 32.20, OD 68.75, OD/cover 76.20, Total length 179.00, Coil bolt 1/2" UNC, Coil bolt 2 11.00, No./terminals 4
 Insulated return. Cap: HC-CARGO 232038.

231997 Solenoid

Replacing: 053400-3370, 053400-3010, 053400-3000, 053400-2250, 053400-2120, 053400-1880, 053400-1870

Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975

 12 V, B+ M8, Kl. 50 6.30, OD 50.00, OD/cover 49.00, Total length 141.65, Height/B+ 24.35, Width/Kl. 50 12.55, Coil bolt M8, Coil bolt 2 11.15, No./terminals 3
 Cap: HC-CARGO 232020.

232000 Solenoid

Replacing: 053400-4643, 053400-4642, 053400-4640, 053400-4432, 053400-4431, 053400-4430

Servicing: 028000-5334, 028000-5335, 028000-6380, 028000-6381, 028000-6382, 028000-6383, 028000-6384, 028000-6385, 028000-6391

12 V, B+ M8, Kl. 50 6.30, OD 50.00, OD/cover 47.75, Total length 121.55, Height/B+ 17.15, Width/Kl. 50 14.00, Coil bolt M8, Coil bolt 2 11.30, No./terminals 4


233951 Solenoid

Replacing: 053400-9630, 053400-4810

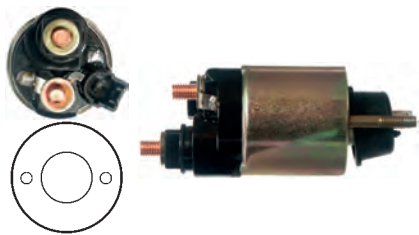
Servicing: 028000-6560, 028000-7430, 028000-7431, 128000-4340, 128000-5330, 128000-5331, 128000-6060, 128000-6070, 128000-6080

12 V, B+ M14, OD 63.65, OD/cover 63.75, Total length 232.80, Height/B+ 40.00, Coil bolt M14, Coil bolt 2 28.55, No./terminals 4



233952 Solenoid

Replacing: 053400-9891, 053400-9890
 Servicing: 128000-5970, 128000-7230, 128000-7250, 228000-2360, 228000-2370, 228000-2380, 228000-4600, 228000-4690, 228000-5360
 12 V, B+ 1/2", OD 62.77, OD/cover 63.87, Total length 216.70, Height/B+ 22.72, Coil bolt M12, Coil bolt 2 14.60, No./terminals 4
 Cap: HC-CARGO 233953.



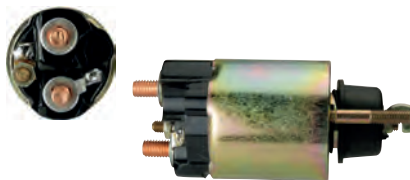
234992 Solenoid

Replacing: 153400-1510
 Servicing: 228000-0550, 228000-0551, 228000-2010, 228000-5960, 228000-5970, 228000-7581, 228000-7583, 228000-7591, 228000-7593
 12 V, B+ M8, OD 50.80, OD/cover 50.70, Total length 123.00, Height/B+ 9.40, Coil bolt M8, Coil bolt 2 11.35, No./terminals 3
 Cap: HC-CARGO 234128. Moving contact: HC-CARGO 135016.



235067 Solenoid

Replacing: 153400-4110
 Servicing: 228000-4890, 228000-4891, 228000-8490
 12 V, B+ M8/12.00, Kl. 50 6.30, OD 50.00, Total length 125.50, Height/B+ M8/12.00, Width/kl. 50 6.30, No./terminals 3



235319 Solenoid

Servicing: 128000-2640, 128000-2670, 128000-2790, 128000-3730, 128000-3740, 128000-3741, 128000-8650
 12 V, B+ M8, Kl. 30h M8, Kl. 50 M8, ID/cover 11.90, OD 51.00, OD/cover 7.85, Total length 117.30, No./terminals 3



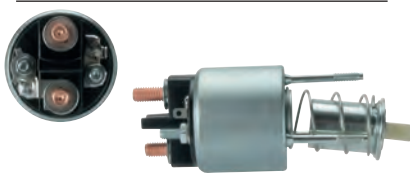
235320 Solenoid

Servicing: 128000-8690
 12 V, B+ M8, Kl. 50 M6, OD 50.79, Total length 115.68, Height/B+ 11.67, Width/kl. 50 11.17, Coil bolt M8, Coil bolt 2 11.52, No./terminals 3



235367 Solenoid

Servicing: 128000-4230
 12 V, B+ M8, Kl. 15a M8, Kl. 50 M6, OD 50.70, OD/cover 50.30, Total length 113.34, Height/B+ 60.00, Width/kl. 15a 30.00, Width/kl. 50 43.00, Coil bolt 7.68, Coil bolt 2 11.15, No./terminals 3



237392 Solenoid

Servicing: 428000-0670, 428000-1750
 12 V, B+ M8, Kl. 15a M5, Kl. 50 M6, OD 54.05, Total length 123.40, Height/B+ 18.00, Width/kl. 15a 8.00, Width/kl. 50 10.00, No./terminals 4



237531 Solenoid

Replacing: 153400-8403, 028099-9701
 Servicing: 228000-9900, 228000-9901, 228000-9902, 428000-0150, 428000-0151, 428000-0152, 428000-0550, 428000-0551, 428000-0552
 12 V, B+ M8, Kl. 50 6.30, OD 48.00, OD/cover 46.00, Total length 126.50, Height/B+ 12.80, Coil bolt M8, Coil bolt 2 10.50, No./terminals 3



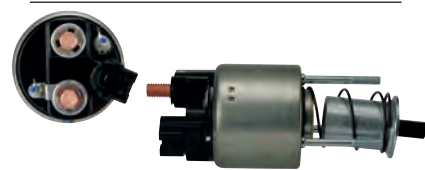
237806 Solenoid

Replacing: 153400-7610
 Servicing: 228000-6680, 228000-9580, 428000-0321
 12 V, B+ M8, OD 50.80, Total length 125.93, Switch dim. 12.70, Height/B+ 11.22, Width/kl. 50 6.40, Coil bolt M8, Coil bolt 2 12.76, No./terminals 3



237891 Solenoid

Servicing: 428000-1620
 12 V, B+ M8, Kl. 50 M5, OD 54.00, Total length 119.00, Height/B+ 14.00, Width/kl. 50 10.00, No./terminals 3
 Cap: HC-CARGO 237892.



237977 Solenoid

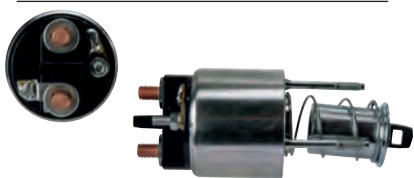
Servicing: 428000-0680, 428000-0700, 428000-0701
 12 V, B+ M8, Kl. 50 5.00, OD 54.00, Total length 104.00, Height/B+ 11.25, Coil bolt M8, Coil bolt 2 9.30, No./terminals 3


237992 Solenoid

Servicing: 428000-0720
 12 V, B+ M8, OD 54.00,
 Total length 103.50, Height/B+ 12.00,
 No./terminals 3


238471 Solenoid

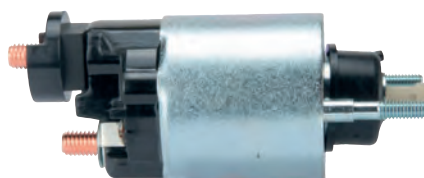
Servicing: 428000-0950
 12 V, B+ M8, KI. 50 6.30, OD 50.98,
 Total length 125.40, Height/B+ 11.00,
 Coil bolt M8, Coil bolt 2 11.00,
 No./terminals 3
Solenoid cap can not be replaced.


330430 Solenoid

Servicing: 428000-1630
 12 V, B+ M8, KI. 50 M5, OD 53.90,
 Total length 121.28, Height/B+ 17.74,
 Width/KI. 50 13.60, Coil bolt M8,
 Coil bolt 2 10.32


330642 Solenoid

Servicing: 428000-3180
 12 V, B+ M8, KI. 50 4.70,
 ID/cover 46.19, OD 54.07,
 OD/cover 52.23, Total length 120.00,
 Switch dim. 15.06, Height/B+ 11.65,
 Coil bolt M8, Coil bolt 2 10.27


331918 Solenoid

12 V, B+ M8, KI. 50 6.30,
 OD 49.90, Total length 125.00,
 Height/B+ 12.00, Coil bolt M8,
 Coil bolt 2 11.50, No./terminals 3


331929 Solenoid

Servicing: 228000-9871, 228000-9872
 12 V, B+ M8, KI. 50 6.30,
 OD 49.72, Total length 147.47,
 Height/B+ 11.60, Coil bolt M8,
 Coil bolt 2 11.60, No./terminals 3


332161 Solenoid

Servicing: 428000-3410, 428000-5000,
 428000-5001, 428000-5280
 12 V, B+ M8, KI. 50 Plug, OD 50.00,
 OD/cover 48.00, Total length 146.12,
 Height/B+ 11.35, Coil bolt M8,
 Coil bolt 2 10.00, No./terminals 2


332477 Solenoid

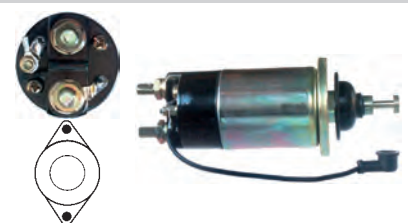
Replacing: 028099-9791
 Servicing: 428000-0022, 428000-0023,
 428000-0024, 428000-0340, 428000-0341
 12 V, B+ M8, KI. 50 4.70, OD 48.15,
 OD/cover 46.20, Switch dim. 5.10,
 Height/B+ 12.00, Coil bolt M8,
 Coil bolt 2 10.50, No./terminals 3


333003 Solenoid

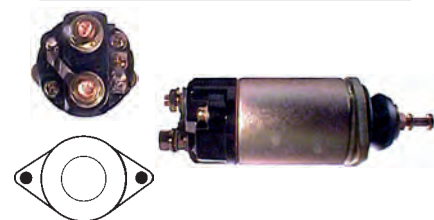
Replacing: 153400-4401
 Servicing: 228000-6450
 12 V, B+ M8, OD 132.00,
 Total length 86.00, No./terminals 3


334034 Solenoid

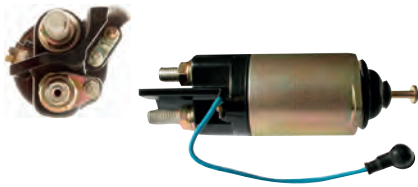
Servicing: 428000-5510, 428000-5511, DSN967
 12 V, B+ M8, KI. 50 M6, ID/cover 46.20,
 OD 50.00, OD/cover 48.30,
 Total length 139.50, Height/B+ 18.70,
 Coil bolt M8, Coil bolt 2 10.50,
 No./terminals 3

24 V

134413 Solenoid

Replacing: 053400-6050, 053400-3540,
 053400-2090, 053400-1680, 053400-1630
 Servicing: 028000-4130, 028000-4131,
 028000-5250, 028000-5251
 24 V, B+ M10, OD 62.60,
 OD/cover 61.70, Total length 203.85,
 Height/B+ 23.80, Coil bolt M10,
 Coil bolt 2 23.00, No./terminals 3
Cap: HC-CARGO 137869.


137033 Solenoid

Replacing: 053400-1900
 Servicing: 028000-5160
 24 V, B+ M8, OD 50.00,
 OD/cover 49.85, Total length 163.45,
 Height/B+ 18.45, Coil bolt M8,
 Coil bolt 2 12.15, No./terminals 3
Cap: HC-CARGO 138815.



234876 Solenoid
 Replacing: 053400-9751, 053400-9750
 Servicing: 128000-7170, 128000-7172, 128000-7174, 128000-7240, 128000-7520, 228000-4730
 24 V, B+ M12, OD 63.54, OD/cover 64.10, Total length 210.00, Height/B+ 26.79, Coil bolt M12, Coil bolt 2 16.36, No./terminals 4

Solenoid Assy's

12 V



137980 Solenoid Assy
 Replacing: 153400-1291, 153400-1290, 153400-0951, 153400-0950, 153400-0130, 053400-9641, 053400-4212
 Servicing: 028000-5581, 028000-6870, 028000-6871, 028000-6872, 028000-6880, 028000-6881, 028000-6882, 028000-6890, 028000-6891
 12 V, B+ M10, Kl. 50 6.30, OD 70.90, Total length 141.00, Height/B+ 16.00, Width/kl. 50 10.85, Coil bolt M10, Coil bolt 2 9.40



138183 Solenoid Assy
 Manufacturer: Denso
 Replacing: 153400-1640, 153400-1011, 153400-1010, 053400-7140, 053400-4900
 Servicing: 028000-5900, 028000-6300, 028000-7560, 028000-8220, 028000-9260, 028000-9261, 028000-9720, 128000-1240, 128000-1241
 12 V, B+ M8, OD 63.50, Total length 122.50, Height/B+ 11.45, Coil bolt M8, Coil bolt 2 7.90



138420 Solenoid Assy
 Replacing: 053400-9710
 Servicing: 128000-9380, 228000-0470, 228000-0471, 228000-0472, 228000-0473, 428000-2220
 12 V, B+ M8, OD 60.25, Total length 93.95, Height/B+ 17.95, Coil bolt M8, Coil bolt 2 8.15



138878 Solenoid Assy
 Manufacturer: Denso
 Replacing: 053400-5361, 053400-5360
 Servicing: 028000-6000, 028000-6001, 028000-6960, 028000-6961, 028000-6962, 028000-7620, 028000-7621, 028000-8050, 028000-8290
 12 V, B+ M8, OD 63.50, Total length 121.50, Height/B+ 11.55, Coil bolt M8, Coil bolt 2 8.00
w/ solenoid plug.



230561 Solenoid Assy
 Replacing: 153400-1790, 053400-6121, 053400-6120, 053400-4341, 053400-4340
 Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7790, 028000-7791, 128000-0020, 128000-0040
 12 V, B+ M8, Kl. 50 6.30, OD 63.65, Total length 122.00, Height/B+ 11.50, Width/kl. 50 10.40, Coil bolt M8, Coil bolt 2 8.00



230574 Solenoid Assy
 Replacing: 153400-2320, 053400-7301, 053400-7300, 053400-3470
 Servicing: 028000-5870, 028000-5871, 028000-6290, 028000-6291, 028000-6292, 028000-8490, 028000-8491, 228000-1610, 228000-1611
 12 V, B+ M10, Kl. 50 6.30, OD 71.40, Total length 142.80, Height/B+ 16.00, Width/kl. 50 10.85, Coil bolt M10, Coil bolt 2 9.20



230576 Solenoid Assy
 Replacing: 153400-6640, 153400-4040, 153400-2650, 153400-2290, 153400-2080, 153400-1570, 153400-1490
 Servicing: 028000-5371, 028000-5560, 028000-5561, 028000-6780, 028000-6891, 028000-6893, 028000-8070, 028000-8072, 028000-8340
 12 V, B+ M10, Kl. 50 6.30, OD 71.45, Total length 140.40, Height/B+ 15.75, Width/kl. 50 10.45, Coil bolt M10, Coil bolt 2 10.00



230578 Solenoid Assy
 Replacing: 153400-2240
 Servicing: 028000-6250, 128000-9730, 128000-9740, 228000-1070, 228000-4390, 228000-4391, 228000-4392
 12 V, B+ M8, OD 60.65, Total length 94.30, Height/B+ 11.40, Coil bolt M8, Coil bolt 2 8.35


230582 Solenoid Assy

Replacing: 153400-6520, 153400-2250, 153400-1890, 153400-1880, 153400-1340, 153400-0740

Servicing: 128000-7140, 128000-9300, 128000-9520, 228000-0340, 228000-0950, 228000-0980, 228000-0981, 228000-0990, 228000-0991

12 V, B+ M8, OD 60.20,
Total length 94.40, Height/B+ 11.40,
Coil bolt M8, Coil bolt 2 8.00


230583 Solenoid Assy

Replacing: 153400-3690

Servicing: 228000-2570, 228000-2571, 228000-2572, 228000-2573

12 V, B+ M8, OD 60.65,
Total length 94.00, Height/B+ 17.00,
Coil bolt M8, Coil bolt 2 5.80


230827 Solenoid Assy

Replacing: 153400-1400, 153400-1371, 053400-4754, 053400-4753

Servicing: 028000-7370, 028000-7372, 028000-7373, 028000-8140, 028000-8141, 028000-8142, 028000-8760, 028000-8761, 028000-8762

12 V, B+ M8, Kl. 50 6.30, OD 63.30,
Total length 122.35, Height/B+ 13.35,
Width/kl. 50 10.15, Coil bolt M8,
Coil bolt 2 10.45


233703 Solenoid Assy

Replacing: 153400-4140, 153400-2230, 153400-0332, 153400-0331

Servicing: 128000-8320, 128000-8321, 128000-8322, 128000-8323, 228000-1000, 228000-1020, 228000-1021, 228000-1022, 228000-1040

12 V, B+ M8, Kl. 50 6.30, OD 60.00,
Total length 101.40, Height/B+ 17.15,
Width/kl. 50 12.40, Coil bolt M8,
Coil bolt 2 8.80


234075 Solenoid Assy

Replacing: 153400-2510, 153400-0030

Servicing: 128000-7710, 128000-7712, 128000-7713, 128000-7714, 128000-9751, 128000-9752, 228000-2060, 228000-2061, 228000-4000

12 V, B+ M8, Kl. 50 6.30, OD 60.75,
Height/B+ 11.90, Coil bolt M8,
Coil bolt 2 7.65


234143 Solenoid Assy

Manufacturer: Denso

Replacing: 153400-4293, 153400-4292, 153400-4291

Servicing: 228000-5020, 228000-5021, 228000-5022, 228000-5023

12 V, B+ M8, Kl. 50 6.30, OD 62.30,
Total length 121.40, Height/B+ 11.55,
Coil bolt M8, Coil bolt 2 7.85


234419 Solenoid Assy

Replacing: 153400-3831

Servicing: 228000-1180, 228000-3981, 228000-4960, 228000-4961, 228000-7220

12 V, B+ M8, Kl. 50 6.30, OD 62.00,
Total length 94.60, Height/B+ 11.40,
Width/kl. 50 11.85, Coil bolt M8,
Coil bolt 2 8.30, Seconds 1.8


234661 Solenoid Assy

Manufacturer: Denso

Replacing: 053400-8160, 053400-6380, 053400-0903

Servicing: 028000-8620, 028000-9860, 128000-0050, 128000-0170, 128000-0171, 128000-5850, 128000-6640, 128000-8070, 128000-8200

12 V, B+ M8, OD 62.75,
Total length 121.25, Height/B+ 10.75,
Coil bolt M8, Coil bolt 2 7.80


234915[#] Solenoid Assy

Replacing: 153400-3980, 153400-1821

Servicing: 228000-0820, 228000-0821, 228000-0822, 228000-0823, 228000-0830, 228000-0831, 228000-0832, 228000-2500

12 V


234960 Solenoid Assy

Replacing: 153400-2540

Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-8150

12 V



235098 Solenoid Assy
 Manufacturer: Denso
 Replacing: 153400-4532, 153400-4531
 Servicing: 228000-4930, 228000-5340, 228000-5341, 228000-5342, 428000-0290, 428000-3110
 12 V



235859 Solenoid Assy
 Replacing: 153400-2430
 Servicing: 228000-1830, 228000-1832
 24 V, B+ M8, Kl. 50 M4S,
 Total length 159.00, Height/B+ 15.00,
 Width/kl. 50 10.00, Coil bolt M8,
 No./terminals 1



330847 Solenoid Assy
 Servicing: 228000-7800, 228000-7801
 12 V, B+ M8, Kl. 50 6.30,
 Total length 94.00, Height/B+ 15.50,
 Coil bolt M8, Coil bolt 2 8.50,
 No./terminals 3



335049 Solenoid Assy
 Replacing: 153400-9040
 Servicing: 428000-2650
 12 V, B+ M8, OD 123.00,
 Total length 144.00, Coil bolt M8,
 No./terminals 3

24 V



137566 Solenoid Assy
 Replacing: 153400-2310, 153400-1321,
 153400-1320, 153400-0540, 053400-9571,
 053400-9570, 053400-9500
 Servicing: 028000-5300, 028000-5301, 028000-5530,
 028000-5531, 028000-5532, 028000-5550,
 028000-5551, 028000-5552, 028000-5553
 24 V, B+ M10, Kl. 50 6.30,
 OD 71.35, Total length 141.80,
 Height/B+ 15.30, Width/kl. 50 10.55,
 Coil bolt M10, Coil bolt 2 8.00



137567 Solenoid Assy
 Replacing: 053400-9240, 053400-4770,
 053400-4730, 053400-4610, 053400-4202,
 053400-4201, 053400-4200
 Servicing: 028000-4800, 028000-5570,
 028000-5571, 028000-5651, 028000-5652,
 028000-5840, 028000-5841, 028000-5860,
 028000-5861
 24 V, B+ M10, Kl. 50 6.30,
 OD 71.40, Total length 141.90,
 Height/B+ 16.30, Width/kl. 50 10.15,
 Coil bolt M10, Coil bolt 2 10.25



137568 Solenoid Assy
 Replacing: 053400-7311, 053400-7310
 Servicing: 128000-1570, 128000-1571,
 128000-1572, 128000-1573, 128000-1574,
 128000-6170, 128000-6171, 128000-6172,
 128000-6173
 24 V, B+ M10, Kl. 50 6.30, OD 71.35,
 Total length 141.55, Height/B+ 16.15,
 Width/kl. 50 9.70, Coil bolt M10,
 Coil bolt 2 10.45



233453 Solenoid Assy
 Servicing: 228000-7550, 228000-7551
 24 V, B+ M10, Kl. 50 M5, OD 71.00



233454 Solenoid Assy
 24 V, B+ M10, Kl. 50 M5, OD 72.00,
 Total length 142.50, Height/B+ 17.75,
 Coil bolt M10, Coil bolt 2 10.10



234681 Solenoid Assy
 Replacing: 053400-9412, 053400-9411,
 053400-9410
 Servicing: 128000-5730, 128000-5731,
 128000-5732, 128000-5733
 24 V, B+ M12, Kl. 50 9.40,
 Height/B+ 20.80, Width/kl. 50 10.65

Safety Switches

24 V



230386 Safety Switch
 Replacing: 182800-3140, 128800-3140
 24 V, OD 33.65, OD/cover 31.45,
 Total length 51.80

Alternative no.: 333281


333281 Safety switch

Manufacturer: Bosch

Replacing: 182800-3140, 128800-3140

 24 V, OD 33.65, OD/cover 31.45,
Total length 51.80

Alternative no.: 230386

Solenoid Parts
Coils

132706 Solenoid Coil

 Servicing: 228000-5650, 228000-5651,
228000-5652

12 V, ID 20.90, OD 46.75

Double wire on left side. Single wire on right side.

132707 Solenoid Coil

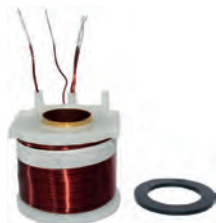
12 V, ID 21.15, OD 46.10

Single wire on left side. Double wire on right side.

132708 Solenoid Coil

 Servicing: 028000-5910, 028000-5911,
028000-5912, 028000-6300, 028000-7830,
028000-8440, 028000-9270, 128000-0140,
128000-0141

12 V, ID 21.00, OD 46.60


132880 Solenoid Coil

12 V, ID 21.00, OD 46.65

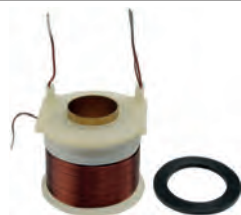

132881 Solenoid Coil

Servicing: 028000-4000, 028000-4243, 028000-4250, 028000-4340, 028000-4341, 028000-4343, 028000-4540, 028000-4550, 028000-4940

12 V, ID 20.85, OD 46.50


132882 Solenoid Coil

24 V, ID 20.90, OD 46.55


132883 Solenoid Coil

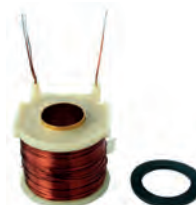
Servicing: 028000-5800, 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7790, 028000-7791, 028000-8060

12 V, ID 21.00, OD 46.65


132884 Solenoid Coil

Servicing: 028000-5900, 028000-7560, 028000-9260, 028000-9261, 028000-9380, 028000-9510, 028000-9720, 128000-0620, 128000-0621

12 V, ID 21.00, OD 45.85

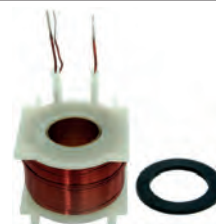

133094 Solenoid Coil

24 V, ID 21.10, OD 46.75


136606 Solenoid Coil

Servicing: 128000-7140, 128000-8210, 128000-8310, 128000-8311, 128000-8312, 128000-8320, 128000-8321, 128000-8322, 128000-8323

12 V, ID 21.10, OD 43.75


136607 Solenoid Coil

Servicing: 128000-7010, 128000-7390, 128000-7500, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714

12 V, ID 20.85, OD 43.75


138929 Solenoid Coil

12 V, ID 20.85, OD 46.10


138931 Solenoid Coil

 Servicing: 228000-4980, 228000-4981,
228000-4982

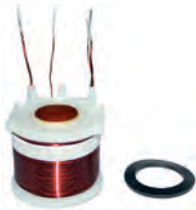
12 V, ID 21.10, OD 46.00



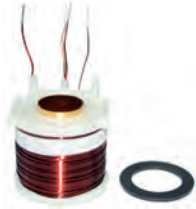
138934 Solenoid Coil
12 V, ID 21.00, OD 46.55



138936 Solenoid Coil
12 V, ID 21.00, OD 46.85



138937 Solenoid Coil
12 V, ID 21.00, OD 46.70



138939 Solenoid Coil
Servicing: 228000-5641
24 V, ID 21.00, OD 46.70



138940 Solenoid Coil
24 V, ID 21.10, OD 46.75, Height 39.00



138941 Solenoid Coil
24 V, ID 21.15, OD 46.30



138942 Solenoid Coil
24 V, ID 21.00, OD 46.75



138943 Solenoid Coil
24 V, ID 21.00, OD 46.85

Solenoid Caps



131374 Solenoid Cap
Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975
OD 49.60, No./terminals 4
HC-CARGO 131084.



133099 Solenoid Cap
Servicing: 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6490, 028000-6491, 028000-6492
OD 48.30, No./terminals 3, Bracket type Crimp
HC-CARGO 131807, 133675, 133723, 133809.



133104# Solenoid Cap
Servicing: 028000-5200, 028000-5201, 028000-5210, 028000-5400, 028000-5401, 028000-5410, 053400-2830
OD 49.20, No./terminals 4



134627 Solenoid Cap
Servicing: 028000-0430, 028000-1370, 028000-1850, 028000-2150, 028000-2151, 028000-2240, 028000-2241, 028000-2360, 028000-2361
OD 49.80, No./terminals 3
HC-CARGO 130814, 132057.



134934 Solenoid Cap
Servicing: 028000-3730, 028000-6820, 028000-6821, 028000-6822, 028000-6823, 028000-7520, 028000-7521, 028000-8730, 028000-9010
OD 48.25, No./terminals 4, Bracket type Crimp
HC-CARGO 134933.



137371 Solenoid Cap
Servicing: 053400-8510, 228000-5400, 228000-5910
OD 48.50, No./terminals 4, Bracket type Crimp
HC-CARGO 135652.


137869 Solenoid Cap

Servicing: 028000-3290, 028000-3291, 028000-3292, 053400-1680, 053400-1720, 053400-3490, 053400-3491, 053400-3492, 053400-6030
 OD 61.80, No./terminals 3
 HC-CARGO 132641, 134413.


234128 Solenoid Cap

Servicing: 228000-5960, 228000-7581, 228000-7591
 OD 48.80, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 234992.


235274 Solenoid Cap

Servicing: 153400-1520, 228000-4020, 228000-6730, 228000-6750, 228000-6840, 228000-8350, 228000-8360, 228000-8540, 228000-8550
 OD 48.40, No./terminals 3
 HC-CARGO 136886.


237892 Solenoid Cap

Servicing: 428000-1620
 OD 52.25, No./terminals 3


237978 Solenoid Cap

Servicing: 428000-0680, 428000-0700, 428000-0701, 428000-0720, 428000-3180, 428000-7710
 OD 52.60, No./terminals 3,
 Bracket type Crimp


331957 Solenoid Cap

Servicing: 428000-1760
 OD 52.13, No./terminals 3,
 Bracket type Crimp

Moving Contacts


131830 Contact Kit

Servicing: 028000-4550, 028000-5120, 028000-6030, 028000-6031, 028000-6040, 028000-6041, 028000-6620, 028000-6700, 028000-6701
 Alternative no.: F032131830


131831 Contact Kit

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-5730, 028000-5800, 028000-5900, 028000-5910, 028000-5911, 028000-5912
 Thickness 2.50


131832 Contact Kit

Servicing: 028000-5530, 028000-5581, 028000-5620, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290
 Alternative no.: F032131832


131833 Contact Kit

Servicing: 128000-1790
 Alternative no.: F032131833


132564 Contact Kit

Replacing: 028099-7140, 028099-7120, 028099-7100, 028099-3781, 028099-3780, 028099-2791, 028099-2790
 Servicing: 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541, 028000-5542


132565 Contact Kit

Replacing: 028099-3160
 Servicing: 028000-4800, 028000-5000, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532



132567 Contact Kit

Replacing: 028099-8701, 028099-8672, 028099-3860, 028099-3031, 028099-3030, 028099-2820, 028099-2680

Servicing: 028000-3641, 028000-3642, 028000-4343, 028000-4450, 028000-4990, 028000-5060, 028000-5190, 028000-5390, 028000-5730



132568 Contact Kit

Replacing: 028099-7220, 028099-6820, 028099-3399, 028099-3390, 028099-3020, 028099-3010, 028099-2921

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4540, 028000-4550

Length 29.80, Shaft measurement 26.80, Thickness M8

Alternative no.: F032132568



133599 Contact Kit

Replacing: 028099-3170

Servicing: 128000-3080, 128000-3081, 128000-3082, 128000-3512, 128000-3513, 128000-3514, 228000-1671, 228000-5641



133601 Contact Kit

Replacing: 028099-2691, 028099-2690

Servicing: 028000-4800, 028000-5000, 028000-5300, 028000-5301, 028000-5570, 028000-5571, 028000-5651, 028000-5652, 028000-5660



133602 Contact Kit

Servicing: 028000-7370, 028000-7372, 028000-7373, 028000-7790, 028000-7791, 028000-8320, 028000-8370, 028000-8371, 028000-8451

For 1/1.2/1.4/2 kW.

Alternative no.: F032133602



133621 Contact Kit



133634 Contact Kit

Servicing: 028000-5300, 028000-5581, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290, 028000-6291

Width 3.00

Alternative no.: F032133634



133635 Contact Kit

Servicing: 028000-7000, 028000-7001, 028000-9030, 028000-9260, 028000-9261, 128000-0280, 128000-0281, 128000-0620, 128000-0621

Shaft measurement M8, Width 2.50

Alternative no.: F032133635

Pkg. 10



135016 Contact Plate

Servicing: 028000-5200, 028000-5201, 028000-6490, 028000-6491, 028000-6492, 028000-6493, 028000-6494, 028000-6495, 028000-7091

Length 25.25, Thickness 4.00, Width 12.55



135383 Contact Kit

Replacing: 028099-6600

Servicing: 128000-3380, 128000-3381, 128000-3420



135384 Contact Kit

Replacing: 028099-9131, 028099-9130, 028099-7230

Servicing: 128000-7010, 128000-7390, 128000-7500, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714



135385 Contact Kit

Replacing: 028099-7231, 028099-7212, 028099-7210

Servicing: 128000-7002, 128000-7122, 128000-7140, 128000-8210, 128000-8310, 128000-8311, 128000-8312, 128000-8320, 128000-8321

Length 29.30, Shaft measurement 26.30, Thickness M8

Alternative no.: F032135385



139046 Contact Kit

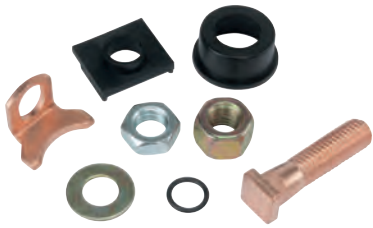
Replacing: 028099-7242, 028099-7240

Servicing: 128000-9310, 128000-9860, 128000-9880, 128000-9890, 228000-0820, 228000-0821, 228000-0822, 228000-0823, 228000-0830

1.2/1.4 kW.


139047 Contact Kit

Replacing: 128099-5241, 128099-5240
 Servicing: 228000-0570, 228000-0571, 228000-1590, 228000-1591, 228000-1600, 228000-1601, 228000-1610, 228000-1611, 228000-1661
 2.5/2.7/4.5 kW.


139081 Contact Kit

Servicing: 128000-5730, 128000-5731, 128000-5732
 Length 65.00, Shaft measurement M12
 Used w/ HC-CARGO 132565.


139494 Contact Kit

Replacing: 028099-7812, 028099-7800, 028099-7202
 Servicing: 228000-1100, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690
 12 V. 2 kW.
 Alternative no.: 335157


139495 Contact Kit

Replacing: 028099-3041, 028099-3040, 028099-3001, 028099-3000
 Servicing: 028000-4323, 028000-4540, 028000-4550, 028000-4940, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000
 12 V. 1 kW.


139532 Contact Kit

Replacing: 028099-8961, 028099-8960, 028099-7752, 028099-7751, 028099-7750
 Servicing: 028000-7370, 028000-7372, 028000-7373, 028000-8760, 028000-8761, 028000-8762, 128000-0360, 128000-7350, 128000-7353
 1/1.2/1.4/2 kW.


230004 Contact Kit

Length 16.00, Thickness 3.00, Width 17.00


230744 Contact Kit

Replacing: 028099-6890, 028099-6470, 028099-6433, 028099-6432, 028099-6431, 028099-6430, 028099-6420
 Servicing: 128000-5730, 128000-5731, 128000-5732, 228000-3700, 228000-7902, 428000-0190, 428000-2370
 Shaft measurement M12
 24 V. 5.5 kW.


232982 Contact Kit

232983 Contact Kit

233069 Contact Plate

Servicing: 028000-9380, 053660-0401, 053660-7050, 053660-7100, 128000-1050, 128000-1630, 128000-1770, 128000-3350, 128000-6280
 OD 36.80, Thickness 2.00


233077 Contact Plate

Servicing: 053660-7120, 053660-7150
 OD 34.80, Thickness 2.00


233078 Contact Plate

Servicing: 053660-0443, 053660-0660
 OD 39.80, Thickness 2.50


233081 Contact Kit

Servicing: 128000-7380


233169 Contact Kit

Servicing: 128000-5750
 Shaft measurement M8



233689 Contact Kit

Replacing: 028099-8940, 028099-8911, 028099-7520
 Servicing: 228000-1960, 228000-1970, 228000-2570, 228000-2571, 228000-2572, 228000-2573, 228000-2831, 228000-2841, 228000-3240
 Length 37.65, Shaft measurement M8, Thickness 8.70
 12 V. 1.4 kW.



234352 Contact Kit

Pkg. 5



235638 Contact

Servicing: 028000-7000, 028000-8370, 228000-0450
 Length 21.90, Thickness 2.45, Width 15.50

Pkg. 5



237893 Moving Contact

Servicing: 428000-0720, 428000-1620
 Length 24.50, Thickness 1.60, Width 26.50

Pkg. 10



237979 Moving Contact

Servicing: 428000-0680, 428000-0700, 428000-0701, 428000-0720, 428000-3180
 Length 24.25, Thickness 1.60, Width 12.50

Pkg. 10

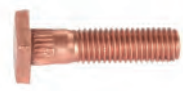


332661 Contact Plate

Servicing: 228000-0940, 228000-0941, 228000-2900, 228000-5960
 Length 25.50, Thickness 4.25, Width 12.30

Fixed Contacts

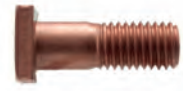
Pkg. 10



139640 Fixed Contact

Servicing: 228000-5641, 228000-5650, 228000-5651, 228000-5652, 428000-2631
 Total length 45.70, Length/rear collar 42.00, Thread length 24.20, Thread size M10

Pkg. 10



139641 Fixed Contact

Servicing: 228000-1180, 228000-3981, 228000-5641, 228000-5650, 228000-5651, 228000-5652, 428000-2631
 Thread M10, Total length 33.20, Thread length 18.50, Head type Flat head

Pkg. 10



139642 Fixed Contact

Servicing: 228000-0971, 228000-3280, 228000-3282, 228000-3283, 228000-3620, 228000-3621, 228000-3622, 228000-4980, 228000-4981
 Total length 27.71, Length/rear collar 24.28, Thread length 14.27, Thread size M8

Pkg. 10



139643 Fixed Contact

Servicing: 228000-0971
 Thread M8, Total length 29.80, Thread length 15.25

Pkg. 10



139644 Fixed Contact

Servicing: 228000-1180, 228000-3280, 228000-3282, 228000-3283, 228000-3620, 228000-3621, 228000-3622, 228000-3981, 228000-4980
 Thread M8, Total length 36.70, Thread length 19.60

Pkg. 10



233066 Fixed Contact

Servicing: 428000-0250, 428000-0570, 428000-2720, 428000-2730, 428000-5470
 Total length 37.00, Length/rear collar 33.30, Thread length 19.05, Thread size M8

Pkg. 5


233168 Contact

Length 24.95

Various



Pkg. 5

131834 Terminal Switch

Replacing: 053480-7430, 053480-7320, 053480-7220, 053480-0380, 053480-0100
 Servicing: 028000-4323, 028000-4540, 028000-5530, 028000-5620, 028000-5800, 028000-5900, 028000-5911, 028000-5912, 028000-6000

Pkg. 5


131835 Terminal Switch

Replacing: 053480-0090
 Servicing: 028000-5060, 028000-5821, 028000-5822, 028000-5991, 028000-5992, 028000-6440, 028000-6570, 028000-6620, 028000-6701

Pkg. 5


131836 Terminal Switch

Servicing: 028000-4550, 028000-6030, 028000-6031, 028000-6041, 028000-6620, 028000-6700, 028000-6701, 028000-7190, 028000-7191

Pkg. 5


132068# Gasket

ID 55.00, ID/mount. hole 5.70, OD 65.70, Thickness 0.70


132563 Plunger

Replacing: 053660-7710, 053660-7260, 053660-7250, 053660-7100, 053660-0442, 053660-0441, 053660-0440
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4540, 028000-4550
 OD 36.80, Length 96.77
 Contact: HC-CARGO 233069.
 Alternative no.: F032132563


132570 Plunger

Replacing: 053660-7170, 053660-7111, 053660-0660, 053660-0443, 021660-0442, 021660-0441, 021660-0440
 Servicing: 028000-4800, 028000-5000, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532
 OD 39.80, Length 119.20
 Contact: HC-CARGO 233078.

Pkg. 5


132705 Terminal Switch

Replacing: 053480-0110
 Servicing: 028000-4800, 028000-5120, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532
 Width 2.50
 M5-0.8 thread hole.

Pkg. 5


132709 Terminal Switch

Servicing: 028000-4550, 028000-6030, 028000-6031, 028000-6041, 028000-6620, 028000-6700, 028000-6701, 028000-7190, 028000-7191

Pkg. 10


132725 Insulator

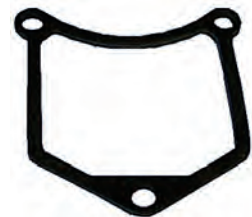
Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-4550, 028000-5730, 028000-5900, 028000-5910, 028000-5911, 028000-5912
 ID 11.40, OD 21.90, Height 6.00

Pkg. 5

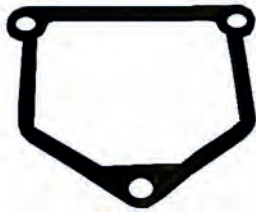

132870 Terminal

Servicing: 128000-2570, 128000-2580, 128000-3500, 128000-4960, 128000-5270, 128000-5280, 128000-7500, 128000-8030
 Total length 27.50, Thread length 7.00, Thread size M4

Pkg. 5


132878 Gasket

Replacing: 053404-0320, 053404-0210
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4540, 028000-4940, 028000-4990, 028000-5060
 ID 52.40, ID/mount. hole 7.50, OD 61.40, Thickness 2.85, Material Rubber



Pkg. 5

132879 Gasket

Replacing: 053404-0240
 Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

ID 61.35, ID/mount. hole 7.90, OD 70.90, Thickness 1.95, Material Rubber



Pkg. 5

135167 Insulator

Servicing: 028000-5300, 028000-5581, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290, 028000-6291

Pkg. 5



Pkg. 5

135343 Spring

Replacing: 053659-7070

Servicing: 128000-3480, 128000-3481, 128000-3482, 128000-5950, 128000-5951, 128000-7390, 128000-7991, 128000-8310, 128000-8311

OD 7.35, Length 89.60
 2.5 kW.

Pkg. 10



Pkg. 5

132897 Terminal Switch

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-5910, 028000-5911, 028000-8440, 228000-5382



135168 Insulator

Servicing: 028000-5300, 028000-5581, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290, 028000-6291

Pkg. 10

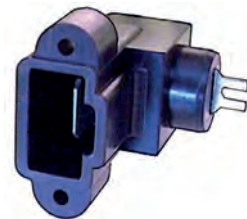


135476# Insulator

Servicing: 028000-5581, 028000-6870, 028000-6880, 028000-6890, 028000-6891, 028000-6892, 028000-6910, 028000-7240, 028000-7241

ID 13.40, OD 29.75, Height 13.90

Pkg. 10



135650 Terminal Switch

Replacing: 053480-0431, 053480-0430

Servicing: 028000-5730, 128000-0111, 128000-0710, 128000-0740, 128000-0790, 128000-1151, 128000-1152, 128000-3410, 128000-6360



Pkg. 10

134496 Insulator

Servicing: 028000-5730, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6250, 028000-7000, 028000-7001, 028000-7002

ID 8.00



135313 Terminal Switch

Replacing: 053480-7300

Servicing: 028000-6250, 028000-7830, 028000-8570, 028000-8581, 028000-9800, 128000-0140, 128000-0141, 128000-0170, 128000-0171

Pkg. 5



Pkg. 5

135342 Spring

Replacing: 949170-9770, 949170-3380, 053659-7060

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4512, 028000-4540, 028000-4940, 028000-5060

OD 7.00, Length 62.00
 1/2.2 kW.



135166 Insulator

Servicing: 128000-0040
 ID 8.30, OD 22.00, Height 5.60



135865 Plunger

Replacing: 053660-7051, 053660-7050

Servicing: 128000-3470, 128000-3471, 128000-3472, 128000-3480, 128000-3481, 128000-3482, 128000-5941, 128000-5942, 128000-5950

OD 36.80, Length 123.00
 Contact: HC-CARGO 233069.


136033 Gasket

Replacing: 053404-7061

Servicing: 128000-6280, 128000-7002, 128000-7122, 128000-7140, 128000-7390, 128000-7500, 128000-7560, 128000-7712, 128000-7713

ID 50.90, ID/mount. hole 6.40, OD 59.70, Thickness 2.25, Material Rubber


136374 Plunger

Replacing: 053680-7120, 053660-7121, 053660-7120

Servicing: 128000-6810, 128000-6811, 128000-6812, 128000-7002, 128000-7010, 128000-7120, 128000-7122, 128000-7140, 128000-7500

 OD 34.80, Length 96.50
 Contact: HC-CARGO 233077.

136901 Plunger

Replacing: 053660-7151, 053660-7150

Servicing: 128000-7390, 128000-8310, 128000-8311, 128000-8312, 128000-8400, 128000-9710, 128000-9720, 228000-0220, 228000-0420

 OD 35.00, Length 126.50
 Contact: HC-CARGO 233077.

137204 Terminal Switch

Replacing: 053480-7670, 053480-7550, 053480-7510

Servicing: 128000-9890, 228000-0580, 228000-0780, 228000-0820, 228000-0821, 228000-0822, 228000-0823, 228000-0830, 228000-0831

OD 9.16, Length 34.30, Width 10.00

Pkg. 5


138608 Spring

Replacing: 949170-4070

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

OD 7.20, Length 72.80


139048 Gasket

Replacing: 053404-7130

Servicing: 228000-1180, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690

ID 53.85, ID/mount. hole 7.40, OD 61.50, Thickness 2.40, Material Rubber

Pkg. 5


139420 Insulator

Servicing: 228000-0580, 228000-0640, 228000-0830, 228000-0831, 228000-0832, 228000-0900, 228000-0901, 228000-0902, 228000-1100

Total length 32.15

Pkg. 5


139424 Spring

OD 7.30, Length 72.00

Pkg. 5


230221 Plunger

Replacing: 053660-7241, 053660-7240

Servicing: 028000-7002, 028000-7003, 028000-7004, 128000-0140, 128000-6280, 228000-1070, 228000-1180, 228000-2120, 228000-2680

 OD 36.80, Length 96.70
 Contact: HC-CARGO 233069.

Alternative no.: F032230221

Pkg. 10


230898 Terminal Switch

Replacing: 053480-7790

Servicing: 228000-2860, 228000-2890, 228000-3060, 228000-3640, 228000-3641, 228000-3642, 228000-3680, 228000-4320, 228000-4980

Length 34.90

Pkg. 5


231427 Terminal Switch

Length 29.00, Shaft measurement M4

Pkg. 5

Pkg. 5


231552 Rubber Boot

Replacing: 053665-7071, 053665-7070, 053665-0111

Servicing: 028000-5334, 028000-5335, 028000-6380, 028000-6381, 028000-6382, 028000-6383, 028000-6384, 028000-6385, 028000-6391

ID 27.65, OD 35.35, Length 20.40



Pkg. 5

231626 Terminal Switch

Replacing: 053480-7950, 053480-7901, 053480-7900

Servicing: 228000-4930, 228000-5020, 228000-5021, 228000-5022, 228000-5023, 228000-5340, 228000-5341, 228000-5342, 228000-5650

Length 35.45, Shaft measurement M8



231733 Plunger Boot

Replacing: 053665-7090

Servicing: 128000-2680, 128000-2682, 128000-3250, 128000-3251, 128000-3260, 128000-3261, 128000-4030, 128000-4031, 128000-4180

ID 11.45, OD 33.00, Length 15.30



231764 Solenoid Cover

Replacing: 053505-7260, 053505-7140, 053505-7080, 053505-0620

Servicing: 028000-4540, 028000-5730, 028000-5900, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6300, 028000-6361



231805 Solenoid Cover

Replacing: 053505-0290

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5560, 028000-5561, 028000-5570, 028000-5571, 028000-5651, 028000-5652



Pkg. 10

233097 Terminal

Servicing: 128000-4910, 128000-7600, 128000-7601, 128000-7602, 128000-7603, 128000-7604

Total length 34.65, Thread length 14.35, Thread size M5



Pkg. 10

233374 Plunger

OD 39.60, Length 119.20



Pkg. 10

233375 Plunger

Replacing: 053660-7271, 053660-7270

Servicing: 228000-5860, 228000-5861, 228000-5862

OD 36.50, Length 125.60



233550 Cover

Replacing: 053505-7150

Servicing: 028000-5530, 028000-5531, 028000-5532, 028000-5581, 028000-5620, 028000-6870, 028000-6880, 028000-6890, 028000-6891

OD 86.80



Pkg. 5

331958 Moving Contact

Servicing: 428000-1760, 428000-3370, 428000-3372

Length 23.00, Shaft measurement 23.82, Thickness 1.50, Width 11.49



Pkg. 10

333023 Terminal Switch

Plug size 6.30, Plug length 8.50, Terminals 1, Plug type Flat, Colour Black, Male/female Male

Drives



130441 Drive

Replacing: 028300-3351, 028300-1690, 028300-0801, 028300-0800, 028300-0700, 028300-0630, 028300-0611

Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1013, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975

ID 12.50, OD 29.15, OD/housing 46.25, Total length 86.00, Splines A 10, No./teeth 9, Rotation CR



130442 Drive

Replacing: 028300-7590, 028300-3750, 028300-3710, 028300-3490, 028300-3350, 028300-2240, 028300-1951

Servicing: 028000-0370, 028000-0430, 028000-1370, 028000-1620, 028000-2260, 028000-2261, 028000-2262, 028000-2263, 028000-2360

ID 12.55, OD 29.15, OD/housing 46.30, Total length 82.00, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR


131090# Drive

Replacing: 028300-1831, 028300-1830
Servicing: 028000-5200, 028000-5201, 028000-5210, 028000-5400, 028000-5401, 028000-5410, 028000-7110, 028000-7111, 028000-7112
 ID 12.65, OD 26.69, OD/housing 47.32,
 Total length 85.86, Splines A 5,
 No./teeth 10, Rotation CR


131110 Drive

Replacing: 028300-5900, 028300-1542, 028300-1540, 028300-1020, 028300-0851
Servicing: 028000-1850, 028000-2150, 028000-2151, 028000-2240, 028000-2241, 028000-3500, 028000-3501, 028000-3800, 028000-3830
 ID 12.55, OD 29.10, OD/housing 46.25,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation CR


132004 Drive

Replacing: 028300-7120, 028300-6940, 028300-5990, 028300-5350, 028300-5340, 028300-4420, 028300-4300
Servicing: 028000-3641, 028000-3642, 028000-4020, 028000-4243, 028000-4250, 028000-4323, 028000-4340, 028000-4341, 028000-4343
 OD 29.00, Total length 102.40,
 Splines A 10, No./teeth 9, Rotation CR


132545 Drive

Replacing: 028300-5810, 028300-1740, 028300-1670, 028300-0831, 028300-0830
Servicing: 028000-2970, 028000-3730, 028000-4790, 028000-4840, 028000-5270, 028000-5350, 028000-5360, 028000-5361, 028000-5371
 ID 12.50, OD 29.00, OD/housing 46.00,
 Total length 86.00, Splines A 10,
 No./teeth 9, Rotation ACR


132547 Drive

Replacing: 028300-4320
Servicing: 028000-9470, 028000-9490, 028000-9500, 028000-9501, 128000-3610, 128000-3621, 128000-5650, 128000-9120
 ID 12.50, OD 24.50, OD/housing 46.00,
 Total length 82.00, Splines A 10,
 No./teeth 8, Rotation ACR


132634 Drive

Replacing: 028300-1660, 028300-1280, 028300-1230
Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3930, 028000-3970, 028000-3971, 028000-5040, 028000-5920
 ID 17.00, OD 40.00, OD/housing 60.00,
 Total length 101.85, Splines A 4,
 No./teeth 10, Rotation CR
 12 V. 4 kW.


132863 Drive

Replacing: 028300-1842, 028300-1841, 028300-1840
Servicing: 028000-5060, 028000-6440, 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7351, 028000-7790
 OD 32.00, Total length 102.50,
 Splines A 10, No./teeth 9, Rotation CR


132864 Drive

Replacing: 028300-6210, 028300-5710, 028300-5490, 028300-2200
Servicing: 028000-6261, 028000-6960, 028000-7740, 028000-8432, 028000-9031, 028000-9032, 128000-0180, 128000-0181, 128000-0940
 OD 29.20, Total length 102.30,
 Splines A 11, No./teeth 11, Rotation CR


132942 Drive

Replacing: 028300-5091, 028300-5090, 028300-4551, 028300-4550, 028300-3952, 028300-3950, 028300-2070
Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5520, 028000-5530, 028000-5531, 028000-5532
 OD 40.15, OD/housing 58.20,
 Total length 146.60, Splines A 10,
 No./teeth 11, Rotation CR
 Spring long (19.50x88.40 mm): HC-CARGO 134301.



133441 Drive

Replacing: 028300-4471, 028300-3880

Servicing: 028000-8040, 028000-8041, 028000-9430, 128000-0350, 128000-0351, 128000-0690, 128000-1290, 128000-1291, 128000-1683

ID 12.50, OD 28.00, OD/housing 46.00, Total length 82.00, Splines A 10, No./teeth 8, Rotation ACR



133631 Drive

Replacing: 028300-6670, 028300-5180, 028300-4410, 028300-3571, 028300-3570

Servicing: 028000-9361, 128000-0461, 128000-0462, 128000-1070, 128000-1311, 128000-1620, 128000-1621, 128000-2170, 128000-2421

ID 12.50, OD 28.00, OD/housing 46.00, Total length 82.00, Splines A 10, No./teeth 8, Rotation CR



133712 Drive

Replacing: 028300-5850, 028300-4390

Servicing: 028000-9900, 028000-9901, 028000-9902, 128000-0600, 128000-2860, 128000-2861, 128000-2862, 228000-3380, 228000-3381

ID 12.55, OD 28.00, OD/housing 47.00, Total length 59.55, Splines A 10, No./teeth 8, Rotation CR



133714 Drive

Manufacturer: Denso

Replacing: 028300-3970

Servicing: 028000-8411, 128000-2950, 128000-5290

ID 12.00, OD 29.90, OD/housing 47.00, Total length 33.60, No./teeth 14



133805 Drive

Replacing: 028300-5820, 028300-5040

Servicing: 128000-3090, 128000-3091, 128000-4180, 128000-4270, 128000-6660, 128000-6670, 128000-6671, 128000-6672, 128000-6673

ID 11.00, OD 28.00, OD/housing 41.00, Total length 53.55, Splines A 5, No./teeth 8, Rotation CR



134856 Drive

Replacing: 028300-5770, 028300-4330, 028300-3990, 028300-3770

Servicing: 028000-7600, 028000-8570, 028000-8580, 028000-8581, 028000-9510, 028000-9800, 128000-1220, 128000-1230, 128000-2210

OD 29.30, Total length 102.55, Splines A 10, No./teeth 9, Rotation ACR



135002 Drive

Replacing: 028300-6700, 028300-3810, 028300-3340

Servicing: 028000-6260, 028000-6261, 028000-6570, 028000-8430, 028000-8432, 028000-9030, 028000-9031, 028000-9032, 128000-0181

OD 34.00, Total length 102.55, Splines A 10, No./teeth 9, Rotation CR



135445 Drive

Replacing: 028300-3460

Servicing: 028000-7110, 128000-1360, 128000-2640, 128000-2660, 128000-3730, 128000-8660, 128000-8670

ID 12.60, OD 26.65, OD/housing 47.00, Total length 82.00, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR



135651 Drive

Replacing: 028300-5800

Servicing: 128000-4030, 128000-4031, 128000-4040, 128000-4050, 128000-4060, 128000-4070, 128000-4130, 128000-4160, 128000-4170

ID 11.00, OD 28.00, OD/housing 41.00, Total length 75.30, Splines A 5, No./teeth 8, Rotation ACR

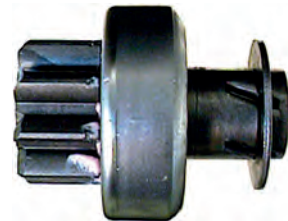


135889 Drive

Replacing: 028300-4200, 028300-4190

Servicing: 028000-9220, 028000-9221, 028000-9230, 028000-9890, 028000-9940, 128000-1270, 128000-1280, 128000-1530, 128000-1540

ID 11.00, OD 27.75, OD/housing 47.00, Total length 77.50, Splines A 10, No./teeth 8, Rotation ACR

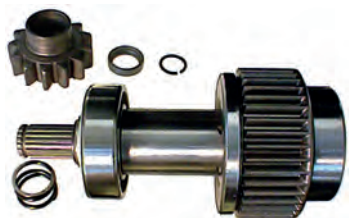


136086 Drive

Replacing: 028300-6960, 028300-6070

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6340, 128000-6341

ID 11.00, OD 29.00, OD/housing 43.30, Total length 53.65, Splines A 5, No./teeth 9, Rotation CR
Clutch O.D. 43.50 mm.


136313 Drive

Replacing: 28011-74011, 028099-8590, 028099-6590, 028099-6011

Servicing: 128000-3470, 128000-3471, 128000-3472, 128000-3480, 128000-3481, 128000-3482, 128000-5941, 128000-5942, 128000-5950

OD 40.60, Total length 121.30, Splines A 10, Splines B 18, No./teeth 13, Rotation ACR


136315 Drive

Replacing: 028300-1812, 028300-1811, 028300-1810

Servicing: 028000-5000, 028000-7730, 028000-7731, 028000-7732, 128000-6860, 128000-6861

OD 35.00, Total length 145.75, Splines A 10, No./teeth 9, Rotation CR


136447 Drive

Replacing: 028099-6580, 028090-6580

Servicing: 128000-7390, 128000-8400, 128000-9710, 128000-9720, 228000-0420, 228000-0820, 228000-0821, 228000-0822, 228000-0823

OD 40.65, Total length 110.00, Splines A 10, No./teeth 13, Rotation ACR


136744 Drive

Replacing: 028300-7900, 028300-7150

Servicing: 128000-8310, 128000-8311, 128000-8312, 228000-7130

OD 29.30, Total length 109.75, No./teeth 9, Rotation ACR

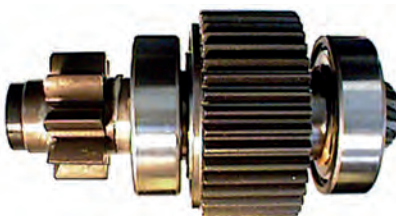

136794 Drive

Manufacturer: Denso

Replacing: 028300-5730

Servicing: 128000-3662, 128000-4530, 128000-4531, 128000-4532, 228000-6430

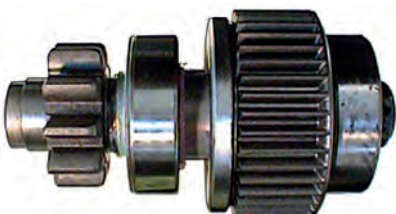
ID 11.00, OD 24.70, OD/housing 41.25, Total length 75.55, Splines A 5, No./teeth 8, Rotation ACR


136795 Drive

Replacing: 028300-8020, 028300-4091, 028300-4000

Servicing: 028000-8370, 028000-8371, 028000-8440, 128000-5760, 228000-0380, 228000-0381, 228000-0390, 228000-0391, 228000-0450

OD 35.35, Total length 102.60, Splines A 10, No./teeth 9, Rotation CR

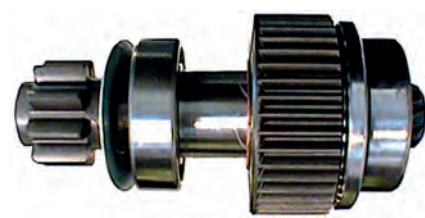

136796 Drive

Replacing: 028300-4082, 028300-4081, 028300-4011, 028300-1970

Servicing: 028000-8451, 028000-8611, 028000-8612, 028000-8980, 128000-0550, 128000-0551, 128000-0790, 128000-0930, 128000-5350

OD 37.80, OD/housing 53.80, Total length 102.00, Splines A 10, No./teeth 10, Rotation CR

Alternative no.: 610469

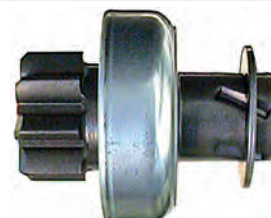

136797# Drive

Manufacturer: Denso

Replacing: 028300-5680

Servicing: 128000-3380, 128000-3381, 128000-3420

OD 29.25, Total length 112.25, Splines A 10, No./teeth 9, Rotation ACR

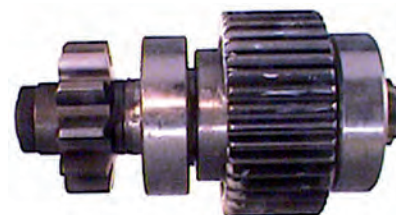

136899 Drive

Manufacturer: Denso

Replacing: 028300-6710

Servicing: 128000-6420, 128000-6421, 128000-6422, 228000-5710

ID 11.00, OD 27.50, OD/housing 44.00, Total length 53.35, Splines A 5, No./teeth 8, Rotation CR


137293 Drive

Replacing: 028099-2700

Servicing: 028000-7370, 028000-7372, 028000-7373, 028000-7660, 028000-7661, 028000-7662, 028000-8760, 028000-8761, 028000-8762

OD 40.00, Total length 102.00, Splines A 10, No./teeth 11, Rotation CR
Alternative no.: 137293Z


137293Z Drive

Replacing: 028099-2700

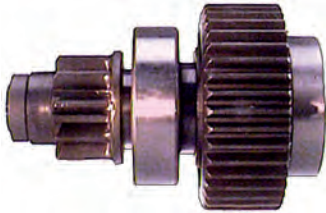
OD 39.70, OD/housing 53.60, Total length 102.00, Splines A 10, No./teeth 11, Drive type Steel, Rotation CR
Alternative no.: 137293



137647# Drive
 Manufacturer: Denso
 Replacing: 028300-6930
 Servicing: 128000-7190, 128000-7191
 OD 29.20, Total length 121.20,
 Splines A 10, No./teeth 9, Rotation ACR



137751 Drive
 Replacing: 028300-6680
 Servicing: 128000-6210, 128000-6211, 128000-6212, 128000-9220, 128000-9470, 228000-1550, 228000-5480, 228000-5481, 228000-6620
 ID 11.00, OD 28.00, OD/housing 43.45,
 Total length 53.50, Splines A 5,
 No./teeth 8, Rotation CR



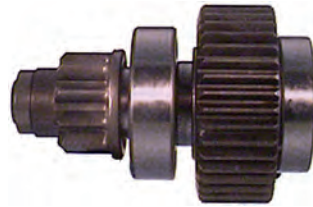
137753 Drive
 Replacing: 028300-8350, 028300-7990, 028300-7980, 028300-7170, 028300-6990
 Servicing: 128000-7002, 128000-7010, 128000-7122, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714
 OD 29.00, Total length 83.00,
 Splines A 10, No./teeth 9, Rotation CR
 Alternative no.: 137753Z



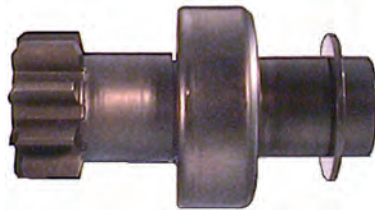
137753Z Drive
 Replacing: 028300-8350, 028300-7990, 028300-7980, 028300-7170, 028300-6990
 OD 29.10, OD/housing 53.50,
 Total length 83.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 137753



137950 Drive
 Replacing: 028300-6860
 Servicing: 128000-7140, 128000-7500, 128000-8030, 128000-9380, 228000-8430, 228000-8431, 228000-8432
 OD 29.35, Total length 83.15,
 Splines A 10, No./teeth 11, Rotation CR



137952 Drive
 Replacing: 028300-7720
 Servicing: 228000-0470, 228000-0471, 228000-0472, 228000-0473, 228000-7640, 228000-7641, 228000-9680, 428000-2220
 OD 28.00, Total length 83.20,
 Splines A 10, No./teeth 10, Rotation CR



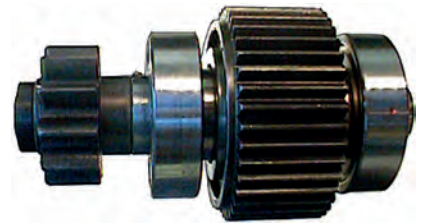
138137 Drive
 Replacing: 028300-3590, 028300-1390, 028300-1389, 028300-1388, 028300-1387, 028300-1386, 028300-1385
 Servicing: 028000-3611, 028000-7480, 028000-7481
 ID 12.40, OD 34.15, OD/housing 46.00,
 Total length 82.20, Splines A 10,
 No./teeth 9, Rotation CR



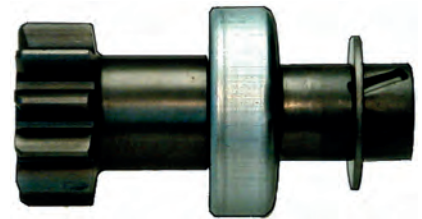
138566 Drive
 Replacing: 028300-7802, 028300-5671, 028300-5670, 028300-5651, 028300-5650, 028300-2040
 Servicing: 028000-5880, 128000-2740, 128000-3120, 128000-4220, 128000-4910, 228000-2290, 228000-2670, 228000-3310, 228000-3320
 OD 39.50, OD/housing 59.00,
 Total length 146.00, Splines A 10,
 No./teeth 13, Drive type Steel, Rotation CR



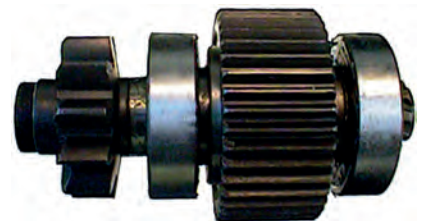
138567 Drive
 Replacing: 128099-5160, 053400-4731
 Servicing: 028000-6460, 028000-6462, 028000-6463, 128000-8620, 128000-8621, 228000-1600, 228000-1601, 228000-1610, 228000-1611
 OD 45.00, Total length 146.00,
 Splines A 10, No./teeth 12, Rotation CR



138568 Drive
 Replacing: 028300-5760
 Servicing: 128000-1180, 128000-1181
 OD 34.25, Total length 101.80,
 Splines A 10, No./teeth 11, Rotation ACR



138956 Drive
 Manufacturer: Denso
 Replacing: 028300-6880
 Servicing: 128000-7110
 ID 11.00, OD 35.50, OD/housing 41.45,
 Total length 75.50, Splines A 5,
 No./teeth 11, Rotation ACR



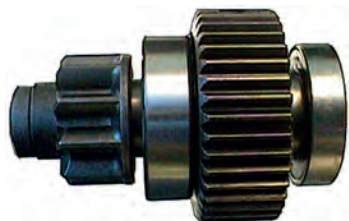
139037 Drive
 Replacing: 028099-6230, 028099-2601, 028099-2600
 Servicing: 028000-6250, 028000-7830, 128000-0071, 128000-0140, 128000-0141, 128000-1161, 128000-1470, 128000-2160, 128000-2161
 OD 41.50, Total length 102.45,
 Splines A 10, No./teeth 11, Rotation CR


139083 Drive

Replacing: 028300-7711, 028300-7710, 028300-6000

Servicing: 128000-4860, 128000-4861, 128000-4863, 228000-4550

ID 12.00, OD 29.00, OD/housing 46.30, Total length 33.50, Splines A 6, No./teeth 9, Rotation ACR


139244 Drive

Replacing: 028300-7760, 028300-7270

Servicing: 128000-7810, 228000-1560, 228000-3390, 228000-7420

OD 33.00, Total length 83.40, Splines A 10, No./teeth 10, Rotation CR


139653 Drive

Replacing: 028300-8150, 028300-7790, 028300-7700

Servicing: 128000-9860, 128000-9870, 128000-9871, 128000-9872, 128000-9880, 128000-9890, 228000-1900, 228000-2120, 228000-2121

OD 37.50, Total length 83.20, Splines A 10, No./teeth 10, Rotation CR


139845 Drive

Replacing: 028300-7920

Servicing: 228000-1020, 228000-1021, 228000-1022, 228000-1030, 228000-1080

OD 33.95, Total length 83.00, Splines A 10, No./teeth 9, Rotation CR


230053 5★ Drive

Manufacturer: Denso

Replacing: 028300-6790

Servicing: 128000-6230, 128000-6240, 128000-6750

ID 12.40, OD 29.15, OD/housing 47.50, Total length 82.35, Splines A 5, No./teeth 9, Rotation CR


230856 5★ Drive

Manufacturer: Denso

Replacing: 028300-7940

Servicing: 228000-0990, 228000-0991, 228000-1060, 228000-1530, 228000-1531, 228000-7520, 228000-7800, 228000-7801

OD 29.40, Total length 83.20, No./teeth 9, Rotation CR


233398 Drive

Replacing: 028300-7530, 028300-6840

Servicing: 128000-5330, 128000-5331, 128000-5970, 128000-7020, 128000-7170, 128000-7172, 128000-7174, 128000-7230, 128000-7250

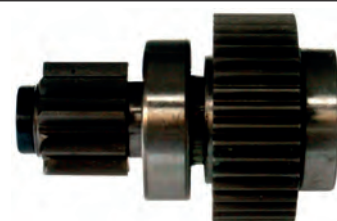
ID 17.00, OD 40.00, OD/housing 60.00, Total length 104.40, Splines A 18, No./teeth 10, Rotation CR


233451 Drive

Replacing: 028300-6692, 028300-6691, 028300-6690, 028300-5450, 028300-3691, 028300-3690

Servicing: 028000-6780, 128000-2560, 128000-5370, 128000-5730, 128000-5731, 128000-5732, 128000-8290, 228000-0630, 228000-1350

OD 40.00, OD/housing 57.90, Total length 147.00, Splines A 10, Splines B 35, No./teeth 10, Drive type Steel, Rotation CR


233456 Drive

Replacing: 028300-8100, 028300-7860, 028300-7680, 028300-7610

Servicing: 128000-9700, 128000-9701, 228000-0810, 228000-2050, 228000-2051, 228000-2260, 228000-2261, 228000-3990, 228000-3991

OD 29.00, OD/housing 42.00, Total length 82.90, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR


233641 Drive

Replacing: 128300-0090, 028300-8011

Servicing: 228000-1770, 228000-1771, 228000-1772, 228000-4930, 228000-5220, 228000-5340, 228000-5341, 228000-5342, 228000-5650

OD 39.85, Total length 146.50, Splines A 10, No./teeth 11, Rotation CR


233642 Drive

Servicing: 228000-1180, 228000-3981,
 228000-4960, 228000-4961

OD 34.40, Total length 83.25,
 Splines A 10, No./teeth 11, Rotation ACR


234230 Drive

Replacing: 028300-5720

Servicing: 128000-3540, 128000-5500,
 128000-7050, 128000-9360, 228000-2210,
 228000-9180

ID 11.10, OD 29.00, OD/housing 41.00,
 Total length 53.65, Splines A 5,
 No./teeth 9, Rotation ACR


234269 Drive

Replacing: 028300-5929, 028300-5200

Servicing: 128000-1670, 128000-1671

ID 12.00, OD 29.00, OD/housing 47.00,
 Total length 33.40, Splines A 6,
 No./teeth 9, Rotation CR


234402 Drive

Replacing: 028300-5400

Servicing: 128000-2610, 128000-2611,
 128000-3530, 128000-3531, 128000-4561,
 128000-9980, 228000-4620

ID 11.00, OD 29.15, OD/housing 41.00,
 Total length 53.50, Splines A 5,
 No./teeth 9, Rotation CR


234720 Drive

Replacing: 028300-7661, 028300-7660

Servicing: 128000-9970, 128000-9971

OD 38.10, Total length 146.90,
 Splines A 10, No./teeth 11, Rotation CR


234813 5★ Drive

Manufacturer: Denso

Replacing: 028300-8970

Servicing: 228000-7210, 228000-8970

ID 11.00, OD 29.00, Total length 64.55,
 Splines A 5, No./teeth 10, Rotation ACR


234911 Drive

Replacing: 128099-5350

Servicing: 228000-5860, 228000-5861,
 228000-5862

OD 40.75, Total length 109.00,
 No./teeth 10, Rotation CR


234970 Drive

Replacing: 028300-6010

Servicing: 128000-1870, 128000-4870,
 128000-7480, 228000-0120, 228000-2640,
 228000-7990, 228000-9261, 280000-2640,
 280000-7190

ID 13.00, OD 28.85, OD/housing 40.75,
 Total length 75.00, Splines A 5,
 No./teeth 9, Rotation ACR


234984 5★ Drive

Manufacturer: Iskra/Mahle

Replacing: 081020-0011

ID 14.00, OD 39.44, OD/housing 62.12,
 Total length 82.88, Splines A 10,
 No./teeth 10, Rotation CR


235101 Drive

Servicing: 228000-7220

OD 35.45, Total length 83.00,
 Splines A 10, No./teeth 9, Rotation CR


235497 Drive

Replacing: 028300-8160

Servicing: 228000-2550

ID 13.48, OD/housing 53.62,
 Total length 82.93, Splines A 18,
 Splines B 40


237379 Drive

Servicing: 428000-0670, 428000-0680,
 428000-1750, 428000-1760, 428000-3361,
 428000-3370, 428000-3371, 428000-3372,
 428000-4500

ID 11.00, OD 28.80, OD/housing 46.00,
 Total length 43.25, Splines A 10,
 No./teeth 9, Rotation CR


237880 Drive

Servicing: 428000-1620
 ID 12.10, OD 32.50, Total length 50.50,
 Splines A 10, No./teeth 12, Rotation CR


237990 Drive

Servicing: 428000-0720
 ID 12.00, OD 35.50, OD/housing 47.00,
 Total length 50.50, Splines A 10,
 No./teeth 9, Rotation CR


330651 Drive

Servicing: 428000-3180, 428000-4920
 ID 12.00, OD 38.85, OD/housing 49.60,
 Total length 50.60, Splines A 10,
 No./teeth 11, Drive type Steel,
 Rotation CR


330938 Drive

Servicing: 428000-1280
 OD 34.10, OD/housing 53.84,
 Total length 82.92, Splines A 10,
 No./teeth 9, Rotation CR


332369 Drive

Servicing: 428000-4600, 428000-5510,
 428000-5511, DSN967
 ID 11.00, OD 31.96, OD/housing 44.84,
 Total length 42.99, Splines A 10,
 No./teeth 12, Drive type Steel,
 Rotation CR

NEW PRODUCT
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333753* Drive

Replacing: 028300-6692, 028300-6690,
 028300-5450, 028300-3691, 028300-3690


333836 Drive

Replacing: 028300-9541
 Servicing: 428000-0340, 428000-0341
 ID 11.00, OD 32.00, OD/housing 44.50,
 Total length 43.20, Splines A 10, No./
 teeth 10, Drive type Steel, Rotation CR

Drive Parts
Caps

Pkg. 25


134204 Dp Cap

Servicing: 428000-4051, 428000-5410
 ID 42.65, OD 44.60


134206 Dp Cap

Servicing: 428000-6760
 ID 43.80, OD 45.55

Pkg. 25

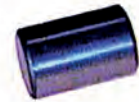

233382 Dp Cap

ID 40.25, OD 41.20

Pkg. 10

Rollers

Pkg. 10


132896 Roller

Replacing: 028306-0061
 Servicing: 028000-3641, 028000-3642,
 028000-4323, 028000-4340, 028000-4341,
 028000-4343, 028000-4450, 028000-4512,
 028000-4540
 OD 6.00, Length 9.50
 Plastic cage: HC-CARGO 132895.

Pkg. 10


132885 Roller

Replacing: 028306-0070
 Servicing: 028000-4800, 028000-5300,
 028000-5510, 028000-5530, 028000-5541,
 028000-5570, 028000-5581, 028000-5620,
 028000-5651
 OD 7.65, Length 12.90
 Plastic cage: HC-CARGO 135474.

Pkg. 500




134213 Roller
 Servicing: 228000-9252, 428000-4051, 428000-5410
 OD 5.00, Length 8.00

Pkg. 500



134248 Dp Rollers
 OD 7.65, Length 12.95

Pkg. 500



134249 Dp Rollers
 OD 7.80, Length 12.95


Pkg. 100



134922 Dp Rollers
 OD 7.00, Length 11.65


Pkg. 10

Springs




132550 Spring
 Replacing: 949170-4040
 Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
 OD 19.45, Length 90.60
 2.5 kW.

Pkg. 1000




134268 Dp Springs
 OD 7.15, Length 13.15

Pkg. 500




134269 Dp Springs
 OD 5.65, Length 21.25

Pkg. 10




134301 Spring
 Servicing: 028300-2011, 028300-4550
 OD 19.50, Length 88.40

Pkg. 5




135344 Spring
 Replacing: 949170-4260
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4540, 028000-4940, 028000-5060, 028000-5730
 OD 16.10, Length 60.75

Pkg. 100




135362 Dp Springs
 Length 14.15

Pkg. 5




137858 Spring
 Replacing: 949170-3371, 128953-0050
 Servicing: 028000-6280, 128000-1151, 128000-2070, 128000-3111, 128000-3410, 128000-3471, 128000-3472, 128000-3481, 128000-3482
 OD 16.15, Length 11.00

Pkg. 5



137859 Pinion Spring
 Replacing: 949170-4030
 Servicing: 128000-8620, 128000-8621, 228000-1600, 228000-1601, 228000-1610, 228000-1611, 428000-0290, 428000-3110
 OD 16.60, Length 16.45

Pkg. 5



138609# Spring
 Replacing: 028326-5030
 Servicing: 128000-7002, 128000-7122, 128000-7390, 128000-7713, 128000-7714, 128000-8210, 128000-8310, 128000-8311, 128000-8312
 OD 16.10, Length 60.50

Pkg. 10

Pinion



132043 Pinion
 Replacing: 028099-5580, 028099-3090, 028099-3080
 Servicing: 028000-3641, 028000-3642, 028000-4020, 028000-4243, 028000-4250, 028000-4323, 028000-4340, 028000-4341, 028000-4343
 ID 11.15, OD 29.15, Height 25.20,
 No./splines 18, No./teeth 9

Pkg. 5


132044 Pinion

Replacing: 028099-3400

Servicing: 028000-5060, 028000-6440, 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7351, 028000-7790, 028000-7791

ID 11.75, OD 32.20, Height 23.35, No./splines 18, No./teeth 9

Pkg. 5


132405 Pinion

Replacing: 028099-5460, 028099-3310

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5520, 028000-5530, 028000-5531, 028000-5532

ID 16.90, OD 40.00, Height 36.00, No./splines 16, No./teeth 11


132566 Pinion

Replacing: 028371-2240, 028099-3930

Servicing: 028000-7370, 028000-7372, 028000-7373, 028000-7660, 028000-7661, 028000-7662, 028000-8760, 028000-8761, 028000-8762

ID 17.00, OD 40.00, Height 23.55, No./splines 18, No./teeth 11


132865 Pinion

Replacing: 028099-3290, 028099-3230

Servicing: 028000-5880, 028000-7800, 028000-7801, 028000-7802, 128000-0210, 128000-0540, 128000-2270, 128000-2480, 128000-3120

ID 16.90, OD 39.60, Height 36.00, No./splines 16, No./teeth 13


132866 Pinion

Replacing: 028371-5390, 028099-6300, 028099-6260

Servicing: 128000-4950, 128000-5430, 128000-9380, 428000-0090

ID 11.80, OD 28.90, Height 25.00, No./splines 18, No./teeth 11


132950 Pinion

Replacing: 028099-5560

Servicing: 028000-5730, 028000-5800, 128000-0111, 128000-0710, 128000-0720, 128000-2070, 128000-7300, 228000-0110, 228000-0111

ID 11.65, OD 44.00, Height 23.60, No./splines 18, No./teeth 15


133353 Pinion

Replacing: 128099-5360, 028099-3270

Servicing: 028000-6780, 128000-1060, 128000-1780, 128000-2250, 128000-2560, 128000-3030, 128000-4090, 128000-4970, 128000-5370

ID 15.55, OD 39.80, Height 36.15, No./splines 16, No./teeth 10


133354 Pinion

Replacing: 028099-6200

Servicing: 028000-8400

ID 18.25, OD 34.00, Height 40.00, No./splines 16, No./teeth 11


133355 Pinion

Replacing: 028099-3210

Servicing: 028000-5000, 028000-7730, 028000-7731, 028000-7732, 128000-3361, 128000-6860, 128000-6861

ID 14.40, OD 34.90, Height 36.00, No./splines 16, No./teeth 9


133356 Pinion

Replacing: 028371-6190, 028371-1980, 028099-6550, 028099-5590

Servicing: 028000-6250, 028000-7420, 028000-7830, 128000-0071, 128000-0140, 128000-1161, 128000-1470, 128000-2160, 128000-2161

ID 17.00, OD 41.70, Height 23.50, No./splines 18, No./teeth 11


135003 Pinion

Replacing: 028300-5741, 028300-5740, 028099-3380

Servicing: 028000-6260, 028000-6261, 028000-6570, 028000-7740, 028000-8432, 028000-9031, 028000-9032, 128000-0181, 128000-0940

ID 11.20, OD 34.00, Height 23.50, No./splines 18, No./teeth 9


135310 Pinion

Replacing: 028099-3940, 028099-3110

Servicing: ACR, 028000-8570, 028000-8580, 028000-8581, 028000-9510, 028000-9800, 128000-1220, 128000-1230, 128000-2210

ID 11.85, OD 29.20, Height 23.65, No./splines 18, No./teeth 9



135570 Pinion

Replacing: 028371-6960, 028371-6780, 028371-6490, 028371-5653

Servicing: ACR, 128000-3470, 128000-3471, 128000-3472, 128000-3480, 128000-3481, 128000-3482, 128000-5940, 128000-5941

ID 11.85, OD 41.00, Height 23.50, No./splines 18, No./teeth 13

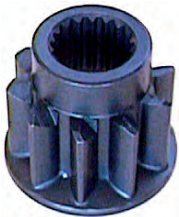


135830 Pinion

Replacing: 028099-3900

Servicing: 028000-8370, 028000-8371, 128000-5760, 228000-0381, 228000-0391, 228000-0450, 228000-1920, 228000-1930, 228000-3000

ID 17.10, OD 35.35, Height 23.60, No./splines 18, No./teeth 9



138123 Pinion

Servicing: 228000-0360, 228000-0470, 228000-0471, 228000-0472, 228000-0473, 228000-4970, 228000-4971, 228000-4972

ID 11.20, OD 27.45, Height 24.80, No./splines 18, No./teeth 10



138124 Pinion

Replacing: 028099-7560

Servicing: CR/ACR, 128000-2830, 128000-4750, 128000-6930, 128000-6940, 128000-7460, 228000-2050, 228000-2051, 228000-2260

ID 13.20, OD 29.50, Height 23.50, No./splines 18, No./teeth 9



138575 Pinion

Replacing: 128099-5400, 028371-6640

Servicing: 128000-8620, 128000-8621, 228000-1600, 228000-1601, 228000-1610, 228000-1611, 228000-2030, 228000-2031, 228000-5980

ID 16.90, OD 44.90, Height 36.00, No./splines 16, No./teeth 12



138577 Pinion

Servicing: 128000-1180, 128000-1181

ID 11.65, OD 34.40, Height 23.40, No./splines 18, No./teeth 11



139147 Pinion

Replacing: 028371-7060, 028371-5730, 028099-3910

Servicing: 028000-8451, 028000-8980, 128000-0930, 128000-5350, 128000-9550, 128000-9560, 128000-9860, 128000-9870, 128000-9871

ID 11.60, OD 37.65, Height 23.55, No./splines 18, No./teeth 10



139606 Pinion

Replacing: 028371-5030

Servicing: 128000-1151, 228000-1800

ID 11.70, OD 33.35, Height 23.55, No./splines 18, No./teeth 11



139654 Pinion

Replacing: 028371-7590, 028371-6980, 028099-7590, 028099-6310

Servicing: 128000-7810, 228000-1560, 228000-3260, 228000-3390, 228000-7420

ID 12.00, OD 33.00, Height 25.20, No./splines 18, No./teeth 10

Pkg. 5



233452 Pinion

Servicing: 228000-5720, 228000-5721, 228000-5722, 228000-5723

ID 16.90, OD 40.30, Height 36.00, No./splines 16, No./teeth 10



234708 Pinion

Replacing: 128099-5250

Servicing: 128000-9960, 128000-9961, 128000-9970, 128000-9971, 228000-0190, 228000-0191

ID 16.90, OD 38.50, Height 36.00, No./splines 16, No./teeth 11



235345# Pinion

Replacing: 028099-5741, 028099-5740

Servicing: 028000-6240, 128000-0170, 128000-6640, 228000-1020, 228000-1030, 228000-1080

ID 13.20, OD 34.20, Height 23.50, No./splines 18, No./teeth 9

Drive Shafts

134807 Gear Shaft

Replacing: 028381-0040

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4540, 028000-4940, 028000-5060, 028000-5730

Total length 102.50, No./splines 18


137864 Gear Shaft

Replacing: 028381-5150, 028381-5140

Servicing: 128000-7002, 128000-7122, 128000-7140, 128000-7390, 128000-7500, 128000-7713, 128000-7714, 128000-8030, 128000-8210

Total length 83.20, No./splines 18


138576 Gear Shaft

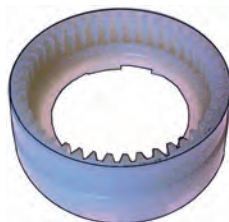
Replacing: 028381-0071

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

Total length 146.80, No./splines 10

Planet Gears
Gear Parts
Outer Gear

Pkg. 5


136085 Outer Gear

Replacing: 028635-5010

Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420

ID 40.20, OD 63.00, Height 23.40


237533 Outer Gear

Replacing: 028635-5050

Servicing: 428000-0150, 428000-0340, 428000-0550, 428000-2800, 428000-3090

ID 18.00, OD 68.00

Gear Wheels

136887 Gear Wheel

Replacing: 028371-6510, 028371-2360

Servicing: 028000-5730, 028000-6260, 028000-7700, 028000-8980, 028000-9270, 028000-9320, 028000-9321, 028000-9380, 028000-9510

ID 8.85, OD 18.70, Height 13.85, No./splines 19, No./teeth 12


137979 Gear Wheel

Replacing: 028630-5010

Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420

ID 6.00, OD 21.55, Height 7.40, No./teeth 15


138569 Gear Wheel

Replacing: 028371-1500

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

ID 30.00, OD 49.50, Height 17.40, No./teeth 31


138570 Gear Wheel

Replacing: 028371-3251, 028371-1420, 028371-1220

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4512, 028000-4540, 028000-4940, 028000-4990

ID 21.95, OD 34.90, Height 13.80, No./teeth 26

Pkg. 10



139455# Gear Wheel

Replacing: 028371-1410, 028371-1210
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4940, 028000-4990, 028000-5060, 028000-5190
 ID 9.30, OD 20.85, Height 13.80,
 No./splines 19, No./teeth 14



231803 Gear Wheel

Replacing: 028371-7190, 028371-6620, 028371-6380
 Servicing: 128000-7002, 128000-7010, 128000-7122, 128000-7140, 128000-7390, 128000-7500, 128000-7560, 128000-7561, 128000-7562
 ID 22.00, OD 35.55, Height 11.85,
 No./teeth 26



233546 Gear Wheel

Replacing: 028371-5010
 Servicing: 128000-0830, 128000-0831, 128000-0832, 128000-0833, 128000-5350, 128000-5760, 128000-9560, 228000-0200, 228000-0390
 ID 21.90, OD 37.35, Height 13.85,
 No./teeth 27



235140 Gear Wheel

Replacing: 028371-3200
 Servicing: 128000-2450, 128000-2470, 128000-2560, 128000-2740, 128000-3361, 128000-4250, 128000-4682, 128000-4683, 128000-4684
 ID 13.19, OD 24.67, Height 17.91,
 No./splines 18, No./teeth 13



235211 Gear Wheel

Replacing: 028371-3210
 Servicing: 128000-2450, 128000-2470, 128000-2560, 128000-2740, 128000-3361, 128000-4250, 128000-4682, 128000-4683, 128000-4684
 ID 30.22, OD 50.60, Height 17.30,
 No./teeth 31



237012 Gear Wheel

Replacing: 028371-7070
 Servicing: 028000-6550, 028000-7600, 028000-8570, 028000-8580, 028000-8581, 128000-1220, 128000-1230, 128000-2210, 128000-2830
 OD 21.60, Height 14.00, No./splines 21,
 No./teeth 14

Various

Pkg. 5



132895 Roller Housing

Replacing: 028063-0040, 028063-0011
 Servicing: 028000-6962, 028000-7351, 028000-8430, 028000-9030, 028000-9711, 128000-0140, 128000-2130, 128000-2210, 128000-5750
 ID 11.48, OD 21.00, Height 11.12
 Roller: HC-CARGO 132896.



135474 Roller Housing

Replacing: 028063-0030
 Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
 OD 28.70
 Roller: HC-CARGO 132885.



137365 Washer

ID 11.55, OD 15.00, Thickness 3.08,
 Material Steel



138148 Washer

Replacing: 028327-0171, 028327-0170
 Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
 ID 15.25, OD 39.80, Thickness 0.55,
 Material Steel



139829# Gear Housing

Replacing: 028410-5040, 028410-5010
 Servicing: 128000-3530, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341
 ID 15.00, OD 68.00

Pkg. 10


230058 Washer

Replacing: 949013-8090

Servicing: 028000-5910, 028000-5911, 028000-8440, 028000-5210, 028000-5211, 028000-5680, 028000-5681, 028000-5682, 028000-6212

ID 7.75, OD 17.80, Thickness 0.60, Material Steel

Pkg. 5


230059 Washer

Replacing: 949013-8100

Servicing: 028000-5210, 028000-5211, 028000-5680, 028000-5681, 028000-5682, 028000-6212, 028000-6340, 028000-6341, 028000-6420

ID 15.15, OD 26.00, Thickness 0.40, Material Steel

Pkg. 5


233690 Washer

Replacing: 949013-8110

Servicing: 028000-5210, 028000-5211, 028000-5680, 028000-5681, 028000-5682, 028000-6212, 028000-6340, 028000-6341, 028000-6420

ID 15.20, OD 25.90, Thickness 1.80, Material Metal

Pkg. 10


234977 Roller Housing

Servicing: 028000-4663, 028000-4980, 028000-4981, 028000-4982

ID 10.90, OD 20.65, Height 13.00

Levers

133812 Lever

Replacing: 028740-5010

Servicing: 028000-2520, 028000-2631, 028000-2800, 028000-2820, 028000-3090, 028000-3091, 028000-3250, 028000-3251, 028000-3260

Dist. 20.45, Length 75.00


139051 Lever

Replacing: 028740-5060

Servicing: 028000-2611, 028000-2621, 028000-2800, 028000-2980, 028000-4020, 028000-4040, 028000-4050, 028000-4060, 028000-4070

Dist. 20.30, Length 75.30


139052 Lever

Replacing: 028740-0490

Servicing: 028000-4630, 028000-4631, 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6380

Dist. 24.75, Length 82.20


139271# Lever

Replacing: 028740-0281, 028740-0280

Servicing: 028000-0197, 028000-0370, 028000-0430, 028000-1010, 028000-1011, 028000-1370, 028000-1850, 028000-1970, 028000-1971

Dist. 24.00, ID 6.00, Length 87.40


139492 Lever

Replacing: 028740-5150

Servicing: 028000-2680, 028000-2682, 028000-5680, 028000-5681, 028000-5682, 028000-6210, 028000-6211, 028000-6212, 028000-6420

Dist. 20.35, Length 72.90


139883# Lever

Replacing: 028740-0540

Servicing: 028000-7651, 028000-8010, 028000-8160, 028000-8690, 028000-8700, 028000-8770, 028000-9090, 028000-9091, 028000-9100

Dist. 24.70, ID 4.55, Length 83.80


139884 Lever

Replacing: 028740-5140

Servicing: 028000-4230, 028000-5210, 028000-5211, 028000-6340, 028000-6341, 028000-6720, 028000-6721, 028000-7620, 028000-8870

Dist. 20.40, Length 72.50


235253 Lever Kit

Servicing: 028000-9540

Dist. 18.71, ID 7.02, Length 74.39



235313 Lever

Replacing: 23322-6T000
Length 109.16

Clutches



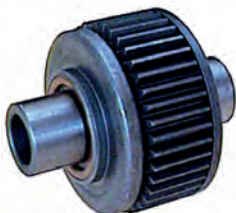
134806 Clutch

Replacing: 028300-7000, 028300-6850, 028300-5300, 028300-2222, 028300-2220, 028300-2081, 028099-5730
Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4540, 028000-4940, 028000-5060, 028000-5730
Total length 64.00, Splines A 10



134806Z Clutch

Replacing: 028300-7000, 028300-6850, 028300-5300, 028300-3930, 028300-2222, 028300-2220, 028300-2081
OD 53.50, Total length 64.00



138155# Clutch

Replacing: 028099-3150
Servicing: 028000-7600, 028000-9800, 128000-1220, 128000-1230, 128000-1790, 128000-2210, 128000-2830, 128000-4610, 128000-7200
Total length 64.00, Rotation ACR



138681 Clutch

Replacing: 028300-5381, 028300-5380, 028300-1971
Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
OD 47.00, Total length 92.00, No./teeth 35, Drive type Steel, Rotation CR



138804# Clutch

Replacing: 028300-5701
Servicing: 128000-3471, 128000-3472, 128000-3481, 128000-3482, 128000-5941, 128000-5942, 128000-5951, 128000-5952, 128000-7190
Total length 92.00, Rotation ACR



139840 Clutch

Replacing: 028301-0020
Servicing: 128000-7390, 128000-8310, 128000-8311, 128000-8312, 128000-8400, 128000-9710, 128000-9720, 228000-0420, 228000-0820
Total length 80.50, Rotation ACR



230254 Clutch

Replacing: 028301-0030
Servicing: 128000-8320, 128000-8321, 128000-8322, 128000-8323, 128000-8480, 228000-0230, 228000-0231, 228000-7140, 228000-7141
Total length 52.00, Rotation ACR



230857 Clutch

Replacing: 028301-0500, 028301-0220, 028301-0190, 028301-0080
Servicing: 128000-6210, 128000-6211, 128000-7002, 128000-7122, 128000-7560, 128000-8210, 128000-8220, 128000-8260, 128000-8784
Total length 52.00



233180 Clutch

Replacing: 028300-6751, 028300-6750, 028300-4170
Servicing: 028000-5651, 028000-5652, 028000-5880, 028000-6010, 028000-6012, 028000-6013, 028000-6020, 028000-6021, 028000-6022
OD 16.50, Total length 92.00, No./splines 5, Rotation CR



234719 Clutch

Servicing: 128000-8110, 128000-8111, 128000-8380
Total length 56.50



237552 5★ Clutch

Manufacturer: Denso
Replacing: 028300-9571
Servicing: 228000-9901, 228000-9902, 428000-0150, 428000-0151, 428000-0152, 428000-0700, 428000-0701, 428000-3090, 428000-3092
OD 44.75, Total length 94.75, No./splines 18, Rotation ACR

Brush Gears

132559 Brush Gear

Replacing: 028510-0560

Servicing: 028000-3730, 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6380, 028000-6381

12 V, OD 59.75


132871 Brush Gear

Replacing: 028510-0441

Servicing: 028000-3641, 028000-3642, 028000-4000, 028000-4020, 028000-4200, 028000-4243, 028000-4250, 028000-4323, 028000-4340

12 V, OD 71.45

Neg. brushes. Brush set: HC-CARGO 140362.


132872 Brush Gear

Replacing: 028510-5510, 028510-5320, 028510-0750

Servicing: 028000-5730, 028000-5800, 028000-7700, 028000-8980, 028000-9270, 028000-9320, 028000-9321, 028000-9380, 028000-9860

12 V, OD 58.90


132873 Brush Gear

Replacing: 028510-5500, 028510-0840, 028510-0640

Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373, 028000-7660

12 V, OD 74.70

Neg. brushes. Brush set: HC-CARGO 140364.

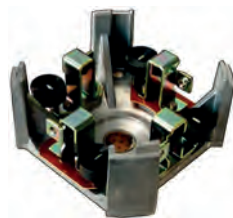

132874 Brush Gear

Replacing: 028510-5390, 028510-0500

Servicing: 028000-4800, 028000-5000, 028000-5300, 028000-5301, 028000-5490, 028000-5510, 028000-5511, 028000-5530, 028000-5531

12/24 V, OD 77.60

Neg. brushes. Brush set: HC-CARGO 140361.


133337 Brush Gear

Replacing: 028500-0551, 028500-0550

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3930, 028000-3970, 028000-4870, 028000-4930, 028000-5040

12 V, OD 121.00

Brush set: HC-CARGO 140393.


133660 ★ Brush Gear

Manufacturer: Denso

Replacing: 028510-0580

Servicing: 028000-7600, 028000-8580, 028000-8581, 128000-1220, 128000-3380, 128000-3381, 128000-3470, 128000-3471, 128000-3472

12 V, OD 63.30

Neg. brushes. Brush set: HC-CARGO 140362.


133661 ★ Brush Gear

Manufacturer: Denso

Replacing: 028510-5310, 028510-0661, 028510-0660, 028510-0480, 028510-0460

Servicing: 028000-4540, 028000-4550, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6030

12 V, OD 63.25

Neg. brushes. Brush set: HC-CARGO 140362.


133709 ★ Brush Gear

Manufacturer: Denso

Replacing: 028512-5040

Servicing: 128000-2240, 128000-2241, 128000-2750, 128000-3390, 128000-3400, 128000-3780, 128000-9400

12 V, OD 51.20

Brush: HC-CARGO 140570. Brush spring: HC-CARGO 133710.


133715 Brush Gear

Replacing: 028510-5270, 028510-0632

Servicing: 028000-8411, 028000-9133, 028000-9872, 028000-9880, 028000-9882, 028000-9883, 128000-0080, 128000-1190, 128000-1431

12 V, OD 62.85

Neg. brushes. Brush set: HC-CARGO 140566.


133808 Brush Gear

Replacing: 028514-5020

Servicing: 128000-2520, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3090, 128000-3091

12 V, OD 68.80

Brush set: HC-CARGO 140602. Brush springs: HC-CARGO 133810.


136103 ★ Brush Gear

Manufacturer: Denso

Replacing: 028510-5190

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211

12 V, OD 58.00

Neg. brushes. Brush set: HC-CARGO 140740.

Alternative no.: 335007



136314 Brush Gear
 Replacing: 028510-0830
 Servicing: ACR, 028000-9510, 028000-9800, 128000-1230, 128000-1260, 128000-2210, 128000-2830, 128000-3480, 128000-3481
 12 V, OD 66.20
 ACR. Neg. brushes. Brush set: HC-CARGO 140396.



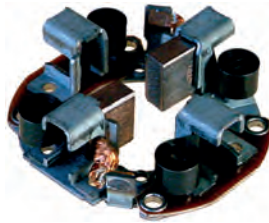
137021 Brush Gear
 Manufacturer: Denso
 Replacing: 028510-5010
 Servicing: 128000-0830, 128000-0831, 128000-0832, 128000-0833, 128000-3250, 128000-3260, 128000-5350, 128000-5760, 128000-9560
 12 V, OD 81.50
 Neg. brushes. Brush set: HC-CARGO 140364.



137955 Brush Gear
 Manufacturer: Denso
 Replacing: 028510-5450, 028510-5360
 Servicing: 128000-7010, 128000-7122, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714, 128000-8220
 12 V, OD 64.00
 Neg. brushes. Brush set: HC-CARGO 140740.



138385[#] Brush Gear
 Manufacturer: Denso
 Replacing: 028510-0230
 Servicing: 028000-2150, 028000-2151, 028000-4651, 028000-4790, 028000-4840, 028000-5070, 028000-5071, 028000-5350, 028000-5720
 12 V, OD 78.80
 Neg. brushes. Brush set: HC-CARGO 140357.



138419 Brush Gear
 Replacing: 028510-5660, 028510-5350
 Servicing: 028000-8620, 128000-7002, 128000-7500, 128000-8030, 128000-8210, 128000-8350, 128000-8360, 128000-9300, 128000-9310
 12 V, OD 59.00
 Neg. brushes. Brush set: HC-CARGO 140362.



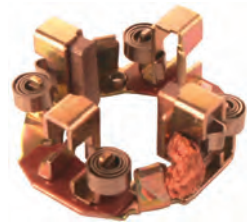
138672 Brush Gear
 Replacing: 028510-0880
 Servicing: 128000-0490, 128000-2450, 128000-2470, 128000-2560, 128000-2740, 128000-3361, 128000-4250, 128000-4682, 128000-4683
 24 V, OD 95.75
 Brush set: HC-CARGO 140963.



139150 Brush Gear
 Replacing: 028510-6020, 028510-5800
 Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2700
 12 V, OD 61.00
 Neg. brushes. Brush set: HC-CARGO 140961.



139488 Brush Gear
 Servicing: 128000-1180, 128000-1181
 12 V, OD 74.75
 Neg. brushes. Brush set: HC-CARGO 140364.



233813 Brush Gear
 Servicing: 228000-4960, 228000-4961, 228000-7710
 12 V, OD 65.00
 Neg. brushes. Brush set: HC-CARGO 140961.



235049 Brush Gear
 Manufacturer: Denso
 Replacing: 028510-0651
 Servicing: 028000-7040, 028000-7042, 028000-7051, 028000-7052, 028000-8422, 028000-9620, 028000-9622, 028000-9623, 128000-0800
 12 V, OD 62.75
 Brush positiv: HC-CARGO 141240.



237885 Brush Gear
 Servicing: 428000-0660, 428000-0720, 428000-1620, 428000-1940, 428000-1941
 12 V, OD 64.00



330439 Brush Gear
 Servicing: 428000-1630, 428000-3180, 428000-4920, 428000-6200
 12 V, OD 63.07



331960 Brush Gear
 Servicing: 428000-1760
 12 V, OD 64.42

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332359 Brush Gear
 Servicing: 428000-4600, 428000-5510, 428000-5511, 428000-6360, 428000-6760, DSN967
 12 V, OD 65.08



332665 Brush Gear
 Manufacturer: Denso
 Replacing: 128099-6312, 028510-7620
 Servicing: 228000-9901, 228000-9902, 428000-0150, 428000-0151, 428000-0152, 428000-3090, 428000-3092
 12 V, OD 57.50



333422 Brush gear
 OD 68.00



335007 Brush Gear
 Replacing: 028510-5190
 Servicing: 128000-2680, 128000-2682, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211, 128000-6212, 128000-6421
 OD 58.00

Alternative no.: 136103

Brush Gear Parts

Brush Springs

Pkg. 10



132551 Brush Spring

Replacing: 949173-0571
 Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
 Length 26.50

Pkg. 10



132552 Brush Spring

Replacing: 949173-0610
 Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373, 028000-7660
 Length 22.50

Pkg. 10



132887 Brush Spring

Replacing: 949173-0461
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4512, 028000-4540
 Length 23.20



133710 Brush Spring

Replacing: 949170-9100
 Servicing: 128000-2240, 128000-2241, 128000-2750, 128000-3390, 128000-3400, 128000-3780, 128000-9400
 Length 19.00

Pkg. 10



133810 Brush Spring

Replacing: 028520-5010
 Servicing: 128000-2520, 128000-2610, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3090
 OD 6.20, Length 22.00

Pkg. 4



136104 Brush Spring

Replacing: 028520-5030
 Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211
 OD 11.70, Length 20.45

Pkg. 4



137700 Brush Spring

Replacing: 949173-0600
 Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973
 OD 11.40, Length 20.90



233868 Brush Spring Set

Replacing: 128953-0080

Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2700

OD 11.50, Length 22.70

Pkg. 10



239475 Brush Spring

Servicing: 228000-1180, 228000-3981, 228000-4960, 228000-4961, 228000-7710, 228000-7800, 228000-7801, 428000-6200

OD 11.70, Length 20.00

Brush Sets

Pkg. 5



140356 Brush Set

Replacing: 028531-0110

Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975, 028000-1976

12 V, Length 16.00, Lead length 36.50, Height 12.00, Thickness 7.00

Pkg. 5

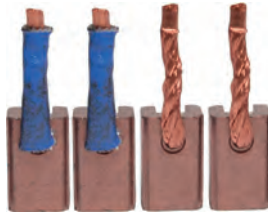


140358 Brush Set

Replacing: 028530-0390, 028530-0341

Servicing: 028000-2880, 028000-3530, 028000-3570, 028000-4850, 028000-5160

12 V, Length 22.00, Lead length 50.00, Height 20.00, Thickness 8.00

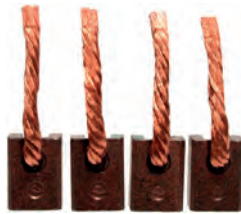


140359 Brush Set

Replacing: 028531-0350, 028531-0300, 028531-0230

Servicing: 028000-0370, 028000-0430, 028000-1370, 028000-1850, 028000-2000, 028000-2001, 028000-2150, 028000-2151, 028000-2240

12 V, Length 19.00, Lead length 26.00, Height 12.00, Thickness 7.00



140360 Brush Set

Replacing: 028531-0380

Servicing: 028000-2260, 028000-2261, 028000-2262, 028000-2263, 028000-2360, 028000-2361, 028000-2362, 028000-2363, 028000-2364

12 V, Length 16.00, Lead length 38.50, Height 12.00, Thickness 7.00



140361 Brush Set

Replacing: 028531-5651, 028531-5650, 028531-0632, 028099-3570, 028099-3560

Servicing: 028000-4800, 028000-5000, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5520, 028000-5530, 028000-5531

12 V, Length 21.00, Lead length 40.80, Height 25.00, Thickness 8.00

Brush set w/ plate: HC-CARGO 141223.



140362 Brush Set

Replacing: 028531-0946, 028531-0450, 028099-2770, 028099-2670, 028099-2628, 028099-2620, 028099-0770

Servicing: 028000-3641, 028000-3642, 028000-4000, 028000-4020, 028000-4200, 028000-4243, 028000-4250, 028000-4323, 028000-4340

12 V, Length 14.00, Lead length 34.00, Height 16.00, Thickness 7.00



140363 Brush Set

Replacing: 028531-3510, 028531-0680, 028099-3510

Servicing: 028000-3730, 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6380, 028000-6381

12 V, Length 16.00, Lead length 27.00, Height 10.00, Thickness 6.50

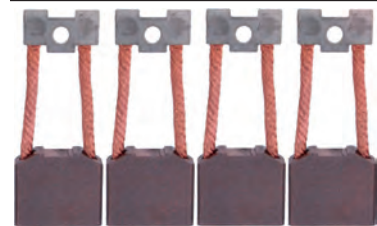


140364 Brush Set

Replacing: 028531-5630, 028531-0840, 028099-7171, 028099-7170

Servicing: 028000-5620, 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373

12 V, Length 15.00, Lead length 44.50, Height 25.00, Thickness 8.00



140393 Brush Set

Replacing: 385300-480, 028530-0487, 028530-0481, 028530-0480

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3930, 028000-3970, 028000-4870, 028000-4930, 028000-5040

12 V, Length 26.00, Lead length 47.00, Height 30.00, Thickness 9.00



140396 Brush Set

Replacing: 028531-0730, 028531-0720, 028099-3430

Servicing: 028000-4540, 028000-4550, 028000-5800, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001

12 V, Length 13.50, Lead length 23.00, Height 16.00, Thickness 7.00



Pkg. 10

140566 Brush

Replacing: 028530-1031, 028530-1030, 028530-1021, 028530-1020, 028530-0980, 028530-0933, 028530-0932

Servicing: 028000-8411, 028000-9133, 028000-9872, 028000-9880, 028000-9882, 028000-9883, 128000-1431, 128000-2760, 128000-2950

12 V, Length 12.00, Lead length 29.80, Height 9.00, Thickness 6.00


140740 Brush Set

Replacing: 028099-6180

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211

12 V, Length 14.00, Lead length 25.00, Height 13.00, Thickness 6.50


140963 Brush Set

Replacing: 028530-1100, 028530-1090

Servicing: 128000-0490, 128000-2450, 128000-2470, 128000-2560, 128000-2740, 128000-3361, 128000-4250, 128000-4682, 128000-4683

12/24 V, Length 21.00, Lead length 33.00, Height 30.00, Thickness 10.00



Pkg. 5

140570 Brush

Replacing: 028530-5061, 028530-5060

Servicing: 128000-2240, 128000-2241, 128000-2750, 128000-3390, 128000-3400, 128000-3780, 128000-9400

12 V, Length 7.50, Lead length 23.00, Height 9.00, Thickness 5.00


140885 Brush Set

Servicing: 128000-7010, 128000-7120, 128000-7121, 128000-7122, 128000-7130, 128000-7390, 128000-7710, 128000-7711, 128000-7712

12 V, Length 15.50, Lead length 29.00, Lead length 2 22.50, Height 13.00, Thickness 7.00


140976 Brush Set

Replacing: 28142-54070, 028099-3550

Servicing: 028000-7370, 028000-7660, 028000-9030, 128000-0020, 128000-0040, 128000-6400, 228000-0400, 228000-0640, 228000-0691

12 V, Length 15.00, Lead length 41.50, Lead length 2 30.00, Height 25.00, Thickness 8.00


140602 Brush Set

Replacing: 028531-6660, 028531-5050, 028099-5450

Servicing: 128000-2520, 128000-2610, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3090

12 V, Length 10.00, Lead length 30.50, Height 8.00, Thickness 6.50



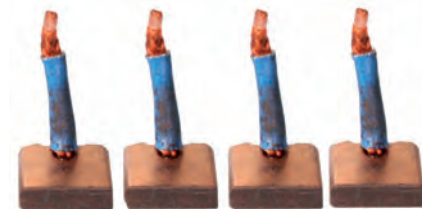
Pkg. 10

140932 Brush Set

Replacing: 028099-3950

Servicing: 028000-5730, 028000-8980, 028000-9380, 028000-9510, 028000-9800, 128000-0050, 128000-0111, 128000-0170, 128000-0171

12 V, Length 14.00, Lead length 36.50, Height 16.00, Thickness 7.00


141223 Brush Set

Servicing: 028000-5581, 028000-6870, 028000-6880, 028000-6890, 028000-6891, 028000-6892, 028000-6910, 028000-8070, 028000-8071

 12 V, Length 21.00, Lead length 40.50, Height 25.00, Thickness 8.00
w/o plate: HC-CARGO 140361.

140647 Brush Set

Replacing: 028099-3980

Servicing: 028000-8460, 028000-9181, 028000-9182, 028000-9202, 028000-9203, 028000-9210, 028000-9220, 028000-9221, 028000-9230

12 V, Length 18.00, Lead length 31.50, Height 13.00, Thickness 7.50


140961 Brush Set

Replacing: 128099-6740

Servicing: 228000-1180, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690

12 V, Length 15.50, Lead length 33.00, Height 25.00, Thickness 7.00


141240 Brush

Replacing: 028530-5031, 028530-5030, 028530-0991, 028530-0990

Servicing: 028000-8422, 028000-9620, 028000-9622, 028000-9623, 128000-1550, 128000-1551, 128000-5191, 128000-5491, 128000-7490

 12 V, Length 12.00, Lead length 30.00, Height 8.90, Thickness 5.90
Positive.



141258 Brush Set

Servicing: 428000-0670, 428000-0680, 428000-0700, 428000-0701, 428000-1640, 428000-1750
12 V, Length 15.30, Height 14.10, Thickness 4.50



141267 Brush Set

Servicing: 228000-9900, 228000-9901, 228000-9902, 428000-0150, 428000-0151, 428000-0152, 428000-1080, 428000-3090, 428000-3092
12 V, Length 9.50, Lead length 31.00, Lead length 2 21.00, Height 8.50, Thickness 4.50/7.00



142031 Brush

Servicing: 428000-1650, 428000-3361
12 V, Length 15.30, Lead length 26.00, Lead length 2 30.50, Height 14.00, Thickness 4.50



142040 Brush Set

Servicing: 428000-0660, 428000-0720, 428000-1620, 428000-1940, 428000-1941
12 V, Length 15.50, Lead length 25.00, Lead length 2 33.00, Height 20.00, Thickness 7.00



142066 Brush Set

Servicing: 428000-1630, 428000-3180, 428000-4920, 428000-6200
12 V, Length 15.70, Lead length 35.00, Height 19.86, Thickness 6.93



332130 Brush Set

Servicing: 428000-3370, 428000-3371, 428000-3372
12 V, Length 13.65, Lead length 24.35, Height 13.90, Thickness 4.43



332362 Brush Set

Servicing: 428000-4600, 428000-5510, 428000-5511, 428000-6360, 428000-6760, DSN967
12 V, Length 12.12, Lead length 27.45, Height 18.83, Thickness 5.33



332847 Brush Set

Servicing: 428000-4500, 428000-4550
12 V, Length 14.70, Lead length 25.00, Lead length 2 34.00, Height 13.85, Thickness 5.35



JSX72-734 Brush Set

Replacing: 028531-7340, 028531-7331
12 V, Length 16.00, Lead length 32.50, Lead length 2 25.00, Height 20.00, Thickness 7.00



JSX74-75-76-774 Brush Set

Replacing: 028531-6420, 028531-6410, 028531-6400, 028531-6390
12 V, Length 14.30/15.30, Lead length 32.88, Height 14.00, Thickness 4.50

Bushings

Pkg. 10



140325 Bushing

Replacing: 949103-2020, 949103-1320, 949103-0540

Servicing: 028000-0970, 028000-1975, 028000-1976, 028000-2001, 028000-2151, 028000-2241, 028000-2260, 028000-2261, 028000-2262
ID 12.54, OD 16.55, Length 14.00

Pkg. 10



140326 Bushing

Replacing: 028403-0082, 028403-0081

Servicing: 028000-0197, 028000-0370, 028000-0430, 028000-1010, 028000-1011, 028000-1370, 028000-1850, 028000-1970, 028000-1971
ID 12.54, OD 14.72, Length 14.00
Alternative no.: B140326

Pkg. 10


140329 Bushing

Replacing: 028403-0060

Servicing: 028000-2580, 028000-2585

ID 14.00, OD 16.20, Length 21.20

Pkg. 10


140330 Bushing

Replacing: 028403-0139, 028403-0131, 028403-0130

Servicing: 028000-2450, 028000-2580, 028000-2585, 028000-2880, 028000-3300, 028000-3530, 028000-3570, 028000-3810, 028000-3811

ID 14.20, OD 16.30, Length 19.80

Pkg. 10


140333 Bushing

Replacing: 949103-3160

Servicing: 028000-3730, 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6380, 028000-6381

ID 12.53, OD 15.50, Length 10.50

Alternative no.: B140333

Pkg. 10


140424 Bushing

Replacing: 949103-3600

Servicing: 028000-8460, 028000-9181, 028000-9182, 028000-9202, 028000-9203, 028000-9210, 028000-9220, 028000-9221, 028000-9230

ID 10.10, OD 15.50, Length 10.40

Pkg. 10


140425 Bushing

Replacing: 949103-3610

Servicing: 028000-8460, 028000-9181, 028000-9182, 028000-9202, 028000-9203, 028000-9210, 028000-9220, 028000-9221, 028000-9230

ID 11.00, OD 14.70, Length 12.80

Pkg. 10


140426 Bushing

Replacing: 949103-3840

Servicing: 128000-2520, 128000-2610, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3090

ID 11.05, OD 14.72, Length 8.00

Alternative no.: B140426

Pkg. 10


140427 Bushing

Replacing: 949103-3850

Servicing: 128000-2520, 128000-2610, 128000-2611, 128000-2621, 128000-2631, 128000-2680, 128000-2682, 128000-2820, 128000-2980

ID 11.05, OD 14.72, Length 11.00

Pkg. 10


140554 Bushing

ID 22.71, OD 28.50, Length 5.90

Alternative no.: B140554

Pkg. 10


140579 Bushing

ID 12.60, OD 15.50, Length 12.80

Pkg. 10


140582 Bushing

ID 12.70, OD 14.40, Length 12.80

Pkg. 10


140583 Bushing

ID 12.53, OD 14.02, Length 10.50

Alternative no.: B140583

Pkg. 10


140697 Bushing

ID 23.90, OD 29.30, Length 5.95

Alternative no.: B140697

Pkg. 10


140774 Bushing

Servicing: 028403-0070

ID 23.93, OD 29.30, Length 6.03

Alternative no.: B140774

Pkg. 5



140777 Bushing

Replacing: 949102-0070
 Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3970, 028000-5250, 028000-5960, 028000-5961
 ID 17.00, OD 19.00, Length 19.70

Pkg. 5



140778 Bushing

Replacing: 949103-2420
 Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3970, 028000-5960, 028000-5961, 128000-3280
 ID 30.10, OD 35.00, Length 22.95

Pkg. 10



140787 Bushing

Servicing: 228000-6120, 228000-6121, 228000-6122, 228000-8360, 428000-0700, 428000-0701, 428000-4051, 428000-5410
 ID 6.10, OD 10.00, Length 7.45

Pkg. 10



140788 Bushing

Replacing: 949104-0990
 Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211
 ID 7.09, OD/collar 13.00, OD 9.51, Length 11.20, Height/collar 2.00

Pkg. 10



140792 Bushing

Replacing: 949103-4330
 Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420
 ID 15.00, OD 18.50, Length 11.20

Pkg. 10



140847 Bushing

ID 23.02, OD 28.60, Length 4.05
 Alternative no.: B140847

Pkg. 10



140937 Bushing

ID 10.97, OD 13.62, Length 19.90
 Alternative no.: B140937

Pkg. 10



140965 Bushing

Replacing: 949103-4320
 Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420
 ID 7.12, OD 9.60, Length 8.10

Pkg. 10



141011 Bushing

Replacing: 949103-4340
 Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6340, 128000-6341, 128000-6420, 128000-6422
 ID 11.15, OD 14.70, Length 9.80

Pkg. 10



141073# Bushing

ID 23.25, OD 28.55, Length 5.00

Pkg. 10



141080# Bushing

ID 23.05, OD 28.64, Length 3.80

Pkg. 10



141105 Bushing

Servicing: Iveco
 ID 7.07, OD 9.60, Length 10.00

Pkg. 10



141136 Bushing

Servicing: 028000-2240, 028000-2930, 028000-3500, 028000-3800, 028000-4040, 028000-4600, 028000-4630, 028000-4650
 ID 12.55, OD 14.00, Length 19.00

Pkg. 10


141153 Bushing

Replacing: 028403-0200

 Servicing: 028000-2380, 028000-5090,
028000-7170, 428000-4051, 428000-5410

ID 11.03, OD 13.23, Length 12.70

Pkg. 10


141154 Bushing

Servicing: 128000-1050, 128000-1770

ID 22.85, OD 28.65, Length 5.80

Pkg. 10


141155 Bushing

ID 23.05, OD 28.50, Length 3.95

Pkg. 10


141205 Bushing

 Servicing: 228000-3981, 228000-4960,
228000-4961

ID 23.05, OD 28.64, Length 3.76

Pkg. 10


141235 Bushing

Replacing: 028403-0073, 028403-0070

 Servicing: 028000-3290, 028000-3930,
028000-3970, 028000-4130, 028000-4131,
028000-4150, 028000-5250, 028000-5960,
028000-5961

ID 16.52, OD 19.10, Length 20.00

Pkg. 10


141237 Bushing

Replacing: 949103-0390

 Servicing: 028000-1370, 028000-1850,
028000-1975, 028000-1976, 028000-2000,
028000-2150, 028000-2240, 028000-2241,
028000-2260

ID 12.40, OD 16.55, Length 10.40


141238 Bushing

Replacing: 949103-1660

 Servicing: 028000-0370, 028000-2260,
028000-2261, 028000-2262, 028000-2263,
028000-2360, 028000-2361, 028000-2362,
028000-2363

ID 23.04, OD 26.07, Length 8.45

Pkg. 10


141249 Bushing

 Servicing: 128000-0350, 128000-0351,
128000-1890, 428000-0670, 428000-0680,
428000-0700, 428000-0701, 428000-1640,
428000-1650

 ID 7.02, OD/collar 13.00, OD 9.50,
Length 9.25, Height/collar 2.00

Pkg. 10


142011 Bushing

 Servicing: 428000-0150, 428000-0151,
428000-0152, 428000-0670, 428000-0680,
428000-0700, 428000-0701, 428000-0720,
428000-1760

ID 18.00, OD 21.00, Length 8.90

Pkg. 10


142015 Bushing

 Servicing: 428000-0150, 428000-0151,
428000-0152, 428000-3090

ID 5.02, OD 7.97, Length 7.15

Pkg. 10


142083 Bushing

 Servicing: 428000-6200, 428000-6360,
428000-6760

ID 18.06, OD 20.98, Length 8.97

Pkg. 10


331981 Bushing

ID 7.10, OD 9.50, Length 8.20

Pkg. 10


332325 Bushing

 Servicing: 228000-9252, 428000-4051,
428000-5410, 428000-6360, 428000-6760

ID 11.00, OD 13.10, Length 10.20

Pkg. 100


B140033 Bushing

Replacing: 949103-3160

ID 14.30, OD 16.00, Length 11.50

Alternative no.: 140033

Pkg. 100



B140326 Bushing

Replacing: 028403-0082, 028403-0081
ID 12.55, OD 14.72, Length 14.00
Alternative no.: 140326

Pkg. 100



B140554 Bushing

Replacing: 140554
ID 22.71, OD 28.50, Length 5.90
Alternative no.: 140554

Pkg. 100



B140583 Bushing

Replacing: 140583
ID 12.53, OD 14.02, Length 10.50
Alternative no.: 140583

Pkg. 100



B140774# Bushing

Replacing: 140774
ID 23.93, OD 29.30, Length 6.03
Alternative no.: 140774

Bearings

Ball Bearings

Pkg. 10



140222 FAG 608-2RS-C3 Ball Bearing

Replacing: 949100-6080, 949100-6070, 949100-5820, 949100-5230, 949100-4120, 949100-2500, 949100-1360

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4512, 028000-4540

ID 8.00, OD 22.00, Height 7.00
Alternative no.: 142279, 333106

Pkg. 10



140271 FAG 6000-C-2HRS-C3 Ball Bearing

Replacing: 949100-2760
Servicing: 028000-5730, 028000-5800, 028000-6260, 028000-7700, 028000-8620, 028000-8980, 028000-9270, 028000-9320, 028000-9321

ID 10.00, OD 26.00, Height 8.00
Alternative no.: 142277, 333099

Pkg. 10

High Performance



140960 638-2RS-P Ball Bearing

Replacing: 949100-4840
Servicing: 100211-8000, 100211-8110, 100211-8240, 100211-8560, 228000-1180, 228000-2120, 228000-2121, 228000-2122, 228000-2123

ID 8.00, OD 28.00, Height 9.00

Needle Bearings

Pkg. 10



140767 Needle Bearing

Replacing: 949105-0200, 949105-0160, 949105-0100

Servicing: 128000-0660, 128000-2800, 128000-3090, 128000-3091, 128000-4130, 128000-4170, 128000-4430, 128000-4450, 128000-4520

ID 11.00, OD 15.50, Height 14.30
Closed end.

Pkg. 5



140768 Needle Bearing

Replacing: 949105-0110

Servicing: 028000-6490, 028000-6491, 028000-6492, 028000-6493, 028000-6494, 028000-6495, 028000-7091, 028000-7092, 028000-7093

ID 12.48, OD 17.02, Height 17.00

Pkg. 10



142065 Needle Bearing

Servicing: 428000-1630, 428000-3180, 428000-4920, 428000-6200

ID 12.00, OD 16.00, Height 14.00
Closed end.

Repair Kits



132635 Repair Kit

Replacing: 028099-6790

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3930, 028000-3970, 028000-4930, 028000-5040, 028000-5960

12 V.

Sundry Parts
C.E. Covers

Pkg. 10


136713 C.E. Bracket

Replacing: 028506-0170

Servicing: 028000-4050, 028000-4650, 028000-4651, 028000-4680, 028000-4681, 028000-4710, 028000-5334, 028000-5335, 028000-6380

ID 22.00, OD 24.35, Height 19.90

Gasket: HC-CARGO 231213.

Oil Seals

Pkg. 5


135851 Oil Seal

Replacing: 949150-1050

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3810, 028000-3811, 028000-3930, 028000-3970, 028000-3971

ID 30.00, OD 42.10, Height 8.00

Pkg. 10


138914 Oil Seal

Servicing: 028000-5880

ID 16.70, OD 21.55, Height 3.00

Pkg. 10


235420 Oil Seal

Servicing: 228000-9540

ID 46.43, OD 58.17, Height 3.00

Pkg. 10


237550 Oil seal

Servicing: 228000-9901, 228000-9902, 428000-0150, 428000-0151, 428000-0152, 428000-0700, 428000-0701, 428000-3090, 428000-3092

ID 19.95, OD 33.55, Height 3.50

O-rings

Pkg. 10


132891 O-ring

Replacing: 908012-0470

Servicing: 028000-5651, 028000-5652, 028000-6010, 028000-6013, 028000-6021, 028000-6022, 028000-7451, 028000-7452, 028000-8561

ID 48.00, Thickness 2.50

Pkg. 10


132892 O-ring

Replacing: 949140-3700

Servicing: 028000-5730, 028000-5800, 028000-6260, 028000-7700, 028000-8370, 028000-8371, 028000-8620, 028000-8980, 028000-9320

ID 69.00, Thickness 2.00

Pkg. 10


132893 O-ring

Replacing: 908012-0420

Servicing: 028000-5190, 028000-5780, 028000-5991, 028000-5992, 028000-7410, 128000-5040, 128000-5750, 128000-8220, 228000-2550

ID 43.00, Thickness 2.50

Pkg. 10

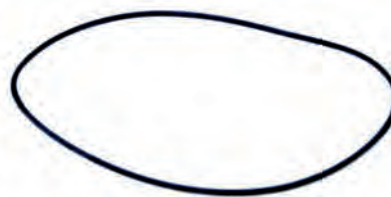

132900 O-ring

Replacing: 949062-1010

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4512, 028000-4940

ID 71.00, Thickness 2.00

Pkg. 5


133717 O-ring

Replacing: 949140-5670, 949140-3440

Servicing: 028000-7040, 028000-7042, 028000-7051, 028000-7052, 028000-8411, 028000-8422, 028000-9133, 028000-9620, 028000-9622

ID 63.50, Thickness 1.60

Pkg. 10


134484 O-ring

Replacing: 908041-0050

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

ID 5.00, Thickness 2.00

Pkg. 10


134486 O-ring

Servicing: 028000-5730, 028000-5910, 028000-5911, 028000-6000, 028000-6001, 028000-7370, 028000-7372, 028000-7373, 028000-7600

ID 8.00, Thickness 2.00

Pkg. 10



134487 O-ring

Servicing: 028000-5581, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290, 028000-6291, 028000-6292

ID 10.00, Thickness 2.00

Pkg. 10



134633 O-ring

Replacing: 90801-10060
Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-5390, 028000-6190, 028000-6240, 028000-6250, 028000-6260, 028000-6261

ID 6.00, Thickness 2.00

Pkg. 10

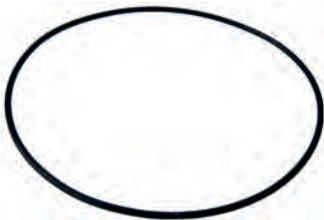


135498 O-ring

Servicing: 128000-5560, 128000-5561, 228000-3330, 228000-3331, 228000-3332, 228000-5920, 228000-5922

ID 8.00, Thickness 2.50

Pkg. 10



138433 O-ring

Replacing: 949140-3680
Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373, 028000-7660

ID 70.00, Thickness 1.50

Pkg. 10



139421 O-ring

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-5900, 028000-7002, 028000-7003, 028000-7004, 028000-7560, 028000-8321

ID 7.60, Thickness 1.80, Material Rubber

Pkg. 10

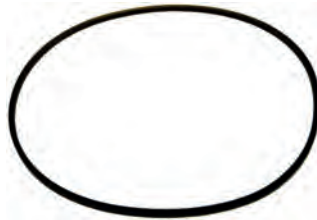


139422 O-ring

Servicing: 028000-6250, 228000-1710, 228000-2630, 228000-3780, 228000-3800, 228000-3801, 228000-3802, 228000-4210, 228000-6612

ID 9.60, Thickness 1.80

Pkg. 5



230147 O-ring

Replacing: 949140-4620
Servicing: 128000-0830, 128000-0831, 128000-0832, 128000-0833, 128000-5350, 128000-5760, 128000-9560, 228000-0200, 228000-0390

ID 80.00, Thickness 1.50

Pkg. 5



232434 O-ring

Servicing: 28MT, 028000-5530, 028000-5620, 028000-6290, 028000-6291, 028000-6292, 028000-7240, 028000-7241, 028000-7242

ID 5.00, Thickness 1.80

Pkg. 10



233084 O-ring

Replacing: 028901-0361
Servicing: 128000-2450, 128000-2470, 128000-2740, 128000-3361, 128000-4250, 128000-4682, 128000-4683, 128000-4684, 128000-4685

ID 95.00, Thickness 2.50

Thru Bolts

Pkg. 10



191530 Through Bolt

Replacing: 191530
Servicing: 228000-0570, 228000-0571, 228000-0572, 228000-0573, 228000-0574, 228000-0575, 228000-1590, 228000-1661, 228000-9050

Total length 79.00,
Length/rear collar 74.60,
Thread length 24.60, Thread size M6

Pkg. 10



191531 Through Bolt

Replacing: 949006-5080
Servicing: 02131-9261, 02131-9262, 028000-4800, 028000-5660, 028000-5661, 028000-5860, 028000-5861, 028000-5862, 028000-5863

Total length 89.40,
Length/rear collar 85.10,
Thread length 25.30, Thread size M6

Pkg. 10


230721 Through Bolt

Replacing: 949006-4930, 949006-3840
 Servicing: 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541, 028000-5542

Total length 74.10,
 Length/rear collar 68.75,
 Thread length 24.75, Thread size M6

Pkg. 2


231374# Through Bolt

Replacing: 949042-3170, 949042-2920, 949042-2360
 Servicing: 028000-4050, 028000-4650, 028000-4651, 028000-4680, 028000-4681, 028000-4710, 028000-5334, 028000-5335, 028000-6380

Total length 138.80,
 Length/rear collar 133.20,
 Thread length 16.50, Thread size M6

Pkg. 10


231627 Through Bolt

Replacing: 949042-3741, 949042-2270
 Servicing: 028000-3850, 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532

Total length 186.10,
 Length/rear collar 180.20,
 Thread length 23.35, Thread size M6

Pkg. 10


231628# Through Bolt

Replacing: 949042-3520, 949042-3260
 Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6340, 128000-6341

Total length 119.80,
 Length/rear collar 115.00,
 Thread length 20.10, Thread size M5

Pkg. 10


231630# Through Bolt

Replacing: 949042-2570
 Servicing: 028000-5730, 028000-7700, 028000-8980, 028000-9270, 028000-9320, 028000-9321, 028000-9380, 028000-9510, 028000-9800

Total length 154.00,
 Length/rear collar 150.45,
 Thread length 25.75, Thread size M5

Pkg. 10


234145 Through Bolt

Replacing: 949042-2860
 Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373, 028000-7740

Total length 86.40,
 Length/rear collar 80.65,
 Thread length 17.25, Thread size M6

Various

Pkg. 5


131837 Terminal Cap

Replacing: 949340-0660, 028062-6180
 Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-4550, 028000-5120, 028000-5730, 028000-5780, 028000-5800, 028000-6000

Height 15.25

Pkg. 5


131838 Terminal Cap

Replacing: 949340-0820, 949340-0531
 Servicing: 028000-3641, 028000-3642, 028000-4512, 028000-5821, 028000-5822, 028000-5900, 028000-5910, 028000-5911, 028000-5912

Height 15.10

Pkg. 5


132063 Insulator

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-4512, 028000-5821, 028000-5822, 028000-6140, 028000-6250, 028000-6260

ID 49.15, OD 65.15, Height 23.00

Pkg. 100


132886 Spring

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5531, 028000-5532, 028000-5541, 028000-5542

OD 7.00, Length 12.00

Also used in plastic case on 2.50 kW.



Pkg. 10

132888 Rubber Drain

Replacing: 028062-5770, 028062-0480, 028062-0360, 028062-0200

Servicing: 028000-2360, 028000-2361, 028000-2362, 028000-2363, 028000-2364, 028000-3300, 028000-3360, 028000-3361, 028000-3500

ID 7.35, OD 9.25, Length 27.60



Pkg. 10

132889 Rubber Boot

Replacing: 480841-0010

Servicing: 028000-5530, 028000-5581, 028000-5620, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290

ID 30.00



Pkg. 10

132894 Steel Ball

Replacing: 949120-0240, 128961-0010

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4512, 028000-4540, 028000-4550, 028000-4800

OD 8.70, Material Steel



133708# Insulator

Replacing: 028523-5050

Servicing: 128000-2240, 128000-2241, 128000-2750, 128000-3390, 128000-3400, 128000-3780, 128000-9400



133716 Stop Collar Kit

Replacing: 028021-0291

Servicing: 028000-8411, 028000-8422, 028000-9133, 028000-9620, 028000-9622, 028000-9623, 028000-9872, 028000-9880, 028000-9882

Pkg. 5



133878 Connection

Replacing: 133877

Servicing: 128000-0461, 128000-2550, 128000-2551, 128000-2660, 128000-2670, 128000-3740, 128000-3741, 128000-8650, 128000-8660

Mount. hole 10.50, Total length 70.25

Pkg. 5

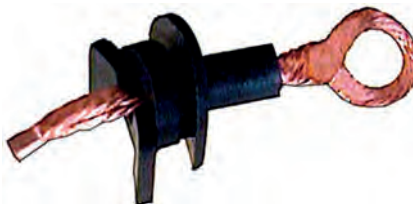


133879 Connection

Servicing: 128000-4060, 128000-4450, 128000-8690, 228000-8490, 228000-9252, 228000-9580, 428000-0950, 428000-3460, 428000-3470

Mount. hole 9.15, Total length 62.15

Pkg. 5



133880 Connection

Servicing: 028000-7460, 028000-7461, 028000-7462, 028000-7470, 028000-7471, 028000-9090, 028000-9091, 028000-9470, 028000-9900

Mount. hole 8.75, Total length 66.40



Pkg. 5

134328 Grommet

Servicing: 028000-4550, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6030, 028000-6031

Length: 79.00 mm.



Pkg. 5

134329 Grommet

Servicing: 028000-8980, 028000-9270, 128000-0050, 128000-0620, 128000-0621, 128000-0622, 128000-0930, 128000-1050, 128000-1250

Length: 67.00 mm.



Pkg. 10

134788 Terminal Boot

Servicing: 128000-4663
OD 27.70



Pkg. 5

135127 Lock Washer

Replacing: 028017-0070, 028017-0050

Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975

ID/housing 20.00, Thickness 1.50,
Type Lock washer, Material Steel



Pkg. 5

135128# Lock Washer

Replacing: 028017-0110

Servicing: 028000-0370, 028000-2570, 028000-2571, 028000-2680, 028000-2681, 028000-2682, 028000-3700, 028000-3710, 028000-3950

OD/housing 19.95, Thickness 1.50, Type Lock washer, Material Steel

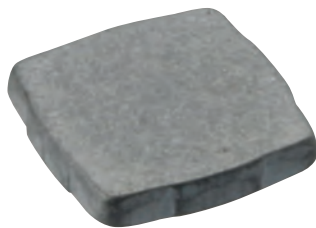


Pkg. 5

135217 Retaining Ring

Servicing: 128000-0461, 128000-0462, 228000-1000, 228000-1040, 228000-1041, 428000-0320

OD/housing 11.50, Thickness 1.60 Used w/ retaining ring: HC-CARGO 233553.



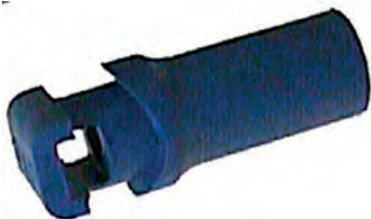
Pkg. 10

135475 Lock

Replacing: 028017-0060

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

Thickness 1.77, Gasket w/o



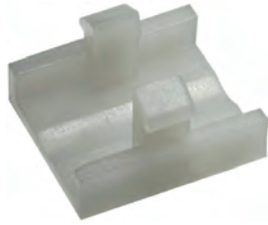
Pkg. 10

135746 Rubber Drain

Replacing: 028062-0530

Servicing: 028000-6000, 028000-6001, 028000-6300, 028000-9270, 128000-0101, 128000-0102, 128000-0140, 128000-0980, 128000-0981

ID 6.80, OD 8.95, Length 28.95



Pkg. 5

136084 Plastic Fitting

Replacing: 028062-0091

Servicing: 028000-4540, 028000-6930, 028000-7320, 028000-7321, 028000-7390, 028000-7391, 028000-7392, 028000-9120, 028000-9121

Plastic.



Pkg. 10

136087 Snap Ring

Replacing: 949072-1580, 949072-1360, 949072-1320

Servicing: 028000-5334, 028000-5335, 028000-6381, 028000-6382, 028000-6383, 028000-6384, 028000-6391, 028000-6392, 028000-6393

OD/housing 9.50, Thickness 1.60 Used w/ retaining ring: HC-CARGO 136089.


136088 Stop Collar Kit

Replacing: 028099-7880, 028021-5010

Servicing: 128000-2520, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3250, 128000-3251

ID 11.00, OD 16.90, Height 5.10



Pkg. 5

136089 Stop Collar

Replacing: 028021-0331

Servicing: 028000-8460, 028000-9181, 028000-9182, 028000-9202, 028000-9203, 028000-9210, 028000-9220, 028000-9221, 028000-9230

ID 11.00, OD 15.90, Height 4.50 Used w/ retaining ring: HC-CARGO 136087.



Pkg. 5

136175 Stop Collar

Replacing: 028021-0310, 028021-0063

Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973

ID 12.50, OD 16.65, Height 6.00 Used w/ retaining ring: HC-CARGO 138026.



Pkg. 5

136299 Connection

Servicing: 028000-9860, 128000-7140, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682

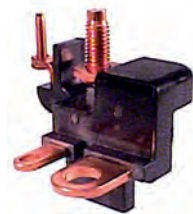
ID 8.40, Lead length 80.00



Pkg. 10

136317 Terminal Boot

ID 20.00, OD 26.80


137588# Terminal Block

Replacing: 053480-7100

Servicing: 128000-1560, 128000-3500, 128000-4960, 128000-5270, 128000-5280, 128000-5670, 128000-6320, 128000-7500, 128000-8030

Cover: HC-CARGO 137589.



Pkg. 5

137590 Grommet

Replacing: 028000-5581, 028000-6290, 028000-6291, 028000-6292, 028000-6870, 028000-6880, 028000-6890, 028000-6891, 028000-6892

Length: 97.50 mm.



Pkg. 5

137592 Terminal Boot

Replacing: 028062-5050, 028062-0640

Servicing: 128000-0280, 128000-0281, 128000-0810, 128000-0910, 128000-2140, 128000-2600, 128000-4750, 128000-5080, 128000-6930

ID 9.10, OD 26.80, Length 46.30



Pkg. 5

137594 Grommet

Servicing: 028000-7000, 028000-7001, 028000-7370, 028000-7372, 028000-7373, 028000-8760, 028000-8761, 028000-8762, 128000-0040

Length: 84.00 mm.



Pkg. 5

137865 Retainer

Replacing: 028327-0140

Servicing: 028000-6280, 128000-1151, 128000-2070, 128000-3111, 128000-3410, 128000-3470, 128000-3471, 128000-3472, 128000-3480

ID/housing 12.30, OD/housing 16.40, Thickness 1.55, Material Steel



Pkg. 10

137976 Rubber Drain

Replacing: 281997-4070, 028065-0100, 028065-0010

Servicing: 028000-5581, 028000-5900, 028000-6870, 028000-6880, 028000-6890, 028000-6891, 028000-6892, 028000-6910, 028000-7560

OD 12.60, Length 28.15



Pkg. 5

138026 Retaining Ring

Replacing: 949072-0400

Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973

OD/housing 11.00, Thickness 1.60, Material Steel

Used w/ retaining ring: HC-CARGO 138027.



Pkg. 5

138027 Stop Collar

ID 11.20, OD 20.00, Height 5.50

Used w/ retaining ring: HC-CARGO 138026.



Pkg. 10

138682 Nut

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4990, 028000-5060, 028000-5190, 028000-5390, 028000-5780

Thread M6, OD 10.00, Lock nut No



139049# Gear Plate

Replacing: 028452-5010

Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420

ID 18.00, OD 63.40, Thickness 7.45



Pkg. 5

139827 Rubber Drain

OD 12.00, Length 28.00



Pkg. 5

231213 Gasket

Replacing: 028901-0290, 028901-0080

Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973

ID 19.50, OD 27.75, Thickness 1.45, Material Rubber

For HC-CARGO 136713.



Pkg. 10

231625 Screw

Replacing: 949006-5670, 028903-0010

Servicing: 028000-5730, 028000-7700, 028000-8980, 028000-9270, 028000-9320, 028000-9321, 028000-9380, 028000-9510, 028000-9800

Thread M4, Total length 14.00, Thread length 7.80, Slot type Phillips, Pozidriv, Countersink Yes w/ o-ring.

Pkg. 10


231731 Drain Tube

Replacing: 028062-7081, 028062-6010, 028062-0272

Servicing: 028000-6721, 028000-7210, 028000-7290, 028000-7440, 028000-7460, 028000-7461, 028000-7462, 028000-7470, 028000-7471

OD 8.05, Length 8.45

Pkg. 5


232214 Spring

Replacing: 028025-0230, 028025-0050

Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975

OD 22.30, Length 19.60

Pkg. 5


232594 Rubber Drain

Replacing: 028065-0300, 028065-0290, 028065-0250, 028062-5790, 028062-0500

Servicing: 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541, 028000-5542

OD 9.40, Length 28.95

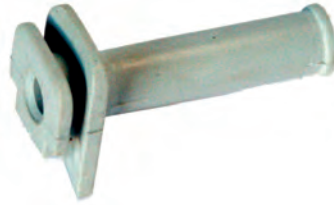
Pkg. 5


232595 Grommet

Servicing: 228000-7550, 228000-7551

Dim. A 13.40, Dim. B 11.20, Dim. C 54.55

Pkg. 5


232596 Grommet

Servicing: 128000-7140, 128000-9730, 128000-9740, 128000-9860, 128000-9880, 228000-0420, 228000-0900, 228000-0901, 228000-0902

Length: 46.50 mm.

Pkg. 10


233080 Retainer

Pkg. 5


233083 Boot

Replacing: 028062-5640, 028062-0660

Servicing: 028000-4650, 028000-7740, 128000-0170, 128000-0171, 128000-0300, 128000-2190, 128000-5110, 128000-6640, 128000-7080

Pkg. 5


233553 Stop Collar

Replacing: 028021-0230

Servicing: 028000-6280, 128000-0461, 128000-1151, 128000-2070, 128000-3111, 128000-3410, 128000-3471, 128000-3472, 128000-3481

ID 13.56, OD 17.45, Height 4.45

Used w/ retaining ring: HC-CARGO 135217.

234973 Stop Collar Kit

ID 12.90, OD 16.20, Height 1.90

Pkg. 10


235256 Insulator

Replacing: 021605-0490

Servicing: 021000-6271, 021000-7090, 021000-7160, 021000-7630, 021000-7640, 021000-8500, 021000-8731, 021000-8770, 021000-8780

ID 5.14, OD/collar 8.15, OD 13.76, Length 12.46, Height/collar 5.44

Pkg. 10


237555 Lock Ring

Replacing: 028325-0110

Servicing: 228000-9901, 228000-9902, 428000-0150, 428000-0151, 428000-0152, 428000-0700, 428000-0701, 428000-1940, 428000-1941

OD/housing 12.72, Thickness 0.99

Pkg. 10


332662 Washer

Servicing: 228000-0940, 228000-0941, 228000-2900, 228000-5960, 428000-6360, 428000-6760

ID 5.20, OD 8.50, Height 2.65

Armatures

12 V

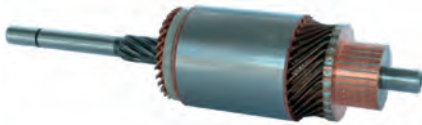


130147 Armature

Replacing: 23276

Servicing: 6185, 6185A, 6185B, 6185C, 6202, 6202A, 6202B, 6219, 6219A, 6219B, 6219C, 6241A

12 V, 0.8 kW, Shaft length 232.00, Core thickness 57.00, No./splines 9, Rotation ACR



130176 Armature

Replacing: 618206, 19256

Servicing: 533002, 533003, 533004, 618071E, 618071F, 618073E, 618073F, 618358A, 618358B, 6189, 6189D, 6189E, 6189EF, 6189F, 6190

12 V, 1 kW, Shaft length 252.00, Core thickness 57.00, No./splines 9, Rotation CR



130949# Armature

Replacing: 618687

Servicing: 534002, 534004, 534005, 6246, 6246A, 6246C

12 V, 0.8/1 kW, Shaft length 210.00, Core thickness 60.00, No./splines 9, Rotation CR



131094# Armature

Replacing: 612117

Servicing: 532002, 532003, 532004, 532009, 532010, 532018, 6231C

12 V, 0.8/0.95/1 kW, Shaft length 244.50, Core thickness 56.50, No./splines 11, Rotation CR



132171 Armature

Replacing: 618242, 605999

Servicing: 6127, 6180, 6232, 6232A, 6233, 6233A

12 V, 2 kW, Shaft length 318.00, Core thickness 73.45, No./splines 6, Rotation CR



133221 Armature

Replacing: 618686

Servicing: 532012, 532021, 532023, 6202C, 6202D, 6202F

12 V, 0.75 kW, Shaft length 219.50, Core thickness 56.60, No./splines 9, Rotation ACR

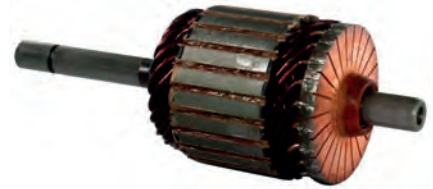


133228 Armature

Replacing: 583249

Servicing: 534023, 534029, 534029A, 534031, 534031A, 534032, 534032A, 534042, 534042A, 534042B, 534043, 534043A, 534044, 534047

12 V, 0.8/1/1.2 kW, Shaft length 189.00, Core thickness 60.20, No./splines 9, Rotation CR



133899 Armature

Replacing: 583342

Servicing: 534053, 534054, 534054D

12 V, 0.8 kW, Shaft length 173.15, Core thickness 60.20, No./splines 9, Rotation CR



133937# Armature

Replacing: 583154

Servicing: 538005, 538005B

12 V, 2.5 kW, Shaft length 305.20, Core thickness 73.15, No./splines 11, Rotation ACR



235769 Armature

Replacing: 606387

Servicing: 6187, 6231, 6231A, 6231B, 6231D

12 V, Shaft length 243.00, Core thickness 56.70, No./splines 9

Solenoids

12 V



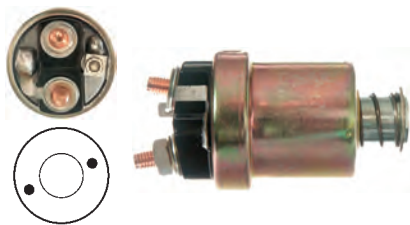
131007 Solenoid

Replacing: 682244, 608407, 607918, 581381

Servicing: 532012, 6208, 6217, 6217A, 6217B, 6217C, 6217D, 6217E, 6217F, 6217G, 6217H

12 V, B+ M8, KI. 50 6.30, OD 45.90, OD/cover 50.40, Total length 116.75, Height/B+ 13.15, Width/KI. 50 10.25, Coil bolt M8, Coil bolt 2 9.30, No./terminals 3

Cap: HC-CARGO 131320.

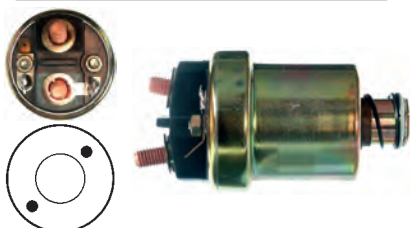

131009 Solenoid

Replacing: 8249, 701414, 701412, 680566, 680560, 680559, 618695, 606893, 606753, 1414

Servicing: 532021, 532023, 533000, 6035E, 6081EF, 6136, 6172, 6185, 6189, 6189A, 6189B, 6189C, 6189D, 6202, 6202A, 6202B, 6202C

12 V, B+ M8, Kl. 50 6.30, OD 46.00, OD/cover 47.80, Total length 107.80, Height/B+ 16.00, Width/kl. 50 16.35, Coil bolt M8, Coil bolt 2 8.55, No./terminals 3

Cap: HC-CARGO 131321.

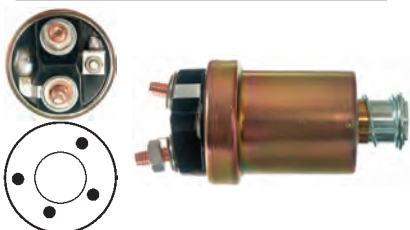

131010 Solenoid

Replacing: 708289, 701426, 701424, 682115, 682102, 681411, 618511, 618480, 618136, 618010, 606913, 606903

Servicing: 533003, 533004, 6045B, 6139BC, 6155HJKL, 6185A, 6185ABC, 6185B, 6185C, 6219A, 6219ABC, 6219B, 6219C, 6227A, 6227AB

12 V, B+ M8, Kl. 30h M5, Kl. 50 6.30, OD 45.80, OD/cover 47.55, Total length 106.60, Height/B+ 12.35, Width/kl. 30h 13.00, Width/kl. 50 8.95, No./terminals 4

Cap: HC-CARGO 133769.

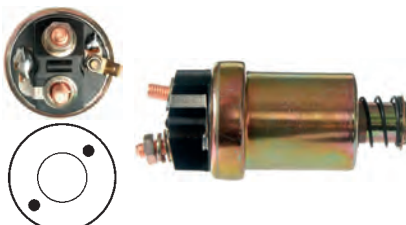

131013 Solenoid

Replacing: 583036

Servicing: 532003, 532004, 532008, 532009, 532018, 533002, 6162C, 6162E, 6190, 6190A, 6190AB, 6190B

12 V, B+ M8, Kl. 50 6.30, OD 46.00, OD/cover 48.35, Total length 119.25, Height/B+ 18.60, Width/kl. 50 16.00, Coil bolt M8, Coil bolt 2 10.85, No./terminals 3

Cap: HC-CARGO 131322.

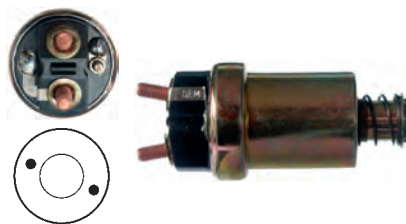

131208 Solenoid

Replacing: 777265, 760111, 680955, 680952, 618220, 606919, 606916, 60111, 583159

Servicing: 6083B, 6083C, 6083D, 6099CD, 6127, 6127C, 6180, 6180B, 6232, 6232A, 6233, 6233A

12 V, B+ M8, Kl. 50 6.30, OD 45.80, OD/cover 47.75, Total length 127.65, Height/B+ 16.70, Width/kl. 50 9.25, Coil bolt M8, Coil bolt 2 9.80, No./terminals 3

Cap: HC-CARGO 133768.

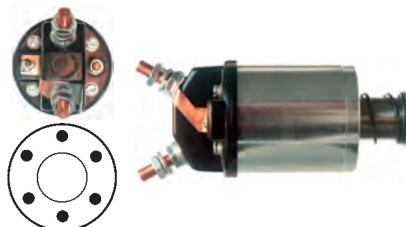

131797 Solenoid

Replacing: 761475, 681438, 618702, 606927, 606896, 60116

Servicing: 6056HJ, 6109, 6109FGHKL, 6192, 6192B, 6192BCJ, 6192C, 6192J, 6192K, 6192L

12 V, B+ M8, Kl. 50 M5, OD 45.80, OD/cover 47.65, Total length 128.00, Height/B+ 14.50, Width/kl. 50 13.60, Coil bolt M8, Coil bolt 2 15.10, No./terminals 3

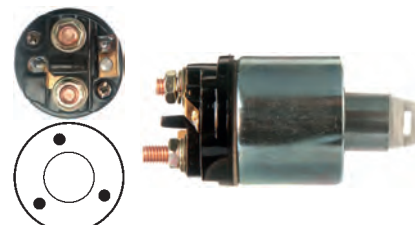
Cap: HC-CARGO 133768.


132241[#] Solenoid

Replacing: 680480, 608299

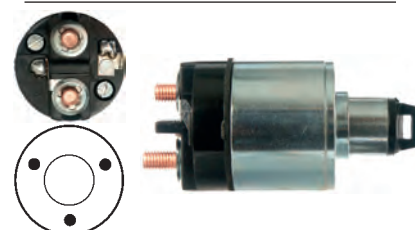
Servicing: 6207, 6207A, 6207B, 6207C

12 V, B+ M8, Kl. 50 M5, OD 57.00, OD/cover 62.00, Total length 141.70, Height/B+ 23.75, Width/kl. 50 13.85, Coil bolt M8, Coil bolt 2 24.15, No./terminals 3


133120 Solenoid

Replacing: 683487, 583618, 583331, 583261
Servicing: 532027, 534032, 534032A, 534036, 534047, 534051A, 534056

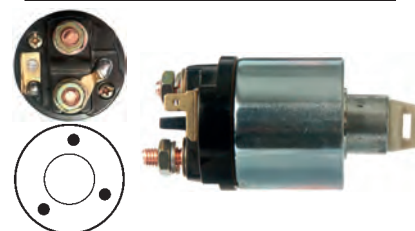
12 V, B+ M8, Kl. 50 6.30, ID/cover 23.15, OD 50.90, OD/cover 51.55, Total length 96.85, Height/B+ 16.15, Width/kl. 50 12.60, Coil bolt M8, Coil bolt 2 12.15, No./terminals 3
Cap: HC-CARGO 132274.


133121 Solenoid

Replacing: 683427, 583486, 583330

Servicing: 534023, 534039, 534039A, 534044, 534046, 534050, 534050A, 534050B, 8293, 8294

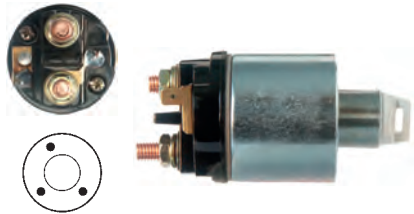
12 V, B+ M8, Kl. 50 6.30, ID/cover 23.25, OD 52.00, OD/cover 52.00, Total length 94.80, Height/B+ 13.00, Width/kl. 50 11.35, Coil bolt M8, Coil bolt 2 9.00, No./terminals 3
Cap: HC-CARGO 133771.


133122 Solenoid

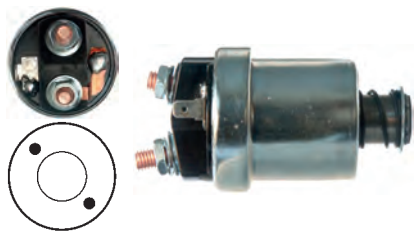
Replacing: 683457, 683456, 683262, 680958, 583333

Servicing: 534029, 534029A, 534031, 534031A, 534042, 534042A, 534042B, 534043, 534043A, 534057

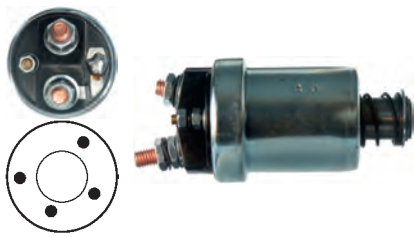
12 V, B+ M8, Kl. 50 6.30, ID/cover 23.25, OD 50.75, OD/cover 51.65, Total length 97.00, Height/B+ 15.85, Width/kl. 50 11.55, Coil bolt M8, Coil bolt 2 12.10, No./terminals 3
Cap: HC-CARGO 132035.



133123 Solenoid
 Replacing: 683523, 683522, 583335
 Servicing: 534048, 534048A, 534053, 534054, 534055
 12 V, B+ M8, Kl. 50 6.30, ID/cover 23.30, OD 50.80, OD/cover 51.55, Total length 97.00, Height/B+ 16.40, Width/Kl. 50 11.85, Coil bolt M8, Coil bolt 2 12.00, No./terminals 3
 Cap: HC-CARGO 131172.



133177 Solenoid
 Replacing: 680565, 680558
 Servicing: 6139, 6155, 6185, 6219, 6227
 12 V, B+ M8, Kl. 50 6.30, OD 46.10, OD/cover 49.45, Total length 102.80, Height/B+ 14.25, Width/Kl. 50 11.20, Coil bolt M8, Coil bolt 2 8.35, No./terminals 3
 Cap: HC-CARGO 133774.



133178 Solenoid
 Replacing: 583079
 Servicing: 532002, 532010, 532020, 6183, 6187, 6203, 6216, 6220, 6231, 6231A, 6231B, 6231C, 6231D, 6247
 12 V, B+ M8, Kl. 50 M5, OD 46.30, OD/cover 51.15, Total length 122.00, Height/B+ 19.60, Width/Kl. 50 13.90, Coil bolt M8, Coil bolt 2 9.00, No./terminals 3
 Cap: HC-CARGO 131323.

Solenoid Parts

Solenoid Caps



131172 Solenoid Cap
 Servicing: 534004, 534005, 534007, 534009, 534029, 534031, 534042, 534043, 534045, 534048, 534049, 534053, 534054, 534055, 534057
 OD 52.00, No./terminals 3
 HC-CARGO 131211, 133123.



131322 Solenoid Cap
 Servicing: 532003, 532004, 532009, 532018, 533000, 533002, 583036, 6190
 OD 53.25, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 131013.



131323 Solenoid Cap
 Servicing: 532002, 532003, 532004, 532008, 532010, 532012, 532014, 532016, 532020, 532021, 532023, 583079, 583080, 6128, 6136
 OD 52.35, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 133178.



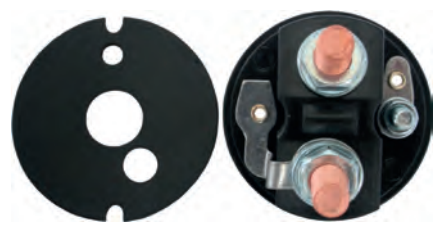
132035 Solenoid Cap
 Servicing: 534042, 534943, 583333, 683457
 OD 52.35, No./terminals 3
 HC-CARGO 133122.



132274 Solenoid Cap
 Servicing: 532027, 534023, 534027, 534028, 534032, 534032A, 534036, 534039, 534044, 534046, 534047, 534050, 534056, 583331, 683262
 OD 52.00, No./terminals 3
 HC-CARGO 133120.



133645 Solenoid Cap
 Servicing: 532011, 533001, 534002, 536001, 538005, 538006, 583098, 583302, 6236, 6239, 681726
 OD 52.00, No./terminals 3
 HC-CARGO 132622.



133768 Solenoid Cap
 Servicing: 060111, 061475, 606916, 606919, 606927, 608819, 6109, 610913, 6127, 6180, 6192, 6232, 6233, 681438
 OD 52.70, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 131797.

Moving Contacts

Pkg. 5



132036 Moving Contact
 Servicing: 583330, 583331, 681872, 683262, 683287, 683480
 Length 37.00, Shaft measurement 42.45, Thickness 2.45, Width 14.00

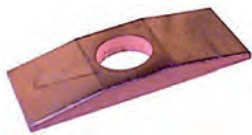


Pkg. 5

132147 Moving Contact

Servicing: 583161, 683099, 683487
 Length 33.30, Shaft measurement 43.00,
 Thickness 3.00, Width 14.00
Silver plated.
 Alternative no.: B132147

Pkg. 10


134150 Contact Plate

Length 32.50, Width 14.00

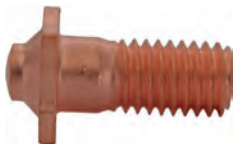
Pkg. 100


B132147 Moving Contact

Replacing: 132147
 Length 33.30, Shaft measurement 43.00,
 Thickness 2.95, Width 14.00
 Alternative no.: 132147

Fixed Contacts

Pkg. 10


134147 Fixed Contact

Total length 23.30,
 Length/rear collar 17.55,
 Thread length 12.30, Thread size M8

Drives

130422 Drive

Replacing: 681397, 22225
 Servicing: 6177, 618075, 618089, 6207,
 6207A, 6207B, 6207C
 ID 14.00, OD 36.25, OD/housing 60.20,
 Total length 76.60, Splines A 6,
 No./teeth 9, Rotation CR


130424 Drive

Replacing: 681378, 60846
 Servicing: 532021, 532023, 6136, 6185, 6185A,
 6185B, 6185C, 6219, 6219A, 6219B, 6219C
 ID 12.00, OD 25.20, OD/housing 46.20,
 Total length 59.50, Splines A 9,
 No./teeth 9, Rotation ACR


130425 Drive

Replacing: 60991
 Servicing: 6202, 6202A, 6202B, 6202C,
 6202D, 6202F
 ID 12.00, OD 29.00, OD/housing 46.00,
 Total length 59.85, Splines A 9,
 No./teeth 9, Rotation ACR


130432 Drive

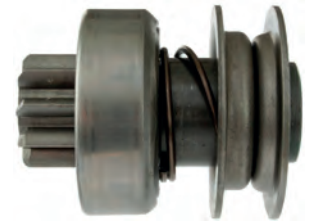
Replacing: 682150, 680663, 612355,
 605055, 605028
 Servicing: 532020, 533000, 533002, 533003,
 533004, 534002, 534004, 534005, 534007,
 6189, 6189D, 6189E, 6189F, 6190, 6190A, 6190B
 ID 12.00, OD 25.25, OD/housing 46.20,
 Total length 68.05, Splines A 9,
 No./teeth 9, Rotation CR


130434 Drive

Replacing: 79692, 681380, 611736, 609477,
 606416, 19567, 18678

Servicing: 532000A, 532000B, 532001A,
 6128, 6172, 6183B, 6183C, 6183F, 6183G,
 6187, 6187C, 6187E, 6187F, 6224B, 6224C,
 6224D, 6227

ID 12.00, OD 25.30, OD/housing 46.45,
 Total length 61.70, Splines A 9,
 No./teeth 9, Rotation CR


131021 Drive

Replacing: 618744, 611942
 Servicing: 532002, 532003, 532004, 532008,
 532009, 532010, 532018, 6231C, 7562A,
 7562B, 7562C, 7562D, 7562E, 7562F
 ID 13.00, OD 25.20, OD/housing 46.20,
 Total length 61.50, Splines A 11,
 No./teeth 9, Rotation CR


131083# Drive

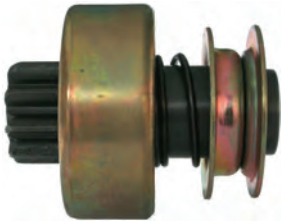
Replacing: 680589
 Servicing: 6236, 6236B, 6236C, 6239
 ID 12.10, OD 25.55, OD/housing 46.20,
 Total length 80.65, Splines A 9,
 No./teeth 9, Rotation CR


131188 Drive

Replacing: 611734, 606415, 17946
 Servicing: 532011, 533001, 6155G, 6161H
 ID 12.00, OD 25.30, OD/housing 47.05,
 Total length 67.80, Splines A 9,
 No./teeth 9, Rotation ACR



131596 Drive
 Replacing: 681898
 Servicing: 538006
 ID 14.20, OD 29.15, OD/housing 59.30,
 Total length 79.90, Splines A 11,
 No./teeth 9, Rotation CR



132078 Drive
 Replacing: 681398, 20795, 16866
 Servicing: 6056HJ, 6109, 6109FGHKL,
 6160DEFG, 6192, 6192B, 6192BCJ, 6192C,
 6192J, 6192K, 6192L, 6193A, 6193AB, 6193B
 ID 14.00, OD 29.30, OD/housing 60.50,
 Total length 73.38, Splines A 6,
 No./teeth 9, Rotation CR



132170 Drive
 Replacing: 683334
 Servicing: 6127, 6127C, 6180, 6180A, 6232,
 6232A, 6233, 6233A
 ID 14.00, OD 39.75, OD/housing 60.00,
 Total length 84.75, Splines A 6,
 No./teeth 10, Rotation CR



132181 Drive
 Replacing: 583336, 583289, 583277
 Servicing: 534023, 534029, 534031, 534032,
 534039, 534042, 534043, 534044, 534047,
 534053, 534054, 534055, 534057, 537039, 8293
 ID 12.00, OD 25.25, OD/housing 46.25,
 Total length 53.00, Splines A 9,
 No./teeth 9, Rotation CR
w/ lever.



132182 Drive
 Replacing: 583307
 Servicing: 534046, 534046A, 534048,
 534050, 534050A
 ID 12.00, OD 25.25, OD/housing 47.00,
 Total length 59.85, Splines A 9,
 No./teeth 9, Rotation CR
w/ lever.



132197 Drive
 Replacing: 683117
 Servicing: 534027, 534027A, 534028,
 534028A, 534036, 534036A
 ID 12.00, OD 29.45, OD/housing 48.50,
 Total length 66.00, Splines A 9,
 No./teeth 11, Rotation CR



135389 Drive
 Replacing: 584185
 ID 12.00, OD 29.00, OD/housing 54.00,
 Total length 54.50, Splines A 9,
 No./teeth 11, Rotation CR
 Alternative no.: 335230



235088 Drive
 Replacing: 079240, 079238, 073811, 072083
 Servicing: 6083, 6083B, 6083C, 6083D,
 6099, 6099CD
 ID 14.00, OD 40.00, OD/housing 57.80,
 Total length 75.15, Splines A 6,
 No./teeth 10, Rotation CR

Levers



132632[#] Lever
 Replacing: 583357
 Servicing: 532000A, 532000AB, 532000B,
 532001A, 532012, 532020, 532021, 532023,
 533002, 533003, 533004, 6155, 6155HJKL,
 6172, 6176
 Dist. 33.45, ID 5.15, Length 92.60



132633[#] Lever
 Replacing: 611509, 583363
 Servicing: 532002, 532003, 532004, 532008,
 532009, 532010, 532014, 532018, 6223A,
 6231C
 Dist. 37.45, ID 5.15, Length 91.30

Brush Gears

Pkg. 10



132574 Brush Gear
 Servicing: 532012, 532016, 532021, 532023,
 532027, 534002, 534004, 534005, 534007,
 534009, 534023, 534029, 534031, 534032,
 534039
 OD 51.30
 Brush set: HC-CARGO USX91922. Brush
 spring: HC-CARGO 132994. Insulator: HC-
 CARGO 132994.

Brush Gear Parts
Brush Springs

Pkg. 10


133889 Brush Spring

 Servicing: 534053C
 OD 12.60, Length 42.45

Various

Pkg. 5


132994 Insulator

Servicing: 532012, 532021, 532023, 534002, 534009, 534029, 534031, 534032, 534039, 534042, 534043, 534047, 534048, 534054, 534055

Brush box: HC-CARGO 132574.

Brush Sets

140849 Brush Set

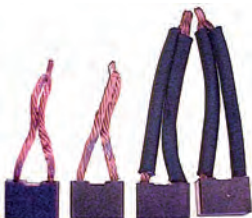
 Replacing: 618491
 Servicing: 532002, 532003, 532004, 532009, 532010, 532011, 532018, 532020, 533002, 6081EF, 6139BC, 6155HJKL, 6172, 6176EG, 6185
 12 V, Length 15.00, Lead length 39.50, Lead length 2 62.00, Height 15.00, Thickness 8.00
 Brush set: HC-CARGO USX73-852.
 Alternative no.: US60

Pkg. 100


US60 Brush

 Replacing: 140849
 12 V, Length 14.88, Lead length 54.50, Height 14.95, Thickness 7.97
 Alternative no.: 140849

USX50-512 Brush Set

 Replacing: 680549, 60556, 079325
 6/12 V, Length 13.00, Lead length 63.50, Height 19.00, Thickness 9.00

USX50-514 Brush Set

 Replacing: 618509, 60567
 Servicing: 6056HJ, 6083B, 6083BCD, 6083C, 6083D, 6099CD, 6109FGHKL, 6127, 6160DEFG, 6169AB, 6177AC, 6192B, 6192BCJ, 6192C, 6192J
 Length 13.00, Lead length 46.00, Height 19.00, Thickness 8.80

USX64-652 Brush Set

 Replacing: 75217, 74042, 078042, 075244, 074043
 6 V, Length 15.00, Lead length 46.00, Height 15.00, Thickness 8.00

USX682 Brush Set

 Replacing: 618570
 12 V, Length 15.00, Lead length 46.00, Height 15.00, Thickness 8.00

USX73-852 Brush Set

 Replacing: 75238, 75226, 611795, 609778, 609592, 23283, 20856, 19252
 Servicing: 532000A, 532000AB, 532000B, 532001A, 6045B, 6081EF, 6092B, 6139BC, 6155HJKL, 6176EG, 6178A, 6178B, 6178C, 6178D, 6183B
 12 V, Length 15.00, Lead length 50.00, Height 15.00, Thickness 8.00
 Brush set w/ springs: HC-CARGO 140849.

USX76-77-78 Brush Set

 Replacing: 618539, 608818, 607084, 22136
 12 V, Length 15.00, Lead length 50.59, Height 15.00, Thickness 8.00

USX91-922 Brush Set

 Replacing: 618692, 618691, 583041
 Servicing: 6202C, 6202CDE, 6202F, 6217F, 6217FG, 6217G, 6217H, 6246A, 6246AC, 6246C
 12 V, Length 15.00, Lead length 61.00/45.00, Height 6.00/11.70, Thickness 13.00



USX93-942/1 Brush Set

Replacing: 583241

12 V, Length 15.00/18.50,
Lead length 50.00, Lead length 2 126.50,
Height 5.50/8.20, Thickness 13.10

Brushes

Pkg. 100



US50# Brush

Replacing: USX50-514, USX50-512

6/12 V, Length 13.08, Lead length 48.50,
Height 18.93, Thickness 8.68

Alternative no.: USX50-512

Pkg. 100



US51# Brush

Replacing: USX50-514, USX50-512

6/12 V, Length 13.05, Lead length 68.47,
Height 18.93, Thickness 8.69

Alternative no.: USX50-512

Pkg. 100



US73/0 Brush

Replacing: USX73-852

12 V, Length 14.95, Lead length 41.50,
Height 14.90, Thickness 7.90

Alternative no.: USX73-852

Pkg. 100



US91/0 Brush

Replacing: USX91-922

12 V, Length 15.12, Lead length 42.70,
Height 13.10, Thickness 10.85

Alternative no.: USX91-922

Pkg. 100



US92/0 Brush

Replacing: USX91-922

12 V, Length 15.05, Lead length 67.00,
Height 13.00, Thickness 10.78

Alternative no.: USX91-922

Pkg. 100



US94/0# Brush

Replacing: USX93-942/1

12 V, Length 17.10, Lead length 117.00,
Lead length 2 59.50, Height 12.85,
Thickness 8.00

Alternative no.: USX93-942/1

Pkg. 10

Bushings



140038 Bushing

Replacing: 98888

Servicing: 6128, 6136, 6172, 6227

ID 10.07, OD 13.05, Length 12.00

Alternative no.: B140038

Pkg. 10



140040 Bushing

Replacing: 97658, 68412, 601476

Servicing: M78, M79, 532012, 532014, 532016,
532021, 532023, 532027, 533000, 534002,
534004, 534005, 534007, 534009, 534023

ID 12.00, OD 15.00, Length 12.00

Alternative no.: B140040

Pkg. 10



140041 Bushing

Replacing: 600664

Servicing: 532016, 6217D, 6217E, 6217F, 6217G

ID 12.05, OD/collar 18.00, OD 15.07, L
ength 13.50, Height/collar 1.50

Pkg. 10



140042 Bushing

Replacing: 600628, 600609

Servicing: 532003, 532004, 532008, 532014,
536001, 6220, 6247

ID 13.04, OD 15.05, Length 14.50

Alternative no.: B140042

Pkg. 10



140043 Bushing

Replacing: 84909, 68903, 68902, 68430

Servicing: 532002, 532003, 532004, 532008,
532009, 532010, 532011, 532012, 532018,
532020, 533000, 533001, 533002, 533003, 533004

ID 12.10, OD 15.05, Length 15.00

Alternative no.: B140043

Pkg. 10


140050 Bushing

 Replacing: 672541
 ID 10.08, OD 14.02, Length 13.50
 Alternative no.: B140050

Pkg. 10


140064 Bushing

 Replacing: 82775
 ID 12.07, OD 15.05, Length 20.00
 Alternative no.: B140064

Pkg. 10


140068 Bushing

 Replacing: 87880
 ID 17.05, OD 21.05, Length 20.00
 Alternative no.: B140068

Pkg. 10


140157 Bushing

 Replacing: 602039
 Servicing: 532002, 532009, 532010, 532018, 6231C
 ID 13.04, OD 15.04, Length 12.00

Pkg. 10


140257 Bushing

 Replacing: 94909
 Servicing: 6236, 6239
 ID 15.95, OD 19.15, Length 14.00
 Alternative no.: B140257

Pkg. 10


140264 Bushing

 Replacing: 28936
 Servicing: 6109, 6127, 6180, 6192, 6232, 6233
 ID 16.27, OD 19.15, Length 15.00
 Alternative no.: B140264

140533 Bushing Kit

 Replacing: 583348
 Servicing: 532000A, 532000AB, 532000B, 532001A, 6045B, 6081EF, 6083B, 6083BCD, 6083C, 6083D, 6155HJKL, 6176EG, 6183B, 6183C
 ID 12.07, OD 15.07, Length 12.01

140543 Bushing Kit

 Replacing: 583372
 Servicing: 6056HJ, 6092B, 6099CD, 6109, 6109FGHKL, 6160DEFG, 6169AB, 6177AC, 6180, 6192, 6192B, 6192BCJ, 6192C, 6192J, 6193A

Pkg. 10


140621 Bushing

ID 12.00, OD 13.20, Length 16.15

Pkg. 10


140622 Bushing

 ID 11.75, OD 13.40, Length 11.00
 Alternative no.: B140622

Pkg. 10


140623 Bushing

ID 13.40, OD 13.60, Length 22.00

Pkg. 10


140667 Bushing

 Replacing: 68763
 ID 14.05, OD 18.05, Length 15.00

Pkg. 100


B140038 Bushing

 Replacing: 98888
 ID 10.07, OD 13.05, Length 12.00
 Alternative no.: 140038

Pkg. 100



B140040 Bushing

Replacing: 97658, 68412, 601476
ID 11.95, OD 15.00, Length 12.00
Alternative no.: 140040

Pkg. 100



B140042 Bushing

Replacing: 600628, 600609
ID 13.04, OD 15.05, Length 14.50
Alternative no.: 140042

Pkg. 100



B140043 Bushing

Replacing: 84909, 68903, 68902, 68430
ID 12.10, OD 15.05, Length 15.00
Alternative no.: 140043

Pkg. 100



B140050 Bushing

Replacing: 672541
ID 10.08, OD 14.04, Length 13.50
Alternative no.: 140050

Pkg. 100



B140064 Bushing

Replacing: 82775
ID 12.06, OD 15.07, Length 19.90
Alternative no.: 140064

Pkg. 100



B140068 Bushing

Replacing: 87880
ID 17.05, OD 21.05, Length 20.00
Alternative no.: 140068

Pkg. 100



B140257 Bushing

Replacing: 94909
ID 15.95, OD 19.15, Length 14.00
Alternative no.: 140257

Pkg. 100



B140264 Bushing

Replacing: 28936
ID 16.26, OD 19.15, Length 14.90
Alternative no.: 140264

Sundry Parts

O-rings

Pkg. 10



134491 O-ring

ID 40.00, Thickness 1.00

Various

Pkg. 5



132924 Cover

Servicing: 532002, 532003, 532004, 532009, 532010, 532011, 532014, 532017, 532018, 532020, 532021, 532023, 533001, 533003, 533004

OD 23.40, Height 12.45

Pkg. 10



134140 Connection

Old type.

Pkg. 10



134158 Lock Ring

Servicing: 532002, 532009, 532010, 532011, 532018, 532021, 532023, 534002, 538006, 6172, 6185, 6202F, 6219, 6227, 6231C, 6236

Pkg. 10


136328# Spring

 Servicing: 532002, 532009, 532010, 532016,
 532018, 532020, 533002, 533003, 533004,
 534055, 6172, 6183B, 6183C, 6183F, 6183G,
 6185

OD 25.00, Length 27.00

Pkg. 10


138766# Brake Washer

ID 12.20, OD 19.00, Thickness 0.80

Pkg. 10


234665 Gasket

 Servicing: 532021, 532023, 6172, 6185,
 6187, 6219, 6227

 Length 62.60, Thickness 0.60,
 Width 44.55

Armatures

12 V



130945 Armature

Replacing: 8083006
 Servicing: B76-0.5/12
 12 V, 0.5 kW, Shaft length 230.00,
 Core thickness 51.75, No./splines 2,
 Rotation ACR

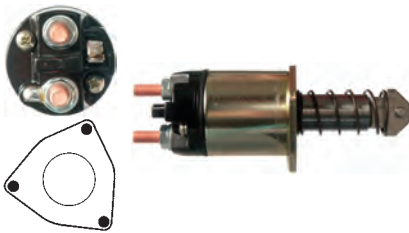
Solenoids

12 V



130848 Solenoid

Replacing: 8088006
 Servicing: B76-0.5/12
 12 V



131437 Solenoid

Replacing: 9540000, 9244000, 9240000
 Servicing: 8020010000, 8020020000,
 8020040000, 8020060000, 8060000,
 8100001, 8120000, 8180000, 8190000,
 E100N-1.5/12, R100.02
 12 V, B+ M8, Kl. 50 6.30, ID/cover 22.00,
 OD 50.40, OD/cover 50.40,
 Total length 127.50, Height/B+ 21.45,
 Width/kl. 50 13.95, Coil bolt M8,
 Coil bolt 2 23.00, No./terminals 3
 Cap: HC-CARGO 132229. Moving Contact:
 HC-CARGO 132246.

Solenoid Parts

Solenoid Caps

Pkg. 5



132229 Solenoid Cap

Servicing: E100N-1.5/12, R100.02, R76.02,
 R76A, R80.04, R80K
 OD 52.45, No./terminals 3
 HC-CARGO 131437, 132227, 132228, 133083,
 133566, 139785, 139786, 230325.

Drives



130740 Drive

Replacing: 8087006
 Servicing: B76-0.5/12
 ID 11.50, OD 25.30, OD/housing 41.30,
 Total length 65.00, Splines A 2,
 No./teeth 9, Rotation ACR



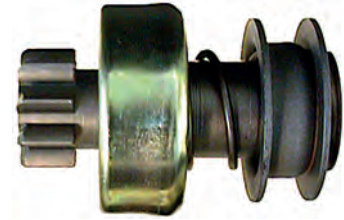
132075 Drive

Replacing: 9087000
 Servicing: E100N-1.5/12, R100.02
 ID 14.00, OD 29.00, OD/housing 46.20,
 Total length 70.00, Splines A 6,
 No./teeth 9, Rotation CR



133841 Drive

Replacing: 8097002
 Servicing: R76.02, R76A
 ID 11.50, OD 25.00, OD/housing 44.00,
 Total length 65.30, Splines A 12,
 No./teeth 9, Rotation ACR
 Alternative no.: 333855



136709# Drive

Replacing: 8187000, 8020067000
 Servicing: 8020040000, 8020060000,
 8020070000, 8060000, 8180000, 8190000,
 R80.04, R80K, R80N, R80Z
 ID 11.65, OD 25.20, OD/housing 45.00,
 Total length 68.00, Splines A 12,
 No./teeth 9, Rotation CR



333855 Drive

Replacing: 8097002
 Servicing: R76.02, R76A
 ID 11.50, OD 25.00, OD/housing 39.00,
 Total length 65.30, Splines A 6,
 No./teeth 9, Drive type Steel, Rotation ACR
 Alternative no.: 133841

Levers



132202 Lever

Replacing: 8087186
 Servicing: B76-0.5/12
 Dist. 41.35, ID 8.00, Length 124.70

Brush Sets



BSX964 Brush Set

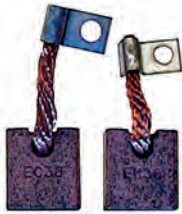
Replacing: 8060014040
 Servicing: R11K
 12 V, Length 23.00, Lead length 43.00,
 Height 25.00, Thickness 10.00
 Alternative no.: BS96


JSX134 Brush Set

Replacing: 9084040

 Servicing: E100, E100-1.5/12, E100N-1.5/12
 12 V, Length 20.00, Lead length 33.50,
 Height 16.00, Thickness 7.00

Alternative no.: JS13


JSX52 Brush Set

Replacing: 8084046

 12 V, Length 17.00, Lead length 24.50,
 Height 16.00, Thickness 6.00

Alternative no.: JS5

Bushings

Pkg. 10


140046 Bushing

Replacing: 9084020

 Servicing: E100N-1.5/12, R100.02
 ID 12.00, OD 16.00, Length 16.90

Alternative no.: B140046

Pkg. 10


140049 Bushing

Replacing: 9085020

 Servicing: E100N-1.5/12, R100.02
 ID 12.11, OD 16.01, Length 24.00

Alternative no.: B140049

Pkg. 10


140050 Bushing

Replacing: 8084316

 Servicing: E80-1/12, R76.02, R76A, R80C
 ID 10.08, OD 14.02, Length 13.50

Alternative no.: B140050

Sundry Parts
Various

Pkg. 10


132122 Brake Washer

Replacing: 9089060

 Servicing: E100-1.5/12, E100N-1.5/12,
 R100.02

 ID 24.45, OD 36.50, Thickness 7.50,
 Material Plastic

Pkg. 5


234715 Rubber Gasket

Replacing: 8085316

Servicing: B76-0.5/12

Armatures

12 V



130360 Armature

Replacing: 17127-1

Servicing: MTS12-1, MTS12-21, MTS12-22, MTS12-23, MTS12-23S, MTS12-29, MTS12-3, MTS12-34, MTS12-39, MTS12-42, MTS12-47, MTS12-48
12 V, 0.8 kW, Shaft length 250.00, Core thickness 54.40, No./splines 12, Rotation CR

Field Coils

12 V



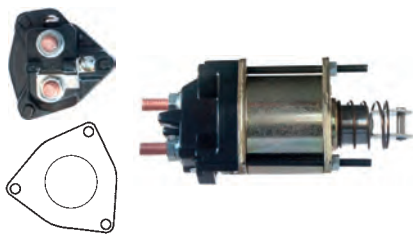
130359# Field Coil

Replacing: 17181-2

Servicing: MTS12-1, MTS12-21, MTS12-22, MTS12-23, MTS12-23S, MTS12-29, MTS12-3, MTS12-34, MTS12-39, MTS12-42, MTS12-47, MTS12-48
12 V, 0.8 kW, Height 80.45, Width 166.00, Internal height 55.25, Inner width 16.35

Solenoids

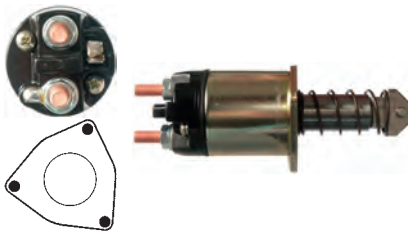
12 V



130377 Solenoid

Replacing: 30430-1

Servicing: MTA12-P30, MTA12P-7, MTD12-14, MTS12-1, MTS12-21, MTS12-22, MTS12-23, MTS12-23S, MTS12-29, MTS12-39, MTS12-42
12 V, B+ M8, KI. 50 6.30, OD 54.70, OD/cover 64.35, Total length 148.85, Height/B+ 22.40, Width/KI. 50 22.80, Coil bolt M8, Coil bolt 2 22.40, No./terminals 3
Cap: HC-CARGO 131325.



131437 Solenoid

Replacing: 10332-9

Servicing: MTA12-13, MTA12-19, MTA12-19M, MTA12-3, MTA12-30, MTA12-37, MTA12-40, MTA12-41, MTA12-43, MTA12-P19, MTS12-22
12 V, B+ M8, KI. 50 6.30, ID/cover 22.00, OD 50.40, OD/cover 50.40, Total length 127.50, Height/B+ 21.45, Width/KI. 50 13.95, Coil bolt M8, Coil bolt 2 23.00, No./terminals 3
Cap: HC-CARGO 132229. Moving Contact: HC-CARGO 132246.



132272 Solenoid

Replacing: 32688-1

Servicing: MOK12-1
12 V, B+ M8, KI. 15a M5, KI. 50 6.30, ID/cover 23.15, OD 52.40, OD/cover 49.85, Total length 138.40, Height/B+ 18.95, Width/KI. 15a 7.40, Width/KI. 50 15.65, Coil bolt M8, Coil bolt 2 19.85, No./terminals 4
Cap: HC-CARGO 132723.

Solenoid Parts

Solenoid Caps



131325 Solenoid Cap

Servicing: 30430-1, MTA12-19, MTA12-19M, MTA12-2, MTA12-30, MTA12-37, MTA12-40, MTA12-43, MTA12-H04, MTA12-H08, MTA12-H24
OD 57.00, No./terminals 3
HC-CARGO 130377.



132229 Solenoid Cap

Servicing: 10332-9, MTA12-19, MTA12-19M, MTA12-37, MTA12-43, MTA12-P19, MTS12-22, MTS12-29, MTS12-39, MTS12-42, MTS12P-19
OD 52.45, No./terminals 3
HC-CARGO 131437, 132227, 132228, 133083, 133566, 139785, 139786, 230325.



132722# Solenoid Cap

Servicing: 23159-1, MOA12-10, MOB12-1, MOB12-2, MTS12-29, MTS12-39, MTS12-42
OD 50.40, No./terminals 4
HC-CARGO 132271.



132723# Solenoid Cap

Servicing: MOB12-1, MOB12-2, MOK12-1, MTS12-48
OD 49.15, No./terminals 4
HC-CARGO 132272.



132776 Solenoid Cap

Servicing: MTA12-30, MTA12-P30, MTS12-P17, MTS12-V12, MTS12-V31
OD 65.00, No./terminals 3

Moving Contacts

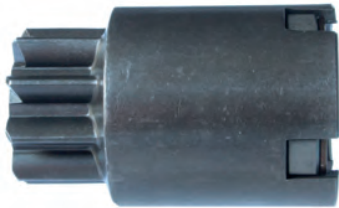
Pkg. 5


132724# Moving Contact

Replacing: 25159-1

Servicing: MOB12-1, MOB12-2, MOK12-1, MTS12-48

Length 35.50, Shaft measurement 35.90, Thickness 2.50, Width 15.00

Drives

130449 Drive

Replacing: 14898-1

Servicing: MTJ12-1, MTU12-1

ID 16.00, OD 29.10, OD/housing 36.90, Total length 58.00, Splines A 4, No./teeth 9, Rotation ACR


130730 Drive

Replacing: 17061-8, 17061-2

Servicing: MTA12-13, MTA12-20, MTA12-3, MTA12-41, MTA12-42, MTA12-5, MTA12-7, MTV12-5, MTV12-7

ID 11.55, OD 25.25, OD/housing 45.00, Total length 62.15, Splines A 12, No./teeth 9, Rotation ACR


130731 Drive

Replacing: 17061-12

Servicing: MTA12-30

ID 11.55, OD 29.20, OD/housing 45.00, Total length 61.90, Splines A 12, No./teeth 9, Rotation ACR


130737 Drive

Replacing: 17061-3, 17061-14

Servicing: MTS12-1, MTS12-21, MTS12-22, MTS12-23, MTS12-23S, MTS12-29, MTS12-3, MTS12-34, MTS12-39, MTS12-42, MTS12-47, MTS12-48

ID 11.70, OD 25.55, OD/housing 43.70, Total length 71.15, Splines A 6, No./teeth 9, Rotation CR


130738 Drive

Replacing: 17061-10

Servicing: MTD12-14, MTD12-19, MTD12-9

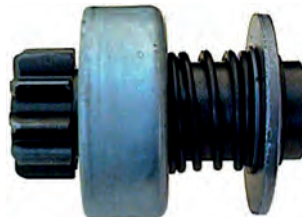
ID 14.00, OD 29.15, OD/housing 46.20, Total length 68.00, Splines A 6, No./teeth 11, Rotation CR


130920 Drive

Replacing: 9586-1, 9328

Servicing: MTA12-1, MTC252-2, MTC252-6, MTC252-7, MTC402-15, MTC402-2

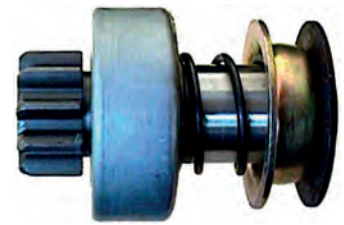
ID 12.00, OD 26.95, OD/housing 41.15, Total length 60.65, Splines A 6, No./teeth 8, Rotation ACR


131064 Drive

Replacing: 17061-25

Servicing: MTA12-40

ID 11.55, OD 27.95, OD/housing 45.00, Total length 61.90, Splines A 12, No./teeth 10, Rotation ACR


131088 Drive

Replacing: 17061-28

Servicing: MOK12-1

ID 12.05, OD 26.70, OD/housing 43.20, Total length 67.50, Splines A 5, No./teeth 10, Rotation CR


131713 Drive

Replacing: 15053-4

Servicing: MTL12-11

ID 14.30, OD 41.00, OD/housing 54.15, Total length 90.00, Splines A 3, No./teeth 11, Rotation CR


131714 Drive

Replacing: 3550, 3350

Servicing: MTA24-2, MTA24-4, MTH24-1, MTH24-2, MTH24-3

ID 14.60, OD 41.00, Total length 120.00, Splines A 3, No./teeth 11


131716 Drive

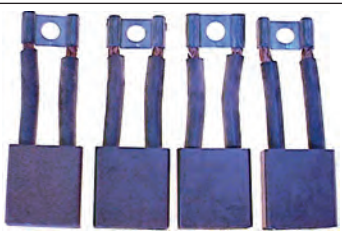
Replacing: 17061-26

ID 11.55, OD 29.30, OD/housing 46.40, Total length 71.00, Splines A 6, No./teeth 11, Rotation CR

Brush Sets



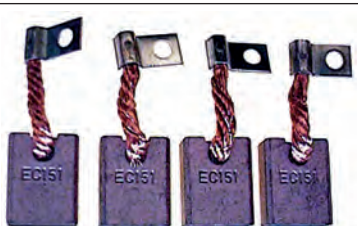
BSX124 Brush Set
 Replacing: 13784-27
 Servicing: MTL12-1, MTL12-10, MTL12-11, MTL12-14, MTL12-16, MTL12-20, MTL12-3, MTL12-8, MTL12-9, MTN12-1
 6/12 V, Length 25.50, Lead length 32.00, Height 13.00, Thickness 9.00



BSX444 Brush Set
 Replacing: 13784-83, 13784-29
 Servicing: MOE12-12, MOE12-13, MOE12-5, MOE12-7, MOL12-1, MOL12-8, MTP12-1, MTP12-16, MTP12-17, MTP12-3, MTP12-5
 12 V, Length 22.50, Lead length 43.00, Height 22.00, Thickness 8.00



FESX25-262 Brush Set
 Replacing: 13784-84
 Servicing: MOB12-2
 12 V, Length 18.00, Lead length 39.50, Height 16.00, Thickness 6.00



JSX134 Brush Set
 Replacing: 13784-7, 13784-59
 Servicing: E100, MTD12-1, MTD12-14, MTD12-18, MTD12-19, MTR12-1, MTR12-6, MTR24-2, MTR24-7
 12 V, Length 20.00, Lead length 33.50, Height 16.00, Thickness 7.00
 Alternative no.: JS13



JSX162 Brush Set
 Replacing: 13784-37
 Servicing: E84, MTS12-1, MTS12-10, MTS12-22, MTS12-23, MTS12-29, MTS12-3, MTS12-34, MTS12-37, MTS12-39, MTS12-42, MTS12-47
 12 V, Length 19.00, Lead length 31.00, Height 17.00, Thickness 8.00
 Alternative no.: JS16



JSX52 Brush Set
 Replacing: 13784-68, 13784-5
 Servicing: MOA12-10, MOA12-13, MOA12-2, MOB12-1, MOK12-1, MTA12-1, MTA12-13, MTA12-14, MTA12-19, MTA12-19M, MTA12-20, MTA12-3
 12 V, Length 17.00, Lead length 24.50, Height 16.00, Thickness 6.00
 Alternative no.: JS5

Bushings



140004 Bushing
 Replacing: 3305-69
 Servicing: MTL12-1, MTL12-10, MTL12-11, MTL12-14, MTL12-16, MTL12-20, MTL12-3, MTL12-8, MTL12-9, MTN12-1
 ID 14.08, OD 17.58, Length 15.00
 Alternative no.: B140004



140010 Bushing
 Replacing: 3305-74
 Servicing: MOE12-12, MOE12-13, MOE12-5, MOE12-7, MOL12-1, MOL12-8, MTL12-1, MTL12-10, MTL12-11, MTL12-14, MTL12-16, MTL12-20
 ID 12.59, OD 16.55, Length 18.00
 Alternative no.: B140010



140014 Bushing
 Replacing: 3305-89, 3305-44
 Servicing: MOK12-1, MTA12-1, MTA12-13, MTA12-20, MTA12-3, MTA12-30, MTA12-38, MTA12-39, MTA12-40, MTA12-42, MTA12-6, MTV12-1
 ID 10.08, OD 14.09, Length 13.00
 Alternative no.: B140014



140020 Bushing
 Replacing: 3305-71
 ID 19.13, OD 25.09, Length 10.00
 Alternative no.: B140020



140043 Bushing
 Replacing: 3305-56, 3305-2
 Servicing: MTO51-2
 ID 12.10, OD 15.05, Length 15.00
 Alternative no.: }



140064 Bushing
 Replacing: 3305-3
 Servicing: MTO51-2
 ID 12.07, OD 15.05, Length 20.00
 Alternative no.: B140064

Pkg. 10


140065 Bushing

Replacing: 3305-40

ID 14.07, OD 18.05, Length 20.15

Alternative no.: B140065

Pkg. 10


140155 Bushing

Replacing: 12665-12

 Servicing: MOA12-10, MOA12-13, MOA12-2,
 MOB12-1, MOB12-2, MOK12-1, MTA12-19,
 MTA12-19M, MTA12-37, MTA12-43, MTA12-
 P19, MTV12-3

ID 10.06, OD/collar 16.50, OD 14.05, Length 13.00, Height/collar 2.00

Pkg. 10


140156 Bushing

Replacing: 3305-13

 Servicing: MOA12-10, MOA12-13, MOA12-
 2, MOB12-1, MOB12-2, MOK12-1, MTA12-1,
 MTA12-13, MTA12-14, MTA12-19, MTA12-19M,
 MTA12-20

ID 10.08, OD 14.03, Length 13.60

Alternative no.: B140156

Pkg. 10


140269 Bushing

Replacing: 3835-38

ID 12.03, OD 16.02, Length 17.00

Alternative no.: B140269

Pkg. 10


140436 Bushing

Replacing: 3305-10

 Servicing: MTB12-1, MTC82-3, MTC82-8,
 MTD12-1, MTD12-14, MTD12-18, MTD12-19,
 MTR12-1, MTR12-6, MTR24-2, MTR24-7,
 CITROEN

ID 12.04, OD 16.00, Length 16.00

Alternative no.: B140436

Pkg. 10


140627 Bushing

ID 11.60, OD 13.40, Length 12.30

Alternative no.: B140627

Pkg. 10


140628 Bushing

ID 14.50, OD 16.05, Length 25.75

Pkg. 10


140690 Bushing

ID 11.53, OD 13.50, Length 23.00

Alternative no.: B140690

Pkg. 100


B140010 Bushing

Replacing: 3305-74

ID 12.56, OD 16.55, Length 18.00

Alternative no.: 140010

Pkg. 100


B140014 Bushing

Replacing: 3305-89, 3305-44

ID 10.08, OD 14.09, Length 13.00

Alternative no.: 140014

Pkg. 100


B140020 Bushing

Replacing: 3305-71

ID 19.13, OD 25.09, Length 10.00

Alternative no.: 140020

Pkg. 100


B140043 Bushing

Replacing: 3305-56, 3305-2

ID 12.10, OD 15.05, Length 15.00

Alternative no.: 140043



Pkg. 100

B140064 Bushing

Replacing: 3305-3
 ID 12.06, OD 15.07, Length 19.90
 Alternative no.: 140064

Pkg. 100



B140065 Bushing

Replacing: 3305-40
 ID 14.07, OD 18.05, Length 20.15
 Alternative no.: 140065

Pkg. 100



B140269 Bushing

Replacing: 3835-38
 ID 12.03, OD 16.02, Length 17.00
 Alternative no.: 140269

Pkg. 100



B140436 Bushing

Replacing: 3305-10
 ID 12.04, OD 16.00, Length 16.00
 Alternative no.: 140436



Pkg. 100

B140627 Bushing

Replacing: 140627
 ID 11.62, OD 13.42, Length 12.32
 Alternative no.: 140627

Pkg. 100



B140690 Bushing

Replacing: 140690
 ID 11.53, OD 13.50, Length 23.00
 Alternative no.: 140690

Sundry Parts

Various



231001 Washer Kit

Replacing: 24460-M8011

Armatures

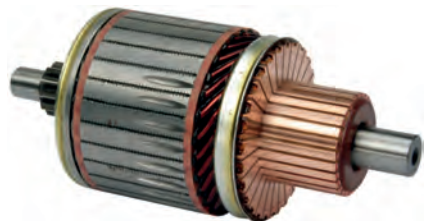
12 V


130115 Armature

Replacing: 83BB11005BA, 78GB11005BA
 Servicing: 6160440, 835F11000AC
 12 V, 2.4 kW, Shaft length 290.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 9 V: HC-CARGO 133087.
 Alternative no.: F032130115


130210 Armature

Replacing: C5NF11005C
 Servicing: M50
 12 V, 2.8 kW, Shaft length 303.30,
 Core thickness 84.00, No./splines 3,
 Rotation CR


136634 Armature

Replacing: SM475, F2PZ11005A, E9O-
 Z11005A, E9OZ11005A
 Servicing: 1057652, 3852582, 5029143,
 6775703, 6775704, 7041784, 93BB11000HB,
 93BB11000JB, 93BB11000KA, 93BB11000KB,
 E90F11000AA
 12 V, Shaft length 129.10,
 Core thickness 55.43, No./teeth 11,
 Rotation CR/ACR
 Shaft: HC-CARGO 136637.


139352 Armature

Replacing: SM461, F4TZ11005A
 Servicing: F4PU11000AA, F4TZ11002A
 12 V, 2.5 kW, Shaft length 169.40,
 Core thickness 53.45, No./splines 13


139646 Armature

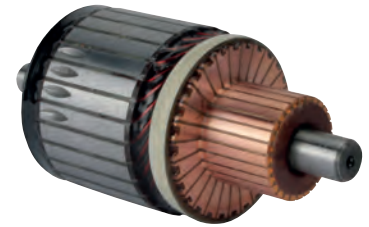
Replacing: E5PZ11005A
 Servicing: E3TZ11002A, E5TZ11002B, E8T-
 F11000AA, E8TZ11002A, F3TU11000AA
 12 V, 2.5 kW, Shaft length 177.50,
 Core thickness 60.00, No./teeth 9,
 Rotation CR


230739 Armature

Replacing: XC1U11005AA
 Servicing: 1024508, 1027928, 1058429,
 1059179, 1073093, 1073108, 1093471,
 1105310, 1118336, 1120215, 1126987,
 1133994, 1140110
 12 V, 1.9/2.2 kW, Shaft length 156.00,
 Core thickness 54.00, No./teeth 11


231080 Armature

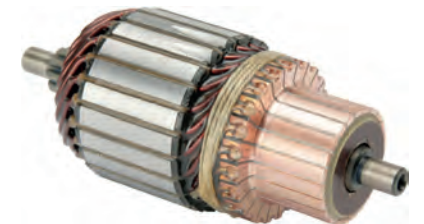
Replacing: 1063999, 1064000, 1067622,
 1229427, 1233234, 1254222, 1368970,
 1469712, 1S7U11000AB, 1S7U11000AC,
 1S7U11000AD
 12 V, Shaft length 122.00,
 Core thickness 44.00, No./teeth 9,
 Rotation CR


231138 Armature

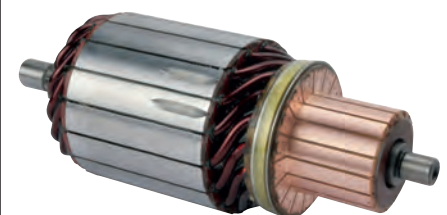
Replacing: SM482, F2TZ11005A
 Servicing: 1057654, 1057661, 1061272,
 1076141, 1085273, 1087280, 1367529,
 1X4U11000AA, 4X4U11000AB, 4X4U11000AC,
 93BB11000HC
 12 V, Shaft length 126.55,
 Core thickness 55.45, No./teeth 11,
 Rotation CR/ACR
 Shaft: HC-CARGO 231139.


231471 Armature

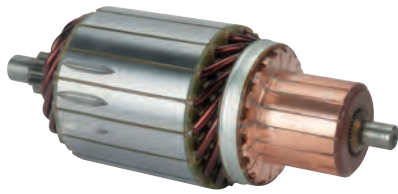
Replacing: F4XY11005A
 Servicing: F32Z11002B
 12 V, 1.7/2 kW, Shaft length 143.55,
 Core thickness 54.00, No./teeth 11,
 Rotation CR/ACR


235725 Armature

Replacing: 1140757, 1144505, 1151216,
 1151642, 1197912, 1205240, 1209193,
 1233277, 1237323, 1250901, 1251700,
 1300504, 1325943
 12 V, 1.1 kW, Shaft length 110.53,
 Core thickness 44.36, No./teeth 9


237507 Armature

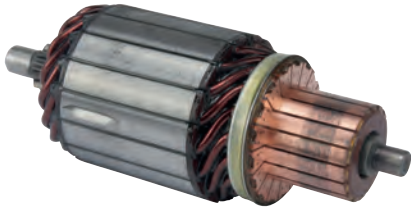
Replacing: 1231963, 1351989, 1376305,
 1385784, 1469721, 1477974, 2T1411000CB,
 2T1411000CC, 3M5T11000DB, 3M5T11000DC,
 4424968
 12 V, 2.2 kW, Shaft length 146.70,
 Core thickness 53.80, No./teeth 10



330215 Armature
 Servicing: 1387092, 6G9N11000EB, 6G9N11000EC
 12 V, 2 kW, Shaft length 146.75, Core thickness 53.80, No./teeth 10



330929 Armature
 Servicing: 1465115, 1476606, 1529431, 4M5T11000FC, 6G9N11000GB, 6G9N11000GC
 12 V, 2.2 kW, Shaft length 146.90, Core thickness 53.77, No./teeth 10, Rotation CR



332591 Armature
 Servicing: 1480550, 6G9N11000EC
 12 V, 2 kW, Shaft length 146.85, Core thickness 53.80, No./teeth 11, Rotation CR

Yokes

Yoke Parts

Magnets



136719 Magnet (north)
 Servicing: 1061272, 4X4U11000AC, 7041784, 98AB11000EC, F7PU11000DA, F7PZ11002DA, F87U11000A1A
 Length 45.00, Height 8.00, Width 22.00, Pole type North
 3 magnets.

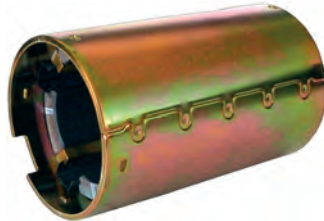
Pkg. 3



136720# Magnet (south)
 Servicing: 1061272, 4X4U11000AC, 7041784, 98AB11000EC, F7PU11000DA, F7PZ11002DA, F87U11000A1A
 Length 45.00, Height 8.00, Width 22.00, Pole type South
 3 magnets.

Yokes w/ magnets

12 V



230740 Yoke
 Replacing: F7RU11075AA1
 Servicing: 1024508, 1027928, 1058429, 1059179, 1073093, 1073108, 1093471, 1105310, 1118336, 1126987, 1133994, 1S4U11000AA
 12 V, 2.2 kW, OD/middle 79.00, Length 128.00, Brush gear w/o, Magnets w/



231145 Yoke
 Replacing: E9OZ11075A, E9OZ11075A
 Servicing: 1057652, 1057654, 1057661, 1061272, 1076141, 1085273, 1087280, 1367529, 1X4U11000AA, 3852582, 4X4U-11000AB, 4X4U11000AC
 OD/middle 77.90, Length 97.65, Brush gear w/o, Magnets w/



235791 Yoke
 Servicing: 1120215, 1140110, 1151641, 1214371, 1387062, 1450653, 1551240, 1S7U11000BA, 1S7U11000BB, 1S7U11000BC, 1S7U11000DA
 12 V, 2.1 kW, OD/middle 78.70, Length 128.00, Rotation ACR, Magnets w/

Field Cases



231461 Field Case
 Replacing: F5TZ11K192A, F4TZ11K192A
 12 V, 2.5 kW, OD/middle 85.40, Length 94.15



236858 Field Case
 Servicing: 1151216, 1250901, 1251700, 1300504, 1325943, 1345314, 1366473, 1366986, 1379702, 1379703, 1387091, 1473072, 1477482
 12 V, 1.1 kW, OD/middle 67.00, Length 85.00

Field Coils

12 V



135338 Field Coil
 Replacing: E3PZ11062A
 Servicing: 20MT, 27MT
 12 V, Height 130.40, Width 243.90, Internal height 100.90, Inner width 31.85

C.E. Brackets

230897 C.E. Bracket

Servicing: 1024508, 1027928, 1058429,
 1059179, 1073093, 1073108, 1093471,
 1105310, 1118336, 1126987, 1387092,
 1477974, 1480550

Bearing: HC-CARGO 142279.


231142 C.E. Bracket

Replacing: SH223, SH220, F2TZ11049B,
 F2TZ11049A, F2PZ11049A, E90Z11049A

Servicing: 1057652, 1057654, 1057661,
 1061272, 1076141, 1085273, 1087280,
 1367529, 1X4U11000AA, 3852582, 4X4U-
 11000AB, 4X4U11000AC


232490 C.E. Bracket

Replacing: E5PZ11049A

Servicing: E8TF11000AA, F3TU11000AA
 ID 84.50


232491 C.E. Bracket

Replacing: F4TZ11049A

ID 77.04


235114 C.E. Bracket

Servicing: 1120215, 1140110, 1151641,
 1214371, 1387062, 1450653, 1S7U11000BA,
 1S7U11000BB, 1S7U11000BC, 2S7T11000DA,
 2S7T11000DB

ID 80.00


237612 C.E. Bracket

Servicing: 1449615, 1541002, 4520765,
 4529404, 4742541, RYC1U11000AF, YC-
 1U11000AD, YC1U11000AE, YC1U11000AG

ID 22.00

D.E. Brackets

231152# D.E. Bracket

Replacing: SE350, F3RZ11130A

Servicing: 1057652, 6775703, 93BB11000HB,
 93BB11000HC, F3RZ11002A, SA-813

Needle bearing: HC-CARGO 140242.


231210 D.E. Bracket

Replacing: SE352, F3RZ11130C

Servicing: 1057661, 1076141, 1085273,
 1367529, 1X4U11000AA, 4X4U11000AB,
 4X4U11000AC, 7041784, 93BB11000KA,
 93BB11000KB

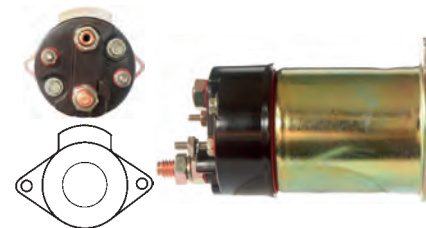
Needle bearing: HC-CARGO 140242.


234989 D.E. Bracket

Servicing: 1120215, 1140110, 1151641, 1214371,
 1387062, 1449615, 1450653, 1541002, 1551240,
 1S7U11000BA, 1S7U11000BB, 1S7U11000BC


238850 D.E. Bracket

Servicing: 1133994, 1477974, 1S4U11000AA,
 1S4U11000AB, 2T1411000CB, 2T1411000CC,
 4424968, 98AB11000AD

Solenoids
12 V

130499 Solenoid

Replacing: D6TZ11390A

Servicing: 10MT, 20MT, 25MT, 27MT

12 V, B+ 3/8" UNC, KI. 15a 8-32 UNC,
 KI. 50 8-32 UNC, ID/cover 31.35,
 OD 59.80, OD/cover 65.10,
 Total length 122.15, Coil bolt 3/8" UNC,
 No./terminals 4

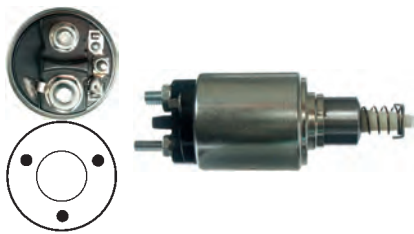
Cap: HC-CARGO 130497.


131142 Solenoid

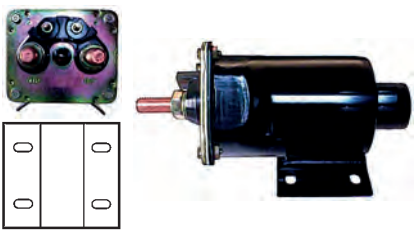
Manufacturer: Bosch

Replacing: SH222

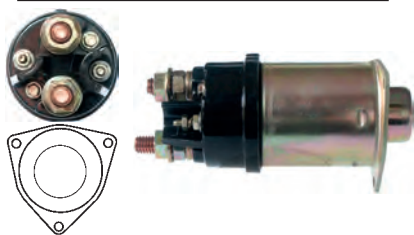
12 V, B+ M8, ID/cover 30.15, OD 61.15,
 OD/cover 53.55, Total length 160.20,
 Height/B+ 18.50, Coil bolt M10,
 Coil bolt 2 16.85, No./terminals 3
 Cap: HC-CARGO 131319.



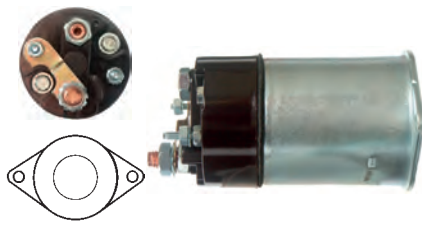
131189 Solenoid
 Replacing: 78GB11390AA
 12 V, B+ M8, Kl. 50 M5, ID/cover 29.85, OD 61.00, OD/cover 53.10, Total length 171.75, Height/B+ 19.00, Width/kl. 50 13.70, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3
 Cap: HC-CARGO 133159.



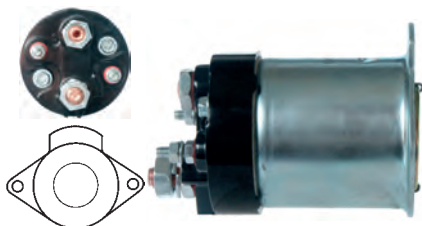
131363 Solenoid
 Replacing: E1HZ11390A, C3TZ11390A, C3TS11390A
 Servicing: 40MT, 50MT
 12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 74.60, Total length 201.00, Height/B+ 28.00, Width/kl. 15a 9.00, Width/kl. 50 9.00, Coil bolt 1/2" UNC, Coil bolt 2 18.00, No./terminals 4
 Insulated return. Square type. Cap: HC-CARGO 131367.



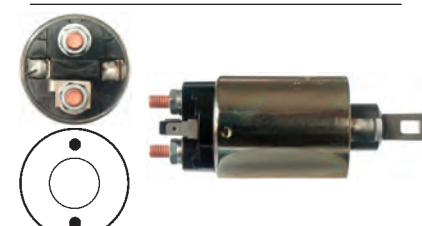
131369 Solenoid
 Replacing: E6HZ11390C, E6HZ11390B
 Servicing: 42MT
 12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 68.80, OD/cover 78.10, Total length 177.80, Height/B+ 26.00, Width/kl. 15a 12.50, Width/kl. 50 12.50, Coil bolt 1/2" UNC, Coil bolt 2 17.50, No./terminals 4
 Insulated return. Cap: HC-CARGO 135324.
 Solenoid w/ plunger: HC-CARGO 234476.



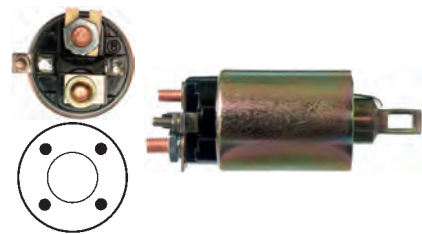
131396 Solenoid
 Replacing: D6VZ11390A, D5AZ11390A, D3VY11390A, D3TZ11390A, C8VY11390A
 Servicing: 5027805, 6816676, 91AB11000AB, 92AB11000FB, C8VF11000A, C8VY11002C, C9AF11001A, D2AF11001ER, D5AF11001AB
 12 V, B+ M10, Kl. 50 M4, ID/cover 31.00, OD 61.00, OD/cover 62.65, Total length 121.85, Height/B+ 20.30, Width/kl. 50 14.00, No./terminals 4



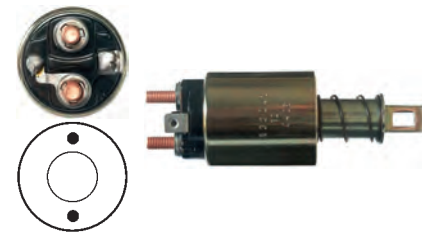
131590 Solenoid
 Replacing: SW1864, E4FZ11390A, E3P-Z11390A
 Servicing: 5MT, 22MT
 12 V, B+ 3/8" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/cover 28.50, OD 59.90, OD/cover 65.55, Total length 105.25, Height/B+ 14.50, Width/kl. 15a 10.00, Width/kl. 50 10.00, Coil bolt 3/8" UNC, No./terminals 4
 Insulated return. Cap: HC-CARGO 137809.



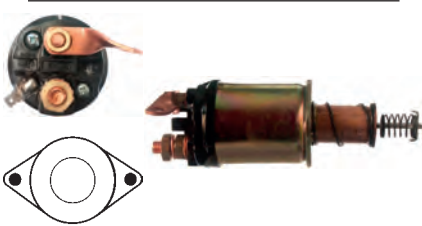
132473 Solenoid
 Replacing: E3TZ11390A
 12 V, B+ M8, Kl. 50 6.30, OD 54.75, OD/cover 49.20, Total length 148.30, Height/B+ 18.00, Width/kl. 50 16.00, Coil bolt M8, Coil bolt 2 18.15, No./terminals 3
 Cap: HC-CARGO 134625.



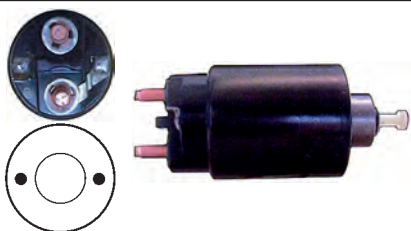
132917 Solenoid
 Replacing: SB417
 12 V, B+ M10, Kl. 50 9.40, OD 55.20, OD/cover 48.50, Total length 146.00, Height/B+ 19.65, Width/kl. 50 10.65, Coil bolt M10, Coil bolt 2 13.00, No./terminals 3
 Cap: HC-CARGO 133287.



133043 Solenoid
 Replacing: E2NN11390AA
 12 V, B+ M8, Kl. 50 9.40, ID/cover 22.00, OD 52.30, OD/cover 44.35, Total length 129.85, Height/B+ 16.55, Width/kl. 50 13.25, Coil bolt M8, Coil bolt 2 15.55, No./terminals 3
 Cap: HC-CARGO 133276.



134888 Solenoid
 Replacing: 84VB11390AA
 Servicing: M127/2.8 KW
 12 V, B+ M10, Kl. 50 6.30, ID/cover 26.00, OD 53.60, OD/cover 59.70, Total length 181.45, Height/B+ 24.55, Width/kl. 50 23.55, Coil bolt M8, Coil bolt 2 19.65, No./terminals 3
 Cap: HC-CARGO 132270.

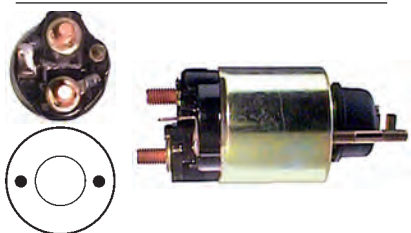

136632 Solenoid

Replacing: SW5038, SW2502A, SW2502, SW2245, SW2207, SW2188, F4DZ11390A, F3VY11390B, F3VY11390A, F02Z11390A

Servicing: 3852582, E90F11000AA, E90F-11000BA, E98F11000AA, E98F11000BA, E9SF11000AA, E9SF11000AB, E9SF11000BA, E9SZ11002A

12 V, B+ M8, Kl. 50 6.30, OD 51.40, Total length 126.90, Height/B+ 15.50, Coil bolt M8, Coil bolt 2 15.50, No./terminals 3

Cap: HC-CARGO 137582.

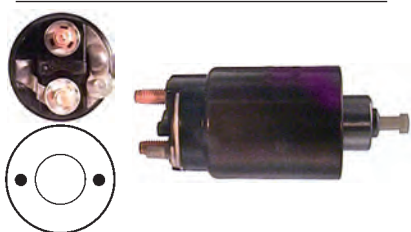

137720 Solenoid

Replacing: 81AB11390BA

Servicing: 81AB11000FA

12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, OD 50.80, OD/cover 50.00, Total length 118.20, Height/B+ 11.55, Width/kl. 15a 9.95, Width/kl. 50 15.35, Coil bolt M8, Coil bolt 2 12.30, No./terminals 4

Cap: HC-CARGO 131291.


138496 Solenoid

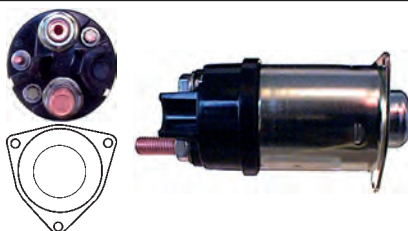
Replacing: XS7U11390AA, XS6U11390AA, SW5204, SW2507, SW2506, F78Z11390AA, F3RZ11390B, F3RZ11390A, E3RZ11390A

Servicing: 1061272, 1345314, 1477974, 1480550, 1551240, 1S4U11000AA, 1S4U-11000AB, 1S7U11000AC, 3S4T11000AB, 3S4T11000AC, 4033064

12 V, B+ M8, Kl. 50 M6, OD 51.45, Total length 131.80, Height/B+ 16.50, Width/kl. 50 15.00, Coil bolt M8, Coil bolt 2 17.00, No./terminals 4

Cap: HC-CARGO 138497. Moving contact: HC-CARGO 137529.

Alternative no.: 610306

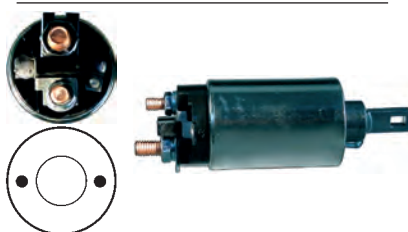

139209 Solenoid

Replacing: SW2157, E7HZ11390B

Servicing: 37MT, F3HT11001AB, F3HZ11002C

12 V, B+ 1/2" UNC, Kl. 50 10-32 UNF, ID/cover 32.00, OD 68.75, OD/cover 77.40, Total length 179.00, Height/B+ 26.00, Coil bolt 1/2" UNC, No./terminals 3

Cap: HC-CARGO 232014.

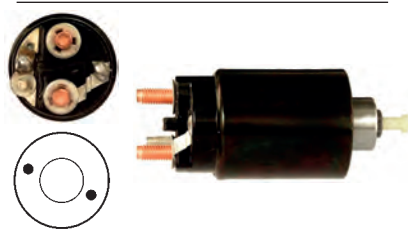

139614 Solenoid

Replacing: E5PZ11390A, E4TZ11390A

Servicing: E8TF11000AA, F3TU11000AA

12 V, B+ M10, Kl. 50 M5, OD 55.00, OD/cover 49.00, Total length 171.15, Height/B+ 23.65, Width/kl. 50 9.15, Coil bolt M8, Coil bolt 2 10.00, No./terminals 3

Cap: HC-CARGO 231107.

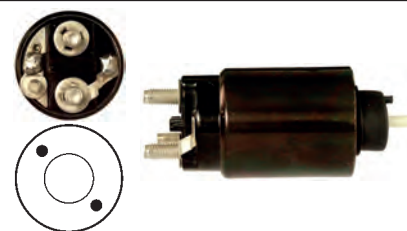

231178 Solenoid

Replacing: SW5203, SW5112, F6VZ11390AA

Servicing: F6VU11000AA, F75U11000AA, F7LU11000BA, F7PU-11000-AA, F7PU-11000-DA, F7PU-11000-EA, F7PU11000BA, F7PU11000CA

12 V, B+ M8, Kl. 50 M6, OD 51.35, OD/cover 44.50, Total length 126.50, Height/B+ 12.00, Width/kl. 50 13.50, Coil bolt M8, Coil bolt 2 12.00, No./terminals 3

Cap: HC-CARGO 231180.

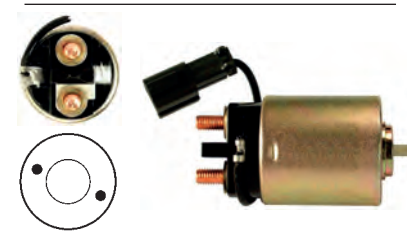

231179 Solenoid

Replacing: SW5189, F8ZZ11390BA, F8Z-11390AB, F8ZZ11390AA, F75Z11390AA

Servicing: F75U11000AB, F77U11000AA, F7UZ1002AA, F81U11000AA, F81U11000AC, F81Z11002AA

12 V, B+ M8, Kl. 50 M6, OD 51.40, OD/cover 44.75, Total length 126.60, Height/B+ 12.50, Width/kl. 50 13.50, Coil bolt M8, Coil bolt 2 12.50, No./terminals 3

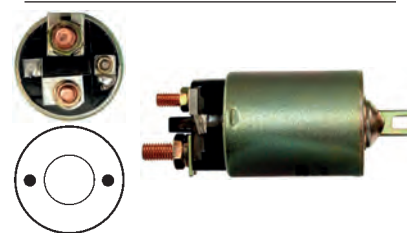
Cap: HC-CARGO 231180.


231454 Solenoid

Replacing: F4XY11390A

12 V, B+ M8, ID/cover 24.70, OD 51.55, OD/cover 45.15, Total length 105.00, Height/B+ 14.40, Coil bolt M8, Coil bolt 2 14.40, No./terminals 3

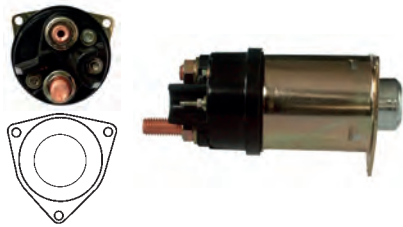
Cap: HC-CARGO 231107.


231457 Solenoid

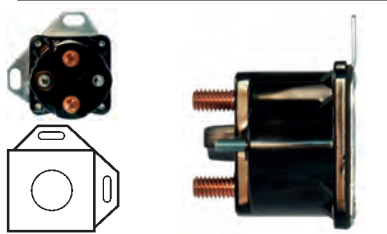
Replacing: F4TZ11390A

12 V, B+ M10, Kl. 50 M5, OD 55.15, OD/cover 48.55, Total length 143.00, Height/B+ 25.25, Width/kl. 50 11.30, Coil bolt M8, Coil bolt 2 18.95, No./terminals 3

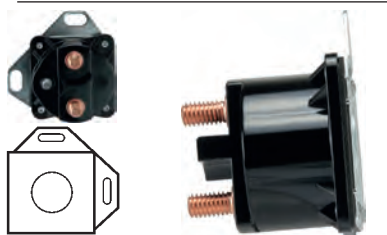
Cap: HC-CARGO 231458.



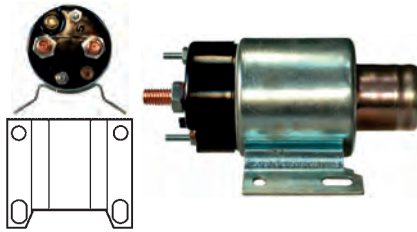
231914 Solenoid
 Replacing: SW2114, SW-2114
 Servicing: 37MT
 12 V, B+ 1/2" UNC, Kl. 50 10-32 UNF, ID/cover 32.25, OD 68.85, OD/cover 76.40, Total length 177.65, Coil bolt 1/2" UNC, No./terminals 3
 Cap: HC-CARGO 232028.



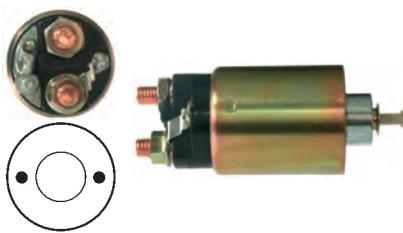
231930 Solenoid
 Replacing: SW1533C, SW1533A, SW1533, ETTZ11450A, E9TZ11450A, E8TZ11450A, E8T211450B, E5AZ11450A, E5AZ-11450-A
 12 V, 100 Amp, Intermittent load 800 Amp, B+ 5/16" UNC, Kl. 15a 8-32 UNC, Kl. 50 10-32 UNF, OD 48.70, OD/cover 49.30, Total length 58.30, Height/B+ 12.00, Width/kl. 15a 8.00, Width/kl. 50 5.00, Coil bolt 5/16" UNC, Coil bolt 2 12.00, No./terminals 4



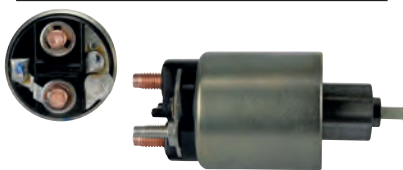
232220 Solenoid
 Replacing: SW1951C, SW1951B, SW1951A, E7TZ11450A, E5TZ11450A, E5TZ-11450A
 12 V, 100 Amp, Intermittent load 800 Amp, B+ 5/16" UNC, Kl. 50 10-32 UNF, OD 49.05, OD/cover 49.05, Total length 58.75, Height/B+ 12.00, Width/kl. 50 5.50, Coil bolt 5/16" UNC, Coil bolt 2 12.00, No./terminals 3



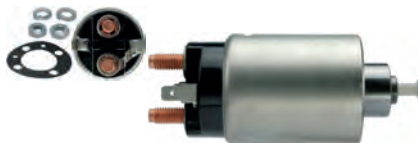
232221 Solenoid
 Replacing: C6TZ11390A
 Servicing: 30MT
 12 V, B+ 3/8" UNC, Kl. 15a 8-32 UNC, Kl. 50 8-32 UNC, ID/cover 32.05, OD 66.30, OD/cover 62.15, Total length 148.00, Height/B+ 13.00, Width/kl. 15a 14.00, Width/kl. 50 10.50, Coil bolt 3/8" UNC, Coil bolt 2 15.00, No./terminals 4
 Cap: HC-CARGO 232222.



233890 Solenoid
 Servicing: 1C2411000AA, 1C2Z11002AA, 1C3U11000AA, 1C3U11000AB, 1C3U11000AC, 1C3U11000AD, 1C3U11000AE, 1C3Z11002AA, 2C2411000AA
 12 V, B+ M10, Kl. 50 M5, OD 51.35, Total length 127.20, Height/B+ 15.50, Width/kl. 50 15.00, Coil bolt M10, Coil bolt 2 14.50, No./terminals 3



235496 Solenoid
 Servicing: 2S6U11000EB, YS1U11000BA, YS4U11000AA, YS4U11000AB, YS4U11000BA
 12 V, B+ M8, Kl. 50 M6, ID/cover 13.50, OD 51.40, OD/cover 49.50, Total length 82.50, Switch dim. 7.00, Height/B+ 15.00, Width/kl. 50 15.00, No./terminals 3

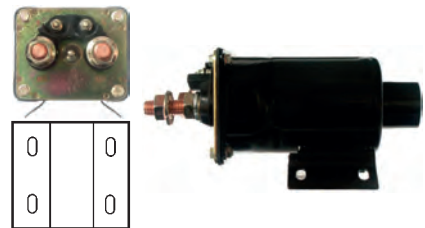


236961 Solenoid
 Servicing: F8RU11000AA, F8RU11000CA
 12 V, B+ M8, No./terminals 3



239797 Solenoid
 Servicing: 1151216, 1151642, 1197912, 1205240, 1209193, 1233277, 1250901, 1251700, 1300504, 1325943, 1366473, 1366986, 1379702
 12 V, B+ M8, Kl. 50 M6, OD 51.69, Total length 83.00, Height/B+ 14.08, No./terminals 3

24 V



131364 Solenoid
 Replacing: C4TZ11390A
 Servicing: 40MT, 50MT
 24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/cover 31.00, OD 74.40, Total length 201.75, Coil bolt 1/2" UNC, No./terminals 4
 Insulated return. Cap: HC-CARGO 131368.



235816 Solenoid
 24 V, OD 53.00, Total length 64.00, No./terminals 4

Solenoid Parts

Solenoid Caps



135324 Solenoid Cap
 Servicing: 42MT
 OD 76.85, No./terminals 4
 HC-CARGO 131369.


137582 Solenoid Cap

Servicing: 3852582, E90Z11390A, E98F11000AA,
 E98F11000BA, E9SF11000AA, E9SF11000AB,
 E9SF11000BA, E9SZ11002A, E9SZ11002B
 OD 49.40, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 136632.


138497 Solenoid Cap

Servicing: 1024508, 1027928, 1057652,
 1057654, 1057661, 1058429, 1059179,
 1061458, 1063999, 1064000, 1067622,
 1073093, 1073108
 OD 49.30, No./terminals 3
 HC-CARGO 138496.


231180[#] Solenoid Cap

Servicing: F6VZ11390AA, F75Z11390AA,
 F8ZU11390AA
 OD 49.10, No./terminals 3
 HC-CARGO 231178, 231179.


332555 Solenoid Cap

Servicing: 1345314, 1477974, 1551240,
 1S4U11000AB, 3S4T11000AB, 3S4T11000AC,
 4542546, 4X4U11000AC, 6G9N11000BB,
 7041784
 OD 49.57, No./terminals 3,
 Bracket type Crimp

Moving Contacts

Pkg. 5


137529 Contact Kit

Servicing: 1345314, 1477974, 1480550,
 1S4U11000AB, 3S4T11000AB, 3S4T11000AC,
 4033064, 4542546, 4X4U11000AC, 6G9N-
 11000BB, 7041784
 Length 27.65, Width 15.20

Various

Pkg. 10


231140 Screw

Servicing: 1061272, 1345314, 1476606, 1477974,
 1480550, 1525794, 1525795, 1535628, 1551240,
 1S4U11000AB, 3S4T11000AB, 3S4T11000AC
 Thread M6, Total length 38.25,
 Thread length 11.40, Countersink Yes


232942 Gasket

Servicing: 3S4T11000AB, 3S4T11000AC,
 4542546, 4X4U11000AC, 7041784
 ID 30.90, ID/mount. hole 7.00,
 OD 44.60, Thickness 0.95, Material Rubber

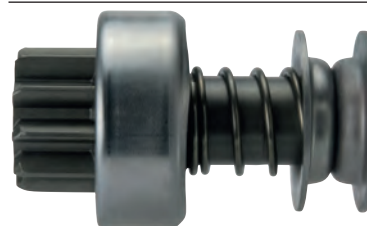

330583 Rubber Boot

Servicing: 1120215, 1140110, 1151641,
 1214371, 1387062, 1449615, 1450653,
 1541002, 1551240, 1S7U11000BA,
 1S7U11000BB, 1S7U11000BC
 ID 10.59, OD 36.00, Thickness 18.11

Drives

130535 Drive

Replacing: SD302, SD176, SD175, SD164,
 SD152, D6PZ11350B, D6PF11A108BA, D5A-
 F11350AA, C9HZ11350A, C9HZ10350A
 Servicing: C7AF11001B, C8VF11000A,
 C8VY11002C, C9AF11001A, D2AF11001ER,
 D5AF11001AB, D80F11001AA, E1AF11001BA
 ID 12.00, OD 25.10, OD/housing 46.25,
 Total length 72.00, Splines A 12,
 No./teeth 9, Rotation CR


130538 Drive

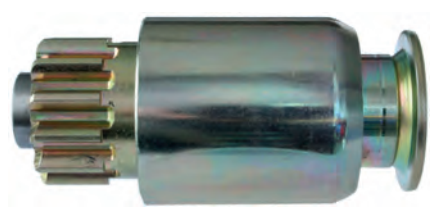
Replacing: C6TZ11350A
 Servicing: 30MT
 ID 14.30, OD 39.85, OD/housing 60.00,
 Total length 96.15, Splines A 3,
 No./teeth 10, Rotation CR


130539 Drive

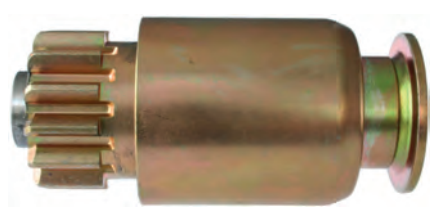
Replacing: D4HF11350BA, C9HE11350A,
 C8DF11350A, C3DE11350A, C2DZ11350A
 Servicing: 40MT, 42MT, 50MT, C3TF11000A,
 C3TZ11001A, C5TZ11002C, C6TF11001A
 ID 15.90, OD 56.50, OD/housing 58.00,
 Total length 120.40, Splines A 19,
 No./teeth 11, Rotation CR
 Bronze.
 Alternative no.: 130539Z



130539Z Drive
 Replacing: D4HF11350BA, C9HE11350A, C8DF11350A, C3DE11350A, C2DZ11350A
 ID 15.90, OD 56.50, OD/housing 58.25, Total length 120.40, Splines A 19, No./teeth 11, Rotation CR
 Alternative no.: 130539



131056 Drive
 Replacing: D4HF11350AA, C9WF11350C, C8TZ11350D, C8TZ11350B
 Servicing: 40MT, 42MT, 50MT, C8ZF11000C, D30Z11002A, D3TF11000CA
 ID 15.90, OD 46.20, OD/housing 57.65, Total length 120.40, Splines A 19, No./teeth 12, Rotation CR



131770 Drive
 Replacing: SD180, C8WF11350A, C8T-Z11350A
 Servicing: 40MT, C8TF11000B, C8TZ11002A, EOHT11000AA, EOHT11000AB, EOZH11002A
 ID 15.90, OD 49.20/1.937", OD/housing 58.00, Total length 120.40/4.740", Splines A 19, No./teeth 13, Rotation CR

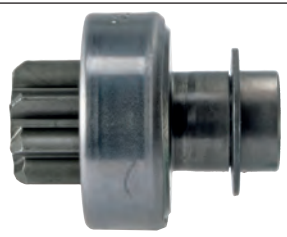


131986 Drive
 Replacing: SD499
 ID 12.40, OD 28.00, OD/housing 46.25, Total length 60.00, Splines A 10, No./teeth 8, Rotation CR

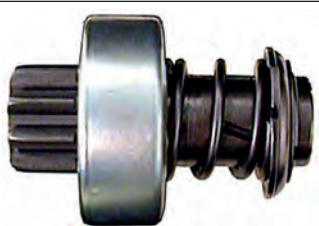
CAR GO Best Choice



132005 Drive
 Replacing: SDE349, SDE332, F4BZ11350A, E7GZ11350A
 ID 12.00, OD 28.20, OD/housing 45.50, Total length 56.00, Splines A 8, No./teeth 8, Rotation CR
 Alternative no.: 132005Z



132005Z Drive
 Replacing: SDE349, SDE332, F4BZ11350A
 ID 12.00, OD 28.00, OD/housing 46.20, Total length 55.65, Splines A 8, No./teeth 8, Drive type Steel, Rotation CR
 Alternative no.: 132005



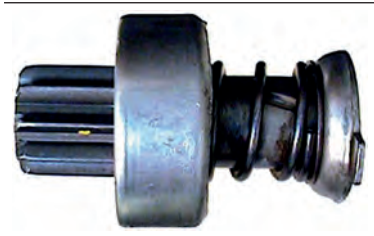
132751 Drive
 Replacing: SD320, E2PZ11350A, E2BZ11350A
 ID 12.00, OD 25.30, OD/housing 48.00, Total length 70.15, Splines A 4, No./teeth 9, Rotation CR



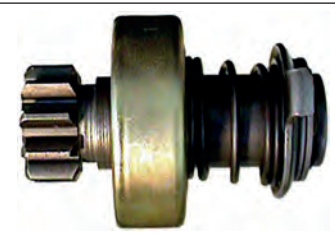
133507 Drive
 Replacing: E6HZ11350A
 Servicing: 37MT
 ID 14.35, OD 39.50/1.555", OD/housing 60.00, Total length 99.00/3.898", Splines A 3, No./teeth 10, Rotation CR



133854 Drive
 Replacing: SD303, C8JS11350A
 Servicing: 28MT
 ID 14.00, OD 32.00, OD/housing 60.00, Total length 85.00, Splines A 12, No./teeth 10, Rotation CR
 w/ rubber seal.



133864 Drive
 Replacing: D6FF11350AA, C9FF11350B, C9FF11350A, C6FF11350B, C6FF11350A
 ID 12.00, OD 25.80, OD/housing 46.20, Total length 77.00, Splines A 12, No./teeth 9, Rotation CR



133887# Drive
 Replacing: 79AB11350AA
 Servicing: 79AB11000BB, 79AB11000BC, 79AB11000BO, 81AB11000EA, 81AB11000GB
 ID 12.00, OD 26.65, OD/housing 47.65, Total length 67.85, Splines A 4, No./teeth 10, Rotation CR



134918 Drive
 Replacing: SDE350, SDE334, F4BZ11350B, EBBZ11350A
 ID 12.00, OD 28.00, OD/housing 46.00, Total length 56.20, Splines A 8, No./teeth 8, Rotation ACR


136633 Drive

Replacing: SD357, SD337, F90Z11350A, F5DZ11350A, E90Z11350A, E90Z11350A, E5DZ11350A

Servicing: 1057661, 1076141, 1085273, 1151642, 1205240, 1367529, 1379703, 1388569, 1525795, 1X4U11000AA, 2S7T11000AA, 2S7T11000AB

ID 12.00, OD 27.65, OD/housing 46.35, Total length 46.55, Splines A 12, No./teeth 10, Rotation CR


138209 Drive

Replacing: XS6411350AA, SD353, SD-353, F5RU11350RA, F3RZ11350A, 53R211350A

Servicing: 1057652, 1057654, 1058429, 1061458, 1073093, 1087280, 1104965, 1118336, 1126987, 1133994, 1151216, 1250901, 1345314

ID 12.00, OD 26.80, OD/housing 46.00, Total length 47.00, Splines A 12, No./teeth 10, Rotation CR


139341 Drive

Servicing: 1024508, 1027928, 1059179, 1073108, 1093471, 1105310, 5026497, 97VB11000AA, 97VB11000AB, 97VB11000BA, 98VB11000AA

ID 12.00, OD 46.60, OD/housing 45.50, Total length 47.25, Splines A 12, No./teeth 13, Rotation CR
Alternative no.: 139341ZZ


139341ZZ Drive

Replacing: F7RUK614, 139341ZZ, 10670F7RU, 106688

ID 12.00, OD 45.70, OD/housing 45.35, Total length 46.90, Splines A 12, No./teeth 13, Drive type Steel, Rotation CR
Alternative no.: 139341


139710 Drive

Replacing: F5BU11350AA

Servicing: 1027772, 95FB11000BB, 95FB11000BC, 95FB11000BD, 95FB11000BG

ID 12.00, OD 54.00, OD/housing 48.20, Total length 51.35, Splines A 10, No./teeth 23, Rotation CR
Alternative no.: 139710Z


139710Z Drive

Replacing: F5BU11350AA

ID 12.00, OD 54.00, OD/housing 48.20, Total length 51.35, Splines A 10, No./teeth 23, Rotation CR
Alternative no.: 139710


231960 Drive

Replacing: SD341, F2VY11350A

Servicing: 1140757, 1144505, 1350459, 1368974, 1483817, 2S6U11000EA, 2S6U11000EB, 2S6U11000EC, 2S6U11000ED, 2S6U11000EE

ID 12.00, OD 31.70, OD/housing 46.35, Total length 47.00, Splines A 12, No./teeth 12, Rotation CR


231961 Drive

Replacing: SD340, F0FZ11350A

Servicing: 1387091, 1387092, 1480550, 6G9N11000BB, 6G9N11000EB, 6G9N11000EC, FOCF11000AA, FOCU11000AA, SA-779

ID 12.00, OD 29.50, OD/housing 46.25, Total length 47.00, Splines A 12, No./teeth 9, Rotation CR


231962 Drive

Replacing: SD327, E6FZ11350A, E6EF11350AA

Servicing: E3FZ11002A, E6EF11001A, E6FZ11002A

ID 12.00, OD 27.80, OD/housing 46.30, Total length 71.65, Splines A 12, No./teeth 10, Rotation CR


231967 Drive

Replacing: D2058

Servicing: SD205, -255

ID 12.00, OD 25.00, OD/housing 43.35, Total length 73.00, Splines A 3, No./teeth 9, Rotation CR


233830 Drive

Servicing: 1120215, 1140110, 1151641, 1214371, 1387062, 1449615, 1450653, 1541002, 1551240, 1S7U11000BA, 1S7U11000BB, 1S7U11000BC

ID 12.00, OD 38.00/1.56", OD/housing 49.00, Total length 48.00/1.89", Splines A 12, No./teeth 12, Rotation ACR
Alternative no.: 233830Z



233830Z Drive
 ID 12.00, OD 37.40, OD/housing 45.20,
 Total length 47.30, Splines A 12,
 No./teeth 12, Drive type Steel,
 Rotation ACR
 Alternative no.: 233830



234135 Drive
 Servicing: 1120214, 1140111, 1218885,
 1251700, 1300504, 1325943, 1366473,
 1366986, 1379702, 1465010, 1477482,
 1478129, 1525794
 ID 12.00, OD 34.20, OD/housing 45.35,
 Total length 46.65, Splines A 6,
 No./teeth 11, Rotation CR
 Alternative no.: 234135Z



234135Z Drive
 ID 12.00, OD 34.10, OD/housing 45.15,
 Total length 47.10, Splines A 6,
 No./teeth 11, Drive type Steel,
 Rotation CR
 Alternative no.: 235135



234773 Drive
 Servicing: F8RU11000AA
 ID 12.00, OD 38.00, OD/housing 48.60,
 Total length 47.00, Splines A 12,
 No./teeth 12, Rotation CR



234861 Drive
 Replacing: 1C3U10350AB
 Servicing: 1C2411000AA, 1C2Z11002AA,
 1C3U11000AA, 1C3U11000AB, 1C3U11000AC,
 1C3U11000AD, 1C3U11000AE, 1C3Z11002AA,
 2C2411000AA
 OD 37.30, Total length 115.70,
 No./teeth 12, Rotation CR



235199 Drive
 Servicing: 1063999, 1064000, 1237323,
 98AB11000BB, 98AB11000BC, 98AB11000BD,
 98AB11000CB, 98AB11000CC, 98AB11000CD,
 YS4U11000AA
 ID 12.00, OD 26.70, OD/housing 45.00,
 Total length 57.50, Splines A 6,
 No./teeth 10, Rotation CR



235624 Drive
 Replacing: C1AZ11350A
 ID 16.00, OD 29.20, OD/housing 53.00,
 Total length 137.00, No./teeth 9,
 Rotation ACR



236876 Drive
 Servicing: 1229427, 1231963, 1233234,
 1254222, 1351989, 1368970, 1376305,
 1385784, 1465115, 1469712, 1469721,
 3M5T11000CB
 ID 12.01, OD 35.60/1.36", OD/housing 48.65,
 Total length 47.00/1.85", Splines A 12,
 No./teeth 11, Rotation CR
 Alternative no.: 333867



333867 Drive
 Servicing: 1229427, 1231963, 1233234,
 1254222, 1351989, 1368970, 1376305,
 1385784, 1465115, 1469712, 1469721,
 3M5T11000CB
 ID 12.00, OD 35.60, OD/housing 45.00,
 Total length 47.00, Splines A 12,
 No./teeth 11, Drive type Steel,
 Rotation CR
 Alternative no.: 236876

Drive Parts

Caps

Pkg. 25



139990 Dp Cap
 ID 43.80, OD 45.60

Rollers

Pkg. 500



134300 Dp Rollers
 OD 6.35, Length 12.25

Pkg. 100



137816 Dp Rollers
 OD 6.35, Length 10.95

Pinion

231456

Pinion

Replacing: SZE888, F4TZ11363A
 Servicing: F4PU11000AA, F4TZ11002B
 ID 13.45, OD 37.15, Height 17.75,
 No./splines 20, No./teeth 12

Washers

Pkg. 5


234048[#]

Lever Support

ID 21.60, OD 42.85, Thickness 8.85,
 Material Plastic

Planet Gears

235726

Planet Gear

Servicing: 1120215, 1140110, 1151641, 1214371,
 1387062, 1449615, 1450653, 1541002, 1551240,
 1S7U11000BA, 1S7U11000BB, 1S7U11000BC
 Shaft dia./middle 11.92, Total length 108.10,
 No./splines 12, Rotation ACR

237510

Planet Gear

Servicing: 1231963, 1351989, 1376305,
 1385784, 1465115, 1469721, 1476606, 1477974,
 2T1411000CB, 2T1411000CC, 3M5T11000DB
 Total length 109.30, No./splines 12


238851

Planet Gear

Servicing: 1133994, 1S4U11000AA, 1S4U-
 11000AB, 98AB11000AD
 Shaft dia./middle 11.92, Total length 108.00,
 No./splines 12, Rotation CR
 Brush set: HC-CARGO 142006.

Gear Parts
Gear Shafts

136637

Gear Shaft

Replacing: F0TZ11355H, F0TZ11355A
 Servicing: 1057652, 3852582, 5029143,
 6775703, 6775704, 93BB11000HB, 93BB11000JB,
 93BB11000KA, 93BB11000KB, E90F11000AA
 OD/shaft 19.00,
 Total length 107.00/4.21", No./splines 12
 Armature: HC-CARGO 136634.


230743

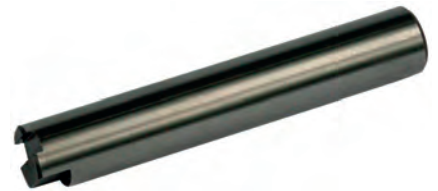
Gear Shaft

Replacing: F7RU11A160AB, F1RU11A160AB
 Servicing: 97VB11000AA, 97VB11000AB,
 98VB11000B1A, 98VB11000B3A, 98VB-
 11000BA, 98VB11000BBB
 OD/shaft 17.45, Total length 104.30,
 No./splines 12


231139

Gear Shaft

Servicing: F7PU11000BA, F7PZ11002BA
 Total length 103.50 (4.07"), No./splines 12
 Armature: HC-CARGO 231138.


231143

Gear Shaft

Replacing: F5RZ11A201A
 Servicing: 1057661, 1076141, 1085273,
 1120215, 1140110, 1151641, 1151642, 1197912,
 1205240, 1209193, 1214371, 1233277, 1367529
 Total length 84.70


237509

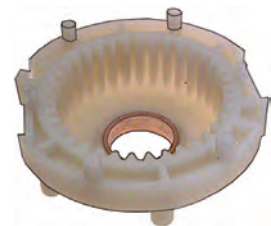
Gear Shaft

Servicing: 1231963, 1351989, 1385784, 1465115,
 1469721, 2T1411000CB, 2T1411000CC, 3M5T-
 11000DB, 3M5T11000DC, 4424968, 4M5T11000FA
 OD/shaft 11.90, Total length 103.60,
 No./splines 12


238919

Gear Shaft

Servicing: 1S7U11000BA, 1S7U11000BB,
 1S7U11000BC, 1S7U11000DA, 1S7U11000DB,
 YC1U11000AB, YC1U11000AC
 OD/shaft 11.92, Total length 103.30,
 No./splines 12

Outer Gear

136638

Outer Gear

Replacing: SM476, F7RU11165CA, E90-
 Z11A165A, E90Z11A165A
 Servicing: 1057652, 1057654, 1057661, 1058429,
 1073093, 1076141, 1085273, 1087280, 1118336,
 1126987, 1367529, 1X4U11000AA, 3852582
 ID 46.87, OD 72.35, Height 30.40,
 No./teeth 37



Pkg. 5

231347 Outer Gear
 Replacing: F7RU11A165CA, F7RE11A165CA
 Servicing: 97BB11000BC, 97VB11000AA, 97VB11000AB, 98AB11000AC, 98VB-11000B1A, 98VB11000B3A
 ID 52.10, OD 72.28, Height 32.70
 w/o needle bearing: HC-CARGO 140920. w/ bushing: HC-CARGO 234664.

Pkg. 5



234664 Outer Gear
 ID 47.40, OD 72.30, Height 33.33, No./teeth 37

Gear Covers

Pkg. 5



234956 Gear Cover
 Servicing: 1231963, 1351989, 1376305, 1385784, 1469721, 1S7U11000BA, 1S7U11000BB, 1S7U11000BC, 2S7T11000DA, 3M5T11000DB

Gear Wheels

Pkg. 10



136641 Gear Wheel
 Replacing: E90Z1K190A, E90Z11K190A, E90F11A67AA
 ID 6.50, OD 19.40, Height 8.70, No./teeth 13
 w/ needle bearing. Version w/bushing: HC-CARGO 231154.



Pkg. 10

231154 Gear Wheel
 Replacing: F0FZ11K190A
 ID 6.00, OD 19.40, Height 8.80, No./teeth 13
 w/ bushing. Version w/ needle bearing: HC-CARGO 136641.

Pkg. 10



235377 Gear Wheel
 Servicing: 1063999, 1064000, 1067622, 1120214, 1140111, 1140757, 1144505, 1218885, 1350459, 1368974, 1465010, 1477973, 1483817
 ID 10.00, OD 23.50, No./teeth 18

Pkg. 10



235592 Gear Wheel
 Servicing: 1231963, 1351989, 1376305, 1385784, 1469721, 1S7U11000BA, 3M5T-11000DB, 3M5T11000DC, 4M5T11000FA, 4M5T11000FB
 OD 57.80, Height 11.00, No./teeth 37

Gear Plates

Pkg. 10



136640 Gear Plate
 Replacing: E90Z11A167A
 Servicing: 1057652, 1057654, 1057661, 1058429, 1073093, 1076141, 1085273, 1087280, 1118336, 1126987, 1231963, 1351989, 1367529
 ID 18.30, OD 67.30, Thickness 1.15

Various

Pkg. 5



230896 Gasket
 Servicing: 1551240, 97VB11000AC, 97VB11000BC
 ID 51.45, OD 62.70, Thickness 0.65

Pkg. 5



231146 Retainer
 Servicing: 1057654, 1057661, 1067622, 1076141, 1085273, 1087280, 1120214, 1140111, 1140757, 1144505, 1218885, 1350459, 1367529
 ID/housing 13.80, OD/housing 16.00, Thickness 1.25
 Shaft: HC-CARGO 136637.

Pkg. 5



231147 Retainer
 Servicing: 1057652, 1063999, 1064000, 1231963, 1351989, 1376305, 1385784, 1469721, 3M5T11000DB, 3M5T11000DC, 4M5T11000FA
 Thickness 1.00, Material Steel
 Shaft: HC-CARGO 231139.

Pkg. 5



231150 Washer
 ID 19.00, OD 36.50, Thickness 0.25, Material Steel



231377 Gear
 Replacing: F5RZ11A198A
 Servicing: 1057661, 1076141, 1085273, 1151642, 1197912, 1205240, 1209193, 1233277, 1367529, 1386127, 1388569, 1X4U11000AA
 ID 22.00, OD 51.64/2.033", Height 51.64/2.033", No./teeth 22



234504 Gear
 Servicing: 1120215, 1140110, 1151641, 1214371, 1387062, 1449615, 1450653, 1541002, 1551240, 1S7U11000BA, 1S7U11000BB, 1S7U11000BC
 ID 14.30, OD 54.30, Height 46.20, No./splines 19, No./teeth 19 w/ bushing.



234957 Washer
 ID 22.50, OD 43.00, Thickness 2.60, Material Nylon

Levers

Pkg. 5



132808 Lever
 Replacing: 84AB11067AB
 Servicing: 0018882, 1007765, 1008795, 1008836, 1008838, 1011330, 1011331, 1018882, 1018883, 1030151, 1032666, 1059564, 1072156
 Dist. 41.40, Length 86.50
 Alternative no.: 333537



135468 Lever
 Replacing: F4XY11067A
 Servicing: F3Z211002B
 Dist. 36.30, Length 74.00



135777 Lever
 Manufacturer: Bosch
 Replacing: 82GB11037AB
 Servicing: 1061267, 1229425, 82GB11000CA, 82GB11000EA, 83BB11000DA, 85GB11000FA, 86AB11000BA, 86BB11000EA, 86GB11000AA
 Dist. 40.35, Length 92.70

Pkg. 5



136636 Lever
 Replacing: F75U11070AA, E90Z11067A
 Servicing: 1024508, 1027928, 1057652, 1057654, 1057661, 1058429, 1059179, 1061272, 1061458, 1063999, 1064000, 1067622, 1073093
 Dist. 44.50, Length 84.35



234680 Lever
 Servicing: 2S7T11000DA, YC1U11000AC, YC1U11000AD, YC1U11000AE
 Dist. 35.35, Length 62.40



333537 Lever
 Manufacturer: Bosch
 Replacing: 84AB11067AB
 Dist. 43.80, Length 89.80
 Alternative no.: 132808

Lever Parts

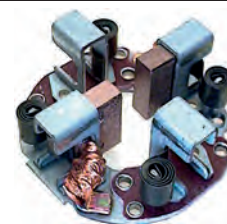
Various

Pkg. 10



232856 Lever Support
 ID 21.50, OD 42.80, Thickness 11.30, Material Plastic

Brush Gears



133338 Brush Gear
 Replacing: E5TZ11049A
 OD 71.50
 Neg. brushes. Brush set: HC-CARGO 140388.



133339 Brush Gear
 Replacing: SBE324, E5PF11434AA, E5P-F11061A
 Servicing: E8TF11000AA, F3TU11000AA
 12 V, OD 75.75
 Brush set: HC-CARGO 140388. Brush spring: HC-CARGO 135201.



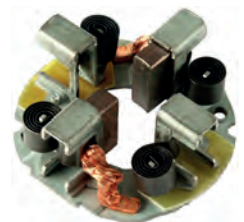
135467 Brush Gear
 Replacing: SBE345, SBE334, SBE325, F4BZ11061A, E7GZ11061A
 12 V, OD 74.00
 Neg. brushes. Brush set: HC-CARGO 140349.



136635 Brush Gear
 Replacing: SB356, SB353, SB348, SB337, SB335, SB331, F3RZ11061A, E9OZ11061C, E9OZ11061B, E9OZ11061A
 Servicing: 1057652, 1057654, 1057661, 1061272, 1076141, 1085273, 1087280, 1367529, 1X4U11000AA, 3852582, 4X4U-11000AB, 4X4U11000AC
 OD 68.40



230741 Brush Gear
 Replacing: F7RU11434BA
 Servicing: 1024508, 1027928, 1058429, 1059179, 1073093, 1073108, 1093471, 1105310, 1118336, 1120215, 1126987, 1133994, 1140110
 12 V, OD 72.25
 Brush set: HC-CARGO 140955.
 Alternative no.: 333651



231460 Brush Gear
 Replacing: SBE351, F4TZ11091A, F4T-Z11061A
 12 V, OD 69.80
 Neg. brushes. Brush set: HC-CARGO 140388.



232670 Brush Gear
 Replacing: F81U11434AA
 Servicing: F81Z11002AA, XL1Z11002AA, XW4U11000CG, XW4Z11000CG, XW4Z11002CG
 OD 72.60



233406 Brush Gear
 Servicing: 1057654, 1087280, 3852582, 5029143, 6775704, 93BB11000JB, 93BB11000JC, F07U11000BA, F0TZ11002B, R93BB11000JB
 OD 19.40



234062 Brush Gear
 Servicing: 1061458, 1063999, 1064000, 1067622, 1104965, 1120214, 1140111, 1140757, 1144505, 1151216, 1151642, 1197912, 1205240
 12 V, OD 60.80
 Brush set: HC-CARGO 140975.

Brush Gear Parts

Brush Springs

Pkg. 10



132741 Brush Spring
 Replacing: D1AZ11059A
 Servicing: 4½" DD, C7AF11001B, D5A-F11001AB
 OD 15.65, Length 30.80

Pkg. 10



132742 Brush Spring
 Replacing: MS519, D8AF11059A, D7AZ11059A
 Servicing: 4", 4½" DD
 Length 30.50

Pkg. 4



137526 Brush Spring
 Servicing: 1061272, 4X4U11000AC, 7041784, 98AB11000EC
 Length 18.50

Various

Pkg. 10



231141 Screw
 Servicing: 1061272, 1477974, 1S4U11000AB, 4X4U11000AC, 7041784, 97BB11000B3D, 98AB11000EC
 Thread M5, Total length 14.50

Pkg. 5



233407# Insulator
 Servicing: 1061272, 98AB11000EC

Brush Sets

140509 Brush Set

Servicing: M80R, 5026489, 89AB11000BA, 89BB11000CA, 91AB11000GA, 91BB11000MA, 91BX11000MA, F91BB11000MA
 12 V, Length 19.80, Lead length 33.50, Height 9.40, Thickness 6.80
 w/o brush bar: HC-CARGO 140765.


140548 Brush Set

Replacing: E4FF11055AA, D8AF11056AA, D8AF11055BA, D7AZ11057A
 Servicing: D80F11001AA, E1AF11001BA
 12 V, Length 13.00, Lead length 76.00, Lead length 2 38.50, Height 19.20, Thickness 8.80


140845 Brush Set

Servicing: 1057652, 1057654, 1057661, 1061272, 1076141, 1085273, 1087280, 1367529, 1X4U-11000AA, 3852582, 4X4U11000AB, 4X4U11000AC
 12 V, Length 14.00, Lead length 82.00, Lead length 2 34.50, Height 16.00, Thickness 4.60


140955 Brush Set

Replacing: F7RU11056AB, 140955
 Servicing: 1024508, 1027928, 1059179, 1073108, 1093471, 1105310, 1120215, 1140110, 1151641, 1214371, 1387062, 1450653, 1480550
 12 V, Length 18.20, Lead length 34.00, Height 19.00, Thickness 8.40
 w/ brush bar: HC-CARGO FX74-78 3.


140975 Brush Set

Servicing: 1061458, 1063999, 1064000, 1067622, 1104965, 1120214, 1140111, 1140757, 1144505, 1151216, 1151642, 1197912, 1205240
 12 V, Length 14.00, Lead length 26.00, Height 13.00, Thickness 6.00
 Alternative no.: B140975


141186 Brush Set

12 V, Length 14.00, Lead length 34.50, Lead length 2 30.00/33.00, Height 16.00, Thickness 4.50


141187 Brush Set

Servicing: E90F11000AA, E90F11000BA
 12 V, Length 14.00, Lead length 33.50, Lead length 2 79.50, Height 16.00, Thickness 4.60


141188 Brush Set

12 V, Length 14.00, Lead length 35.00, Lead length 2 85.00, Height 16.00, Thickness 4.60


141248 Brush Set

Servicing: 1063999, 1064000, 98AB11000BB, 98AB11000BC, 98AB11000BD, 98AB11000CC, 98AB11000CD, YS4U11000BB
 12 V, Length 12.50, Lead length 100.00, Lead length 2 25.00, Height 13.00, Thickness 6.00


142348 Brush Set

Servicing: 1551240
 Length 18.00, Lead length 33.00, Height 19.20, Thickness 8.40


FX412/1P Brush Set

Replacing: C5AF11055A, CODZ11057B, CODZ11057A, 1811057, 1811056
 Servicing: C7AF11001B, D5AF11001AB
 12 V, Length 13.00, Lead length 51.75, Height 19.20, Thickness 8.80


FX76-774 Brush Set

Replacing: 1C3U11056BA, 1C3U11056AA
 12 V, Length 18.20, Lead length 53.00, Lead length 2 34.00, Height 18.90, Thickness 8.20

Brushes



B140975 Brush
 Replacing: B140975
 Servicing: 1120214, 1140111, 1140757, 1144505, 1218885, 1345314, 1465010, 1525795, 1535628, 3S4T11000AC, 4542546, 98AB11000CB
 12 V, Length 14.00, Lead length 26.00, Height 13.00, Thickness 6.00
 Alternative no.: 140975

Pkg. 100

Bushings



140188 Bushing
 Replacing: MC3, MC244, MC220, D3AZ11052A, D0AF11052A, C4TZ11052A
 Servicing: D5AF11001AB
 ID 15.96, OD 19.11, Length 11.90

Pkg. 5



140189 Bushing
 Replacing: MC12, CODZ11135A
 Servicing: C7AF11001B
 ID 12.05, OD 13.18, Length 18.40

Pkg. 5



140192 Bushing
 Replacing: MC209, MC206, D0AZ11135A
 ID 12.00, OD 15.10, Length 10.50

Pkg. 5



140193 Bushing
 Replacing: MC93, C2DH11052A, C2DF11052A
 ID 15.90, OD 17.50, Length 14.20

Pkg. 5



140264 Bushing
 Replacing: B11052
 ID 16.27, OD 19.15, Length 15.00
 Alternative no.: B140264

Pkg. 10



140467 Bushing
 Replacing: C2DF11135A
 ID 12.01, OD 13.11, Length 15.60

Pkg. 10



140553 Bushing
 Servicing: C7AF11001B, D80F11001AA, E1AF11001BA
 ID 15.90, OD 19.10, Length 15.20

Pkg. 5



140555 Bushing
 Replacing: MCE439
 Servicing: F32Z11002B
 ID 10.03, OD 14.00, Length 12.50
 Alternative no.: B140555

Pkg. 10



140758 Bushing
 Replacing: MCE444, FOJY11135A
 ID 19.06, OD 22.55, Length 14.00
 Alternative no.: B140758

Pkg. 10



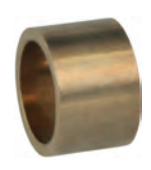
140842 Bushing
 Replacing: MC442, E90Z11135A
 Servicing: 1057652, 1058429, 1073093, 1118336, 1126987, 1231963, 1351989, 1376305, 1385784, 1469721, 3852582, 3M5T11000DB
 ID 10.07, OD 13.97, Length 10.00

Pkg. 10



140843 Bushing
 Servicing: 1057652, 1057654, 1057661, 1058429, 1061458, 1063999, 1064000, 1067622, 1073093, 1076141, 1085273, 1087280, 1104965
 ID 19.00, OD 22.30, Length 6.30

Pkg. 10



140844 Bushing
 Replacing: MC209A, D0AF11135B
 Servicing: 1057652, 1057654, 1057661, 1061272, 1076141, 1085273, 1087280, 1367529, 1X4U11000AA, 3852582, 4X4U-11000AB, 4X4U11000AC
 ID 12.04, OD 15.13, Length 10.20

Pkg. 10

Pkg. 10


140987 Bushing

Servicing: 1058429, 1073093, 1118336,
 1126987, 1133994, 1231963, 1351989, 1376305,
 1385784, 1387092, 1465115, 1469721, 1476606
 ID 8.12, OD 12.45, Length 10.00
 Alternative no.: B140987

Pkg. 10


140991 Bushing

Servicing: 1061458, 1063999, 1064000,
 1067622, 1104965, 1120214, 1140111, 1151216,
 1151642, 1205240, 1218885, 1229427, 1233234
 ID 7.06, OD 11.99, Length 10.00
 Alternative no.: B140991

Pkg. 10


141074 Bushing

Servicing: 1057654, 1057661, 1076141,
 1085273, 1087280, 1367529, 1X4U11000AA,
 4X4U11000AB, 93BB11000HC, 93BB11000JC,
 93BB11000KC
 ID 10.00, OD 13.95, Length 8.55

Pkg. 10


141075 Bushing

Replacing: MC445, F2TZ11135A
 Servicing: 1067622, 96FB11000MA,
 96FB11000MB, 96FB11000MC, 96FB11000MD,
 96FB11000ME, E98F11000AA, E98F11000BA,
 E9SF11000AA
 ID 12.00, OD 16.00, Length 10.05

Pkg. 10


141076 Bushing

Servicing: 1057661, 1076141, 1085273,
 1197912, 1209193, 1233277, 1367529,
 1386127, 1X4U11000AA, 3S7T11000AA,
 3S7T11000AB
 ID 14.35, OD 17.26, Length 12.50

Pkg. 10


141129 Bushing

Replacing: B9AF11135A, B9AF-11135-A
 ID 15.95, OD 20.68, Length 17.30

Pkg. 10


141222 Bushing

Servicing: 1120215, 1140110, 1151641,
 1214371, 1387062, 1449615, 1450653,
 1541002, 1S7U11000BA, 1S7U11000BB,
 1S7U11000BC
 ID 14.43, OD 17.31, Length 13.20

Pkg. 10


142014 Bushing

Servicing: 1140757, 1144505, 1197912,
 1209193, 1233277, 1237323, 1345314,
 1350459, 1368974, 1386127, 1477973,
 1483817, 2S6U11000EA
 ID 7.00, OD 11.95, Length 8.50

Pkg. 10


142084 Bushing

Servicing: 1120215, 1140110, 1151641,
 1214371, 1387062, 1450653, 1S7U11000BA,
 1S7U11000BB, 1S7U11000BC, 2S7T11000DA,
 2S7T11000DB
 ID 14.31, OD 19.10, Length 12.50

Pkg. 10


332864 Bushing

Servicing: 1542468
 ID 12.08, OD 15.55, Length 5.50
Mandrel YAAT00013 has to be used.

Pkg. 100


B140987 Bushing

Replacing: 140987
 Servicing: 1477974, 1S4U11000AB,
 6G9N11000GB
 ID 8.12, OD 12.45, Length 10.00
 Alternative no.: 140987

Pkg. 100


B140991 Bushing

Replacing: 140991
 Servicing: 3S4T11000AB, 3S4T11000AC,
 4542546
 ID 7.06, OD 11.99, Length 10.00
 Alternative no.: 140991

Bearings

Needle Bearings

Pkg. 10



140242 Needle Bearing

Replacing: MC189A, E4FZ11135A, D6AZ11135A, D6AF11448AA, C6VY11135A, C6VF11135A

Servicing: PMGR SERIES, M78, M79, 1027772, 1057652, 1057654, 1057661, 1058429, 1061267, 1061272, 1073093, 1076141, 1085273
ID 12.00, OD 16.00, Height 10.00

Pkg. 10



140620 Needle Bearing

Replacing: E90F11448BA

Servicing: 1008838, 1011331, 1018883, 1030151, 1057652, 1057654, 1057661, 1063999, 1064000, 1067622, 1076141, 1085273, 1087280
ID 6.00, OD 10.00, Height 8.00, Lock ring w/o, Oil seals w/o, Teflon ring w/o

Pkg. 5



140920 Needle Bearing

Servicing: F8RU11000AA

ID 17.46, OD 22.23, Height 9.40

Pkg. 10



141209 Needle Bearing

Servicing: 1120215, 1140110, 1151641, 1197912, 1209193, 1214371, 1233277, 1386127, 1387062, 1449615, 1450653, 1541002, 1S7U11000BA

ID 14.29 (9/16"), OD 19.05 (3/4"), Height 12.70 (1/2")

Repair Kits



136250 Repair Kit

Replacing: F1DU10576A

Sundry Parts

Thru Bolts

Pkg. 10



230795 Through Bolt

Replacing: N807790S36B

Total length 5.00 (7/8"), Length/rear collar 149.20, Thread length 15.00/16", Thread size 10-24 UNC

Pkg. 2



231144 Through Bolt

Servicing: 1057661, 1076141, 1085273, 1367529, 1X4U11000AA, 4X4U11000AB, 4X4U11000AC, 7041784, 93BB11000KA, 93BB11000KB

Total length 141.30, Thread size M6, Thread size/rear M5

Various

Pkg. 10



135574 Steel Ball

Replacing: MCE443, E90Z11A172A

Servicing: 1024508, 1027928, 1057652, 1057654, 1057661, 1058429, 1059179, 1061458, 1063999, 1064000, 1067622, 1073093, 1073108
OD 6.35, Material Steel

Pkg. 10



136639 Rubber Seal

Servicing: 1551240, 1S4U11000AB, 4X4U11000AC, 7041784, 97BB11000B3D, YS4U11000AD

Pkg. 10



137527 Retainer

Servicing: 1024508, 1027928, 1057652, 1057654, 1057661, 1058429, 1059179, 1061458, 1063999, 1064000, 1067622, 1073093, 1073108

ID/housing 12.00, OD/housing 17.80, Thickness 3.40, Material Steel

Pkg. 10

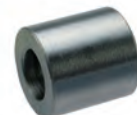


137528 Stop Collar

Servicing: 1024508, 1027928, 1057652, 1057654, 1057661, 1058429, 1059179, 1061272, 1061458, 1063999, 1064000, 1067622, 1073093

ID 10.50, OD 15.60, Height 2.70

Pkg. 10



139648# Spacer

Replacing: E4TZ11N004A

ID 6.70, OD 12.60, Height 12.80

Pkg. 5


231149 Tension Pin

Servicing: 1551240, 3S7T11000AC,
3S7T11000AD, 4X4U11000AC, 7041784
OD 3.97, Length 22.22


232945# Gasket

Replacing: SZ592, C2DF11065A, C2DF-
11065-A

Length 138.30, Thickness 1.60,
Width 80.75,

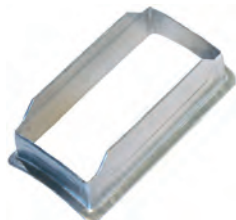
Pkg. 5


233010 Stop Collar

Replacing: C5AZ10A355A

Servicing: 30MT, 35MT

Used w/ retaining ring: HC-CARGO 233009.


233036# Retaining Sleeve

Replacing: C0DF11105A, C0DF-11105-A

Servicing: C7AF11001B, D80F11001AA

Pkg. 10


233408 Screw

Replacing: 387448-S100, 383338-S2

Servicing: 5MT, 10MT, D80F11001AA,
E1AF11001BA

Thread 10.32, Total length 41.00/64",

Thread length 1/2",

Head type Hex washer

w/ lock.

Pkg. 10


236907 Gasket

Servicing: 1120214, 1120215, 1140110,
1140111, 1151641, 1214371, 1218885,
1387062, 1449615, 1450653, 1465010,
1541002, 1551240

Thickness 4.90

Pkg. 10


239804 Gasket

Replacing: 1SU11000AD, 1SU11000AC

Servicing: 1120214, 1140111, 1218885,
1251700, 1300504, 1325943, 1366473,
1366986, 1379702, 1465010, 1477482,
1478129, 1525794

Thickness 5.00, Material Rubber

Bushings

Pkg. 10

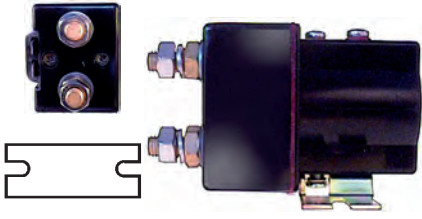


141141 Bushing

ID 20.50, OD 26.55, Length 11.90

Solenoids

24 V



138685 Solenoid

Replacing: SW80-753PEE

24 V, 100 Amp, B+ M8,

Total length 93.80, Height/B+ 20.25,

Coil bolt M8, Coil bolt 2 20.10,

No./terminals 4

Silver contact.

Armatures

12 V



132454 Armature

Replacing: 2114-91008, 2114-71108, 2114-71104, 2114-71005, 2114-31009

Servicing: S114-242, S114-254B, S114-254D, S114-255A, S114-257, S114-257G, S114-257H, S114-264, S114-268, S114-293, S114-338

12 V, 1.4 kW, Shaft length 167.20, Core thickness 52.90, No./teeth 11, Rotation CR/ACR



132456 Armature

Replacing: 2130-31002, 2130-1101

Servicing: S13-101, S13-105, S13-105A, S13-129, S13-529, S13-66, S13-66A, S13-69, S13-81

12 V, 2 kW, Shaft length 174.15, Core thickness 52.70, No./teeth 11, Rotation CR/ACR



132457 Armature

Replacing: 2130-7100, 2130-3100

Servicing: S13-06, S13-06A, S13-14, S13-15, S13-18, S13-24, S13-25, S13-27, S13-27A, S13-28, S13-31, S13-32, S13-32A, S13-55

12 V, 2.2 kW, Shaft length 300.00, Core thickness 74.50, No./splines 12, Rotation CR



132798 Armature

Replacing: 2130-91002, 2130-61003, 2130-51003, 2130-51002, 2130-4102, 2130-41004, 2130-31003, 2130-21003

Servicing: S13-100, S13-102, S13-104, S13-106A, S13-106B, S13-106C, S13-106E, S13-109, S13-109B, S13-111, S13-112, S13-113

12 V, 2.5 kW, Shaft length 188.00, Core thickness 52.70, No./teeth 11, Rotation CR/ACR

Alternative no.: F032132798

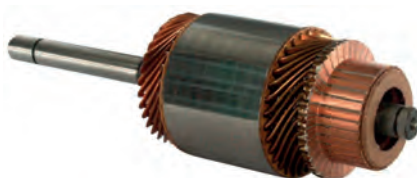


133031 Armature

Replacing: 2114-91001

Servicing: S114-146, S114-180, S114-180B, S114-180E, S114-180F, S114-180G, S114-218, S114-218A, S114-219, S114-230, S114-230A

12 V, 1.2/1.3 kW, Shaft length 205.70, Core thickness 64.90, No./splines 10, Rotation CR



133849 Armature

Replacing: 2114-71103

Servicing: S114-387, S114-396, S114-412, S114-614

12 V, 0.8 kW, Shaft length 207.00, Core thickness 60.00, No./splines 10, Rotation CR



134121 Armature

Replacing: 2114-91104, 2114-61106, 2114-61005, 2114-51106, 2114-51007

Servicing: S114-252F, S114-253B, S114-256B, S114-258C, S114-290, S114-290A, S114-290B, S114-296A, S114-322, S114-322A, S114-344

12 V, 1.2 kW, Shaft length 159.10, Core thickness 52.90, No./teeth 11, Rotation CR/ACR



135093# Armature

Replacing: 2114-81001

Servicing: S114-140, S114-141, S114-156, S114-160, S114-163, S114-163B, S114-163F, S114-208, S114-208B

12 V, 0.8 kW, Shaft length 234.68, Core thickness 52.40, No./splines 10, Rotation CR



135649 Armature

Replacing: 2114-61103

Servicing: S114-385, S114-629, S114-629A

12 V, 1 kW, Shaft length 207.00, Core thickness 64.90, No./splines 10, Rotation CR

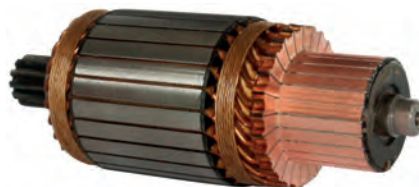


136248 Armature

Replacing: 2130-41003

Servicing: S13-107, S13-107A, S14-02, S14-100D, S14-100E

12 V, 2.5 kW, Shaft length 196.15, Core thickness 52.65, No./teeth 11



137092 Armature

Replacing: 2130-31004, 2130-11001

Servicing: S13-123, S13-33, S13-33A, S13-33B, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A, S13-41B, S13-41C, S13-45A

12 V, 2.5 kW, Shaft length 165.00, Core thickness 60.00, No./teeth 11, Rotation CR/ACR


137120 Armature

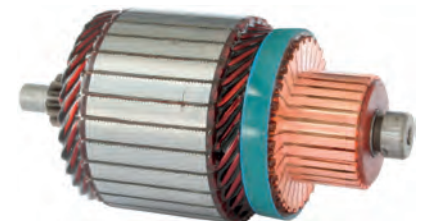
Replacing: 2114-61300, 2114-41100, 2114-4100
 Servicing: S114-850, S114-850A, S114-850B, S114-850C, S114-851, S114-851A
 12 V, 1.4 kW, Shaft length 144.80,
 Core thickness 50.60, No./teeth 9


137337# Armature

Replacing: 2114-11006
 Servicing: S114-232, S114-232A
 12 V, 1.2 kW, Shaft length 229.45,
 Core thickness 65.00, No./splines 10,
 Rotation CR


137948 Armature

Replacing: 2114-51300, 2114-21111, 2114-11111
 Servicing: S114-800, S114-800A, S114-800B, S114-800C, S114-801A, S114-801B, S114-801C, S114-801D, S114-801E, S114-802A, S114-804
 12 V, 1.4 kW, Shaft length 111.25,
 Core thickness 50.85, No./teeth 8,
 Rotation CR/ACR


138701 Armature

Replacing: 2114-31109, 2114-21100
 Servicing: S114-505A, S114-750, S114-753, S114-753C, S114-754A, S114-755, S114-762, S114-762A, S114-762B, S114-766, S114-766A
 12 V, 1.4 kW, Shaft length 109.85,
 Core thickness 55.45, No./teeth 10,
 Rotation ACR


138959 Armature

Replacing: 2114-71001, 2114-51005
 Servicing: S114-152, S114-155, S114-160A, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G, S114-160H, S114-161, S114-161B
 12 V, 0.8/1 kW, Shaft length 214.50,
 Core thickness 52.65, No./splines 10


230201 Armature

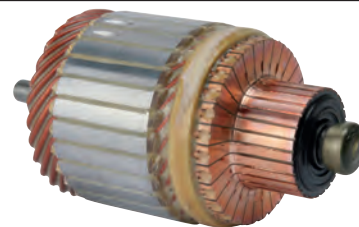
Replacing: 2114-11100
 Servicing: S114-651, S114-651A, S114-680
 12 V, 0.8 kW, Shaft length 186.55,
 Core thickness 57.85, No./splines 10,
 Rotation ACR


233886 Armature

Replacing: 2130-81004, 2130-61004
 Servicing: S13-112A, S13-114A, S13-200, S13-203, S13-204, S13-205, S13-205A, S13-205C, S13-205D, S13-205E, S13-205F, S13-207
 12 V, 2.3 kW, Shaft length 181.00,
 Core thickness 52.70, No./teeth 11,
 Rotation CR


234797 Armature

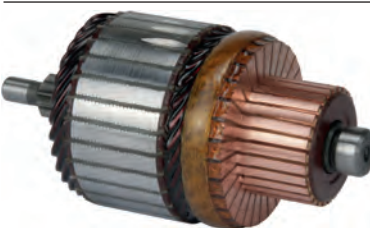
Replacing: 2114-51004, 2114-11109
 Servicing: S114-207, S114-370, S114-370A
 12 V, 1.2 kW, Shaft length 245.25,
 Core thickness 65.00, No./splines 10,
 Rotation CR


235337 Armature

Replacing: 2114-31200
 Servicing: S114-870, S114-871, S114-872, S114-874, S114-876, S114-876A, S114-878A, S114-878B, S114-883, S114-884, S114-890
 12 V, 1.7 kW, Shaft length 111.00,
 Core thickness 55.10, No./teeth 8,
 Rotation CR
 Alternative no.: F032235337


235632 Armature

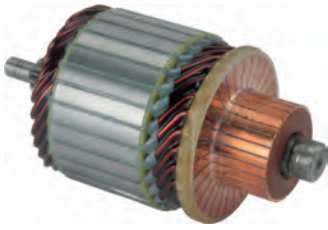
Replacing: GSB107-1100
 Servicing: GSB107-01, GSB107-01A, GSB107-04A, GSB107-04C, GSB107-06, GSB107-06E, GSB107-06F
 12 V, Shaft length 224.00,
 Core thickness 67.16
 22 A.


330156 Armature

Replacing: 2114-71300
 Servicing: S114-901, S114-901A, S114-901B, S114-902, S114-902A, S114-902B, S114-902C, S114-902E, S114-922A, S114-943A, S114-947
 12 V, 1 kW, Shaft length 103.05,
 Core thickness 50.62, No./teeth 8


333061 Armature

12 V, Shaft length 174.00,
 Core thickness 52.70, No./splines 11,
 Rotation CR



333778 Armature
12 V, Shaft length 111.00,
Core thickness 55.10, No./teeth 8

24 V



133056 Armature
Replacing: 2270-3100, 2250-71002, 2250-21001
Servicing: S25-110F, S25-110G, S25-110K, S25-110L, S25-110M, S25-115, S25-115A, S25-125A, S25-125B, S25-135A, S25-137B, S25-142
24 V, 3.5 kW, Shaft length 165.00,
Core thickness 60.00, No./splines 11,
Rotation CR/ACR



136189 Armature
Replacing: 2310-31001, 2210-31001
Servicing: S210-108, S210-90, S210-92
24 V, 5.5 kW, Shaft length 240.00,
Core thickness 74.50, No./teeth 12,
Rotation CR/ACR



138830 Armature
Replacing: 2240-2100
Servicing: S24-01C, S24-01D, S24-03A, S24-03B, S24-03C, S24-05A, S24-05B, S24-07, S24-08, S24-08A, S24-10, S24-11, S24-12, S24-13
24 V, 3/3.2/3.5 kW, Shaft length 196.00,
Core thickness 52.70, No./teeth 11,
Rotation CR



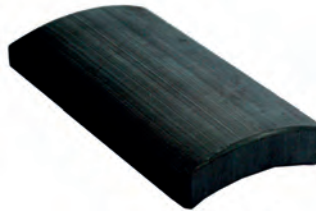
333059 Armature
Replacing: 2240-3100
Servicing: S25-161, S25-163A, S25-163B, S25-163C, S25-163E, S25-163F, S25-163G, S25-167
24 V, Shaft length 196.00,
Core thickness 52.70, No./teeth 11,

Yokes

Yoke Parts

Magnets

Pkg. 10



232997 Magnet
Servicing: S114-419A
Length 65.00, Height 8.60, Width 32.80,

Yokes w/ magnets

12 V



138505 Yoke
Replacing: 2114-72507, 2114-52100
Servicing: S114-800, S114-800A, S114-800B, S114-802A, S114-804, S114-804A, S114-805, S114-805A, S114-806, S114-806A, S114-808
12 V, 1.4 kW, OD/middle 67.85,
Length 60.55, Brush gear w/o,
Magnets w/



139788 Yoke
Replacing: 2114-82507
Servicing: S114-801A, S114-801B, S114-801C, S114-801D, S114-844, S114-844A, S114-850, S114-850A, S114-850B, S114-850C
12 V, 1.4 kW, OD/middle 67.90,
Length 60.60, Rotation ACR,
Brush gear w/o, Magnets w/

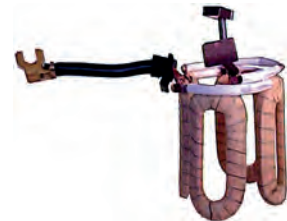
Field Cases



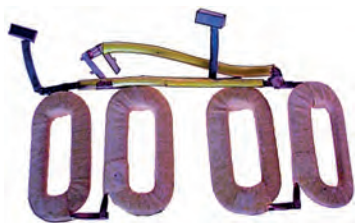
231489 Field Case
Servicing: S24-01B, S24-01C, S24-01D, S24-03A, S24-03B, S24-03C, S24-05A, S24-05B, S24-07, S24-08, S24-08A, S24-11, S24-12, S24-13
OD/middle 80.20, Length 92.20,
Brush gear w/o

Field Coils

12 V



135101 Field Coil
Replacing: 2130-92102, 2130-9210, 2130-82101, 2130-22102, 2130-12001
Servicing: S13-100, S13-102, S13-104, S13-106A, S13-106B, S13-106C, S13-106E, S13-109, S13-109B, S13-111, S13-112, S13-112A
12 V, 2 kW, Height 92.00,
Internal height 57.00, Inner width 16.75
Brush set: HC-CARGO 140567.


135874 Field Coil

Servicing: S114-257, S114-257G, S114-481, S114-481A, S114-483, S114-483A

12 V, 1.4 kW, Height 73.85, Width 179.70, Internal height 46.80, Inner width 14.45


139176 Field Coil

Replacing: 2130-62102

Servicing: S13-207, S13-207A, S13-207C, S13-212, S13-289, S13-289A, S13-294, S14-203

12 V, 170 Amp, 2 kW, Height 90.92, Internal height 56.70, Inner width 17.30, Rotation CR


231167# Field Coil

Replacing: 2130-22001

Servicing: S13-107, S13-107A, S14-02, S14-03

12 V, 2.5 kW, Height 93.00, Internal height 55.90, Inner width 16.80


234099 Field Coil

Replacing: 2130-8220, 2130-42101

Servicing: S13-33, S13-33A, S13-33B, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A, S13-41B, S13-45A, S13-45B, S13-46A

12 V, 1.8/2.5 kW, Height 90.00, Internal height 58.45, Inner width 21.00

24 V


134346 Field Coil

Replacing: 2250-92001, 2250-8205, 2250-82002, 2250-7210, 2250-72002, 2250-62002, 2250-5210, 2250-52002

Servicing: S24-64B, S24-64E, S25-110F, S25-110G, S25-110K, S25-110L, S25-110M, S25-125A, S25-125B, S25-128, S25-137B, S25-142
24 V, 3.5 kW, Height 82.55, Width 210.40, Internal height 56.70, Inner width 19.40

C.E. Brackets


137836 C.E. Bracket

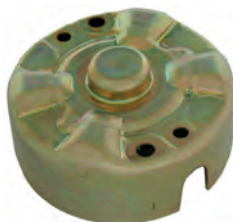
Replacing: 2130-73014, 2130-43015

Servicing: S13-102, S13-105, S13-105A, S13-106A, S13-106B, S13-106C, S13-106E, S13-121, S13-122, S13-126, S13-126A, S13-127
ID 76.50


137936 C.E. Bracket

Replacing: 2130-7300

Servicing: S12-52, S13-06A, S13-14, S13-18, S13-27, S13-27A, S13-28, S25-131, S25-131A, S25-155C, S25-155D, S25-74A
ID 108.80


230487 C.E. Bracket

Replacing: 2114-33504, 2114-33502

Servicing: S114-800, S114-800A, S114-800B, S114-800C, S114-802A, S114-804, S114-804A, S114-805, S114-805A, S114-806, S114-806A


230636 C.E. Bracket

Replacing: 2130-63015

Servicing: S13-106E, S13-112A, S13-114A, S13-127C, S13-200, S13-203, S13-204, S13-205, S13-205A, S13-205C, S13-205D, S13-205E

ID 76.00


231106 C.E. Bracket

Replacing: 2114-83003

Servicing: S114-252F, S114-253B, S114-254B, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C, S114-264

ID 75.50


234637 C.E. Bracket

Servicing: S114-829, S114-829A, S114-829B, S114-829C, S114-829D, S114-829QA, S114-869, S114-901, S114-901A, S114-901B, S114-902

ID 65.50


235750# C.E. Bracket

Servicing: S114-829A, S114-829B

D.E. Brackets



138613 D.E. Bracket
 Replacing: 2130-46005
 Servicing: S13-104, S13-92A



230665# D.E. Bracket
 Replacing: 2130-56100
 Servicing: S13-203, S13-305, S13-305A



231852 D.E. Bracket
 Replacing: 2144-66500, 2114-66500, 2114-26300
 Servicing: S114-850, S114-850A, S114-850B, S114-850C



234479 D.E. Bracket
 Replacing: 2130-46102, 2130-26007, 2130-16008
 Servicing: S13-122, S13-126, S13-126A



234636 D.E. Bracket
 Servicing: S114-829, S114-829A, S114-829B, S114-829C, S114-829D



235456 D.E. Bracket
 Replacing: 2130-96101
 Servicing: S13-122, S13-322, S13-322A, S13-326



235658 D.E. Bracket
 Replacing: 2130-26100
 Servicing: S13-207, S13-207A, S13-207C, S13-289, S13-289A, S13-89, S13-89A, S13-89B, S13-89C, S13-89D

I.M. Brackets



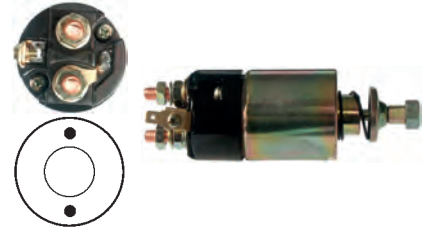
137459# I.M. Bracket
 Replacing: 2250-34001
 Servicing: S13-33A, S13-33B, S13-38A, S13-38B, S13-45A, S13-45B, S25-110G, S25-110K, S25-110M, S25-156, S25-164A
 ID 88.00



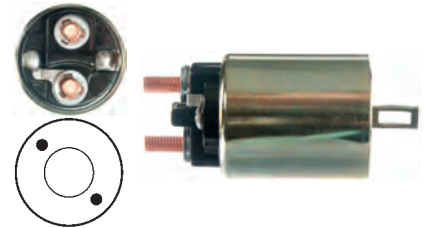
231302# I.M. Bracket
 Replacing: 2120-3400, 2120-1450
 Servicing: S12-18, S12-19, S12-19C, S12-19K, S12-43, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S12-77A
 ID 25.00

Solenoids

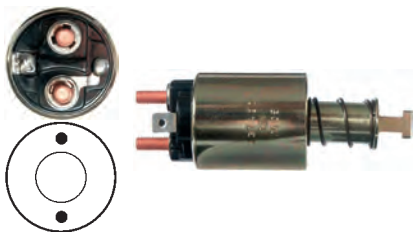
12 V



130811 Solenoid
 Replacing: 2120M-8700Y, 2120M-5700Y, 211N-4700Y, 2114N-4700Y, 2114N-47004, 2114N-4700, 2114N-1750, 2114M-4700Y
 Servicing: S114-131, S114-152, S114-155, S114-156A, S114-91, S12-19, S12-19K, S12-41A, S12-59
 12 V, B+ M8, Kl. 50 6.30, OD 50.90, OD/cover 49.65, Total length 143.50, Height/B+ 16.45, Width/kl. 50 11.40, Coil bolt M8, Coil bolt 2 16.50, No./terminals 3
 Cap: HC-CARGO 134619.



131144 Solenoid
 Replacing: 2130-47001, 2130-37003, 2114-87008, 2114-87003, 2114-77004, 2114-47001, 2114-37001
 Servicing: S114-147, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G, S114-160H
 12 V, B+ M8, Kl. 50 6.30, ID/cover 21.85, OD 52.20, OD/cover 48.45, Total length 112.35, Height/B+ 17.45, Width/kl. 50 15.55, Coil bolt M8, Coil bolt 2 18.55, No./terminals 3
 Cap: HC-CARGO 133269. Moving Contact: HC-CARGO 133270.

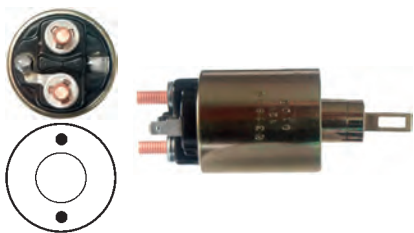

131431 Solenoid

Replacing: 2120-67002, 2120-57002, 2120-47002, 2120-37003, 2120-37002, 2120-27002

Servicing: S12-19C, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S12-77A, S12-78, S12-79, S12-82, S13-55, S13-63

12 V, B+ M8, Kl. 50 9.40, OD 52.15, OD/cover 44.35, Total length 125.55, Height/B+ 18.70, Width/kl. 50 11.70, No./terminals 3

Cap: HC-CARGO 134620. Moving contact: HC-CARGO 139853.

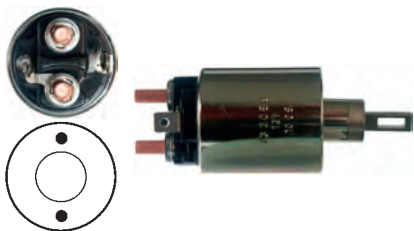

131800 Solenoid

Replacing: 2114-97503, 2114-97004, 2114-87004, 2114-87002, 2114-57604, 2114-57504, 2114-57004, 2114-57001

Servicing: S108-85, S108-86, S108-91, S114-103, S114-146, S114-160A, S114-160H, S114-170B, S114-170E, S114-171, S114-172A

12 V, B+ M8, Kl. 50 6.30, ID/cover 22.00, OD 52.30, OD/cover 44.40, Total length 112.20, Height/B+ 16.45, Width/kl. 50 17.00, Coil bolt M8, Coil bolt 2 15.00, No./terminals 3

Cap: HC-CARGO 133269. Moving contact: HC-CARGO 133270.

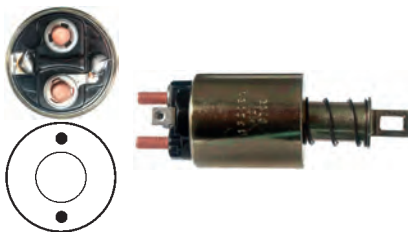

132058 Solenoid

Replacing: 2114-T7012, 2114-8700, 2114-67006, 2114-47006, 2114-40076, 2114-37003, 2114-27001, 2114-17006

Servicing: S114-149, S114-184, S114-202, S114-202A, S114-244, S114-244A, S114-247, S114-247A, S114-247B, S114-247C, S114-271

12 V, B+ M8, Kl. 50 9.40, ID/cover 22.10, OD 52.25, OD/cover 46.75, Total length 112.00, Height/B+ 16.00, Width/kl. 50 11.15, Coil bolt M8, Coil bolt 2 15.15, No./terminals 3

Cap: HC-CARGO 133276. Moving contact: HC-CARGO 133270.

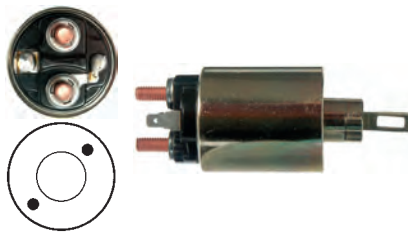

132059 Solenoid

Replacing: 2130-6700, 2130-47012, 2130-27001, 2130-17002, 2120-97001

Servicing: S12-06, S12-28, S12-38A, S12-46, S12-46A, S12-52, S12-58, S12-61, S12-79, S12-88, S13-06A, S13-14, S13-18, S13-23

12 V, B+ M8, Kl. 50 9.40, ID/cover 20.00, OD 52.20, OD/cover 46.40, Total length 129.40, Height/B+ 18.25, Width/kl. 50 14.00, Coil bolt M8, Coil bolt 2 17.25, No./terminals 3

Cap: HC-CARGO 133803.

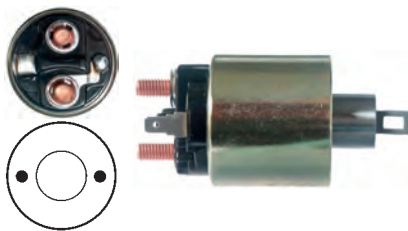

132093 Solenoid

Replacing: 2130-97003, 2130-87007, 2114-T7111, 2114-T7104, 2114-T7101, 2114-57508, 2114-57503, 2114-47606

Servicing: S114-230A, S114-252, S114-252E, S114-252F, S114-253A, S114-253B, S114-254B, S114-254D, S114-255A, S114-257, S114-257G

12 V, B+ M8, Kl. 50 6.30, ID/cover 21.70, OD 52.25, OD/cover 44.40, Total length 110.90, Height/B+ 16.30, Width/kl. 50 15.30, Coil bolt M8, Coil bolt 2 15.55, No./terminals 3

Cap: HC-CARGO 133803. Moving contact: HC-CARGO 139853.

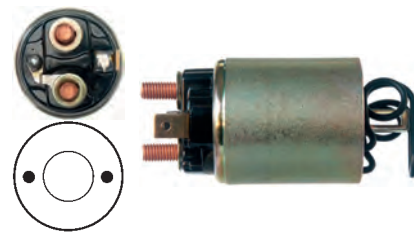

132094 Solenoid

Replacing: 2114-T7108, 2114-T7107, 2114-97615, 2114-87613, 2114-87507, 2114-87505, 2114-87504, 2114-77613

Servicing: S114-315, S114-316, S114-317, S114-317A, S114-317B, S114-318, S114-318A, S114-319, S114-320, S114-320A, S114-345

12 V, B+ M8, Kl. 50 6.30, ID/cover 22.00, OD 52.25, OD/cover 44.40, Total length 106.80, Height/B+ 14.60, Width/kl. 50 16.30, Coil bolt M8, Coil bolt 2 13.65, No./terminals 3

Cap: HC-CARGO 133778. Moving contact: HC-CARGO 135105.

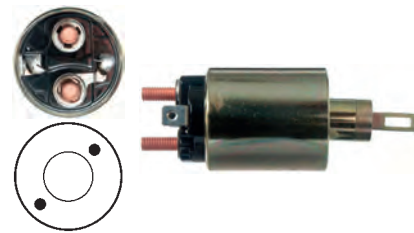

132421 Solenoid

Replacing: 2114-T7103, 2114-77008, 2114-67503, 2114-47504

Servicing: S114-357, S114-357A, S114-357B, S114-357C, S114-385, S114-387, S114-459, S13-66, S13-66A

12 V, B+ M8, Kl. 50 9.40, OD 52.30, OD/cover 44.55, Total length 110.80, Height/B+ 14.15, Width/kl. 50 11.00, Coil bolt M8, Coil bolt 2 14.65, No./terminals 3

Cap: HC-CARGO 133276.

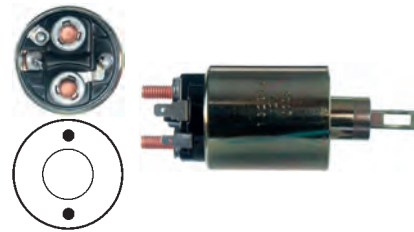

132698 Solenoid

Replacing: 2114-77007, 2114-47507, 2114-47009, 2114-37504

Servicing: S114-290, S114-290A, S114-290B, S114-303, S114-374B, S114-403B, S114-441A, S13-121, S13-62, S13-62A, S13-62B, S13-70A

12 V, B+ M8, Kl. 50 9.40, ID/cover 22.15, OD 52.10, OD/cover 44.35, Total length 112.40, Height/B+ 18.45, Width/kl. 50 13.00, Coil bolt M8, Coil bolt 2 17.15, No./terminals 3

Cap: HC-CARGO 133803.

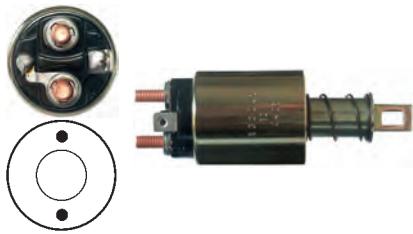

132915 Solenoid

Replacing: 2114-27006

Servicing: S114-237

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 4.70, ID/cover 21.70, OD 52.15, OD/cover 47.40, Total length 111.30, Height/B+ 15.90, Width/kl. 15a 16.00, Width/kl. 50 16.45, Coil bolt M8, Coil bolt 2 14.85, No./terminals 4

Cap: HC-CARGO 133780.



133043 Solenoid

Replacing: 2130-8700, 2130-67004, 2130-57012, 2130-57004, 2130-17004

Servicing: S12-62, S13-138, S13-138A, S13-32, S13-32A, S13-61, S13-61A, S13-73, S13-74, S13-86, S13-87

12 V, B+ M8, Kl. 50 9.40,
ID/cover 22.00, OD 52.30, OD/cover 44.35,
Total length 129.85, Height/B+ 16.55,
Width/kl. 50 13.25, Coil bolt M8,
Coil bolt 2 15.55, No./terminals 3
Cap: HC-CARGO 133276.

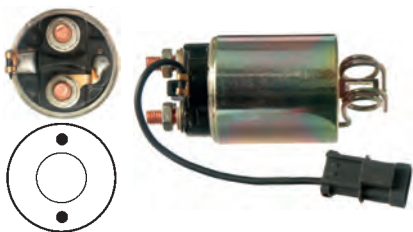


133044 Solenoid

Replacing: 2114-1700, 2114-77505, 2114-27504, 2114-27502, 2114-27005

Servicing: S114-348, S114-348A, S114-362, S114-362A, S114-398, S114-418, S114-419, S114-419A, S114-456, S114-517, S114-517C

12 V, B+ M8, Kl. 50 9.40,
ID/cover 22.40, OD 52.15, OD/cover 44.50,
Total length 111.80, Height/B+ 15.15,
Width/kl. 50 12.25, Coil bolt M8,
Coil bolt 2 14.95, No./terminals 3
Cap: HC-CARGO 133276. Moving contact: HC-CARGO 135105. Spring: HC-CARGO 134740.

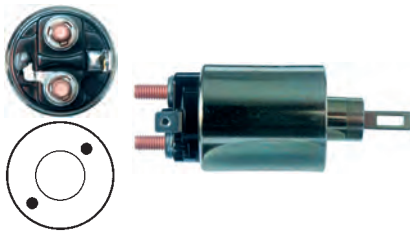


133045 Solenoid

Replacing: 2114-57506

Servicing: S114-430A, S114-430B, S114-430C, S114-439, S114-471, S114-471A, S114-472A, S114-482

12 V, B+ M8, OD 52.55, OD/cover 45.00,
Total length 108.75, Height/B+ 16.10,
Coil bolt M8, Coil bolt 2 17.35,
No./terminals 3
Cap: HC-CARGO 134624.

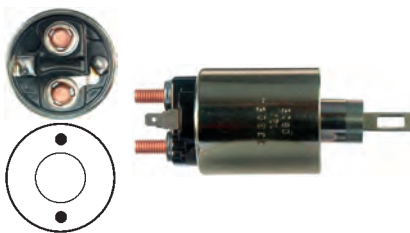


133047 Solenoid

Replacing: 2130-97006, 2130-77001, 2130-57001, 2130-27003, 2114-97509

Servicing: S114-293, S114-303, S114-303A, S114-338A, S114-339A, S114-339C, S114-339D, S114-367, S114-429, S114-429A, S114-453

12 V, B+ M8, Kl. 50 9.40,
ID/cover 21.90, OD 52.30, OD/cover 44.40,
Total length 112.60, Height/B+ 16.70,
Width/kl. 50 13.45, Coil bolt M8,
Coil bolt 2 15.50, No./terminals 3
Cap: HC-CARGO 133276.

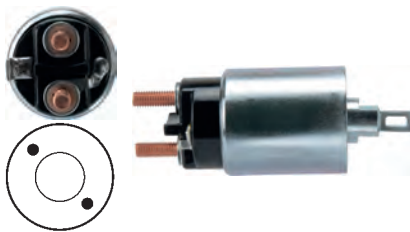


133054 Solenoid

Replacing: 2114-67504, 2114-37502, 2114-37005

Servicing: S114-177, S114-295, S114-352, S114-370, S114-370A, S114-427, S114-481, S114-481A

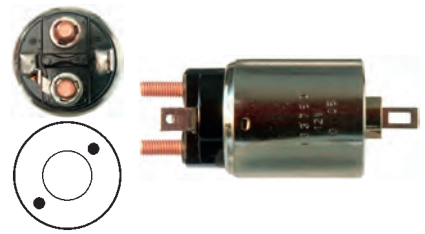
12 V, B+ M8, Kl. 50 6.30,
ID/cover 22.00, OD 52.10, OD/cover 44.35,
Total length 112.30, Height/B+ 16.30,
Width/kl. 50 15.15, Coil bolt M8,
Coil bolt 2 15.00, No./terminals 3
Cap: HC-CARGO 133778.



133749 Solenoid

Replacing: 2130-97004, 2130-37008, 2130-37004

Servicing: S13-136, S13-322, S13-326, S13-92A
12 V, B+ M8, Kl. 50 9.40,
ID/cover 22.30, OD 52.20, OD/cover 45.00,
Total length 126.55, Height/B+ 21.35,
Width/kl. 50 11.50, Coil bolt M8,
Coil bolt 2 21.25, No./terminals 3



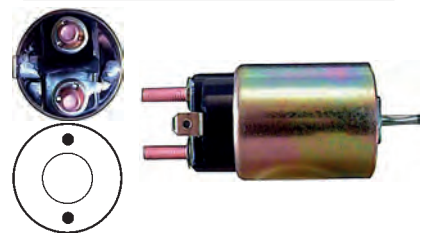
133750 Solenoid

Replacing: 2130-97008, 2130-77005, 2130-67005

Servicing: S13-106, S13-106A, S13-106B, S13-106C, S13-107, S13-107A, S13-127, S13-127A, S13-127C, S13-137A, S13-213, S13-213A

12 V, B+ M8, Kl. 50 9.40,
ID/cover 25.25, OD 52.70, OD/cover 47.70,
Total length 122.20, Height/B+ 18.65,
Width/kl. 50 15.90, Coil bolt M8,
Coil bolt 2 18.20, No./terminals 3
Cap: HC-CARGO 137798. Moving contact: HC-CARGO 139853.

Alternative no.: 335190

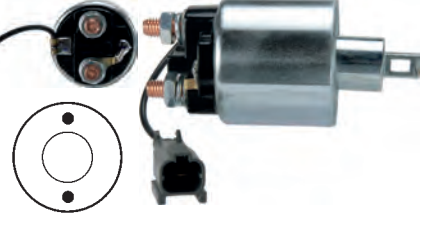


135008 Solenoid

Replacing: 2130-87005, 2130-27006

Servicing: S13-111, S13-112, S13-112A, S13-113, S13-114, S13-114A, S14-03, S14-203

12 V, B+ M8, Kl. 50 9.40,
ID/cover 22.25, OD 52.20, OD/cover 45.00,
Total length 125.90, Height/B+ 21.25,
Width/kl. 50 12.00, Coil bolt M8,
Coil bolt 2 21.20, No./terminals 3



135287 Solenoid

Replacing: 2114-67610

Servicing: S114-750, S114-766A

12 V, B+ M8, OD 52.00, OD/cover 44.25,
Total length 97.35, Height/B+ 15.25,
Coil bolt M8, Coil bolt 2 15.15,
No./terminals 3
Cap: HC-CARGO 138819.
Alternative no.: 610339

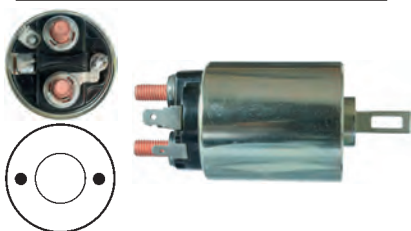

135370 Solenoid

Replacing: 2130-57005

Servicing: S114-357C, S13-105, S13-105A, S13-129, S13-131, S13-329

12 V, B+ M8, Kl. 50 6.30, OD 52.25, OD/cover 45.00, Total length 125.35, Height/B+ 21.10, Width/kl. 50 12.95, Coil bolt M8, Coil bolt 2 21.00, No./terminals 3

Contact: HC-CARGO 139853.

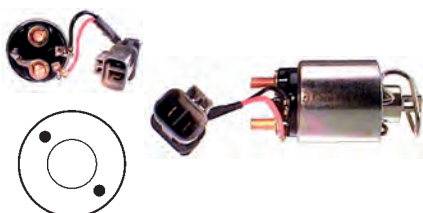

135877 Solenoid

Replacing: 2114-27008

Servicing: S114-232, S114-232A

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, ID/cover 22.00, OD 52.20, OD/cover 44.35, Total length 112.15, Height/B+ 16.20, Width/kl. 15a 15.15, Width/kl. 50 16.85, Coil bolt M8, Coil bolt 2 15.40, No./terminals 4

Cap: HC-CARGO 133780.

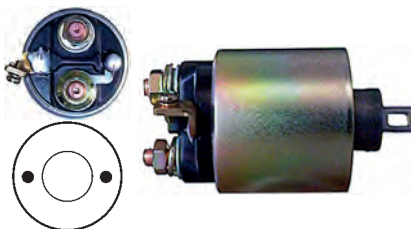

137795 Solenoid

Replacing: 2114-77601

Servicing: S114-503A, S114-516, S114-516A

12 V, B+ M8, ID/cover 22.50, OD 52.25, OD/cover 44.35, Total length 97.65, Height/B+ 15.30, Coil bolt M8, Coil bolt 2 15.65, No./terminals 4

Cap: HC-CARGO 137796.

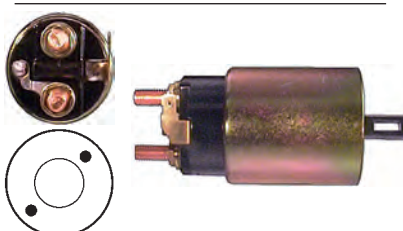

138170 Solenoid

Replacing: 2114-97612, 2114-67673, 2114-37673, 2114-37613

Servicing: S114-850, S114-850A, S114-850B, S114-850C

12 V, B+ M8, Kl. 50 9.40, ID/cover 22.00, OD 52.00, OD/cover 44.25, Total length 107.25, Height/B+ 15.10, Width/kl. 50 11.45, Coil bolt M8, Coil bolt 2 14.00, No./terminals 3

Cap: HC-CARGO 139330.

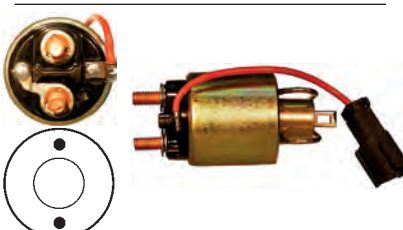

138363 Solenoid

Replacing: 2130-57003

Servicing: S13-101, S13-102

12 V, B+ M8, Kl. 50 6.30, ID/cover 22.40, OD 52.20, OD/cover 45.00, Total length 125.90, Height/B+ 20.95, Width/kl. 50 21.05, Coil bolt M8, Coil bolt 2 21.60, No./terminals 3

Cap: HC-CARGO 137798. Moving contact: HC-CARGO 139853.

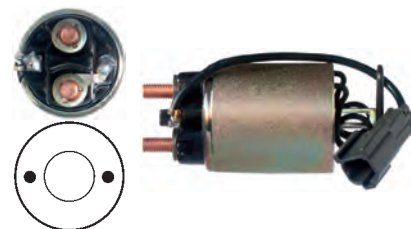

138364 Solenoid

Replacing: 2114-T7208, 2114-47610

Servicing: S114-630, S114-769

12 V, B+ M8, ID/cover 21.90, OD 52.55, OD/cover 43.70, Total length 108.45, Height/B+ 14.00, Coil bolt M8, Coil bolt 2 13.30, No./terminals 3

Cap: HC-CARGO 138818.

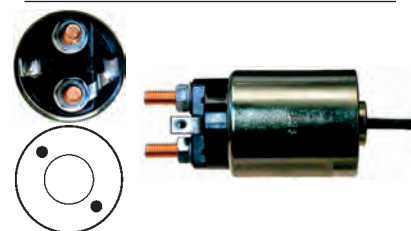

138366 Solenoid

Replacing: 2114-87611, 2114-87601

Servicing: S114-471, S114-471A, S114-472, S114-472A, S114-482, S114-490

12 V, B+ M8, OD 52.30, OD/cover 44.35, Total length 109.85, Height/B+ 14.45, Coil bolt M8, Coil bolt 2 14.50, No./terminals 3

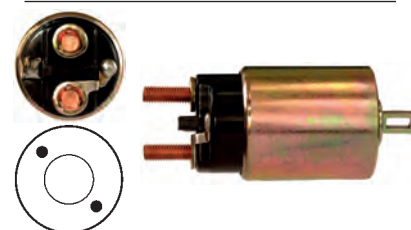
Cap: HC-CARGO 138816.


138739 Solenoid

Replacing: 2130-47005, 2130-17010

Servicing: S13-115, S13-115A, S13-120A, S13-294, S13-94, S13-94A

12 V, B+ M8, Kl. 50 6.30, ID/cover 21.75, OD 52.20, OD/cover 44.70, Total length 124.85, Height/B+ 23.25, Width/kl. 50 15.65, Coil bolt M8, Coil bolt 2 22.20, No./terminals 3

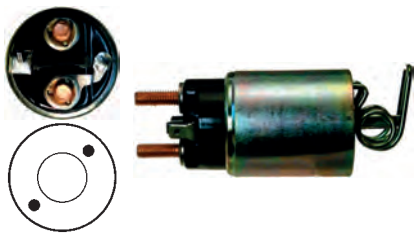

138809 Solenoid

Replacing: 2130-37005

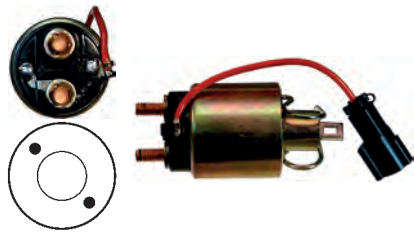
Servicing: S13-104, S13-92A

12 V, B+ M8, Kl. 50 6.30, ID/cover 22.25, OD 52.00, OD/cover 45.00, Total length 126.45, Height/B+ 21.10, Width/kl. 50 13.35, Coil bolt M8, Coil bolt 2 21.10, No./terminals 3

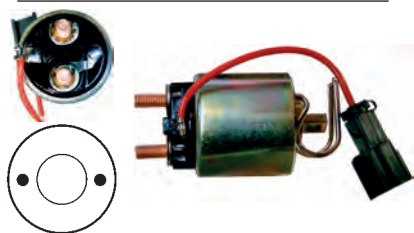
Cap: HC-CARGO 138810.



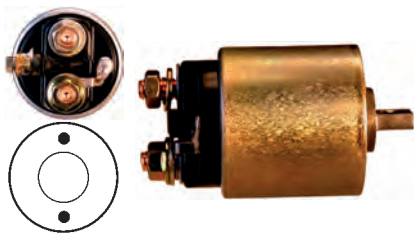
138811 Solenoid
 Servicing: S13-91, S13-91A
 12 V, B+ M8, KI. 50 6.30, OD 52.00, OD/cover 45.00, Total length 125.15, Height/B+ 21.30, Width/kl. 50 13.45, Coil bolt M8, Coil bolt 2 21.35, No./terminals 3
 Cap: HC-CARGO 138812.



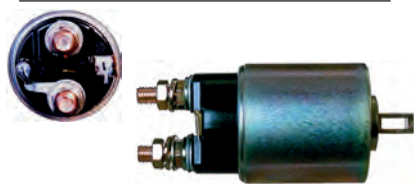
138814 Solenoid
 Replacing: 2114-57606
 Servicing: S114-528, S114-528A
 12 V, B+ M8, ID/cover 22.65, OD 52.20, OD/cover 44.30, Total length 97.15, Height/B+ 15.50, Coil bolt M8, Coil bolt 2 15.45, No./terminals 3
 Cap: HC-CARGO 138818.



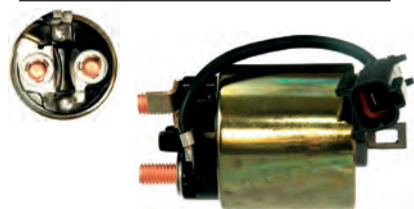
138823 Solenoid
 Replacing: 2114-97605
 Servicing: S114-519A, S114-527, S114-527A, S114-527B, S114-569, S114-569A
 12 V, B+ M8, ID/cover 22.75, OD 52.00, OD/cover 44.35, Total length 97.30, Height/B+ 15.30, Coil bolt M8, Coil bolt 2 15.55, No./terminals 3
 Cap: HC-CARGO 138819.



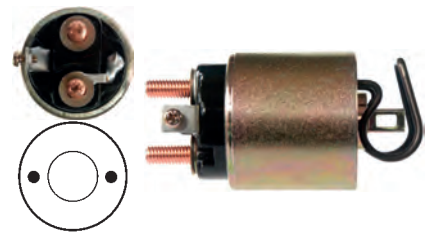
138957 Solenoid
 Replacing: 2114-27613
 Servicing: S114-385, S114-808, S114-808A, S114-808B, S114-808C, S114-808D, S114-869, S114-925, S114-925A, S114-925B, S114-925C
 12 V, B+ M8, KI. 50 9.40, ID/cover 22.45, OD 52.00, OD/cover 43.90, Total length 106.80, Height/B+ 12.85, Width/kl. 50 14.55, Coil bolt M8, Coil bolt 2 11.80, No./terminals 3
 Cap: HC-CARGO 139604. Moving contact: HC-CARGO 139605.



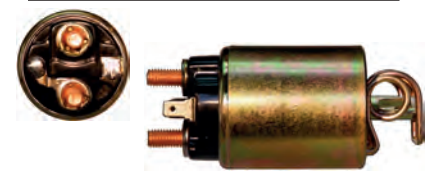
139164 Solenoid
 Replacing: 2130-87008, 2130-77008, 2130-47008
 Servicing: S13-302, S13-302A, S13-302B, S13-305, S13-305A, S13-329, S13-331, S13-529, S13-531
 12 V, B+ M8, KI. 50 6.30, ID/cover 24.45, OD 52.80, OD/cover 44.10, Total length 121.45, Height/B+ 23.15, Width/kl. 50 16.65, Coil bolt M8, Coil bolt 2 22.00, No./terminals 3
 Cap: HC-CARGO 137798.



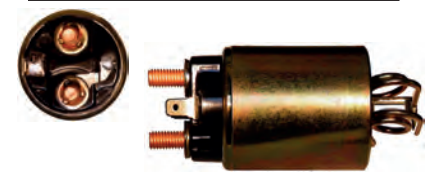
139784 Solenoid
 Replacing: 2114-T7306, 2114-T7160, 2114-T7106, 2114-97604, 2114-77607, 2114-77507, 2114-77506, 2114-27608
 Servicing: S114-348, S114-348A, S114-376B, S114-460, S114-460A, S114-460B, S114-517, S114-517C, S114-518, S114-523, S114-558
 12 V, B+ M8, ID/cover 22.00, OD 52.00, OD/cover 47.10, Total length 107.50, Height/B+ 13.00, Coil bolt M8, Coil bolt 2 13.70, No./terminals 3
 Cap: HC-CARGO 234914.



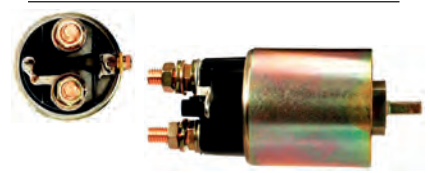
139832 Solenoid
 Replacing: 2114-97601, 2114-37608
 Servicing: S114-473, S114-480, S114-480A, S114-480B
 12 V, B+ M8, KI. 50 M4S, ID/cover 22.30, OD 52.05, OD/cover 44.20, Total length 97.50, Height/B+ 16.60, Coil bolt M8, Coil bolt 2 16.60, No./terminals 3
 Contact: HC-CARGO 139604.



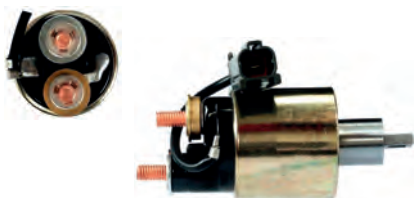
139833 Solenoid
 Replacing: 2114-27505
 Servicing: S114-401B, S13-100, S13-109, S13-109B
 12 V, B+ M8, KI. 50 6.30, ID/cover 22.00, OD 52.30, OD/cover 44.65, Total length 109.85, Height/B+ 14.00, Width/kl. 50 13.25, Coil bolt M8, Coil bolt 2 14.95, No./terminals 3



139834 Solenoid
 12 V, B+ M8, KI. 50 6.30, ID/cover 22.10, OD 52.35, OD/cover 44.60, Total length 110.45, Height/B+ 14.45, Width/kl. 50 12.90, Coil bolt M8, Coil bolt 2 14.75, No./terminals 3



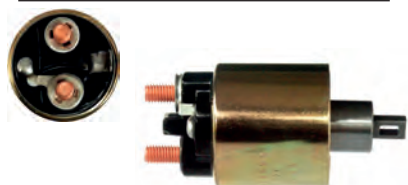
230558 Solenoid
 Replacing: 2130-57011, 2130-47009
 Servicing: S13-160, S13-204, S13-205, S13-205A, S13-205C, S13-205D, S13-205E, S13-205F, S13-212
 12 V, B+ M8, KI. 50 9.40, ID/cover 24.55, OD 52.70, OD/cover 44.30, Total length 121.40, Height/B+ 23.25, Width/kl. 50 14.00, Coil bolt M8, Coil bolt 2 21.65, No./terminals 3


231910 Solenoid

Replacing: 2114-87603, 2114-47612, 2114-37506

Servicing: S114-461, S114-461A, S114-461B, S114-801A, S114-801B, S114-801C, S114-801D

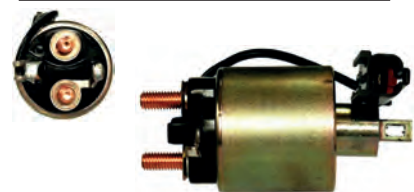
12 V, B+ M8, ID/cover 21.90, OD 52.00, OD/cover 44.35, Total length 123.00, Height/B+ 13.65, Coil bolt M8, Coil bolt 2 13.65, No./terminals 3
Cap: HC-CARGO 231911.


231996 Solenoid

Replacing: 2114-57610

Servicing: S114-753

12 V, B+ M8, KI. 50 6.30, ID/cover 22.00, OD 52.20, OD/cover 44.30, Total length 107.00, Height/B+ 14.85, Width/kl. 50 16.35, Coil bolt M8, Coil bolt 2 12.85, No./terminals 3


232200 Solenoid

Replacing: 2114-67605

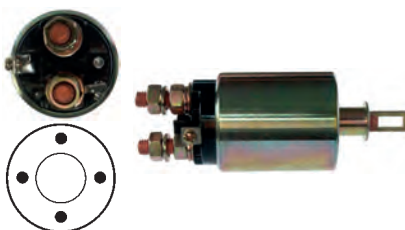
Servicing: S114-520A, S114-520B, S114-530, S114-533, S114-534, S114-535, S114-570, S114-570A, S114-570B, S114-570C, S114-750

12 V, B+ M8, KI. 50 6.30, OD 52.00, Total length 76.00, Height/B+ 12.50, Width/kl. 50 6.30, No./terminals 3
Cap: HC-CARGO 138819.


232452 Solenoid

Servicing: S114-829, S114-829A, S114-829B, S114-829C, S114-829D

12 V, B+ M8, KI. 50 M4, ID/cover 25.80, OD 54.00, OD/cover 52.30, Total length 114.50, Switch dim. 4.30, Height/B+ 12.50, Width/kl. 50 M4, Coil bolt M8, Coil bolt 2 10.90, No./terminals 3
Cap: HC-CARGO 231822.


234555 Solenoid

Replacing: 2120-2700

Servicing: S15-02, S15-03

12 V, B+ M12, KI. 50 9.40, ID/cover 20.20, OD 70.20, OD/cover 60.30, Total length 192.65, Height/B+ 37.30, Width/kl. 50 14.70, Coil bolt M12, Coil bolt 2 37.30, No./terminals 3


235076 Solenoid

Replacing: 2130-67007, 2130-37010, 2130-17007

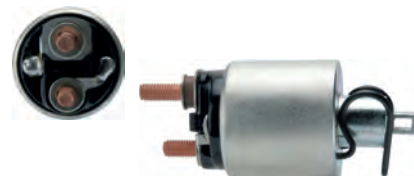
Servicing: S13-122, S13-126, S13-126A, S13-322, S13-326

12 V, B+ M8/17.00, KI. 50 6.30, ID/cover 14.00, OD 53.00, OD/cover 49.70, Total length 100.00, Switch dim. 8.80, Height/B+ M8/17.00, Width/kl. 50 6.30, No./terminals 3


238529 Solenoid

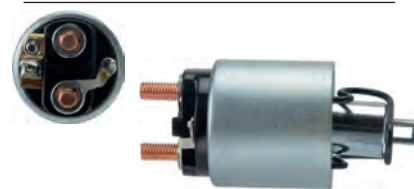
Servicing: S114-875, S13-250, S13-550

12 V, No./terminals 3


239907 Solenoid

Servicing: S114-905, S114-906, S114-938, S114-943, S114-943A, S114-947, S114-947A, S114-948

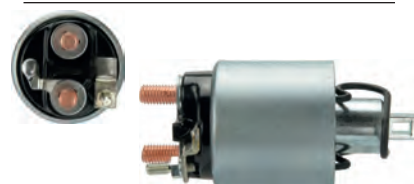
12 V, B+ M8, OD 52.23, Total length 94.50, Height/B+ 16.30


330150 Solenoid

Replacing: 2114-67619, 2114-27623, 2114-27622

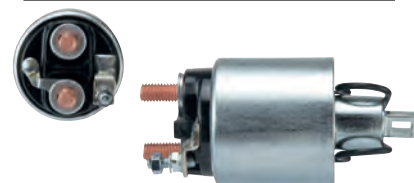
Servicing: S114-902, S114-902A, S114-902B, S114-902C, S114-922, S114-922A, S114-955, S114-959A

12 V, B+ M8, KI. 50 M5, ID/cover 24.67, OD 52.10, OD/cover 50.32, Total length 111.50, Switch dim. 10.56, Height/B+ 21.43, Coil bolt M8, Coil bolt 2 20.00, No./terminals 3


331018 Solenoid

Servicing: S114-877A

12 V, B+ M8, KI. 50 M5, OD 52.00, Height/B+ 17.20, Coil bolt M8, No./terminals 3


332464 Solenoid

Servicing: S13-556, S13-556A

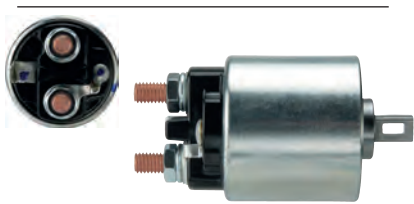
12 V, B+ M8, KI. 50 M5, OD 52.27, Total length 87.60, Height/B+ 14.75, Width/kl. 50 11.31, Coil bolt M8, Coil bolt 2 8.06, No./terminals 3



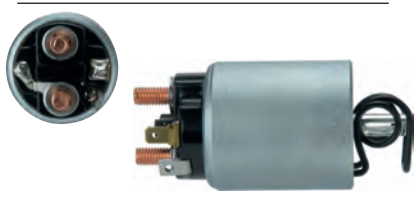
333001 Solenoid
 12 V, B+ Bolt, Kl. 50 M4,
 OD 52.20, Total length 113.30,
 Height/B+ M8x1.25, Coil bolt 22.60,
 Coil bolt 2 16.60, No./terminals 3

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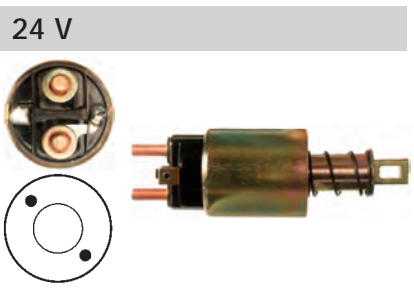
333783* Solenoid



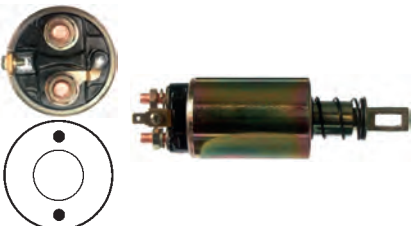
333843 Solenoid
 Replacing: 2130-17011
 Servicing: S13-527, S13-527A, S13-527B,
 S13-527C, S13-527D, S14-405, S14-405A,
 S14-405B, S14-405C, S14-405D
 12 V, B+ M8, Kl. 50 6.30,
 OD 52.30, Total length 98.40,
 No./terminals 3



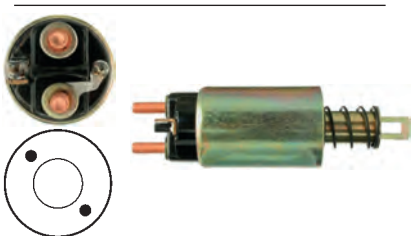
335051 Solenoid
 Replacing: 2114-27003
 Servicing: S114-206
 12 V, B+ M8, OD 53.50,
 OD/cover 44.75, Total length 108.75,
 Height/B+ 13.50, Coil bolt M8,
 Coil bolt 2 13.50, No./terminals 4



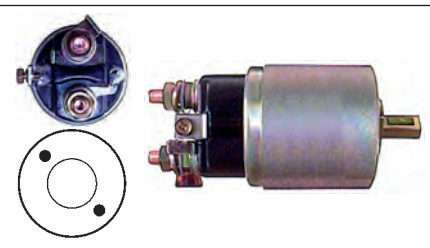
132423 Solenoid
 Replacing: 2250-97003, 2250-87004, 2250-67003, 2250-47002, 2250-37005, 2250-37001, 2250-27003, 2250-17002
 Servicing: S25-106A, S25-110, S25-110A, S25-110B, S25-110C, S25-110F, S25-120, S25-120A, S25-121, S25-121A, S25-131, S25-131A
 24 V, B+ M8, Kl. 50 9.40,
 ID/cover 22.40, OD 52.30, OD/cover 44.90,
 Total length 143.00, Height/B+ 21.00,
 Width/kl. 50 10.65, Coil bolt M8,
 Coil bolt 2 21.65, No./terminals 3
 Cap: HC-CARGO 134620.



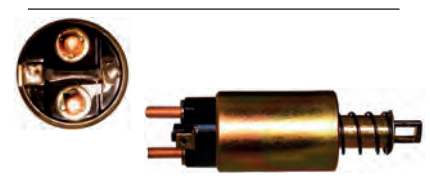
132914 Solenoid
 Replacing: 2250M-4700, 2250I-9700, 2250-M4700, 2250-I9700, 2250-77003, 2250-5700, 2250-27002
 Servicing: S24-64B, S25-128, S25-129A, S25-129C, S25-132C, S25-132F, S25-64B
 24 V, B+ M8, Kl. 50 9.40,
 ID/cover 20.45, OD 51.90, OD/cover 45.10,
 Total length 165.15, Height/B+ 20.90,
 Width/kl. 50 12.35, Coil bolt M8,
 Coil bolt 2 20.90, No./terminals 3
 Cap: HC-CARGO 134620.



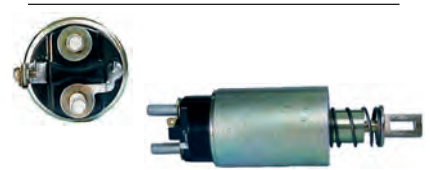
134812 Solenoid
 Replacing: 2270-37001
 Servicing: S25-156, S25-64
 24 V, B+ M8, Kl. 50 9.40,
 ID/cover 22.50, OD 52.15, OD/cover 44.75,
 Total length 179.70, Height/B+ 23.35,
 Width/kl. 50 12.85, Coil bolt M8,
 Coil bolt 2 22.85, No./terminals 3
 Cap: HC-CARGO 134620.



136141 Solenoid
 Replacing: 2240-5700
 Servicing: S24-03A, S24-03B, S24-03C, S24-07, S24-13, S24-13A, S24-14, S25-161
 24 V, B+ M8, Kl. 50 9.40,
 ID/cover 25.25, OD 52.75, OD/cover 44.70,
 Total length 119.55, Height/B+ 18.55,
 Width/kl. 50 15.40, Coil bolt M8,
 Coil bolt 2 17.00, No./terminals 3
 Cap: HC-CARGO 134620.



139851 Solenoid
 Replacing: 2250-77006, 2250-47007, 2250-17005
 Servicing: S25-110G, S25-110K, S25-110L, S25-110M, S25-162, S25-164, S25-164A
 24 V, B+ M8, Kl. 50 9.40,
 ID/cover 21.30, OD 52.30, OD/cover 45.00,
 Total length 160.20, Height/B+ 21.55,
 Width/kl. 50 10.95, Coil bolt M8,
 Coil bolt 2 21.35, No./terminals 3
 Cap: HC-CARGO 139852.



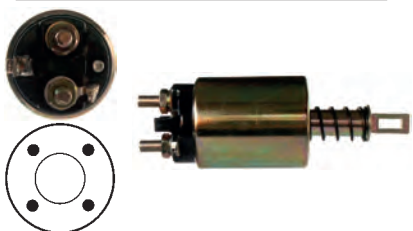
230697 Solenoid
 Replacing: 2250-57003
 Servicing: S24-64E, S25-64, S25-64E
 24 V, B+ M8, Kl. 50 6.30,
 ID/cover 22.60, OD 53.20, OD/cover 44.45,
 Total length 166.30, Height/B+ 22.20,
 Width/kl. 50 24.45, Coil bolt M8,
 Coil bolt 2 22.20, No./terminals 3

All measurements are in mm, unless else stated.
 *Available while stock last, * Program development.
 O.E.M. names and numbers are used for reference purposes only.


232263 Solenoid

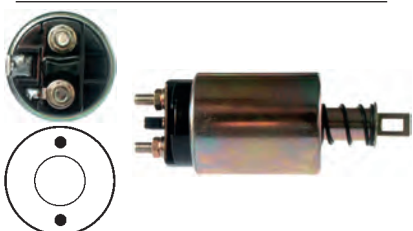
Replacing: 2250-97006, 2250-57006, 2250-27006

Servicing: S25-158, S25-158A, S25-158B

 24 V, B+ M8, Kl. 50 9.40,
 ID/cover 22.00, OD 52.80, OD/cover 44.80,
 Total length 159.80, Height/B+ 23.90,
 Width/kl. 50 12.20, Coil bolt M8,
 Coil bolt 2 23.90, No./terminals 3

233122 Solenoid

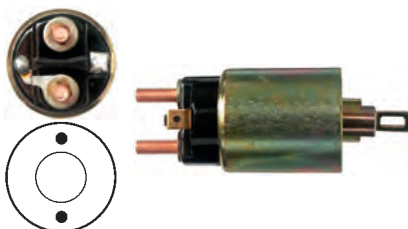
Replacing: 2210M-5700, 2210-17002

 Servicing: S210-100, S210-104, S210-104A,
 S210-108, S210-89, S210-90, S210-98D,
 S210-98E, S28-23B

 24 V, B+ M10, Kl. 15a 9.40,
 Kl. 50 9.40, ID/cover 20.20, OD 69.90,
 OD/cover 59.95, Total length 179.35,
 Height/B+ 24.00, Width/kl. 15a 13.00,
 Width/kl. 50 13.30, Coil bolt M10,
 Coil bolt 2 24.40, No./terminals 3

234556 Solenoid

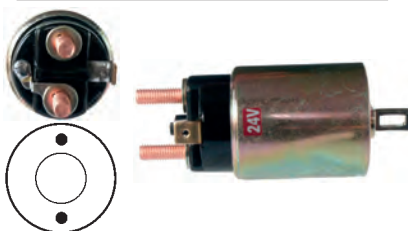
Replacing: 2250-97001, 2250-17007

 Servicing: S25-110, S25-110A, S25-110B,
 S25-110C, S25-110F, S25-121A, S25-125A,
 S25-125B, S25-142, S25-142A, S25-142B,
 S25-143C

 24 V, B+ M8, Kl. 50 9.40,
 ID/cover 20.25, OD 63.00, OD/cover 54.60,
 Total length 169.65, Height/B+ 19.20,
 Width/kl. 50 13.85, Coil bolt M8,
 Coil bolt 2 20.25, No./terminals 3

234868 Solenoid

Replacing: 2240-4701

 Servicing: S25-163A, S25-163B, S25-163C,
 S25-163E

 24 V, B+ M8, Kl. 50 9.40,
 ID/cover 21.30, OD 52.00, OD/cover 45.00,
 Total length 139.50, Height/B+ 21.00,
 Width/kl. 50 10.20, Coil bolt M8,
 Coil bolt 2 21.40, No./terminals 3

234869 Solenoid

Replacing: 2250-37008

 Servicing: S25-163F, S25-163G, S25-168,
 S25-168A, S25-171, S25-501, S25-501A, S25-
 501B, S25-515A, S25-515B, S25-515C

 24 V, B+ M8, Kl. 50 9.40,
 ID/cover 22.00, OD 52.20, OD/cover 45.00,
 Total length 124.20, Height/B+ 21.30,
 Width/kl. 50 11.55, Coil bolt M8,
 Coil bolt 2 21.35, No./terminals 3

235814 Solenoid

Replacing: 2240-2700, 2240-1700

Servicing: S24-01B, S24-01C, S24-01D

 24 V, B+ M8, Kl. 50 6.30, OD 53.00,
 Total length 114.00, Height/B+ 15.80,
 No./terminals 3

Solenoid Parts
Solenoid Caps

Pkg. 5


133269 Solenoid Cap

 Servicing: 2114-47001, 2114-47501,
 2114-57001, 2114-57504, 2114-77004,
 2130-47001, S114-146, S114-147, S114-152,
 S114-155

 OD 49.90, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 131144, 131800, 231995.

Pkg. 5


133276 Solenoid Cap

 Servicing: 2114-17006, 2114-27001, 2114-
 27003, 2114-67006, 2114-77001, 2114-
 77008, S114-103, S114-170B, S114-170E,
 S114-174

 OD 50.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 132058, 132421, 133043, 133044,
 133047.

Pkg. 5


133778 Solenoid Cap

 Servicing: 2114-17505, 2114-27501,
 2114-37005, 2114-37503, 2114-37505,
 2114-47005, 2114-57503, 2114-57508, 2114-
 67002, 2114-67505

 OD 49.85, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 132094, 132420, 133054.



133779# Solenoid Cap
 Servicing: 2114-87508, S114-460, S114-460A, S114-460B, S114-464, S114-464A, S114-516, S114-516A
 OD 50.15, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 133046.

Pkg. 5



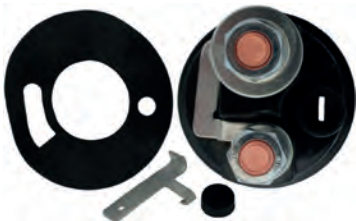
133780 Solenoid Cap
 Servicing: 2114-27006, 2114-27008, S114-232, S114-232A, S114-237
 OD 49.80, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 132915, 135877.

Pkg. 5



133803 Solenoid Cap
 Servicing: 2114-17005, 2114-37504, 2114-77007, 2120-27002, 2120-57002, 2130-6001, S114-257, S114-257G, S114-441A, S114-441B
 OD 50.15, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 132059, 132093, 132698.

Pkg. 5



134480 Solenoid Cap
 Servicing: 2114-27504, 2114-37004, 2114-37606, 2114-47505, 2114-77505, S114-340, S114-396, S114-614
 OD 50.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 131804, 136397.



134619 Solenoid Cap
 Servicing: 2114N-4700Y, 2120M-8700Y, S114-91, S12-19, S12-19K, S12-41A, S12-59, S13-06
 OD 49.65, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 130811.



134620 Solenoid Cap
 Servicing: 2120-67002, 2130-7705, 2240-5700, 2250-22002, 2250-37001, 2250-37005, 2250-47003, 2250-57003, 2250-87004, S12-77A
 OD 50.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 131431, 132423, 132914, 133749, 134812, 135008, 136141.



137798 Solenoid Cap
 Servicing: 2130-57005, 2130-77008, S13-101, S13-102, S13-105, S13-105A, S13-106A, S13-106B, S13-107, S13-107A, S13-127, S13-127A
 OD 49.45, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 133750, 139164.



138810 Solenoid Cap
 Servicing: 2240-7700, 2240-8700, S13-104, S13-92A
 OD 50.20, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138809.



138812 Solenoid Cap
 Servicing: S13-91, S13-91A
 OD 50.15, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138811.



138818 Solenoid Cap
 Servicing: 2114-47610, 2114-57603, S114-453, S114-454, S114-528, S114-528A, S114-806, S114-806A
 OD 50.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138364, 138814.



138819 Solenoid Cap
 Servicing: 2114-67605, 2114-87603, 2114-97605, S114-519A, S114-520A, S114-520B, S114-523, S114-525A, S114-530, S114-533, S114-534
 OD 49.85, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 135287, 138823, 232200.

Pkg. 5



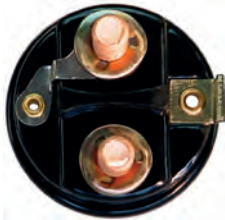
139330 Solenoid Cap
 Servicing: 2114-37613, 2114-97612, S114-850, S114-850A, S114-850B, S114-850C
 OD 49.75, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138170.

Pkg. 5


139604 Solenoid Cap

Servicing: 2114-27613, 2114-97601, S114-473, S114-480, S114-480A, S114-480B, S114-550, S114-550A, S114-808, S114-808A, S114-808B

OD 50.00, No./terminals 3,
Bracket type Crimp
HC-CARGO 138957, 139832.


139852 Solenoid Cap

Servicing: 2114-57606, 2250-77006, S25-110G, S25-110K, S25-110M, S25-164A, S25-64, S25-64E

OD 50.25, No./terminals 3,
Bracket type Crimp
HC-CARGO 139851.


231822 Solenoid Cap

Servicing: S114-829, S114-829A, S114-829B
OD 52.30, No./terminals 3,
Bracket type Crimp


234914# Solenoid Cap

Servicing: 2114-77607, S114-700A, S114-701, S114-701A, S114-806, S114-806A
OD 49.90, No./terminals 3

Moving Contacts

Pkg. 5


133270 Moving Contact

Servicing: S114-103, S114-146, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G

Length 29.60, Shaft measurement 29.60,
Thickness 2.00


135103 Moving Contact

Servicing: 2130-67005, 2130-77005, 2130-97004, 2250-47002

Length 34.30, Shaft measurement 33.45,
Thickness 2.90, Width 3.00


135104 Moving Contact

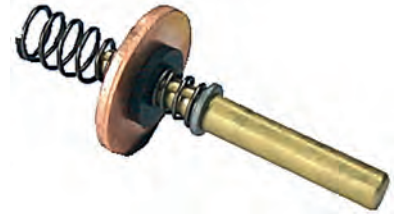
Servicing: 2114N-2750

Length 34.00, Shaft measurement 30.80,
Thickness 2.50, Width 13.00


135105 Moving Contact

Servicing: 2114-87503, S114-317, S114-317B, S114-320, S114-320A, S114-391A, S114-418, S114-419, S114-419A, S114-424, S114-424A

Length 24.00, Shaft measurement 41.60,
Thickness 2.00


139605 Moving Contact

Servicing: 2114-97601, S114-402A, S114-569A, S114-653B, S114-808C, S114-808D, S114-871, S114-925A, S114-925B, S114-925C, S13-250

OD 24.00, Length 24.00,
Shaft measurement 41.50, Thickness 1.80

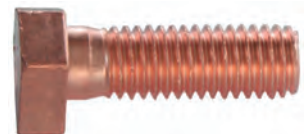

139853 Moving Contact

Servicing: 2250-27002, 2250-27003

Length 26.00, Shaft measurement 32.80,
Thickness 2.00

Fixed Contacts

Pkg. 10


234456 Fixed Contact

Total length 30.00,
Length/rear collar 24.20,
Thread length 20.70, Thread size M8

Various

Pkg. 10


230148 Spring

Servicing: 2114-27613, S114-808C, S114-808D

OD 8.60, Length 33.40

Drives



130440 Drive
 Replacing: 2114N-4550, 2114N-1560, 2114N-1550, 2114N-1150, 2114-4550, 2114-1560
 Servicing: S114-103, S114-121, S114-122, S114-126M, S114-139, S114-151, S114-173, S114-181, S114-301, S114-87, S114-91
 ID 13.00, OD 29.70, OD/housing 46.25, Total length 62.00, Splines A 10, No./teeth 9, Rotation CR



131085 Drive
 Replacing: 2114-65001, 2114-55004
 Servicing: S108-63, S108-89, S114-140, S114-141, S114-149, S114-156A, S114-160, S114-160A, S114-160B, S114-160D, S114-160E
 ID 12.50, OD 29.70, OD/housing 47.00, Total length 62.00, Splines A 5, No./teeth 9, Rotation CR



131086 Drive
 Replacing: 2114-95002, 2114-65004
 Servicing: S114-152, S114-155, S114-161, S114-161B, S114-161E, S114-161F
 ID 12.50, OD 28.00, OD/housing 46.20, Total length 62.00, Splines A 5, No./teeth 8, Rotation CR



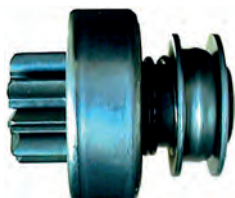
131783 Drive
 Replacing: 2114N-3550, 2114-75001, 2114-45007, 2114-45004
 Servicing: S114-103, S114-126M, S114-170B, S114-170E, S114-171, S114-172A, S114-172D, S114-172E, S114-173, S114-173B, S114-173E
 ID 12.55, OD 28.70, OD/housing 46.30, Total length 62.00, Splines A 10, No./teeth 9, Rotation CR



131852 Drive
 Replacing: 2114-95007, 2114-55007
 Servicing: S114-232, S114-232A, S114-237, S114-297, S13-317
 ID 12.00, OD 25.80, OD/housing 46.20, Total length 76.00, Splines A 10, No./teeth 9, Rotation CR



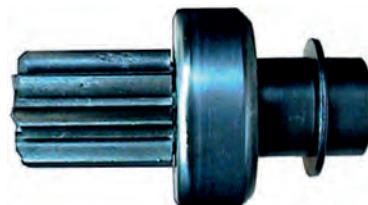
131984 Drive
 Replacing: 2250-35002, 2130-7550, 2130-35001, 2120-7550, 2120-7530, 2120-7500, 2120-35001, 2120-3500
 Servicing: S12-19, S12-24A, S12-41, S12-41A, S12-48, S12-58, S12-59, S12-61, S12-82, S12-88, S13-06, S13-06A, S13-25, S13-27
 ID 13.80, OD 33.00, OD/housing 60.05, Total length 69.00, Splines A 12, No./teeth 9, Rotation CR



131985 Drive
 Replacing: 2250-95003, 2250-55002, 2250-35004, 2250-35001, 2250-25002, 2130-25002, 2130-25001, 2120-9500
 Servicing: S12-19, S12-19C, S12-19K, S12-34, S12-38A, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S13-19C
 ID 14.00, OD 36.00, OD/housing 60.00, Total length 70.00, Splines A 12, No./teeth 9, Rotation CR



131986 Drive
 Replacing: 2114-65016, 2114-45504, 2114-25100, 2114-15550
 Servicing: S114-319, S114-320, S114-320A, S114-348, S114-348A, S114-376B, S114-389A, S114-390A, S114-391A, S114-413A, S114-443
 ID 12.40, OD 28.00, OD/housing 46.25, Total length 60.00, Splines A 10, No./teeth 8, Rotation CR



131988 Drive
 Replacing: 2114-15504, 2114-15100, 2114-15004
 Servicing: S114-315, S114-316, S114-362, S114-362A, S114-364, S114-402, S114-402A, S114-418, S114-419, S114-419A, S114-424
 ID 12.50, OD 27.85, OD/housing 46.00, Total length 82.00, Splines A 10, No./teeth 8, Rotation ACR



132001 Drive
 Replacing: 2214-25550, 2114-95553, 2114-85008, 2114-55506, 2114-45550, 2114-35506, 2114-25550
 Servicing: S114-253B, S114-254, S114-254B, S114-254D, S114-255, S114-255A, S114-258, S114-258C, S114-264, S114-268, S114-268A
 ID 11.90, OD 29.19, Total length 87.00, No./teeth 9, Rotation CR



132002 Drive
 Replacing: 2114-95508, 2114-55015, 2114-45013, 2114-25014
 Servicing: S114-430, S114-430A, S114-430B, S114-430C, S114-431A, S114-431B, S114-431C, S114-432A, S114-439, S114-452, S114-452A
 OD 59.80, Total length 77.65, No./teeth 21, Rotation ACR



132311 Drive
 Replacing: 2114-15503, 2114-15003
 Servicing: S108-77, S114-139, S114-184, S114-269, S114-305, S114-340, S114-350, S114-351, S114-363
 ID 12.55, OD 29.50, OD/housing 46.00, Total length 76.50, Splines A 10, No./teeth 9, Rotation CR


132447 Drive

Replacing: 2114-75005, 2114-15006, 2114-15002

Servicing: S114-213A, S114-225, S114-228, S114-245, S114-273, S114-303, S114-303A

ID 12.50, OD 29.00, OD/housing 48.00, Total length 62.00, Splines A 10, No./teeth 9, Rotation CR


132448 Drive

Replacing: 2114-15508

Servicing: S114-385, S114-387, S114-396, S114-412, S114-614

ID 12.50, OD 29.20, OD/housing 46.25, Total length 76.50, Splines A 5, No./teeth 9, Rotation CR


132449 Drive

Replacing: 2114-55003

Servicing: S114-203, S114-219, S114-230, S114-230A, S114-235, S114-235A, S114-235B

ID 12.55, OD 34.45, OD/housing 46.00, Total length 62.25, Splines A 5, No./teeth 11, Rotation CR


132450[#] Drive

Replacing: 2130-65001

Servicing: S13-47A, S13-49A, S13-50A

OD 35.20, Total length 87.00, Splines A 11, No./teeth 9


132453 Drive

Replacing: 2250-85004, 2250-45003, 2130-7500, 2130-5500

Servicing: S13-14, S13-15, S25-131, S25-131A, S25-155, S25-155C, S25-155D, S25-75, S25-75A

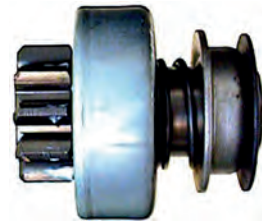
ID 14.00, OD 40.00, OD/housing 60.00, Total length 69.50, Splines A 12, No./teeth 11, Rotation CR


132845 Drive

Replacing: 2250-9550

Servicing: S24-64B, S24-64E, S25-128, S25-64, S25-64B, S25-64E

ID 14.00, OD 40.55, OD/housing 65.55, Total length 75.00, Splines A 12, No./teeth 11, Rotation CR


132918 Drive

Replacing: 2130-45002

Servicing: S12-84, S12-85, S12-87, S13-73, S13-74

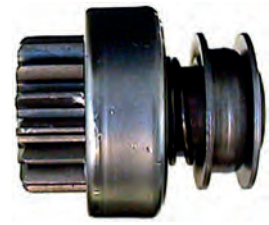
ID 14.00, OD 39.45, OD/housing 60.00, Total length 69.00, Splines A 12, No./teeth 10, Rotation CR


133058 Drive

Replacing: 2270-8500, 2250-95001, 2250-85005, 2250-45004, 2250-25004, 2250-25003

Servicing: S25-110F, S25-110G, S25-110K, S25-110L, S25-110M, S25-115, S25-115A, S25-125A, S25-125B, S25-135A, S25-137B, S25-142

ID 16.00, OD 40.00, OD/housing 60.00, Total length 77.60, Splines A 12, No./teeth 11, Rotation CR


133266 Drive

Replacing: 2280-3500, 2250-7500, 2250-65002, 2250-6500, 2250-550, 2130-65002, 2130-55005, 2120-45001

Servicing: S12-47, S12-52, S12-77A, S12-79, S12-83, S13-24, S13-24A, S13-37, S13-37B, S13-41, S13-41A, S13-41B, S13-41C, S13-41D

ID 14.05, OD 44.18, OD/housing 60.00, Total length 69.40, Splines A 12, No./teeth 15, Rotation CR


133361 Drive

Replacing: 2130-9500, 2120-15501

Servicing: S12-62, S13-29, S13-32, S13-32A

ID 14.00, OD 34.00, OD/housing 60.00, Total length 69.35, Splines A 12, No./teeth 9, Rotation CR


133437 Drive

Replacing: 2130-35004

Servicing: S13-91, S13-91A

OD 25.25, Total length 87.30, No./teeth 9, Rotation CR w/ bearing.


133465 Drive

Replacing: 2114-45002

Servicing: S114-146, S114-244, S114-244A, S114-417

ID 12.50, OD 44.00, OD/housing 54.20, Total length 62.17, Splines A 10, No./teeth 15, Rotation CR



133605 Drive

Replacing: 2130-85004, 2130-85003, 2130-75504, 2130-75003, 2130-75002, 2130-35009

Servicing: S114-338A, S114-339A, S114-339C, S114-339D, S114-371, S114-371A, S114-371B, S13-207, S13-207A, S13-207C, S13-210B

ID 12.00, OD 32.35, Total length 87.00, No./teeth 9, Rotation CR



134917 Drive

Replacing: 2114-45012

Servicing: S114-472, S114-472A, S114-505, S114-505A, S114-509, S114-526, S114-526A, S114-526B, S114-527, S114-527A, S114-527B

ID 12.55, OD 29.20, OD/housing 46.20, Total length 49.20, Splines A 10, No./teeth 9, Rotation CR

Best Choice



135091 Drive

Replacing: 2130-95007, 2130-75004, 2130-65008, 2130-1502, 2114-85501, 2114-45014, 2114-15507

Servicing: S114-293, S114-357, S114-357A, S114-357B, S114-357C, S114-367, S114-395, S114-395A, S114-471, S114-471A, S114-472

OD 34.90, Total length 87.00, No./teeth 9, Rotation CR

Alternative no.: 135091ZZ



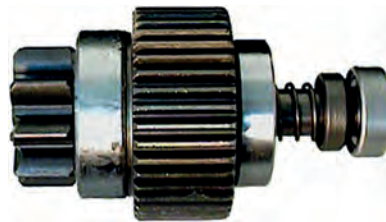
135091ZZ Drive

Replacing: 2130-95007, 2130-75004, 2130-65008, 2130-1502, 2114-85501, 2114-45014, 2114-15507

Servicing: S13-47A, S13-49A, S13-56A

ID 13.00, OD 35.50, OD/housing 53.10, Total length 87.05, No./teeth 9, Drive type Steel, Rotation CR

Alternative no.: 135091



135718 Drive

Replacing: 2130-15505, 2130-15005

Servicing: S13-106A, S13-106B, S13-106C, S13-106E, S13-117, S13-117A, S13-122, S13-126, S13-126A, S13-127, S13-127A, S13-127C

OD 35.00, Total length 93.50, No./teeth 9, Rotation CR

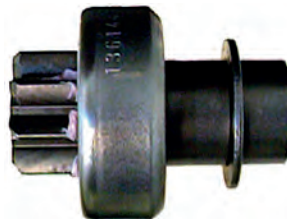


135719 Drive

Replacing: 2240-7500, 2240-4500

Servicing: S13-107, S13-107A, S24-05A, S24-05B, S24-08, S24-08A, S24-10, S24-11

OD 36.00, Total length 99.00, Splines A 11, No./teeth 9



136144 Drive

Replacing: 2114-45508

Servicing: S114-414, S114-414A, S114-651

ID 12.55, OD 28.25, OD/housing 47.00, Total length 60.35, Splines A 10, No./teeth 8, Rotation ACR



136208 Drive

Replacing: 2108F-3500, 2108-F3500, 2108-75002

Servicing: S108-116, S108-28K, S108-61, S108-61A, S108-61B, S108-61C, S108-61D, S108-61E, S108-61F, S108-61G, S108-66

ID 12.00, OD 29.50, OD/housing 46.20, Total length 39.60, Splines A 6, No./teeth 9, Rotation ACR
10 holes.



136228 Drive

Replacing: 2114-35551

Servicing: S114-503, S114-507A, S114-516, S114-516A, S114-528, S114-528A

OD 29.20, OD/housing 46.00, Total length 78.00, Splines A 5, No./teeth 9, Rotation CR

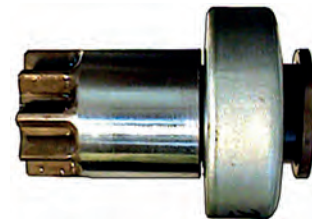


137277 Drive

Replacing: 2140-15003, 2140-1500, 2130-25005

Servicing: S13-111, S13-112, S13-112A, S13-113, S13-114, S13-114A, S13-136, S14-03, S14-203

OD 32.00, Total length 96.00, No./teeth 9



137413 Drive

Replacing: 2114-95014

Servicing: S114-659, S114-700A, S114-700B, S114-701, S114-701A, S114-705, S114-705A, S114-705B, S114-705C, S114-705D, S114-705E

OD 29.20, OD/housing 46.30, Total length 66.30, Splines A 5, No./teeth 9, Rotation CR



137752 Drive
 Replacing: 2114-65509
 Servicing: S114-440, S114-475, S114-475A, S114-486
 OD 28.00, Total length 94.00,
 No./teeth 8, Rotation ACR
 Alternative no.: 333859



137939 Drive
 Replacing: 2114-45016
 Servicing: S114-801A
 ID 12.55, OD 27.85, OD/housing 46.50,
 Total length 75.00, Splines A 10,
 No./teeth 8, Rotation ACR
 Used in gear set: HC-CARGO 234863.



138958 Drive
 Replacing: 2114-25554
 Servicing: S114-808, S114-808A, S114-808B, S114-808C, S114-808D, S114-814, S114-814A, S114-815, S114-817, S114-817A, S114-839
 ID 12.40, OD 34.50, OD/housing 48.00,
 Total length 38.50, Splines A 10,
 No./teeth 11, Rotation CR



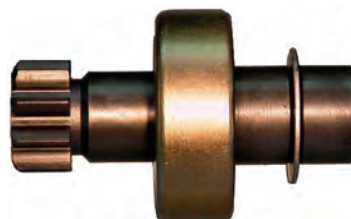
139132 Drive
 Replacing: 2114-15016
 Servicing: S114-750, S114-758, S114-762, S114-762A, S114-762B, S114-765, S114-766, S114-766A, S114-767, S114-775, S114-775A
 ID 12.55, OD 27.75, OD/housing 46.30,
 Total length 38.80, Splines A 10,
 No./teeth 8, Rotation CR



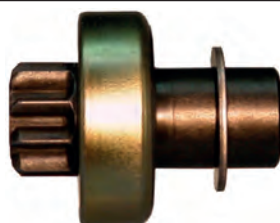
139841 Drive
 Replacing: 2240-9500, 2240-8500, 2240-2500
 Servicing: S24-03A, S24-03B, S24-03C, S24-13, S25-120, S25-120A, S25-161
 ID 12.15, OD 35.20, Total length 100.30,
 No./teeth 9, Rotation CR



139843 Drive
 Replacing: 2240-5500, 2240-1501
 Servicing: S24-07, S24-12
 ID 12.00, OD 32.00, Total length 100.00,
 No./teeth 9, Rotation CR



139897 Drive
 Servicing: S114-553, S114-553A
 ID 12.15, OD 25.55, OD/housing 48.25,
 Total length 77.60, Splines A 10,
 No./teeth 9, Rotation ACR



139899 Drive
 Servicing: S114-554, S114-554A
 ID 12.10, OD 25.60, OD/housing 47.65,
 Total length 60.70, Splines A 5,
 No./teeth 9, Rotation CR



230054 Drive
 Replacing: 2114-95015
 Servicing: S114-535
 ID 12.50, OD 28.00, OD/housing 47.60,
 Total length 68.60, Splines A 10,
 No./teeth 8, Drive type Steel, Rotation ACR



230247# Drive
 Replacing: 2114-25016
 Servicing: S114-804, S114-804A, S114-805, S114-805A, S114-806, S114-806A, S114-818A
 ID 12.50, OD 28.00, OD/housing 49.00,
 Total length 60.80, Splines A 10,
 No./teeth 8, Rotation CR



231795 Drive
 Servicing: S114-829, S114-829A, S114-829B, S114-829C, S114-829D, S114-869, S114-925, S114-925A, S114-925B, S114-925C
 ID 12.55, OD 33.25, OD/housing 48.50,
 Total length 38.60, Splines A 10,
 No./teeth 13, Rotation CR
 Shaft assy: HC-CARGO 233436.



231804 Drive
 Replacing: 2114-45100
 Servicing: S114-801B, S114-801C, S114-875
 ID 12.50, OD 32.00, OD/housing 46.25,
 Total length 75.00, Splines A 10,
 No./teeth 10, Rotation ACR



233436 Gear w/ drive
 Servicing: S114-829, S114-829A, S114-829B, S114-829C, S114-829D, S114-925A, S114-925B, S114-925C
 Total length 98.50, No./teeth 13, Rotation CR
 Drive only: HC-CARGO 231795.



235501 Drive
 Replacing: 2130-65006
 Servicing: S114-451A, S114-477, S114-851, S114-851A, S13-125
 OD 29.45, OD/housing 53.00, Total length 87.15, Splines A 10, Splines B 41, No./teeth 9, Rotation ACR



332138# Drive
 Replacing: 2114-75014
 Servicing: S114-558, S114-701A, S114-701B, S114-701BR
 ID 12.60, OD 29.50, OD/housing 48.80, Total length 66.20, Splines A 5, No./teeth 9, Drive type Steel, Rotation CR



233967 Drive
 Replacing: 2114-35556
 Servicing: S114-801D
 ID 12.50, OD 34.25, OD/housing 48.20, Total length 75.15, Splines A 10, No./teeth 11, Drive type Steel, Rotation ACR



235510 Drive
 Servicing: S14-100D, S14-100E, S14-101, S14-101C
 OD 35.40, Total length 92.00, No./teeth 9, Drive type Steel, Rotation CR



333859 Drive
 Replacing: 2114-65509
 Servicing: S114-440, S114-475, S114-475A, S114-486
 OD 28.00, Total length 94.00, No./teeth 8, Drive type Steel, Rotation ACR
 Alternative no.: 137752



234866 Drive
 Replacing: 2240-6501, 2240-2501
 Servicing: S25-163, S25-163A, S25-163B, S25-163C, S25-163E, S25-163F, S25-163G, S25-167
 OD 40.35, Total length 115.40, No./teeth 11, Rotation ACR



239909 Drive
 Servicing: S114-903, S114-903A, S114-905, S114-906, S114-907, S114-907A, S114-938, S114-943, S114-943A, S114-947, S114-947A
 ID 12.55, OD 27.80, OD/housing 48.64, Total length 38.78, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR



333900 Drive
 Replacing: 2114-35508
 Servicing: S114-388D, S114-566, S114-610
 ID 12.50, OD 29.20, OD/housing 47.00, Total length 82.50, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR



235004 Drive
 Replacing: 2114-35016
 Servicing: S114-769, S114-769A
 ID 12.50, OD 28.00, OD/housing 28.00, Total length 61.00, Splines A 10, No./teeth 8, Rotation ACR

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330154 Drive
 Servicing: S114-901, S114-901A, S114-901B, S114-902, S114-902A, S114-902B, S114-902C, S114-922, S114-922A, S114-955
 ID 12.60, OD 28.00, OD/housing 48.68, Total length 44.11, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR



333931 Drive
 Replacing: 2250-45006
 Servicing: S25-308A, S25-505A, S25-505C, S25-505E, S25-505F, S25-505G, S25-505H, S25-512A, S25-512B, S25-512D
 OD 40.50, Total length 132.50, Splines A 41, No./teeth 11, Drive type Steel, Rotation ACR



333973 Drive
 Replacing: 2240-8501
 Servicing: S25-168, S25-168A, S25-171, S25-501, S25-501A, S25-501B, S25-515A
 OD 40.30, Total length 104.00,
 Splines A 41, No./teeth 11,
 Drive type Steel, Rotation ACR



333974 Drive
 Replacing: 2130-45009
 Servicing: S13-160, S14-102, S14-102A, S14-102B, S14-104, S14-104B
 OD 35.00, Total length 96.00,
 Splines A 41, No./teeth 9,
 Drive type Steel, Rotation CR

Drive Parts

Caps

Pkg. 25



134209# Dp Cap
 ID 66.10, OD 68.00

Pkg. 100



134253 Dp Cap
 ID 47.24, OD 48.60

Pkg. 10



134256 Dp Cap
 ID 47.25, OD 48.30

Rollers

Pkg. 100



134930 Dp Rollers
 OD 5.95, Length 11.00

Pkg. 1000



135517 Dp Rollers
 OD 6.00, Length 10.95

Springs

Pkg. 1000



134265 Dp Springs
 Length 12.25

Pkg. 100



134347 Dp Springs
 Length 15.60

Pkg. 300



230489 Dp Springs
 Length 11.45

Pkg. 10



331022 Spring
 Length 17.50

Pinion

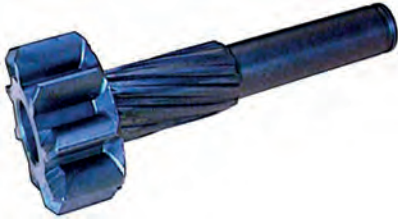


132003 Pinion
 Replacing: 2130-3503, 2114-55508, 2114-5508, 2114-15554
 Servicing: S114-255A, S114-264, S114-290, S114-290A, S114-290B, S114-374B, S114-403B, S114-446, S114-453, S114-454, S114-457
 OD 29.30, Height 87.30, No./splines 10, No./teeth 9



133041 Pinion
 Replacing: 2114-65008
 Servicing: S114-252, S114-252F, S114-322, S114-322A, S114-393, S114-393A, S114-478
 ID 12.00, OD 27.90, Height 87.15, No./splines 10, No./teeth 8

Pkg. 5

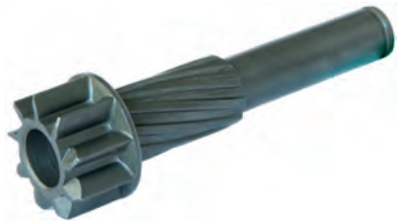


133042 Pinion

Replacing: 2130-6503, 2130-2501, 2114-95501

Servicing: S114-293, S114-357, S114-357A, S114-357B, S114-357C, S114-367, S114-395, S114-395A, S114-471, S114-471A, S114-472

ID 13.00, OD 35.30, Height 87.10, No./splines 10, No./teeth 9



133436 Pinion

Servicing: S13-91

OD 25.35, Height 87.50, No./splines 10, No./teeth 9



133606 Pinion

Replacing: 2130-95003

Servicing: S13-84, S13-84B, S13-87, S13-89, S13-89A

ID 11.90, OD 32.20, Height 87.00, No./splines 10, No./teeth 9



135010 Pinion

Replacing: 2130-25032, 2130-2503

Servicing: S13-111, S13-112, S13-113, S13-114, S13-114A, S13-136, S14-03

OD 32.60, Height 93.50, No./splines 10, No./teeth 9

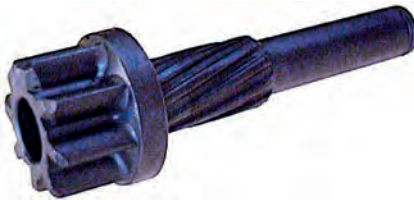


135271 Pinion

Replacing: 2130-1503

Servicing: S13-106A, S13-106B, S13-106C, S13-106E, S13-117, S13-117A, S13-122, S13-126, S13-126A, S13-127, S13-127C

OD 35.55, Height 93.35, No./splines 10, No./teeth 9



135364 Pinion

Replacing: 2114-75509

Servicing: ACR, S114-440, S114-475, S114-475A, S114-486

ID 12.00, OD 27.60, Height 94.40, No./splines 10, No./teeth 8



139844 Pinion

Replacing: 2240-5510

Servicing: S24-07

OD 32.30, Height 100.25, No./splines 11, No./teeth 9



230557 Pinion

Replacing: 2130-8503

Servicing: S13-204, S13-205

OD 35.50, Height 97.35, No./splines 10, No./teeth 9



233438 Pinion

Replacing: 2240-5511, 2240-1511

Servicing: S25-163A, S25-163B, S25-163C, S25-163E, S25-163F, S25-163G, S25-167

OD 40.20, Height 113.30, No./splines 11, No./teeth 11



233742 Pinion

Replacing: 2114-55008

Servicing: S114-121, S114-253B, S114-254D, S114-255A, S114-258C, S114-290B, S114-296A, S114-304, S114-344, S114-374B, S114-401B

OD 28.00, Height 87.40, No./splines 10, No./teeth 9

Planet Gears



234863[#] Planet Gear

Servicing: S114-801A

ID 12.40, OD 67.95, Total length 27.90, Splines A 10, No./teeth 8, Drive type Steel, Rotation ACR
Drive only: HC-CARGO 137939.



234904 Planet Gear

Servicing: S114-801B, S114-801C

Total length 134.00, No./splines 10, No./teeth 10, Rotation ACR
Drive only: HC-CARGO 231804.

Gear Parts
Gear Shafts

235485 Gear Shaft

Replacing: 2114-75562

Servicing: S114-800, S114-800A, S114-800B, S114-800C, S114-802A, S114-814, S114-814A, S114-815, S114-816, S114-817, S114-817A

OD/shaft 12.42, Total length 96.00, No./splines 10

Outer Gear

137932 Outer Gear

Replacing: 2114-88100

Servicing: S114-800, S114-800A, S114-800B, S114-800C, S114-801A, S114-801B, S114-801C, S114-801D, S114-801E, S114-802A, S114-804

ID 44.65, OD 56.90, Height 14.55, No./teeth 40

Gasket: HC-CARGO 231390.

Gear Covers

137935 Gear Cover

Replacing: 2114-84102, 2114-54102

Servicing: S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-804, S114-804A, S114-805

Bushing: HC-CARGO 140927.

Gear Wheels

Pkg. 3


137933 Gear Wheel

Replacing: 2114-98100, 2114-88101, 2114-18101

Servicing: S114-525A, S114-800, S114-800A, S114-800B, S114-800C, S114-801A, S114-801B, S114-801C, S114-801D, S114-801E, S114-802A

ID 6.25, OD 20.00, Height 9.00, No./teeth 15

Pkg. 3


138707# Gear Wheel

Replacing: 2114-58100

Servicing: S114-505A, S114-516A, S114-516B, S114-526, S114-526B, S114-527B, S114-528A, S114-700B, S114-705, S114-705A, S114-705B

ID 6.00, OD 19.80, Height 7.20, No./teeth 14

w/ bushing.

Gear Plates

137934 Gear Plate

Replacing: 2114-64102

Servicing: S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-804, S114-804A, S114-805

Various

Pkg. 5


231390 Gasket

ID 49.80, OD 55.25, Thickness 2.30, Material Rubber

232591 Vibration Damper

Servicing: S114-505A, S114-516A, S114-526, S114-526B, S114-528A, S114-700B, S114-705B, S114-705C, S114-705D, S114-705E, S114-750

OD 59.00, Height 14.50

Levers

134746# Lever Kit

Replacing: 2114-56013

Servicing: S114-160D, S114-160G, S114-163E, S114-315, S114-319, S114-364, S114-389A, S114-398, S114-402, S114-402A, S114-413A

Dist. 24.50, Length 83.65

134747 Lever Kit

Replacing: 2114-66012

Servicing: S114-254B, S114-254D, S114-255A, S114-255D, S114-258C, S114-264, S114-268, S114-290, S114-290A, S114-290B, S114-293

Length 107.50

135722 Lever

Replacing: 2240-1914, 2130-1914

Servicing: S13-106A, S13-106B, S13-106C, S13-106E, S13-107, S13-107A, S13-111, S13-112, S13-112A, S13-113, S13-114, S13-114A

Length 109.50



135836 Lever Kit
 Replacing: 2130-7605
 Servicing: S114-257, S13-104, S13-89, S13-92A
 Length 83.40



137533 Lever
 Replacing: 2114-26015
 Servicing: S114-473, S114-480, S114-480A, S114-480B, S114-850, S114-850A, S114-850B, S114-850C, S114-851, S114-851A, S114-870
 Length 102.55



137833# Lever
 Replacing: 2114-96014
 Servicing: S114-507A, S114-516, S114-516A, S114-528, S114-528A
 Dist. 24.70, Length 81.40



137938 Lever
 Replacing: 2114-76015
 Servicing: S114-800, S114-800A, S114-800B, S114-800C, S114-801A, S114-801B, S114-801C, S114-801D, S114-801E, S114-802A, S114-804
 Dist. 40.30, Length 76.00
 Spring: HC-CARGO 134740.



231287 Lever Kit
 Replacing: 2240-2650
 Servicing: S24-03A, S24-03B, S24-03C, S24-07, S24-12, S24-13, S24-13A, S24-14, S25-03B, S25-07
 Length 108.50



233376 Lever
 Servicing: S114-829, S114-829A, S114-829B, S114-829C, S114-829D
 Dist. 39.50, Length 79.35



235313 Lever
 Replacing: 2130-2914
 Servicing: S13-107A, S13-117A, S13-126A, S13-127, S13-212, S13-213, S13-213A, S13-307A, S13-317, S13-322, S13-322A, S13-326
 Length 109.16

Lever Parts

Various

Pkg. 5



134739 Spring
 Replacing: 2114-2657, 2114-1657
 Servicing: S108-63, S114-177, S114-245, S114-269, S114-271, S114-272, S114-298, S114-305, S114-340, S114-351, S114-363
 Length 30.70



Pkg. 5

134740 Spring
 Replacing: 2114-7657
 Servicing: S114-388D, S114-396, S114-473, S114-610, S114-614, S114-618, S114-618A, S114-618B, S114-801A, S114-801B, S114-801C
 Length 35.25

Clutches



132459 Clutch
 Replacing: 2140-15026, 2140-1502, 2130-7502, 2130-6502, 2130-5502, 2130-4502, 2130-15007, 2114-75008
 Servicing: S114-252F, S114-253B, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C, S114-264, S114-290
 ID 12.00, OD 52.00, Height 50.00



133904 Clutch
 Replacing: 2240-3550
 Servicing: S13-107, S13-107A, S13-118, S24-05B, S24-08, S24-08A, S24-10, S24-11
 OD 64.50



135059 Clutch
 Replacing: 2114-65012, 2114-45019, 2114-45015, 2114-25509
 Servicing: S114-430A, S114-430B, S114-430C, S114-431A, S114-431B, S114-431C, S114-432A, S114-439, S114-441A, S114-441B, S114-452
 OD 52.00, No./splines 10, Rotation ACR


139842 Clutch

Replacing: 2240-5550, 2240-4559, 2240-4550, 2240-2550
 Servicing: S24-03A, S24-03B, S24-03C, S24-07, S24-13, S25-161
 OD 64.50, Total length 57.42,
 Splines A 41, Splines B 11, Rotation CR


233437 Clutch

Replacing: 2240-7550
 Servicing: S25-163A, S25-163B, S25-163C, S25-163E, S25-163F, S25-163G, S25-167
 OD 64.50, Total length 69.30,
 No./splines 11


233887 Clutch

Replacing: 2130-8502
 Servicing: S13-204, S13-205
 OD 53.17, Total length 55.25

Brush Gears

132090 Brush Gear

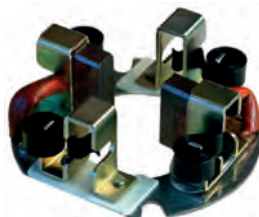
Replacing: 2114-89007, 2114-79001, 2114-69008, 2114-49007, 2114-4311, 2114-39001, 2114-29007
 Servicing: S114-252, S114-252A, S114-252F, S114-253A, S114-253B, S114-254A, S114-254B, S114-254C, S114-254D, S114-255A, S114-256B
 12 V, OD 74.55
 Neg. brushes. Brush set: HC-CARGO 140338.


132424 Brush Gear

Replacing: 2114-9310, 2114-89001, 2114-53001, 2114-3311, 2114-33101, 2114-33001, 2114-23003
 Servicing: S108-63, S108-78, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G
 12 V, OD 69.95
 Neg. brushes. Brush set: HC-CARGO 140336.


132425 Brush Gear

Replacing: 2250-4305, 2120-5305
 Servicing: S12-52, S12-58, S12-61, S12-62, S12-84, S12-88, S24-64B, S24-64E, S25-100A, S25-103, S25-106A, S25-117D, S25-120
 12/24 V, OD 101.00
 Neg. brushes. Brush set: HC-CARGO 140377.


133057 Brush Gear

Replacing: 2250-7310, 2250-5310, 2250-43015, 2250-23015, 2250-13015, 2130-7305
 Servicing: S13-33, S13-33A, S13-33B, S13-34A, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A, S13-41B, S13-45A, S13-45B
 12 V, OD 78.90
 Neg. brushes. Brush set: HC-CARGO 140378.


133332 Brush Gear

Replacing: 2114-93101, 2114-43101
 Servicing: S114-103, S114-126M, S114-139, S114-146, S114-170, S114-170B, S114-170E, S114-172A, S114-172D, S114-172E, S114-173
 12 V, OD 79.90
 Neg. brushes. Brush set: HC-CARGO 140334.


133333 Brush Gear

Replacing: 2114-99008, 2114-99001, 2114-5360
 Servicing: S114-184, S114-207, S114-244, S114-244A, S114-315, S114-316, S114-317, S114-317A, S114-317B, S114-319, S114-320
 12 V, OD 79.88
 Neg. brushes. Brush set: HC-CARGO 140334.


133334 Brush Gear

Replacing: 2130-4305
 Servicing: S13-06A, S13-14, S13-18, S13-24, S13-27, S13-27A, S13-28, S13-31, S13-32, S13-32A, S13-55
 12 V, OD 85.00
 Neg. brushes. Brush set: HC-CARGO 140377.


133653 Brush Gear

Replacing: 2114-19008
 Servicing: S114-440, S114-475, S114-475A, S114-486, S114-489
 12 V, OD 64.00
 Neg. brushes. Brush set: HC-CARGO 140338.


133730 Brush Gear

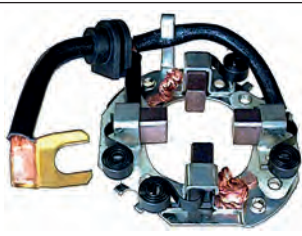
Replacing: 23378-10G100, 2240-3310, 2240-2310, 2240-1310, 2130-9305, 2130-93021, 2130-73022, 2130-73021
 Servicing: S13-100, S13-101, S13-102, S13-104, S13-105, S13-105A, S13-106A, S13-106B, S13-106C, S13-106E, S13-107, S13-107A
 12 V, OD 64.85
 Neg. brushes. Brush set: HC-CARGO 140567.



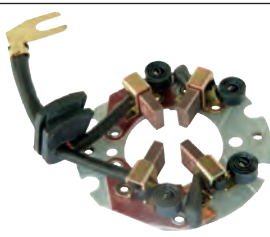
137121 Brush Gear
 Replacing: 2114-73105, 2114-63104, 2114-53105, 2114-53104, 2114-23106
 Servicing: S114-750, S114-751, S114-753, S114-758, S114-762, S114-762A, S114-762B, S114-765, S114-766, S114-766A, S114-767
 12 V, OD 61.20
 Alternative no.: 333647



137653 Brush Gear
 Replacing: 2114-23103
 Servicing: S114-456, S114-556, S114-556A, S114-558
 12 V, OD 66.00



137750 Brush Gear
 Replacing: 2114-93102, 2114-83102, 2114-39008, 2114-23104, 2114-13103
 Servicing: S114-364, S114-505, S114-505A, S114-507A, S114-509, S114-516, S114-516A, S114-517, S114-517C, S114-518, S114-519A
 12 V, OD 62.90
 Brush set: HC-CARGO 140786.



139166 Brush Gear
 Replacing: 2114-93104, 2114-83105
 Servicing: S114-566, S114-568, S114-568A, S114-569, S114-569A, S114-570, S114-570A, S114-570B, S114-570C, S114-650, S114-650A
 12 V, OD 69.85



233637 Brush Gear
 Replacing: 2240-4310
 Servicing: S13-250, S13-550, S25-163A, S25-163B, S25-163C, S25-163E, S25-163F, S25-163G, S25-167, S25-168, S25-168A, S25-171
 24 V
 Neg. brushes. Brush set: HC-CARGO 140567.

Brush Gear Parts

Brush Springs



133731 Brush Spring
 Replacing: 2130-8313, 2130-6313
 Servicing: S114-348, S114-348A, S13-100, S13-101, S13-102, S13-104, S13-105, S13-105A, S13-106, S13-106A, S13-106B, S13-106C
 Length 25.85



138709 Brush Spring
 Replacing: 2114-4317, 2114-2317
 Servicing: S114-750, S114-751, S114-753, S114-755, S114-756, S114-758, S114-762, S114-762A, S114-762B, S114-765, S114-766
 OD 8.80, Length 18.50



231298 Brush Spring
 Replacing: 2114-9314, 2114-4314
 Servicing: S108-63, S108-78, S108-89, S114-121N, S114-132, S114-136, S114-146, S114-164, S114-172E, S114-173, S114-173B, S114-173E
 OD 11.55, Length 22.90



231487 Brush Spring
 Replacing: 2240-1314, 2130-5313
 Servicing: S13-138, S13-138A, S13-160, S13-33, S13-33A, S13-33B, S13-34A, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A
 OD 14.20, Length 25.65

Brush Sets



140334 Brush Set
 Replacing: 94021409, 94021408, 9402-1409, 9402-1408, 2114-83124, 2114-8312, 2114-63124/83124, 2114-63124
 Servicing: S108-77, S108-78, S114-103, S114-108L, S114-121N, S114-122N, S114-126M, S114-132, S114-136, S114-139, S114-146
 12 V, Length 18.00, Lead length 33.00, Height 11.00, Thickness 7.00



140335 Brush Set
 Replacing: 2114-1315
 12 V, Length 17.20, Height 18.90, Thickness 6.45



140336 Brush Set
 Replacing: 2144-83121, 2114-93122/83121, 2114-93121/83121, 2114-93121/13123, 2114-8313, 2114-6313, 2114-5312
 Servicing: S108-116, S108-34B, S108-61, S108-61A, S108-61B, S108-61C, S108-61D, S108-61E, S108-61F, S108-61G, S108-63, S108-66
 12 V, Length 16.00, Lead length 36.50, Height 11.00, Thickness 7.00


140337 Brush Set

Replacing: 2250-4322, 2250-2323/4322, 2250-2323, 2250-1324

Servicing: S13-15, S13-61, S24-64B, S24-64E, S25-100A, S25-103, S25-106A, S25-117D, S25-120, S25-120A, S25-121A, S25-128, S25-129A
12 V, Length 19.50, Lead length 51.00, Height 20.00, Thickness 9.00


140338 Brush Set

Replacing: 2114-69002/59002, 2114-69002, 2114-6315, 2114-59002/69002, 2114-59002/6315, 2114-59002, 2114-33123

Servicing: S114-170B, S114-172D, S114-173B, S114-173E, S114-173F, S114-174, S114-180B, S114-181, S114-202, S114-232A, S114-233A
12 V, Length 16.00, Lead length 43.50, Lead length 2 33.50, Height 14.00, Thickness 7.00


140339 Brush Set

Replacing: 2120-9311, 2120-7312/9311, 2120-7312

Servicing: S12-19C, S12-41A, S12-59, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S12-77A, S12-78, S12-79, S12-82
12 V, Length 22.00, Lead length 43.50, Height 15.00, Thickness 8.00


140340 Brush Set

Replacing: 2108-6306, 2108-6305, 2108-4306, 2108-4305, 2108-2306, 2108-2305, 1811-1631

Servicing: S108-56, S114-150, S114-151, S114-156A, S114-91
12 V, Length 14.00, Lead length 33.60, Height 16.00, Thickness 6.00


140341 Brush Set

Replacing: 2114-6312, 2114-2313

Servicing: S114-152

12 V, Length 16.00, Lead length 32.00, Height 16.00, Thickness 7.00



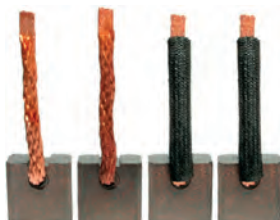
Pkg. 10

140376 Brush Set

Replacing: 2120-7311, 2120-5312/7311, 2120-5312, 2120-4311, 2120-1312, 2120-1311

Servicing: S12-19, S12-19K, S12-23, S12-24A, S12-32, S12-34, S12-41A, S12-47, S12-59

12 V, Length 22.30, Lead length 35.00, Height 14.25, Thickness 7.85



Pkg. 5

140377 Brush Set

Replacing: 2130-8312, 2130-23111, 2120-6312/8311, 2120-6312/2130-7311

Servicing: S12-48, S12-52, S12-58, S12-61, S12-62, S12-84, S12-85, S12-87, S13-06A, S13-25, S13-27, S13-27A, S13-28, S13-31

12 V, Length 22.00, Lead length 51.00, Height 20.00, Thickness 9.00


140378 Brush Set

Replacing: 2250-8323, 2250-7323, 2250-6323, 2250-5323, 2250-5322, 2250-3323, 2130-9312, 2130-8311

Servicing: S12-38A, S13-33, S13-33A, S13-33B, S13-34A, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A, S13-41B, S13-45A

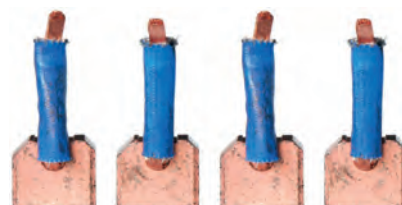
12-24 V, Length 18.00, Lead length 44.50, Height 25.00, Thickness 8.00


140379 Brush Set

Replacing: 2240-1312, 2240-1311/1312, 2240-1311, 2130-7312, 2130-3315, 2130-1311/7312, 2130-13111/3315

Servicing: S13-101, S13-102, S13-105, S13-105A, S13-129, S13-136, S13-160, S13-329, S13-529, S13-556, S13-556A, S13-62, S13-62B

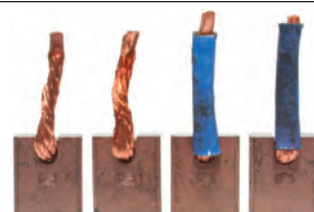
12 V, Length 15.80, Lead length 36.00, Lead length 2 52.00, Height 19.00, Thickness 7.00


140567 Brush Set

Replacing: 2130-73112, 2130-73111, 2130-63112, 2130-53112, 2130-43112, 2130-43111, 2130-23112/73111

Servicing: S13-100, S13-102, S13-104, S13-105, S13-105A, S13-106A, S13-106B, S13-106C, S13-106E, S13-107, S13-107A, S13-109

12 V, Length 16.00, Lead length 37.00, Height 19.00, Thickness 7.00


140595 Brush Set

Replacing: 2130-7311, 2130-4312/7311, 2130-4312, 2130-4311, 2130-3311, 2130-2312, 2130-1312/3311, 2130-1312

Servicing: S13-06, S13-06A, S13-10, S13-14, S13-18, S13-28, S13-29, S13-32, S13-32A, S13-55

12 V, Length 22.00, Lead length 33.00, Lead length 2 39.50, Height 19.50, Thickness 9.00


140597 Brush Set

Replacing: 2130-9311, 2130-6312/9311, 2130-6312

Servicing: S13-49A

12 V, Length 18.00, Lead length 44.50, Height 19.00, Thickness 8.00



140781 Brush Set

Replacing: 2114-73123/83123
 Servicing: S114-456, S114-556, S114-556A, S114-557, S114-557A, S114-558
 12 V, Length 16.00, Lead length 89.50,
 Lead length 2 25.75, Height 11.00,
 Thickness 4.50



140786 Brush Set

Replacing: 2114-93122, 2114-83121/93122, 2114-83121/73122, 2114-73122, 2114-63123/83121, 2114-63123
 Servicing: S114-364, S114-418, S114-419, S114-419A, S114-424, S114-424A, S114-501, S114-501A, S114-505, S114-505A, S114-509
 12 V, Length 16.00, Lead length 28.00,
 Lead length 2 143.00, Height 11.00,
 Thickness 7.00



140852 Brush Set

Replacing: 2114-83125, 2114-63125, 2114-53125, 2114-43125/83125, 2114-43125/63125, 2114-43125/53125
 Servicing: S114-750, S114-751, S114-752, S114-753, S114-755, S114-756, S114-758, S114-762, S114-762A, S114-762B, S114-765
 12 V, Length 17.00, Lead length 107.00,
 Lead length 2 34.50, Height 14.00,
 Thickness 4.50



140922 Brush Set

Replacing: 2114-43127/33127, 2114-43127, 2114-33127/43127, 2114-33127
 Servicing: S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-806, S114-806A, S114-808
 12 V, Length 15.50, Lead length 32.00,
 Lead length 2 121.50, Height 14.00,
 Thickness 4.50
 Alternative no.: 142333



140933 Brush Set

Replacing: 2114-93121, 2114-83124/83121, 2114-83121, 2114-59003, 2114-23124/83121, 2114-23124/6313, 2114-23124
 Servicing: S114-364, S114-398, S114-418, S114-419, S114-424, S114-435, S114-435A, S114-435B, S114-435D, S114-435E, S114-505A
 12 V, Length 16.00, Lead length 123.50,
 Lead length 2 32.32, Height 11.00,
 Thickness 7.00



140934 Brush Set

Replacing: 2114-83122/83121, 2114-83122, 2114-83121/83122
 Servicing: S114-516, S114-516A, S114-528, S114-528A
 12 V, Length 16.00, Lead length 82.00,
 Lead length 2 72.00/27.00, Height 11.00,
 Thickness 7.00



140953 Brush Set

Replacing: 2114-63126, 2114-53126/63126, 2114-53126
 Servicing: S114-800, S114-800A, S114-800B, S114-800C, S114-801A, S114-801B, S114-801C, S114-801D, S114-801E, S114-804, S114-804A
 12 V, Length 16.75, Lead length 98.00,
 Lead length 2 33.00/30.00, Height 13.80,
 Thickness 4.50



140986 Brush Set

Replacing: 2114-83126, 2114-83123, 2114-73126, 2114-73125/83123, 2114-73125, 2114-73123, 2114-72125/83123
 Servicing: S114-435F, S114-435G, S114-568, S114-568A, S114-569, S114-569A, S114-570, S114-570A, S114-570B, S114-570C, S114-650
 12 V, Length 16.00, Lead length 58.00,
 Lead length 2 32.00/25.00, Height 11.00,
 Thickness 4.50



141023 Brush Set

Replacing: 2280-1313, 2280-1312/1313, 2280-1312
 Servicing: S28-23B, S28-25
 24 V, Length 22.50, Lead length 69.00,
 Height 25.00, Thickness 10.00

Bushings



140306 Bushing

Replacing: 2114-1452
 Servicing: S114-126M, S114-131, S114-139, S114-141, S114-149, S114-151, S114-155, S114-156A, S114-171, S114-173, S114-173B
 ID 17.50, OD 20.10, Length 7.60



140307 Bushing

Replacing: 2114-1605
 Servicing: S12-43
 ID 12.00, OD 16.30, Length 22.50

Pkg. 5

Pkg. 5

Pkg. 10

Pkg. 10

Pkg. 10


140308 Bushing

Replacing: 2114-2302

ID 13.80, OD 19.20, Length 20.15

Pkg. 10


140309 Bushing

Replacing: 2106-1601

Servicing: S114-131, S114-152, S114-155, S114-156A

ID 11.55, OD 15.10, Length 14.00

Pkg. 10


140310 Bushing

Replacing: 2114-5661, 2114-4661

Servicing: S108-63, S108-89, S114-103, S114-146, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E

ID 12.52, OD 16.00, Length 15.00

Alternative no.: B140310

Pkg. 10


140311 Bushing

Replacing: 2270-3502, 2114-9352, 2114-8661, 2114-5352, 2114-1601

Servicing: S108-63, S108-78, S108-89, S114-103, S114-141, S114-146, S114-149, S114-152, S114-155, S114-160, S114-160A, S114-160B

ID 12.53, OD 16.05, Length 12.00

Alternative no.: B140311

Pkg. 10


140312 Bushing

Replacing: 2608-8401

ID 28.30, OD 35.70, Length 10.00

Pkg. 10


140313 Bushing

Replacing: 2130-2601, 2130-1310

Servicing: S12-41A, S12-48, S12-52, S12-58, S12-59, S12-61, S12-62, S12-87, S12-88, S13-06A, S13-138, S13-138A, S13-14, S13-18

ID 14.00, OD 18.00, Length 17.00

Alternative no.: B140313

Pkg. 10


140314 Bushing

Replacing: 2114-6601, 2114-3601

Servicing: S114-103, S114-121N, S114-122N, S114-126M, S114-132, S114-136, S114-139

ID 11.07, OD 15.08, Length 15.00

Alternative no.: B140314

Pkg. 10


140315 Bushing

Replacing: 2114-1352

Servicing: S114-103, S114-121N, S114-122N, S114-126M, S114-132, S114-136, S114-139, S114-151, S114-181, S114-301, S114-91

ID 11.52, OD 15.08, Length 13.00

Pkg. 10


140316 Bushing

Replacing: 2120-2601

Servicing: S12-19, S12-19C, S12-19K, S12-23, S12-24A, S12-32, S12-34, S12-41A, S12-47, S12-59, S12-63, S12-63A, S12-63B, S12-63C

ID 14.00, OD 18.00, Length 20.00

Alternative no.: B140316

Pkg. 10


140317 Bushing

Replacing: 2120-4401

Servicing: S114-232, S114-237, S12-19, S12-19C, S12-19K, S12-24A, S12-32, S12-34, S12-41A, S12-47, S12-48, S12-52, S12-58, S12-59

ID 20.35, OD 26.50, Length 12.50

Alternative no.: B140317

Pkg. 10


140318 Bushing

Replacing: 2120-4302

Servicing: S12-19, S12-19C, S12-19K, S12-23, S12-24A, S12-32, S12-34, S12-41A, S12-47, S12-59, S12-63, S12-63A, S12-63B, S12-63C

ID 15.03, OD 20.00, Length 16.00

Pkg. 10


140320 Bushing

Replacing: 23319-M0111

ID 11.06, OD 13.03, Length 13.00

Alternative no.: B140320



Pkg. 10

140489 Bushing

Replacing: 2250-3601

Servicing: S13-68, S13-68A, S13-68C, S13-76, S13-76A, S13-86, S25-110F, S25-110G, S25-110K, S25-110L, S25-110M, S25-125A, S25-125B

ID 16.05, OD 21.10, Length 16.90

Pkg. 10



140572 Bushing

ID 27.16, OD 31.14, Length 5.63

Alternative no.: B140572

Pkg. 10



140584 Bushing

ID 12.62, OD 14.00, Length 19.30

Alternative no.: B140584

Pkg. 10



140660 Bushing

Replacing: 2114-9661

Servicing: S114-456, S114-556

ID 11.17, OD 15.86, Length 12.70

Alternative no.: B140660



Pkg. 10

140669 Bushing

Replacing: 2114-14101

Servicing: S114-501, S114-501A, S114-505, S114-505A, S114-507A, S114-509, S114-516, S114-516A, S114-517, S114-517C, S114-518

ID 25.03, OD/collar 39.00, OD 32.07, Length 20.00, Height/collar 3.50

Alternative no.: B140669

Pkg. 10



140775 Bushing

ID 14.02, OD 15.60, Length 16.00

Alternative no.: B140775

Pkg. 5



140805# Bushing

Replacing: 2108-1821

Servicing: S108-107, S108-108, S108-111, S108-113, S108-114, S108-116, S108-56, S108-57, S108-61, S108-61A, S108-61B, S108-61C

ID 16.09, OD 20.07, Length 11.00

Pkg. 10



140869 Bushing

Servicing: S114-505, S114-509, S114-517, S114-517C, S114-526, S114-526A, S114-526B, S114-528A, S114-535, S114-705, S114-705A

ID 18.12, OD 22.10, Length 7.10

Alternative no.: B140869



Pkg. 10

140870 Bushing

Replacing: 2114-1353

Servicing: S114-141, S114-149, S114-150, S114-160A, S114-160H, S114-161B, S114-161E, S114-171, S114-172A, S114-173, S114-174

ID 12.04, OD 15.56, Length 5.50

Alternative no.: B140870

Pkg. 10



140905# Bushing

Servicing: S114-432A, S114-452, S114-452A, S114-456, S114-456A, S114-460, S114-460A, S114-460B, S114-464, S114-464A

ID 20.01, OD 25.00, Length 10.80

Alternative no.: B140905

Pkg. 10



140909# Bushing

Servicing: S114-232, S114-232A

ID 21.67, OD 26.46, Length 12.55

Alternative no.: B140909

Pkg. 10



140927 Bushing

Replacing: 2114-44101

Servicing: S114-520A, S114-520B, S114-750, S114-751, S114-752, S114-755, S114-756, S114-758, S114-762, S114-762A, S114-762B

ID 18.12, OD 22.04, Length 6.79

Alternative no.: B140927

Pkg. 10


140950 Bushing

Replacing: 2114-24101

 Servicing: S114-501, S114-501A, S114-505, S114-505A, S114-507A, S114-509, S114-516, S114-516A, S114-517, S114-517C, S114-518
 ID 15.70, OD 19.10, Length 7.00

Pkg. 10


140992 Bushing

 Servicing: S114-762, S114-762A, S114-762B
 ID 6.04, OD 9.81, Length 7.04

Pkg. 10


140993 Bushing

 Servicing: S114-808, S114-808A, S114-808B
 ID 6.16, OD 10.00, Length 8.91
 Alternative no.: B140993

Pkg. 10


140994 Bushing

 Servicing: S114-800, S114-800A, S114-800B, S114-802A, S114-806, S114-806A, S114-808, S114-808A, S114-808B, S114-829, S114-829A
 ID 6.84, OD 11.00, Length 8.00
 Alternative no.: B140994

Pkg. 10


140995 Bushing

Replacing: 2114-9601

 Servicing: S114-430A, S114-430B, S114-430C, S114-431A, S114-431B, S114-431C, S114-432A, S114-439, S114-452, S114-452A, S114-456
 ID 20.12, OD 25.12, Length 9.25
 Alternative no.: B140995

Alternative no.: B140995

Pkg. 10


141082 Bushing

ID 22.07, OD 26.00, Length 5.19

Pkg. 10


141132 Bushing

 Servicing: S114-526, S114-526B, S114-528A, S114-757, S114-869, S114-925
 ID 6.15, OD 10.00, Length 6.85

Pkg. 10


141133 Bushing

 Servicing: S108-28H, S108-28K, S108-56, S108-76, S108-76A
 ID 9.20, OD 13.08, Length 13.30

Pkg. 10


141134 Bushing

 Servicing: S114-753, S114-753C, S114-755, S114-756, S114-758, S114-762, S114-762A, S114-762B, S114-766A, S114-767, S114-775
 ID 8.15, OD 11.00, Length 8.25

Pkg. 10


141135 Bushing

 Servicing: S114-203, S114-613, S114-613A, S114-901, S114-901A, S114-901B, S114-905, S114-906, S114-938, S114-943A, S114-948
 ID 12.58, OD 16.03, Length 11.90

Pkg. 10


141136 Bushing

 Servicing: S114-161B, S114-161E, S114-161F, S114-182G, S114-315, S114-316, S114-317, S114-317A, S114-318, S114-318A, S114-345
 ID 12.55, OD 14.00, Length 19.00

Pkg. 10


141138 Bushing

 Servicing: S114-439A, S114-441A, S114-441B, S114-461, S114-484
 ID 20.20, OD 25.10, Length 10.65

Pkg. 10



141139 Bushing

Servicing: S114-503A, S114-516, S114-517C, S114-519A, S114-520B, S114-525, S114-527, S114-527A, S114-527B, S114-528, S114-528A
ID 18.21, OD 22.05, Length 7.00

Pkg. 10



141140 Bushing

Servicing: S15-02, S15-03
ID 18.05, OD 24.05, Length 19.25

Pkg. 10



141198 Bushing

Servicing: S114-829, S114-829A, S114-829B, S114-829C, S114-829D
ID 12.10, OD 16.03, Length 5.35

Pkg. 100



B140310 Bushing

Replacing: 2114-5661, 2114-4661
Servicing: S114-229F, S114-235
ID 12.52, OD 16.00, Length 15.00
Alternative no.: 140310

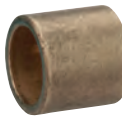
Pkg. 100



B140311 Bushing

Replacing: 2114-9352, 2114-8661, 2114-5352, 2114-1601
Servicing: S114-229F, S114-235, S114-317, S114-345, S114-525A, S114-653B, S114-808D, S114-829C, S114-829D, S114-871, S114-875
ID 12.53, OD 16.05, Length 12.00
Alternative no.: 140311

Pkg. 100



B140313 Bushing

Replacing: 2130-2601, 2130-1310
Servicing: S12-84, S12-85, S13-41C, S25-106, S25-121
ID 14.00, OD 18.00, Length 17.00
Alternative no.: 140313

Pkg. 100



B140314 Bushing

Replacing: 2114-6601, 2114-3601
ID 11.07, OD 15.08, Length 15.00
Alternative no.: 140314

Pkg. 100



B140316 Bushing

Replacing: 2120-2601
Servicing: S12-19KB
ID 13.99, OD 18.03, Length 19.90
Alternative no.: 140316

Pkg. 100



B140317 Bushing

Replacing: 2120-4401
Servicing: S12-19KB, S12-84, S12-85, S25-106, S25-121
ID 20.33, OD 26.53, Length 12.40
Alternative no.: 140317

Pkg. 100



B140584 Bushing

Replacing: 140584
ID 12.62, OD 14.00, Length 19.30
Alternative no.: 140584

Pkg. 100



B140660 Bushing

Replacing: 2114-9661
ID 11.17, OD 15.86, Length 12.75
Alternative no.: 140660

Pkg. 100



B140669 Bushing

Replacing: 2114-14101
ID 25.02, OD/collar 39.00, OD 32.10, Length 19.80, Height/collar 3.45
Alternative no.: 140669

Pkg. 100



B140775 Bushing
 Replacing: 140775
 ID 14.02, OD 15.60, Length 16.00
 Alternative no.: 140775

Pkg. 100



B140869 Bushing
 Replacing: 140869
 ID 18.12, OD 22.10, Length 7.00
 Alternative no.: 140869

Pkg. 100



B140870 Bushing
 Replacing: 2114-1353
 Servicing: S114-844A, S114-871, S114-947, S114-947A
 ID 12.04, OD 15.56, Length 5.50
 Alternative no.: 140870

Pkg. 100



B140927 Bushing
 Replacing: 2114-44101
 ID 18.11, OD 22.06, Length 6.60
 Alternative no.: 140927

Pkg. 100



B140993 Bushing
 Replacing: 140993
 ID 6.16, OD 10.00, Length 8.91
 Alternative no.: 140993

Pkg. 100



B140994 Bushing
 Replacing: 140994
 ID 6.84, OD 11.00, Length 8.00
 Alternative no.: 140994

Pkg. 100



B140995 Bushing
 Replacing: 2114-9601
 ID 20.12, OD 25.12, Length 9.25
 Alternative no.: 140995

Bearings

Ball Bearings

Pkg. 10



140222 FAG 608-2RS-C3 Ball Bearing
 Replacing: 2130-3509, 2114-55002, 2114-45511, 2114-15511, 2114-15502
 Servicing: S114-252F, S114-253B, S114-254B, S114-254C, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C
 ID 8.00, OD 22.00, Height 7.00,
 Alternative no.: 142279, 333106

Pkg. 10



140225 6903-2RS-P Ball Bearing
 Replacing: 2114-35511, 2114-25511, 2114-25502
 Servicing: S114-252F, S114-253B, S114-254B, S114-254C, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C
 ID 17.00, OD 30.00, Height 7.00



140226 6904-2RS-P Ball Bearing
 Replacing: 2130-5509, 2114-95502, 2114-75502, 2114-35502
 Servicing: S114-252F, S114-253B, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C, S114-264, S114-290B
 ID 20.00, OD 37.00, Height 9.00



140227 6905-2RS-P Ball Bearing
 Replacing: 2130-3302
 Servicing: S13-107A, S13-118, S13-138, S13-138A, S13-33, S13-33A, S13-33B, S13-34A, S13-37, S13-37B, S13-38A, S13-38B, S13-40
 ID 25.00, OD 42.00, Height 9.00

Pkg. 10



140271 FAG 6000-C-2HRS-C3 Ball Bearing
 Replacing: 6000J
 Servicing: LR1110-705, LR1110-705B, LR1110-709, LR1110-723B, LR140-703, LR140-704, LR140-705, LR140-707, LR140-708, LR140-708C
 ID 10.00, OD 26.00, Height 8.00,
 Alternative no.: 142277, 333099

Needle Bearings

Pkg. 5



140457 Needle Bearing

Replacing: 2130-3451

Servicing: S13-49A

ID 20.00, OD 26.00, Height 12.00

Pkg. 5



140495 Needle Bearing

Replacing: 2250-1451

Servicing: S13-33, S13-33A, S13-33B, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A, S13-45A, S13-45B, S13-68, S13-86

ID 15.00, OD 21.00, Height 12.00

Pkg. 5



140972 Needle Bearing

Replacing: 2114-1411

ID 22.00, OD 28.00, Height 16.00

Sundry Parts

C.E. Covers

Pkg. 5



134477 Cap

Replacing: 2114-4862, 2114-48012, 2114-28012

Servicing: S114-103, S114-160, S114-160B, S114-160D, S114-160G, S114-163, S114-163E, S114-163F, S114-170B, S114-170E, S114-172A

OD 43.10, Height 9.20



137834[#] C.E. Bracket

Replacing: 2130-33012

Servicing: S13-38A, S13-38B, S13-45A, S13-45B, S25-110G, S25-110K, S25-110M, S25-164A

ID 85.00

O-rings

Pkg. 10



134485 O-ring

Servicing: S13-289, S13-289A, S13-302, S13-302A, S13-302B, S13-331, S13-531

ID 4.00, Thickness 2.00

Pkg. 10



137038 O-ring

Servicing: LR1100-501, LR1100-501B, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G

ID 26.00, Thickness 2.00

Pkg. 5



231391 O-ring

Replacing: 2240-6901, 2114-88004

Servicing: S114-254B, S114-254D, S114-258C, S114-268, S114-290B, S114-296A, S114-322A, S114-344, S114-367, S114-374B, S114-393

ID 75.00, Thickness 1.00

Thru Bolts

Pkg. 2



139594 Through Bolt

Replacing: 2130-5820

Servicing: S13-138, S13-138A, S13-33, S13-33A, S13-33B, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A, S13-41D, S13-45A

Total length 149.60, Length/rear collar 145.55, Thread length 27.30, Thread size M5

Pkg. 2



230715 Through Bolt

Replacing: 2130-9820

Servicing: S114-520A, S114-520B, S13-100, S13-102, S13-104, S13-106A, S13-106B, S13-106C, S13-106E, S13-107, S13-107A, S13-109

Total length 144.90, Thread size M6

Pkg. 2



233603 Through Bolt

Replacing: 2120-6810

Servicing: S12-19, S12-19C, S12-19K, S12-48, S12-52, S12-58, S12-62, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D

Total length 169.00, Length/rear collar 164.35, Thread length 28.00, Thread size M6

Various



132847 Stop Collar Kit

Replacing: 2250-6105

Servicing: S12-48, S12-52, S12-58, S12-62, S12-88, S13-25, S13-32, S13-84, S13-84B, S24-64B, S24-64E, S25-106A, S25-120, S25-120A


133609 Stop Collar Kit

Replacing: 2114-7155, 2114-3158

Servicing: S114-146, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G, S114-160H

ID 12.52, OD 17.09, Height 4.62


133611 Stop Collar Kit

Replacing: 2114-29006

Servicing: S114-252F, S114-253B, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C, S114-264, S114-290B


134227 DP Washer

ID 27.00, OD 51.90, Thickness 3.15, Material Steel


134231 DP Washer

ID 22.00, OD 42.00, Thickness 3.00, Material Steel


134232 DP Washer

ID 22.55, OD 41.85, Thickness 0.60


135187[#] Stop Collar Kit

Replacing: 2240-1900

Servicing: S13-107A, S13-160, S14-102, S14-102A, S14-102B, S14-104, S14-104B, S24-03A, S24-03B, S24-03C, S24-05A, S24-05B, S24-07


135188 Cap

Replacing: 2130-2509

Servicing: S13-106A, S13-106B, S13-106C, S13-106E, S13-107, S13-107A, S13-111, S13-112, S13-113, S13-114, S13-117, S13-117A

ID 22.10, OD 23.20, Height 9.50


135360 DP Washer

ID 29.00, OD 52.00, Thickness 0.50, Material Steel


135478 Washer Kit

Replacing: 2114-8110

Servicing: D/D TYPES, S108-63, S108-89, S114-146, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E

ID 12.85, OD 27.50, Thickness 2.00/0.30, Material Steel


135492 Connection

Servicing: S114-519A, S114-520A, S114-520B, S114-525A, S114-528, S114-528A, S114-530, S114-533, S114-534, S114-535, S114-569


135522 Washer

ID 19.50, OD 33.00, Thickness 0.50, Material Fiber


135953 Bearing Plate

Replacing: 2114-38007

Servicing: S114-254B, S114-254D, S114-258C, S114-268, S114-290, S114-290A, S114-290B, S114-296A, S114-322, S114-322A, S114-344

ID 31.20, OD 75.30, Thickness 24.45, No./mount. holes 3, Gasket w/o

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10



135975 Dust Cover Kit

Replacing: 2114-6963, 2114-5963, 2114-3963

Servicing: S114-103, S114-146, S114-160, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G, S114-162D, S114-163, S114-163E



136111 Washer/ Seal Kit

Replacing: 2130-6913, 2130-3913

Servicing: S13-104, S13-105, S13-105A, S13-107, S13-114, S13-129, S13-131, S13-329, S13-529, S13-66, S13-66A, S13-92A

ID 28.90, OD 52.00, Thickness 0.80, Material Steel

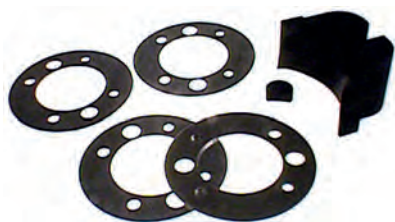


137301 Bearing Plate

Replacing: 2130-5615, 2130-4615

Servicing: S13-104, S13-106A, S13-106B, S13-106C, S13-106E, S13-111, S13-112, S13-112A, S13-113, S13-114, S13-114A, S13-117

ID 38.00, OD 75.20, Thickness 16.50, No./mount. holes 3, Gasket w/o



137302 Dust Cover Kit

Replacing: 2130-7913

Servicing: S13-106A, S13-106B, S13-106C, S13-106E, S13-122, S13-126, S13-126A, S13-127, S13-127A, S13-127C, S13-137A



137306 Rubber Boot

Replacing: 2114-2742

Servicing: S108-91, S114-164, S114-164A, S114-225, S114-228, S114-230, S114-230A, S114-235, S114-235A, S114-235B, S114-257

ID 22.35, OD 25.15, Length 28.50



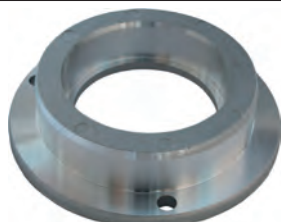
139207 Washer

ID 22.00, OD 40.00, Thickness 3.00, Material Steel



139208 Clutch Washer

ID 22.85, OD 39.25, Thickness 0.50, Material Steel

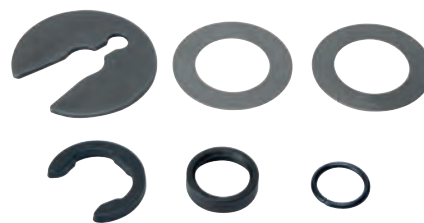


139276# Bearing Plate

Replacing: 2130-2615

Servicing: S114-357, S114-357A, S114-357B, S114-357C, S114-367, S114-395A, S114-471, S114-471A, S114-472, S114-472A, S114-482

ID 37.50, Thickness 17.00, No./mount. holes 3



139664 Washer Kit

Replacing: 2114-39505

Servicing: S114-769, S114-769A, S114-800, S114-800A, S114-800B, S114-800C, S114-801A, S114-801B, S114-801C, S114-801D, S114-801E



230246 Rubber/washer Kit

Replacing: 2114-88504

Servicing: S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-804, S114-804A, S114-805



230714 Rubber/washer Kit

Replacing: 2130-3917

Servicing: S13-122, S13-127, S13-127A, S13-127C, S13-212, S13-213, S13-213A, S13-307A, S13-322, S13-322A, S13-326, S13-327



231286 Bearing Plate

Replacing: 2240-3615

Servicing: S24-03A, S24-03B, S24-03C, S24-13, S25-161

ID 46.60, OD 92.00/70.00/52.20, Thickness 17.20, No./mount. holes 3, Gasket w/o

Pkg. 4


231297 Screw

Replacing: 2114-3215

Servicing: S108-111, S108-63, S108-78, S108-89, S114-151, S114-152, S114-155, S114-160A, S114-160B, S114-160D, S114-160E

Thread M8, Thread length 6.00, Slot type Phillips, Pozidriv, Countersink Yes


238659 Wire clip

Servicing: S114-750, S114-766A, S114-767, S114-769A, S114-800, S114-800A, S114-800B, S114-802A

Length 43.20, Thickness 20.00, Width 53.30, Material Steel, Self adhesive No

Pkg. 5


232593 Rubber Drain

Servicing: S114-516, S114-516A, S114-525, S114-525A, S114-528, S114-528A, S25-110G, S25-110K, S25-110M, S25-164A

ID 6.20, OD 7.85, Length 43.75


330153 Gasket

Servicing: S114-902, S114-902A, S114-922, S114-922A, S114-955

Length 210.00, Thickness 7.88, Width 7.73, Type Starter


233541[#] Connection

Servicing: S114-306, S114-453, S114-454, S114-458, S114-471, S114-471A, S114-472A, S114-482, S114-509, S114-516, S114-516A

Pkg. 10

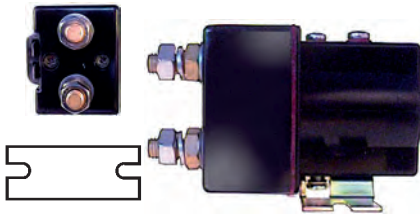

234642 Washer Kit

Servicing: S114-829, S114-829A, S114-829B, S114-829C, S114-829D

OD 23.00, Height 18.50

Solenoids

24 V



138685 Solenoid

Replacing: 3224
 24 V, 100 Amp, B+ M8,
 Total length 93.80, Height/B+ 20.25,
 Coil bolt M8, Coil bolt 2 20.10,
 No./terminals 4
 Silver contact.

All measurements are in mm, unless else stated.
 #Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Armatures
12 V

130319 Armature

Replacing: 16.360.326

 12 V, 3 kW, Shaft length 333.00,
Core thickness 75.00, No./splines 10,
Rotation CR

9 V: HC-CARGO 133515.

Alternative no.: F032130319


131075 Armature

Replacing: 16.360.325

 12 V, 3 kW, Shaft length 337.00,
Core thickness 75.00, No./splines 10,
Rotation CR

9 V: HC-CARGO 134285.

Alternative no.: F032131075


138212 Armature

Replacing: 16.360.402

 Servicing: 11.130.179, 11.130.201, 11.130.254,
11.130.366, 11.130.402, 11.130.403,
11.130.408, 11.130.409, 11.130.410, 11.130.411

 12 V, 3 kW, Shaft length 335.15,
Core thickness 75.00, No./splines 10,
Rotation CR

138260 Armature

Replacing: 16.360.198

 Servicing: 11.130.026, 11.130.074, 11.130.076,
11.130.127, 11.130.140, 11.130.190,
11.130.194, 11.130.198, 11.130.199, 11.130.200

 12 V, 3 kW, Shaft length 335.00,
Core thickness 74.80, No./splines 10,
Rotation CR

138670 Armature

Replacing: 16.360.277

 Servicing: 11.130.117, 11.130.119, 11.130.123,
11.130.203, 11.130.222, 11.130.247, 11.130.250,
11.130.309, 11.130.319, 11.130.386

 12 V, 2.4/2.7 kW, Shaft length 292.50,
Core thickness 75.00, No./splines 10,
Rotation CR

230855 ★ Armature

Manufacturer: Iskra/Mahle

Replacing: 16.361.103

 Servicing: 11.130.665, 11.130.694, 11.130.709,
11.130.736, 11.130.795, 11.130.811,
11.130.889, 11.130.895, 11.130.995, AZJ3217

 12 V, 2.7 kW, Shaft length 309.96,
Core thickness 75.00, No./splines 10,
Rotation CR

233991 ★ Armature

Manufacturer: Iskra/Mahle

Replacing: 16.361.897

Servicing: 11.130.979, 11.131.164

 12 V, 2.7 kW, Shaft length 145.40,
Core thickness 59.35, No./teeth 13

333777 Armature

Replacing: 16.907.753

 Servicing: 11.131.063, 11.131.108, 11.131.116,
11.131.221, 11.131.279, 11.131.315,
11.131.426, 11.131.605, 11.131.606, 11.131.696

 12 V, 3 kW, Shaft length 148.50,
Core thickness 60.00, No./teeth 10

24 V

130119 Armature

Replacing: 16.360.322

 24 V, 4 kW, Shaft length 333.00,
Core thickness 75.00, No./splines 10,
Rotation CR

18 V: HC-CARGO 137286.


130120 Armature

Replacing: 16.360.333

 Servicing: 11.130.041, 11.139.013,
11.139.025, 11.139.029, 11.139.506,
AZK5173, AZK5184, AZK5188, AZK5401,
AZK5545

 24 V, 5 kW, Shaft length 235.00,
Core thickness 83.00

Clutch housing: HC-CARGO 231369.


130320 Armature

Replacing: 16.360.068

 24 V, 5.5 kW, Shaft length 270.00,
Core thickness 83.00, Rotation CR

Clutch housing: HC-CARGO 231369.

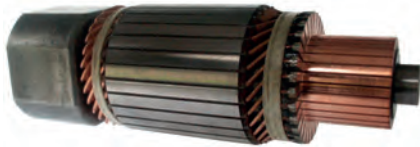

131116 Armature

Replacing: 16.360.576

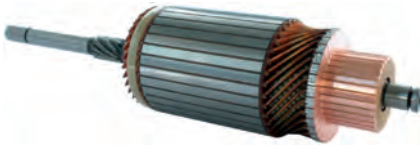
 24 V, 4.8 kW, Shaft length 366.00,
Core thickness 75.00,
No./splines 10, Rotation CR



131309 Armature
 Replacing: 16.360.324
 24 V, 4 kW, Shaft length 337.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR
 18 V: HC-CARGO 137287.



131311 Armature
 Manufacturer: Remy
 Replacing: 16.360.539
 Servicing: 11.139.030, 11.139.032,
 11.139.107, AZK5189, AZK5191, AZK5456
 24 V, 6.6 kW, Shaft length 256.00,
 Core thickness 83.00, Rotation CR
 Clutch housing: HC-CARGO 231369.



138831 Armature
 Replacing: 16.360.703, 16.360.404
 Servicing: 11.130.010, 11.130.364, 11.130.367,
 11.130.407, 11.130.490, 11.130.491,
 11.130.492, 11.130.534, 11.130.537, 11.130.595
 24 V, 4 kW, Shaft length 335.00,
 Core thickness 75.00, No./splines 10,
 Rotation CR

Field Coils

12 V



130128 Field Coil
 Manufacturer: Bosch
 Replacing: 16.905.391
 12 V, 3 kW, Height 133.50,
 Width 275.60, Internal height 85.60,
 Inner width 32.50



130323 Field Coil
 Replacing: 18.500.808
 Servicing: 10.130.140, 10.130.141, 10.130.142,
 10.130.146, 10.130.207, 11.130.009,
 11.130.104, 11.130.116, 11.130.126, 11.130.320
 12 V, 3 kW, Height 115.85,
 Internal height 73.60, Inner width 28.60



130325 Field Coil
 Replacing: 18.500.806, 18.500.803
 Servicing: 10.130.141, 10.130.142,
 10.130.207, 11.130.009, 11.130.104,
 11.130.116, 11.130.126, 11.130.320,
 AZK5105, AZK5106
 12 V, 3 kW, Height 116.00,
 Internal height 71.25, Inner width 28.65



131134 Field Coil
 Manufacturer: Bosch
 Replacing: 16.905.386
 12 V, 3 kW, Height 128.30,
 Internal height 87.00, Inner width 32.25



230854 Field Coil
 Manufacturer: Iskra/Mahle
 Replacing: 16.906.171, 16.905.171
 Servicing: 10.201.032, 11.130.019,
 11.130.117, 11.130.119, 11.130.123,
 11.130.203, 11.130.222, 11.130.247,
 11.130.248, 11.130.250
 12 V, 2.7 kW, Height 113.75,
 Internal height 72.30, Inner width 31.25

24 V



130127 Field Coil
 Replacing: 16.905.384
 24 V, 4 kW, Height 127.00,
 Width 277.00, Internal height 86.50,
 Inner width 33.00



130130 Field Coil
 Manufacturer: Remy
 Replacing: 18.500.044
 24 V, 5.5/6.5 kW, Height 152.25,
 Width 308.00, Internal height 100.50,
 Inner width 28.60
 Long.



130322 Field Coil
 Replacing: 18.500.807
 Servicing: 10.130.121, 10.130.123,
 10.130.125, 11.130.005, 11.130.115,
 11.130.606
 24 V, 4 kW, Height 114.15,
 Internal height 72.25, Inner width 28.40



131074 Field Coil
 Replacing: 16.905.621
 24 V, 4 kW, Height 127.60,
 Internal height 86.75, Inner width 33.30



231014 Field Coil
 Manufacturer: Iskra/Mahle
 Replacing: 16.905.693, 16.905.229
 Servicing: 11.130.010, 11.130.030, 11.130.151, 11.130.339, 11.130.407, 11.130.491, 11.130.598, 11.130.672, 11.130.673, AZJ0602
 24 V, 4 kW, Height 142.20, Internal height 102.30, Inner width 31.50

Solenoids

12 V



130281 Solenoid
 Replacing: 16.670.127
 12 V, B+ Cable, OD 85.90, Total length 93.80



130302 Solenoid
 Replacing: 16.908.491
 Servicing: 11.130.793, 11.130.794, 11.131.092, AZF4522
 12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/cover 29.60, OD 61.00, OD/cover 53.45, Total length 164.30, Height/B+ 23.00, Width/kl. 30h 16.00, Width/kl. 50 2.95, Coil bolt M10, Coil bolt 2 17.00, No./terminals 3
 Cap: HC-CARGO 131317.
 Alternative no.: 333137 , 130302Z



130806 Solenoid
 Replacing: 16.670.124
 12 V, B+ M10, Kl. 50 M4, ID/cover 30.45, OD 61.20, OD/cover 53.50, Total length 162.65, Height/B+ 21.85, Width/kl. 50 3.65, Coil bolt M10, Coil bolt 2 15.15, No./terminals 3
 Cap: HC-CARGO 131318.



131370 Solenoid
 Replacing: ARD1133, 11.250.142, 11.250.121
 12 V, 80 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 52.10, OD/cover 45.20, Total length 101.75, Height/B+ 17.50, Width/kl. 50 10.65, Coil bolt M8, Coil bolt 2 17.50, Seconds 5, No./terminals 4
 Water proof. Silver contact. Insulated return.

Alternative no.: 333160



133983 Solenoid
 Replacing: 16.905.426
 Servicing: 11.130.210, 11.130.291, 11.130.334, 11.130.351, 11.130.600, AZF3513, AZF3524, AZF3527, AZF3533
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/cover 25.20, OD 56.25, OD/cover 46.90, Total length 120.75, Height/B+ 15.00, Width/kl. 15a 14.50, Width/kl. 50 14.70, Coil bolt M8, Coil bolt 2 15.00, No./terminals 4
 Cap: HC-CARGO 137866.



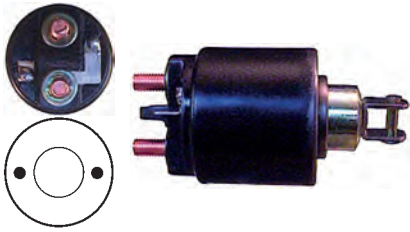
134042 Solenoid
 Replacing: 16.907.055, 16.905.810, 16.905.524, 16.905.423, 16.905.402
 Servicing: 11.130.166, 11.130.233, 11.130.234, 11.130.244, 11.130.245, 11.130.292, 11.130.293, 11.130.321, 11.130.338, 11.130.352
 12 V, B+ M8, Kl. 50 6.30, ID/cover 25.25, OD 56.00, OD/cover 47.10, Total length 121.80, Height/B+ 14.70, Width/kl. 50 14.85, Coil bolt M8, Coil bolt 2 14.45, No./terminals 3
 Cap: HC-CARGO 133890.



135092 Solenoid
 Replacing: 16.906.658, 16.905.418
 Servicing: 11.130.208, 11.130.346, 11.130.582, 11.130.646, 11.130.790, 11.130.956, AZE1203, AZE2522, AZF3512, AZF3531, AZF3558
 12 V, B+ M8, Kl. 50 6.30, ID/cover 26.35, OD 54.00, OD/cover 48.35, Total length 103.85, Height/B+ 18.45, Width/kl. 50 10.00, Coil bolt M8, Coil bolt 2 18.00
 Cap: HC-CARGO 133892.



139522 Solenoid
 Manufacturer: Iskra/Mahle
 Replacing: 16.906.642, 16.906.542, 16.905.754
 Servicing: 11.130.123, 11.130.179, 11.130.203, 11.130.322, 11.130.376, 11.130.403, 11.130.410, 11.130.500, 11.130.510, 11.130.532
 12 V, B+ M10, Kl. 50 6.30, OD 61.00, OD/cover 53.85, Total length 171.20, Height/B+ 24.00, Width/kl. 50 10.40, Coil bolt M10, Coil bolt 2 18.20, No./terminals 3

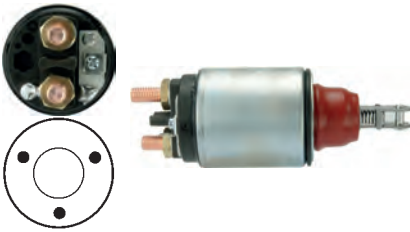


139523 Solenoid

Replacing: 16.905.814

Servicing: 11.130.328, 11.130.395, 11.130.398, 11.130.505, 11.130.965, AZE1502, AZE1507, AZF3549, AZF3555

12 V, B+ M8, Kl. 50 6.30, ID/cover 26.20, OD 54.00, OD/cover 48.45, Total length 100.00, Height/B+ 14.75, Width/kl. 50 11.10, Coil bolt M8, Coil bolt 2 14.15, No./terminals 3

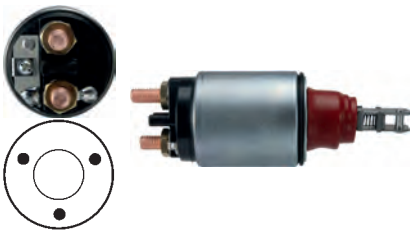


139634 Solenoid

Replacing: 16.906.015, 16.905.244, 16.905.143

Servicing: 11.130.019, 11.130.026, 11.130.083, 11.130.117, 11.130.201, 11.130.247, 11.130.248, 11.130.250, 11.130.253, 11.130.254

12 V, B+ M10, ID/cover 30.00, OD 60.90, OD/cover 53.75, Total length 152.65, Height/B+ 23.00, Coil bolt M10, Coil bolt 2 17.90, No./terminals 3



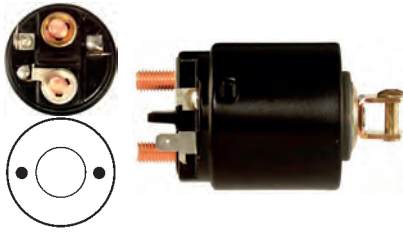
230853 Solenoid

Manufacturer: Iskra/Mahle

Replacing: 16.908.097, 16.905.240

Servicing: 11.130.127, 11.130.140, 11.130.198, 11.130.199, 11.130.251, 11.130.366, 11.130.409, 11.130.436, 11.130.565, 11.130.685

12 V, B+ M10, OD 61.00, OD/cover 53.80, Total length 168.45, Height/B+ 23.50, Coil bolt M10, Coil bolt 2 19.00, No./terminals 3



231012 Solenoid

Manufacturer: Iskra/Mahle

Replacing: 16.906.836

Servicing: 11.130.724, 11.130.845, AZE2538, AZE2558

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/cover 16.80, OD 53.90, OD/cover 51.90, Total length 99.50, Switch dim. 5.60, Height/B+ 15.00, Width/kl. 50 6.30, No./terminals 4
Cap: HC-CARGO 137866.



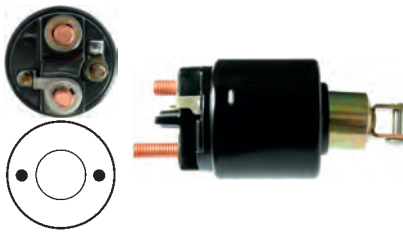
233765 Solenoid

Manufacturer: Iskra/Mahle

Replacing: 16.906.819

Servicing: 11.130.432, 11.130.619, 11.130.732, 11.130.838, 11.130.839, AZJ3123, AZJ3196, AZJ3255, AZJ3291, AZJ3292

12 V, B+ M10, ID/cover 30.00, OD 61.00, OD/cover 53.80, Total length 153.00, Height/B+ 23.25, Coil bolt M10, Coil bolt 2 18.90, No./terminals 3



234943 Solenoid

Manufacturer: Iskra/Mahle

Replacing: 16.906.653

Servicing: 11.130.558, 11.130.647, 11.130.651, AZE2507, AZE2523, AZE2525

12 V, B+ M8, Kl. 50 M6, ID/cover 26.40, OD 54.30, OD/cover 47.80, Total length 109.40, Height/B+ 22.15, Width/kl. 50 14.41, Coil bolt M8, Coil bolt 2 11.31, No./terminals 3



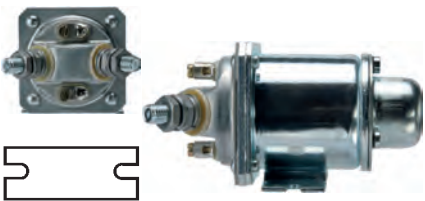
235093 Solenoid

Manufacturer: Iskra/Mahle

Replacing: 16.908.624

Servicing: 11.131.052, 11.131.136, 11.131.157, 11.131.164, 11.131.186, 11.131.233, AZE1230, AZE2117, AZE2138, AZE2141, AZE2636

12 V, B+ M8, Kl. 50 6.30, OD 54.05, Total length 102.93, Height/B+ 14.83, Coil bolt M8, Coil bolt 2 15.00, No./terminals 3



333160 Solenoid

Manufacturer: Bosch

Replacing: ARD1133, 11.250.142, 11.250.121

12 V, 80 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 52.10, OD/cover 45.20, Total length 101.75, Height/B+ 17.50, Width/kl. 50 10.65, Coil bolt M8, Coil bolt 2 17.50, Seconds 5, No./terminals 4
Water proof. Silver contact. Insulated return.

Alternative no.: 131370



333742* Solenoid

Replacing: 11.250.147

24 V, 150 Amp


335047 Solenoid

Replacing: 16.915.546

Servicing: 11.131.605, 11.131.606, 11.131.716, 11.131.761, 11.131.780, 11.131.781, 11.131.793, 11.131.932, 11.131.942, 11.131.946

12 V, B+ M10, Kl. 50 M6, OD 61.00, OD/cover 53.90, Total length 162.50, Height/B+ 25.00, Coil bolt M8, No./terminals 3

24 V


130282 Solenoid

Replacing: 16.670.073

Servicing: 11.139.030, AZK5189

24 V, B+ Cable, OD 69.30, Total length 91.20


130303 Solenoid

Replacing: 16.905.395

 24 V, B+ M10, Kl. 30h M10, Kl. 50 M6S, ID/cover 30.00, OD 60.90, OD/cover 53.35, Total length 173.00, Height/B+ 23.95, Width/kl. 30h 16.75, Width/kl. 50 12.82, Coil bolt M10, Coil bolt 2 18.00, No./terminals 3
 Cap: HC-CARGO 133447.

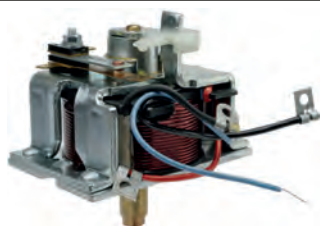
Alternative no.: 333138 , 130303Z, 333664


130303Z Solenoid

Replacing: 16.905.395

 24 V, B+ M10, Kl. 30h M10, Kl. 50 M6S, ID/cover 30.00, OD 60.90, OD/cover 53.35, Total length 173.00, Height/B+ 23.95, Width/kl. 30h 16.75, Width/kl. 50 12.82, Coil bolt M10, Coil bolt 2 18.00, No./terminals 3
 Cap: HC-CARGO 133447.

Alternative no.: 130303


130304 Solenoid

Replacing: 16.150.010

Servicing: 11.130.041, 11.139.013, 11.139.025, 11.139.029, 11.139.030, 11.139.032, 11.139.506, AZK5173, AZK5184, AZK5188, AZK5189

24 V, B+ Cable, OD 95.25, Total length 93.30

Alternative no.: 333155


131053 Solenoid

Replacing: 16.670.119

 24 V, B+ M10, ID/cover 30.00, OD 60.90, OD/cover 53.15, Total length 182.30, Height/B+ 23.30, Width/kl. 50 2.25, Coil bolt M10, Coil bolt 2 16.30, No./terminals 3
 Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.

Alternative no.: 333143


133554 Solenoid

Replacing: 16.670.012

Servicing: 11.130.041, 11.139.013, 11.139.025, 11.139.029, 11.139.032, 11.139.506, AZK5173, AZK5184, AZK5188, AZK5191, AZK5401

24 V, OD 69.30, Total length 91.90

Alternative no.: 333154


139988 Solenoid

Manufacturer: Iskra/Mahle

Replacing: 16.905.159

Servicing: 11.130.141, 11.130.364, 11.130.491, 11.130.645, 11.130.676, AZJ3132, AZJ3211, AZJ3223, AZJ3518, AZJ3593

24 V, B+ M10, ID/cover 30.00, OD 60.85, OD/cover 53.75, Total length 147.20, Height/B+ 18.20, Coil bolt M10, Coil bolt 2 17.25, No./terminals 3

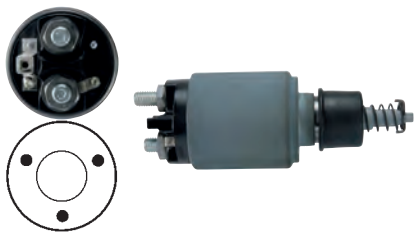

234985 Solenoid

Manufacturer: Iskra/Mahle

Replacing: 16.905.764

Servicing: 11.130.146, 11.130.216, 11.130.225, 11.130.492, 11.130.598, 11.130.687, 11.130.861, AZJ3133, AZJ3188, AZJ3231, AZJ3298

24 V, B+ M10, Kl. 50 6.30, ID/cover 46.65, OD 60.97, OD/cover 58.64, Total length 155.00, Switch dim. 10.41, Height/B+ 14.82, Coil bolt M10, Coil bolt 2 10.51, No./terminals 3



333143 Solenoid
 Manufacturer: Bosch
 Replacing: 16.670.119
 24 V, B+ M10, ID/cover 30.00, OD 60.90, OD/cover 53.15, Total length 182.30, Height/B+ 23.30, Width/kl. 50 2.25, Coil bolt M10, Coil bolt 2 16.30, No./terminals 3
 Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.
 Alternative no.: 131053



333154 Solenoid
 Manufacturer: Bosch
 Replacing: 16.670.012
 24 V, OD 69.30, Total length 91.90
 Alternative no.: 133554



333155 Solenoid
 Manufacturer: Bosch
 Replacing: 16.150.010
 24 V, B+ Cable, OD 95.25, Total length 93.30
 Alternative no.: 130304



333664 Solenoid
 Replacing: 16.905.395
 24 V, B+ M10, Kl. 50 M6, OD 60.00, OD/cover 53.30, Total length 173.00, Height/B+ 18.40, No./terminals 3
 Alternative no.: 130303, 130303Z, 333138



333669 Solenoid
 Manufacturer: Iskra/Mahle
 Replacing: 11.250.187
 24 V, 300 Amp, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 61.20, OD/cover 54.25, Total length 113.75, Coil bolt M8, No./terminals 4

Solenoid Parts

Solenoid Caps



133890 Solenoid Cap
 Servicing: 11.130.007, 11.130.102, 11.130.166, 11.130.233, 11.130.244, 11.130.338, 11.130.392, 11.130.417, 11.130.590, 11.130.722
 OD 51.90, No./terminals 3, Bracket type Crimp
 HC-CARGO 133640, 134042.



133892 Solenoid Cap
 Servicing: 11.130.208, 11.130.328, 11.130.346, 11.130.398, 11.130.582, 11.130.646, 11.130.790, 11.130.956, 11.130.965, 16.905.418
 OD 51.70, No./terminals 3, Bracket type Crimp



139599 Solenoid Cap
 Servicing: 11.130.529, 11.130.556, 16.905.157, AZE1521, AZE1523
 OD 51.80, No./terminals 3

Moving Contacts

Pkg. 5



133891 Moving Contact
 Servicing: 16.905.423, 16.905.426
 Length 36.10, Shaft measurement 42.55, Thickness 2.50, Width 15.10,
 Solenoid: HC-CARGO 133983, 134042.

Drives



130414 Drive
 Replacing: 16.900.920
 Servicing: 11.130.300, 11.130.399, 11.130.726, 11.130.885, 11.130.886, AZJ3107, AZJ3252, AZJ3311, AZJ3312
 ID 12.00, OD 25.80, OD/housing 54.50, Total length 71.50, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130414Z, 130414ZZ, 333516

Best Choice



130414Z Drive
 Replacing: 16.900.920
 ID 12.00, OD 25.80, OD/housing 54.00, Total length 71.50, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130414



130414ZZ Drive
 Replacing: 16.900.920
 ID 12.00, OD 25.20, OD/housing 54.15, Total length 70.95, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130414, 130414Z


130417 Drive

Replacing: 18.100.098, 18.100.023, 16.909.070

Servicing: 10.130.121, 10.130.123, 10.130.142, 10.130.172, 10.130.181, 10.130.207, 11.130.005, 11.130.009, 11.130.104, 11.130.115


ID 14.70, OD 34.70, OD/housing 35.00, Total length 120.00, Splines A 3, No./teeth 9, Rotation CR


130418 Drive

Replacing: 16.909.002, 15.100.152

Servicing: 11.139.002, 11.139.003, 11.139.006, 11.139.010, 11.139.011, 11.139.012, 11.139.013, 11.139.014, 11.139.016, 11.139.019

ID 10.15, OD 41.00, Total length 61.00, No./teeth 11


 Alternative no.: 333175 , 130418Z

 Best Choice

130419 Drive

Replacing: 15.100.092

ID 10.15, OD 34.30, Total length 61.10, No./teeth 9, Rotation CR

 Alternative no.: 333173 , 130419Z

130419Z Drive

Replacing: 15.100.092

ID 14.00, OD 34.80, Total length 61.10, No./teeth 9, Rotation CR

 Alternative no.: 333173 , 130419

130722 Drive

Replacing: 18.100.104

Servicing: 10.130.141, 10.130.146, 11.130.320, AZK5111

ID 14.70, OD 39.00, Total length 120.00, Splines A 3, No./teeth 10


130740 Drive

Replacing: 16.900.038

ID 11.50, OD 25.30, OD/housing 41.30, Total length 65.00, Splines A 2, No./teeth 9, Rotation ACR


131167 Drive

Replacing: 15.100.154

ID 10.15, OD 42.00, Total length 61.00, No./teeth 11


131267 Drive

Replacing: 16.903.130

ID 14.00, OD 34.80, OD/housing 60.14, Total length 91.00, Splines A 10, No./teeth 9, Rotation CR


131714 Drive

Replacing: 18.100.021

Servicing: 11.130.158

ID 14.60, OD 41.00, Total length 120.00, Splines A 3, No./teeth 11


132075 Drive


Replacing: 18.900.179

ID 14.00, OD 29.00, OD/housing 46.20, Total length 70.00, Splines A 6, No./teeth 9, Rotation CR


132273 Drive

Replacing: 16.900.935

ID 14.30, OD 34.20, OD/housing 60.00, Total length 91.00, Splines A 10, No./teeth 9, Rotation CR

 Alternative no.: 333227 

132764 Drive

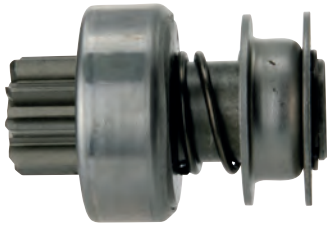
Replacing: 16.900.089

Servicing: 11.130.029, 11.130.102, 11.130.162, 11.130.166, 11.130.209, 11.130.217, 11.130.218, 11.130.219, 11.130.234, 11.130.293

ID 11.60, OD 25.15, OD/housing 45.65, Total length 65.00, Splines A 12, No./teeth 9, Rotation CR



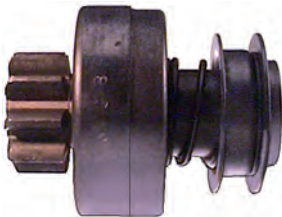
132906 Drive
 Replacing: 16.900.057, 11.900.057
 Servicing: 11.130.007, AZE0305
 ID 11.55, OD 29.25, OD/housing 45.00,
 Total length 65.00, Splines A 12,
 No./teeth 9, Rotation ACR



133231Z Drive
 Replacing: 16.900.068
 ID 11.50, OD 25.25, OD/housing 45.45,
 Total length 64.90, Splines A 12,
 No./teeth 9, Drive type Steel, Rotation ACR
 Alternative no.: 133231



133860 Drive
 Replacing: 922H6, 16.901.408, 16.901.392,
 16.900.922, 16.900.541, 16.900.408,
 16.900.392
 Servicing: 11.130.193, 11.130.210, 11.130.224,
 11.130.233, 11.130.244, 11.130.291,
 11.130.338, 11.130.346, 11.130.378, 11.130.392
 ID 12.00, OD 25.25, OD/housing 47.00,
 Total length 56.40, Splines A 12,
 No./teeth 9, Rotation CR



136969 Drive
 Replacing: 16.903.087, 16.900.879, 16.900.254
 Servicing: 11.130.117, 11.130.123, 11.130.146,
 11.130.203, 11.130.216, 11.130.247,
 11.130.319, 11.130.432, 11.130.500, 11.130.503
 ID 14.40, OD 34.60, OD/housing 60.00,
 Total length 76.50, Splines A 10,
 No./teeth 9, Rotation CR



137281Z Drive
 Replacing: 16.900.284, 16.900.117
 ID 14.35, OD 34.50, OD/housing 60.30,
 Total length 82.60, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 137281



138866 Drive
 Replacing: 16.901.658
 Servicing: 11.130.010, 11.130.229, 11.130.254,
 11.130.364, 11.130.407, 11.130.409,
 11.130.412, 11.130.484, 11.130.491, 11.130.619
 ID 14.30, OD 34.30, OD/housing 60.00,
 Total length 83.00, Splines A 10,
 No./teeth 9, Rotation CR



139519 5★ Drive
 Manufacturer: Iskra/Mahle
 Replacing: 16.901.512
 Servicing: 11.130.328, 11.130.398,
 11.130.529, 11.130.556, 11.130.965,
 AZE1502, AZE1507, AZE1521, AZE1523
 ID 12.00, OD 25.25, OD/housing 48.60,
 Total length 56.40, Splines A 12,
 No./teeth 9, Rotation CR



139520 Drive
 Replacing: 16.901.694
 Servicing: 11.130.386, 11.130.419, 11.130.509,
 11.130.520, 11.130.526, 11.130.527,
 11.130.579, 11.130.624, 11.130.627, 11.130.629
 ID 14.28, OD 39.35, OD/housing 62.20,
 Total length 76.75, Splines A 10,
 No./teeth 10, Rotation CR



139521 Drive
 Replacing: 16.903.166
 Servicing: 11.130.534, 11.130.553, 11.130.569,
 11.130.662, 11.130.665, 11.130.694,
 11.130.750, 11.130.762, 11.130.797, 11.130.819
 ID 14.30, OD 31.80, OD/housing 60.30,
 Total length 81.45, Splines A 10,
 No./teeth 10, Rotation CR



230280 Drive
 Replacing: 16.901.752
 Servicing: 11.130.179, 11.130.201, 11.130.376,
 11.130.414, 11.130.595, 11.130.626,
 11.130.686, 11.130.692, 11.130.705, 11.130.710
 ID 14.30, OD 40.50, OD/housing 62.00,
 Total length 82.50, Splines A 10,
 No./teeth 11, Rotation CR



231623 Drive
 Replacing: 16.904.847
 Servicing: 11.130.810, 11.130.897,
 AZJ3319, AZJ3320, AZJ3332
 ID 14.35, OD 39.50, OD/housing 60.00,
 Total length 82.30, Splines A 10,
 No./teeth 10, Rotation CR



232482 Drive
 Replacing: 16.901.722
 Servicing: 11.130.251, 11.130.402,
 AZJ3109, AZJ3555, IS0402
 ID 14.45, OD 34.00, OD/housing 60.00,
 Total length 80.00, Splines A 10,
 No./teeth 9, Rotation CR



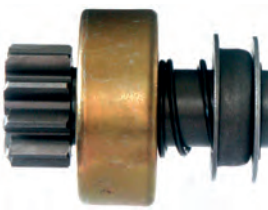
233764 5★ Drive
 Manufacturer: Iskra/Mahle
 Replacing: 16.903.095
 Servicing: 11.130.525, 11.130.535,
 11.130.707, 11.130.732, 11.131.029, AZJ3150,
 AZJ3159, AZJ3245, AZJ3255, AZJ3359
 ID 14.25, OD 34.00, OD/housing 62.00,
 Total length 76.45, Splines A 10,
 No./teeth 9, Rotation ACR



234267 Drive
 Replacing: 16.901.769
 Servicing: 11.130.410, 11.130.937,
 AZJ3116, AZJ3339
 ID 14.35, OD 34.45, OD/housing 60.25,
 Total length 76.35, Splines A 10,
 No./teeth 9, Rotation CR



234268 Drive
 Replacing: 16.900.880
 Servicing: 11.130.083, 11.130.250, 11.130.309,
 11.130.521, 11.130.554, 11.130.630,
 11.130.682, 11.130.838, 11.130.839, 11.131.013
 ID 14.30, OD 40.75, OD/housing 60.25,
 Total length 75.40, Splines A 10,
 No./teeth 11, Rotation CR



234270 Drive
 Replacing: 16.903.392
 Servicing: 11.130.534, 11.130.537,
 11.130.783, 11.130.784, 11.131.143,
 AZJ3160, AZJ3281, AZJ3282
 ID 14.30, OD 37.85, OD/housing 60.50,
 Total length 81.40, Splines A 10,
 No./teeth 10, Rotation CR



234984 5★ Drive
 Manufacturer: Iskra/Mahle
 Replacing: 16902816, 16.902.816,
 16.902.004, 16.901.751
 Servicing: 11.130.408, 11.130.596, 11.130.598,
 11.130.605, 11.130.663, 11.130.678,
 11.130.703, 11.130.731, 11.130.739, 11.130.745
 ID 14.00, OD 39.44, OD/housing 62.12,
 Total length 82.88, Splines A 10,
 No./teeth 10, Rotation CR



235092 5★ Drive
 Manufacturer: Iskra/Mahle
 Replacing: 16.902.152
 Servicing: 11.131.186, AZE1230
 ID 12.00, OD 28.08, OD/housing 51.07,
 Total length 56.50, Splines A 12,
 No./teeth 8, Rotation ACR



235621 Drive
 Replacing: 16.900.151
 Servicing: 11.130.076, 11.130.200, 11.130.373,
 11.130.411, 11.130.629, 11.130.872, AZJ0405,
 AZJ3117, AZJ3144, AZJ3203, AZJ3305
 ID 14.30, OD 39.45, OD/housing 59.70,
 Total length 85.00, Splines A 10,
 No./teeth 10, Rotation CR



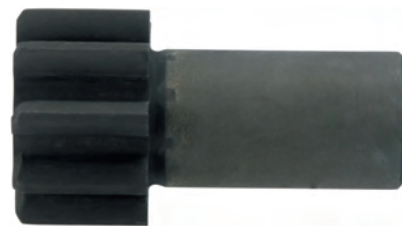
235797 Drive
 Replacing: 16.904.400
 Servicing: 11.130.565, 11.130.974,
 AZJ3177, AZJ3349
 ID 14.28, OD/housing 62.10,
 Total length 76.30, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation CR



235828 5★ Drive
 Manufacturer: Iskra/Mahle
 Replacing: 16.902.098
 Servicing: 11.130.676, AZJ3223
 ID 14.00, OD 36.80, OD/housing 62.00,
 Total length 82.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR



235850 Drive
 Replacing: 16.901.657
 Servicing: 11.130.124, 11.130.366,
 11.130.403, 11.130.490, 11.130.492,
 AZJ3110, AZJ3131, AZJ3133, AZJ3517,
 AZJ3535, AZJ3546
 ID 14.30, OD 34.60, OD/housing 60.30,
 Total length 81.50, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR



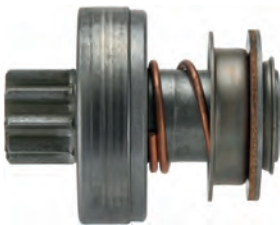
333173 5★ Drive
 Manufacturer: Bosch
 Replacing: 15.100.092
 ID 10.60, OD 35.00, Total length 61.10,
 No./teeth 9, Rotation CR
 Alternative no.: 130419



333175 5★ Drive
 Manufacturer: Bosch
 Replacing: 16.909.002, 15.100.152
 ID 10.15, OD 41.00, Total length 61.00,
 No./teeth 11, Drive type Steel
 Alternative no.: 130418, 130418Z



333227 5★ Drive
 Manufacturer: Bosch
 Replacing: 16.900.935
 ID 14.30, OD 34.20, OD/housing 60.00,
 Total length 91.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 132273



333516 5★ Drive
 Manufacturer: Bosch
 Replacing: 16.900.920
 ID 12.00, OD 25.35, OD/housing 57.40,
 Total length 72.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130414, 130414Z, 130414ZZ



333668 5★ Drive
 Manufacturer: Iskra/Mahle
 Replacing: 16.904.676
 ID 14.00, OD 40.50, OD/housing 62.10,
 Total length 82.00, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation CR



333674 Drive
 Replacing: 16.902.379
 Servicing: 11.130.679, 11.130.685,
 11.130.785, 11.130.904, 11.130.999,
 11.131.027, 11.131.060, 11.131.092,
 11.131.145, 11.131.191
 ID 14.20, OD 39.50, OD/housing 60.25,
 Total length 82.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR



333679 Drive
 Replacing: 16.911.403
 Servicing: 11.132.051, 11.132.173, AZE4222
 ID 14.26, OD 34.80, OD/housing 60.40,
 Total length 75.90, No./teeth 9,
 Drive type Steel, Rotation CR



333680 Drive
 Replacing: 16.907.455
 Servicing: 11.131.116, 11.131.515,
 11.131.773, AZE4122, AZE4171, AZE4540
 ID 14.26, OD 40.00, OD/housing 60.00,
 Total length 85.60, No./teeth 10,
 Drive type Steel, Rotation CR



333681 Drive
 Replacing: 16.904.776
 Servicing: 11.130.836, 11.131.542, 11.131.602,
 11.131.727, 11.132.183, 11.132.356, 11.132.359,
 AZF4154, AZF4190, AZF4324, AZF4369
 ID 14.26, OD 41.00, OD/housing 60.20,
 Total length 81.80, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation CR



333682 Drive
 Replacing: 16.907.197, 16.902.507
 Servicing: 11.131.279, 11.131.315,
 11.131.605, 11.131.606, 11.131.696,
 11.131.716, 11.131.761, 11.131.780,
 11.131.781, 11.131.793
 ID 14.26, OD/housing 60.40,
 Total length 75.60, Splines A 14,
 No./teeth 10, Drive type Steel, Rotation CR



333683 Drive
 Replacing: 16.902.653
 Servicing: 11.131.108, 11.131.751,
 11.131.833, 11.132.084, 11.132.227, AZE4169,
 AZE4185, AZE4228, AZE4261, AZE4534
 ID 14.00, OD 32.00, OD/housing 62.00,
 Total length 75.90, Splines A 14,
 No./teeth 10, Drive type Steel, Rotation CR



333756 Drive
 Replacing: 16902835
 Servicing: 11.131.271, 11.131.352, 11.132.094,
 11.132.260, AZF4295, AZF4346, AZF4591
 ID 14.25, OD 39.30, OD/housing 62.30,
 Total length 82.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR



333902 Drive
 Replacing: 16.911.538
 Servicing: 11.131.458, 11.131.948,
 11.131.950, IS1231
 ID 12.00, OD 34.20, OD/housing 57.80,
 Total length 64.90, Splines A 14,
 No./teeth 9, Drive type Steel, Rotation CR



333905 Drive
 Replacing: 16.903.695
 Servicing: 11.130.651, 11.130.773,
 11.130.777, 11.130.787, 11.130.911, AZE2525,
 AZE2541, AZE2545, AZE2548, AZE2578
 ID 12.00, OD 24.90, OD/housing 48.50,
 Total length 59.90, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR



333908 Drive
 Replacing: 16.902.808, 11.902.808
 Servicing: 11.131.109, 11.131.951, AZE4202, AZE4535
 ID 14.00, OD 35.80, OD/housing 60.50, Total length 75.50, Splines A 14, No./teeth 11, Drive type Steel, Rotation CR



333909 Drive
 Replacing: 16.908.352, 16.908.135
 Servicing: 11.130.923, 11.131.199, 11.131.233, AZE2606
 ID 13.00, OD 29.40, OD/housing 53.60, Total length 86.10, Splines A 14, No./teeth 9, Drive type Steel, Rotation CR



333910 Drive
 Replacing: 16.902.036
 Servicing: 11.131.117, 11.131.411, 11.131.491, 11.131.830, 11.131.839, AZF4611, AZF4643, AZF4687
 ID 19.00, OD 39.30, OD/housing 62.30, Total length 136.50, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR



333911 Drive
 Replacing: 16.904.894
 Servicing: 11.130.730, 11.131.085, 11.131.236, 11.132.106, 11.132.189, AZF4327
 ID 14.25, OD 40.50, OD/housing 62.30, Total length 82.50, Splines A 10, No./teeth 11, Drive type Steel, Rotation CR



333912 Drive
 Replacing: 16.902.854
 ID 14.00, OD 32.00, OD/housing 60.50, Total length 84.50, Splines A 14, No./teeth 10, Drive type Steel, Rotation CR



333989 Drive
 Replacing: 11.911.910
 ID 14.10, OD 34.80, OD/housing 62.20, Total length 82.20, Splines A 6, No./teeth 9, Drive type Steel, Rotation CR

Drive Parts

Springs

Pkg. 500



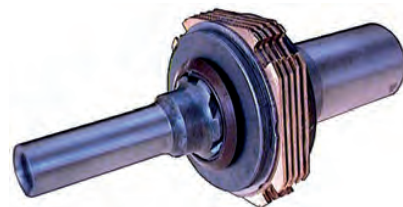
134219 Spring
 OD 5.00, Length 11.25

Lever



235094 Lever
 Replacing: 16908037
 Servicing: 11.130.763, 11.130.963, 11.130.964, 11.130.965, 11.130.966, 11.130.967, 11.130.968, 11.130.969, 11.130.994, 11.131.028
 Dist. 26.90, ID 7.20, Length 82.55

Clutches



130317 Clutch
 Replacing: 16.909.013
 Servicing: 11.130.041, 11.130.170, 11.139.001, 11.139.002, 11.139.003, 11.139.004, 11.139.005, 11.139.006, 11.139.007, 11.139.008
 OD 9.70, Total length 166.00, No./splines 6, Rotation CR
 Alternative no.: 333732



333732 Clutch
 Manufacturer: Bosch
 Replacing: 16.909.013
 Servicing: 11.130.170, AZK5119
 OD 65.90, Total length 165.60, Rotation CR
 Alternative no.: 130317

Brush Sets



140918 Brush Set
 Replacing: 16.770.295
 24 V, Length 25.50, Lead length 32.00, Height 25.85, Thickness 8.90
 1.5/2.5 kW.



140974 Brush/Spring Kit
 Replacing: 16.905.832
 Servicing: 11.130.321, 11.130.328, 11.130.398, 11.130.404, 11.130.483, 11.130.487, 11.130.495, 11.130.519, 11.130.529, 11.130.556
 12 V, Length 11.50, Lead length 30.50, Height 12.00, Thickness 6.00
 2 component.



140978 Brush/Spring Kit

Replacing: 16.906.266, 16.905.688
 Servicing: 11.130.026, 11.130.074, 11.130.076, 11.130.127, 11.130.140, 11.130.179, 11.130.194, 11.130.198, 11.130.199, 11.130.200
 12 V, Length 23.00, Lead length 41.60, Height 25.00, Thickness 10.00
 Brush set w/o springs: HC-CARGO IKSX12 4.
 Alternative no.: IKSX124



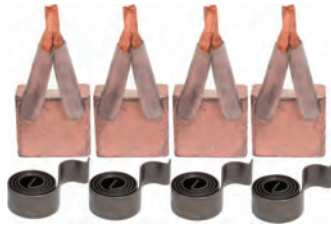
140979 Brush/Spring Kit

Replacing: 16.905.695
 Servicing: 11.130.010, 11.130.339, 11.130.364, 11.130.367, 11.130.407, 11.130.490, 11.130.491, 11.130.492, 11.130.595, 11.130.598
 24 V, Length 23.00, Lead length 40.20, Height 25.00, Thickness 8.00
 Brush set w/o springs: HC-CARGO IKSX10-114.
 Alternative no.: IKSX10-114



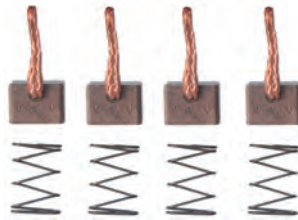
140981 Brush/Spring Kit

Replacing: 16.905.973, 16.905.645
 Servicing: 11.130.019, 11.130.117, 11.130.123, 11.130.203, 11.130.250, 11.130.253, 11.130.300, 11.130.309, 11.130.319, 11.130.386
 12 V, Length 23.50, Lead length 42.50, Height 16.00, Thickness 9.00



140982 Brush/Spring Kit

Replacing: 16.905.233
 Servicing: 11.130.010, 11.130.030, 11.130.124, 11.130.141, 11.130.151, 11.130.154, 11.130.230, AZJ3518, AZJ3522
 24 V, Length 23.00, Lead length 41.50, Height 25.00, Thickness 10.00



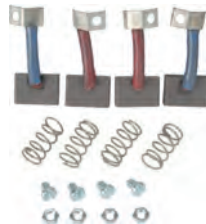
141030 Brush/Spring Kit

Replacing: 16.906.368
 Servicing: 11.130.417, 11.130.558, 11.130.593, 11.130.623, 11.130.642, 11.130.646, 11.130.647, 11.130.651, 11.130.716, 11.130.717
 12 V, Length 13.00, Lead length 31.00, Height 18.00, Thickness 6.00
 Brush set w/o springs: HC-CARGO IKSX13-14 4.
 Alternative no.: IKSX13-144



142325 Brush Set

Manufacturer: Bosch
 Replacing: 16.905.247
 12 V, Length 16.94, Lead length 23.00, Height 17.90, Thickness 7.50
 Alternative no.: BSX151S4, 142334



142326 Brush Set

Manufacturer: Bosch
 Replacing: 16.905.375
 24 V, Length 16.60, Lead length 56.00, Lead length 2 46.80, Height 25.00, Thickness 8.00
 Alternative no.: BSX135-1454



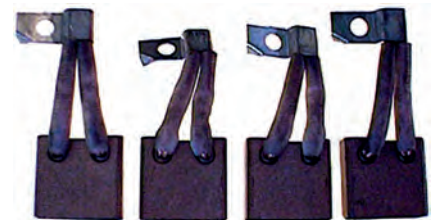
142334 Brush Set

Replacing: 16.905.247
 12 V, Length 15.50 / 17.00, Lead length 23.00, Height 18.00, Thickness 7.50
 Alternative no.: BSX151S4, 142325



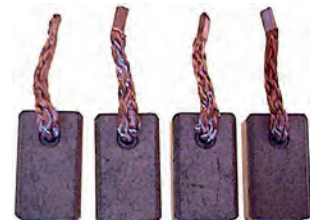
142335 Brush Set

Replacing: 16.905.235
 12 V, Length 14.40 / 13.20, Lead length 25.00, Height 17.90, Thickness 5.95
 Alternative no.: BSX157-1584



BSX1004 Brush Set

Replacing: 16.905.380
 24 V, Length 23.00, Lead length 42.00, Height 25.00, Thickness 8.00
 Alternative no.: BS100



BSX1024 Brush Set

Replacing: 16.905.767, 16.905.294
 Servicing: 11.130.146, 11.130.216, 11.130.295, 11.130.535, 11.130.554, 11.130.585, 11.130.645, 11.130.727, 11.130.962, 11.130.974
 12 V, Length 25.50, Lead length 36.00, Height 15.85, Thickness 9.00
 Alternative no.: BS102


BSX1304 Brush Set

Replacing: 16.909.041

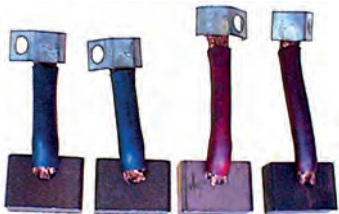
 Servicing: 11.139.007, 11.139.008,
11.139.017, 11.139.092, 11.139.093,
11.139.094, 11.139.095, 11.139.096,
11.139.112, AZK5168

 12 V, Length 27.00, Lead length 49.00,
Height 36.00, Thickness 12.00

BSX1314 Brush Set

Replacing: 16.909.012, 16.905.063

 Servicing: 11.139.001, 11.139.002,
11.139.003, 11.139.004, 11.139.005,
11.139.006, 11.139.009, 11.139.010,
11.139.011, 11.139.012

 24 V, Length 27.00, Lead length 46.00,
Height 36.00, Thickness 12.00

BSX134-1444 Brush Set

Replacing: 16.905.376

 12 V, Length 17.00, Lead length 57.00,
Lead length 2 44.00, Height 25.00,
Thickness 10.00

Alternative no.: BS134/0


BSX135-1454 Brush Set

Replacing: 16.905.375

 24 V, Length 16.60, Lead length 56.00,
Lead length 2 46.80, Height 25.00,
Thickness 8.00

Alternative no.: BS135/0, 142326


BSX151S4 Brush Set

Replacing: 16.905.247

 Servicing: 11.130.083, 11.130.119,
11.130.222, 11.130.247, 11.130.248,
AZJ3552

 12 V, Length 17.00/19.00,
Lead length 26.00, Height 18.00,
Thickness 7.50

Alternative no.: BS151, 142325 , 142334


BSX157-1584 Brush Set

Replacing: 16.905.235

Servicing: 11.130.606

 12 V, Length 14.40 / 13.20, Height 17.90,
Lead length 25.00, Thickness 5.95

Alternative no.: 142335


BSX344 Brush Set

Replacing: 16.905.388, 16.905.387

 Servicing: 10.130.121, 10.130.123, 10.130.125,
10.130.140, 10.130.141, 10.130.142,
10.130.146, 10.130.207, 11.130.005, 11.130.009

 24 V, Length 28.50, Lead length 45.00,
Height 20.00, Thickness 9.00

BSX354 Brush Set

Replacing: 16.905.389

 Servicing: 10.130.160, 10.130.170,
10.130.172, 10.130.181, 11.130.075,
11.130.081, 11.130.158, 11.130.231

 12 V, Length 28.50, Lead length 47.00,
Height 20.00, Thickness 12.00

BSX964 Brush Set

Replacing: 16.905.392, 16.905.226

 12 V, Length 23.00, Lead length 43.00,
Height 25.00, Thickness 10.00

Alternative no.: BS96


IKSX124 Brush Set

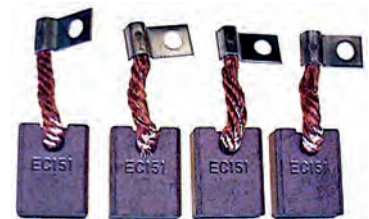
 12 V, Length 23.00, Lead length 35.59,
Height 25.00, Thickness 10.00
w/ springs: HC-CARGO 140978.

Alternative no.: 140978


IKSX2-32 Brush Set

Replacing: 16.905.950, 16.905.439

 Servicing: 11.130.193, 11.130.208,
11.130.210, 11.130.233, 11.130.244,
11.130.245, 11.130.246, 11.130.291,
11.130.334, 11.130.338

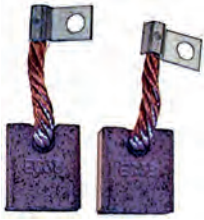
 12 V, Length 15.00, Lead length 71.00,
Lead length 2 42.00, Height 12.00,
Thickness 6.90/13.90

JSX134 Brush Set

Replacing: 16.905.218

Servicing: E100

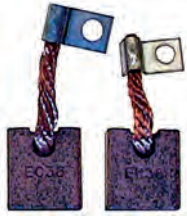
 12 V, Length 20.00, Lead length 33.50,
Height 16.00, Thickness 7.00

Alternative no.: JS13



JSX162 Brush Set

Replacing: 16.905.421, 16.905.108
 Servicing: E84, 11.130.007, 11.130.029,
 11.130.034, 11.130.085, 11.130.102,
 11.130.155, 11.130.162, 11.130.166, 11.130.217
 12 V, Length 19.00, Lead length 31.00,
 Height 17.00, Thickness 8.00
 Alternative no.: JS16



JSX52 Brush Set

Replacing: 16.905.225
 Servicing: 11.130.134, 11.130.143,
 11.130.266, 11.130.314
 12 V, Length 17.00, Lead length 24.50,
 Height 16.00, Thickness 6.00
 Alternative no.: JS5

Bushings

Pkg. 10



140006 Bushing

Replacing: 15.120.012
 Servicing: 11.130.010, 11.130.076, 11.130.123,
 11.130.141, 11.130.151, 11.130.200,
 11.130.230, 11.130.339, 11.130.373, 11.130.407
 ID 14.04, OD 20.02, Length 10.00
 Alternative no.: B140006



140007# Bushing

Replacing: 17.900.295
 ID 34.50, OD 39.17, Length 41.80

Pkg. 10



140010 Bushing

Replacing: 15.120.094
 ID 12.59, OD 16.55, Length 18.00
 Alternative no.: B140010

Pkg. 10



140019 Bushing

Replacing: 15.120.095
 Servicing: 11.139.163, AZJ3448
 ID 14.06, OD 18.03, Length 14.00
 Alternative no.: B140019

Pkg. 10



140026 Bushing

Replacing: 15.120.011
 ID 19.10, OD 23.10, Length 13.00
 Alternative no.: B140026

Pkg. 10



140040 Bushing

Replacing: 15.120.087, 15.120.022
 Servicing: M78, M79, 11.130.174,
 11.130.193, 11.130.208, 11.130.210,
 11.130.233, 11.130.244, 11.130.245,
 11.130.246, 11.130.291
 ID 12.00, OD 15.00, Length 12.00
 Alternative no.: B140040

Pkg. 10



140050 Bushing

Replacing: 17.120.057
 ID 10.08, OD 14.02, Length 13.50
 Alternative no.: B140050

Pkg. 10



140140 Bushing

Replacing: 15.120.014
 ID 16.67, OD 19.60, Length 19.00
 Alternative no.: B140140

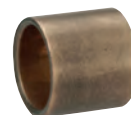
Pkg. 10



140310 Bushing

Replacing: 15.120.161
 Servicing: 11.130.019, 11.130.083,
 11.130.203, 11.130.216, 11.130.248,
 11.130.250, 11.130.309, 11.130.386,
 11.130.432, 11.130.500
 ID 12.52, OD 16.00, Length 15.00
 Alternative no.: B140310

Pkg. 10



140435 Bushing

Replacing: 17.120.305
 Servicing: 11.130.007, 11.130.029,
 11.130.034, 11.130.085, 11.130.102,
 11.130.155, 11.130.162, 11.130.166,
 11.130.209, 11.130.217
 ID 11.60, OD 14.08, Length 13.00
 Alternative no.: B140435

Pkg. 10


140436 Bushing

Replacing: 17.120.203

 Servicing: 11.130.007, 11.130.029, 11.130.034,
11.130.085, 11.130.102, 11.130.155,
11.130.162, 11.130.166, 11.130.209, 11.130.217

ID 12.04, OD 16.00, Length 16.00

Alternative no.: B140436

Pkg. 10


140977 Bushing

 Replacing: 16.120.010, 15.120.243,
15.120.155, 15.120.153, 15.120.010

 Servicing: 11.130.010, 11.130.019, 11.130.026,
11.130.030, 11.130.074, 11.130.076,
11.130.083, 11.130.117, 11.130.119, 11.130.123

ID 14.33, OD 18.05, Length 18.00

Alternative no.: B140977

Pkg. 10


140996 Bushing

Replacing: 15.120.089

 Servicing: 11.130.117, 11.130.119, 11.130.123,
11.130.222, 11.130.247, 11.130.253,
11.130.295, 11.130.319, 11.130.386, 11.130.500

ID 12.45, OD 15.85, Length 17.90

Pkg. 10


141031 Bushing

Replacing: 16.906.372

 Servicing: 11.130.417, 11.130.558, 11.130.623,
11.130.642, 11.130.646, 11.130.647,
11.130.651, 11.130.716, 11.130.717, 11.130.772

ID 12.12, OD 15.04, Length 13.90

Pkg. 10


141032 Bushing

Replacing: 16.906.373

 Servicing: 11.130.417, 11.130.558,
11.130.593, 11.130.623, 11.130.642,
11.130.646, 11.130.647, 11.130.651,
11.130.716, 11.130.717

ID 10.10, OD 15.01, Length 10.00

Pkg. 10


142041 Bushing

Replacing: 16.906.374

 Servicing: 11.130.328, 11.130.398,
11.130.404, 11.130.483, 11.130.487,
11.130.495, 11.130.519, 11.130.529,
11.130.556, 11.130.580

ID 12.00, OD 15.00, Length 11.90

Pkg. 100


B140006 Bushing

Replacing: 15.120.012

Servicing: AZJ0405, AZJ3514

ID 14.04, OD 20.02, Length 10.00

Alternative no.: 140006

Pkg. 100


B140010 Bushing

Replacing: 15.120.094

ID 12.56, OD 16.55, Length 18.00

Alternative no.: 140010

Pkg. 100


B140019 Bushing

Replacing: 15.120.095

ID 14.06, OD 18.03, Length 14.00

Alternative no.: 140019

Pkg. 100


B140026 Bushing

Replacing: 15.120.011

ID 19.10, OD 23.10, Length 13.00

Alternative no.: 140026

Pkg. 100


B140040 Bushing

Replacing: 15.120.087, 15.120.022

ID 11.95, OD 15.00, Length 12.00

Alternative no.: 140040

Pkg. 100


B140050 Bushing

Replacing: 17.120.057

ID 10.08, OD 14.04, Length 13.50

Alternative no.: 140050

Pkg. 100



B140140 Bushing
 Replacing: 15.120.014
 ID 16.67, OD 19.60, Length 19.00
 Alternative no.: 140140

Pkg. 100



B140310 Bushing
 Replacing: 15.120.161
 Servicing: 11.130.019, 11.130.551,
 11.130.972, 11.131.635, AZJ0102, AZJ3347,
 AZJ3447
 ID 12.52, OD 16.00, Length 15.00
 Alternative no.: 140310

Pkg. 100



B140435 Bushing
 Replacing: 17.120.305
 ID 11.60, OD 14.08, Length 13.00
 Alternative no.: 140435

Pkg. 100



B140436 Bushing
 Replacing: 17.120.203
 ID 12.04, OD 16.00, Length 16.00
 Alternative no.: 140436

Pkg. 100



B140977 Bushing
 Replacing: 16.120.010, 15.120.243,
 15.120.155, 15.120.153, 15.120.010
 Servicing: 11.130.019, 11.130.551,
 11.130.785, 11.130.836, 11.130.841,
 11.130.972, 11.131.060, 11.131.108,
 11.131.145, 11.131.191
 ID 14.33, OD 18.05, Length 18.00
 Alternative no.: 140977

Bearings

Ball Bearings



141093 Ball Bearing Kit
 Replacing: 16.908.665, 16.908.607,
 16.906.345
 Servicing: 11.201.052, 11.201.219,
 11.201.226, 11.201.440, 11.201.478,
 11.201.498, 11.201.534, 11.201.597,
 11.201.598, 11.201.666

Sundry Parts

O-rings

Pkg. 10



134716 O-ring
 Servicing: 11.130.141, 11.130.151,
 11.130.200, 11.130.373, 11.130.411,
 11.130.484, 11.130.491, 11.130.509,
 11.130.526, 11.130.532
 ID 47.30, Thickness 2.60

Pkg. 10



139562 O-ring
 Servicing: 11.130.010, 11.130.076,
 11.130.141, 11.130.200, 11.130.203,
 11.130.230, 11.130.339, 11.130.373,
 11.130.407, 11.130.411
 ID 30.00, Thickness 2.50

Rods



131443 Rod
 Replacing: 16.110.010
 OD 9.66, Length 325.00

Field Coils

12 V



130368# Field Coil

Replacing: 2101-3708120

Servicing: 2100-3708000, 2101-3708000, 221-3708000, 3101-3708000, CT221128, CT22112B, CT2213708000, KAT3KCT221126

12 V, 1.3 kW, Height 93.80, Internal height 62.45, Inner width 24.20



130369 Field Coil

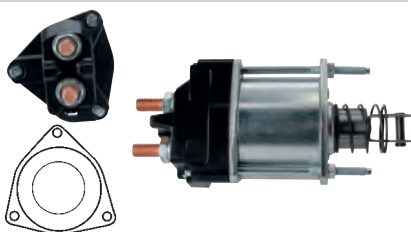
Replacing: 2101-3708150

Servicing: 2100-3708000, 2101-3708000, 221-3708000, 3101-3708000, CT221128, CT22112B, CT2213708000, KAT3KCT221126

12 V, 1.3 kW, Height 97.20, Internal height 62.25, Inner width 24.30

Solenoids

12 V

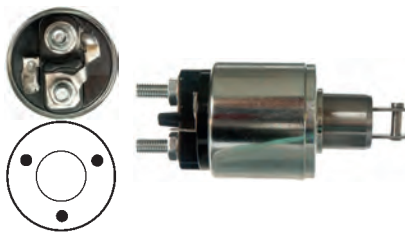


130367 Solenoid

Replacing: 2101-3708805

Servicing: KAT3K35.3708

12 V, B+ M8, Kl. 50 6.30, ID/cover 24.80, OD 57.90, OD/cover 49.70, Total length 143.70, Height/B+ 18.50, Width/kl. 50 9.90, Coil bolt M8, Coil bolt 2 18.50, No./terminals 3
Cap: HC-CARGO 131324.



131439 Solenoid

Replacing: 2108-3708808

Servicing: 2100-3708000, 2101-3708000, 2103-12VIP54, 2108-3708010, 221-3708000, 293708, 3101-3708000, CT221128, CT22112B

12 V, B+ M8, Kl. 15a M8, Kl. 50 6.30, ID/cover 27.10, OD 56.40, OD/cover 49.30, Total length 132.80, Height/B+ 20.80, Width/kl. 15a 21.00, Width/kl. 50 12.50, No./terminals 3
Cap: HC-CARGO 135225.

Solenoid Parts

Solenoid Caps



135225# Solenoid Cap

Servicing: 2103-12VIP54, 2108-3708010, 2108-3708808, 293708, KAT3K29.3708

OD 53.00, No./terminals 3, Bracket type Crimp
HC-CARGO 131439.

Drives



130738 Drive

Replacing: 2101-3708620

Servicing: 2100-3708000, 2101-3708000, 221-3708000, 3101-3708000, CT221128, CT22112B, CT2213708000, KAT3K35.3708, KAT3KCT221126

ID 14.00, OD 29.15, OD/housing 46.20, Total length 68.00, Splines A 6, No./teeth 11, Rotation CR



131212 Drive

Replacing: 2108-3708620

Servicing: 2103-12VIP54, 2108-3708010, 293708, KAT3K29.3708

ID 14.00, OD 29.20, OD/housing 46.40, Total length 66.50, Splines A 6, No./teeth 11, Rotation ACR



233993 Drive

Replacing: 2110-3708620

Servicing: 2110-3708010, 5702.3708

ID 12.00, OD 25.30, OD/housing 46.20, Total length 53.30, Splines A 9, No./teeth 9, Rotation ACR
w/ lever.

Brush Gears

Brush Gear Parts

Brush Springs

Pkg. 10



135119 Brush Spring

Servicing: M78R, M79, M80R

OD 9.25, Length 30.00

Bushings

Pkg. 10



140374 Bushing

Replacing: 2108-3708405

Servicing: 2103-12VIP54, 2108-3708010, 293708, KAT3K29.3708, KAT3K35.3708

ID 12.00, OD/collar 22.95, OD 16.00, Length 19.40, Height/collar 2.60
Alternative no.: B140374

Pkg. 10



140626 Bushing
ID 14.40, OD 15.10, Length 25.90

Pkg. 100

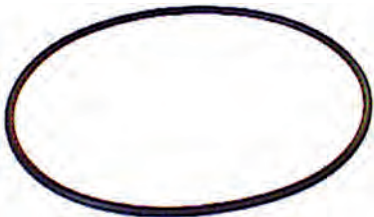


B140374 Bushing
Replacing: 2108-3708405
ID 12.05, OD/collar 23.00, OD 16.00,
Length 19.40, Height/collar 2.52
Alternative no.: 140374

Sundry Parts

O-rings

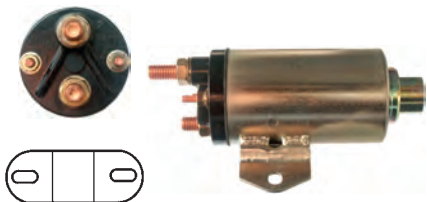
Pkg. 5



136630 O-ring
Servicing: 2103-12VIP54, 2108-3708010,
293708, KAT3K29.3708
ID 92.00, Thickness 3.00

Solenoids

24 V


132140 Solenoid

Replacing: 77452

24 V, B+ M14-1.50, Kl. 15a M6, Kl. 50 M6, OD 76.00, OD/cover 76.35, Total length 216.50, Height/B+ 33.00, Width/kl. 15a 18.30, Width/kl. 50 17.75, Coil bolt M14-1.50, Coil bolt 2 24.60, No./terminals 4

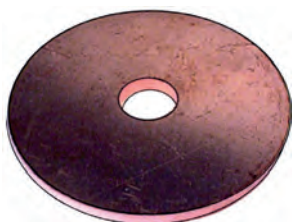
Cap: HC-CARGO 132141. Moving contact: HC-CARGO 132142. Insulated return.

Solenoid Parts
Solenoid Caps

132141 Solenoid Cap

Replacing: 98004, 225014

OD 76.55, No./terminals 2
HC-CARGO 132140, 133986.

Moving Contacts


Pkg. 5

132142 Contact Plate

Replacing: 77461

Thickness 3.00, Width 50.15,
12/24 V.

Various

136412 Rubber Boot

Replacing: 95146, 77491, 71163, 225313
OD 52.35, Length 43.35

Drives

130535 Drive

Replacing: 04231

ID 12.00, OD 25.10, OD/housing 46.25,
Total length 72.00, Splines A 12,
No./teeth 9, Rotation CR


130539 Drive

Replacing: 77600

Servicing: 40MT, 42MT, 50MT

ID 15.90, OD 56.50, OD/housing 58.00,
Total length 120.40, Splines A 19,
No./teeth 11, Rotation CR
Bronze.

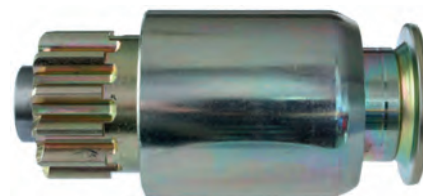
Alternative no.: 130539Z


130539Z Drive

Replacing: 77600

ID 15.90, OD 56.50, OD/housing 58.25,
Total length 120.40, Splines A 19,
No./teeth 11, Rotation CR

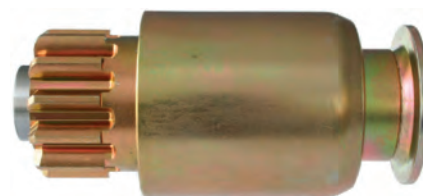
Alternative no.: 130539


131056 Drive

Replacing: 77601, 04489

Servicing: 40MT, 42MT, 50MT

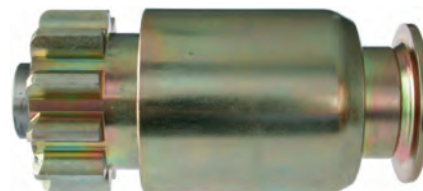
ID 15.90, OD 46.20, OD/housing 57.65,
Total length 120.40, Splines A 19,
No./teeth 12, Rotation CR


131766 Drive

 Replacing: M0290-75249, M0290-71031,
M0290-4472

Servicing: 40MT

ID 19.00 (3/4"), OD 46.30,
OD/housing 58.00,
Total length 120.40/4.740", Splines A 19,
No./teeth 12, Rotation CR
Bronze.


131768 Drive

 Replacing: M029097222, M0290-73493,
97222, 74977, 73493, 71157

Servicing: 40MT

ID 19.00 (3/4"), OD 56.50,
OD/housing 58.00,
Total length 120.40/4.740", Splines A 19,
No./teeth 11, Rotation CR


132731 Drive

Replacing: 64235

Servicing: 40MT, 42MT, 50MT

ID 15.75, OD 56.30, OD/housing 58.00,
Total length 120.70, Splines A 19,
No./teeth 11, Rotation ACR
Bronze.



232632 Drive

Replacing: M029075429, 75249
 Servicing: 7146MA, 7146MB, 7150MA, 7168MA, 7176MA, 7178MA, 7202MA, 7204MA, 7222M, 7226M, 7230MA, 7258M
 ID 19.00, OD 46.30, OD/housing 58.00,
 Total length 118.45, Splines A 19,
 No./teeth 12, Rotation CR
 Alternative no.: 333858



233175 Drive

Replacing: 18-56
 Servicing: 4502ME, 4503ME, M0014502ME, M0014503ME
 ID 14.30, OD 32.10, OD/housing 60.00,
 Total length 106.00, Splines A 6,
 No./teeth 10, Rotation CR



333858 Drive

Replacing: M029075429, 75249
 ID 19.00, OD 46.30, OD/housing 58.00,
 Total length 118.45, Splines A 19,
 No./teeth 12, Drive type Steel, Rotation CR
 Alternative no.: 232632

Bushings

Pkg. 10



141143 Bushing

Replacing: 850141
 Servicing: 38401, 98401, M027098401
 ID 19.10, OD 25.45, Length 19.00

Pkg. 10



141144 Bushing

Servicing: 73644, 98644, M027098644
 ID 22.25, OD 28.65, Length 29.90

Sundry Parts

O-rings

Pkg. 10



134488 O-ring

Replacing: 57597
 Thickness 2.00

Armatures
12 V

130195 Armature

Replacing: TIB115, 272334, 271737

Servicing: M45G, 26132, 26132A, 26132F, 26133, 26133A, 26133J, 26143A, 26143H, 26145A, 26145F, 26146A, 26146F, 26147A, 26147H

12 V, 2.1 kW, Shaft length 338.00, Core thickness 74.50, No./splines 6, Rotation CR


130200 Armature

Replacing: TJB103, SAR0002, 54243590, 26252339

Servicing: M50G, 26025007A, 26211U, 26213, 26227N, 26227R, 26227V, 26246M, 26265, 26265J, 26265M, 26273, 26273E, 26273F, 26273H

12 V, 2.8 kW, Shaft length 303.40, Core thickness 84.00, No./splines 12, Rotation CR

Shaft: HC-CARGO 136811.


130202 Armature

Replacing: TIB108, SAR0017, 54292953, 54247379

Servicing: M45G, 26148, 26186, 26196, 26213A, 26215H, 26233, 26236L, 26238M, 26238Q, 26248M, 26256, 26256H, 26259, 26259L, 26259N

12 V, 2.1 kW, Shaft length 303.60, Core thickness 74.50, No./splines 12, Rotation CR

Shaft: HC-CARGO 136811.


130203 Armature

Replacing: TGB100, 54247935, 54247556, 54247025, 54246544, 54246418, 54241719

Servicing: M35J, 25137, 25137A, 25137E, 25137F, 25137N, 25145A, 25145H, 25145J, 25146A, 25146J, 25146K, 25156A, 25156H, 25156J

12 V, 0.8 kW, Shaft length 249.60, Core thickness 54.00, No./splines 12, Rotation CR


130205 Armature

Replacing: TIB113, SAR0008, 54251818

Servicing: M45G, 26072, 26132H, 26132J, 26132R, 26133K, 26133R, 26143J, 26143Q, 26145, 26145H, 26145N, 26146H, 26146N, 26147J

12 V, 2.1 kW, Shaft length 340.00, Core thickness 74.45, No./splines 6, Rotation CR


130206 Armature

Replacing: TGB107, 54260640, 54252038

Servicing: M35J, 25016, 25024, 25041, 25061, 25062, 25063, 25065, 25075, 25087, 25088, 25089, 25097, 25138, 25147, 25147A, 25147B

12 V, 0.8 kW, Shaft length 290.50, Core thickness 53.80, No./splines 4


130210 Armature

Replacing: TJB106, SAR0010, 54257635

Servicing: M50, 26211, 26211A, 26211L, 26227, 26291

12 V, 2.8 kW, Shaft length 303.30, Core thickness 84.00, No./splines 3, Rotation CR


130360 Armature

Replacing: 074861761010

Servicing: 063220732010, 063220735010, 063220740010, 063220741010, 063220743010, 063220744010, 063220746010, 063220830010

12 V, 0.8 kW, Shaft length 250.00, Core thickness 54.40, No./splines 12, Rotation CR


130878 Armature

Replacing: TJB104, SAR0003, 54243592

Servicing: M50, 26234A, 26234J, 26234K, 26284, 26284A, 26284D, 26284E, 26336, 26336A, 26336F, 26336H, 26336Q, 26336R, 26337A

12 V, 2.8 kW, Shaft length 331.00, Core thickness 84.00, No./splines 12, Rotation CR


131652 Armature

Replacing: THB101, 54246290, 54246259, 54245090

Servicing: 2M100, 25629A, 25629E, 25634A, 25634E, 25638A, 25638E, 25639A, 25639E, 25642, 25642A, 25642F, 25643, 25643A, 25643J

12 V, 1.1 kW, Shaft length 272.50, Core thickness 61.00, No./splines 12, Rotation CR


131654 Armature

Replacing: TIB112, SAR0007, 54251052

Servicing: M45G, 26125, 26126, 26156, 26163, 26163A, 26163F, 26165, 26373

12 V, 2.1 kW, Shaft length 319.35, Core thickness 74.50, No./splines 4, Rotation CR



131655 Armature
 Replacing: TIB114, SAR0009, 54255952
 Servicing: M45G, 26125F, 26208A, 26208E, 26215A, 26215F, 26236A, 26236K, 26238A, 26238L, 26248A, 26248L, 26256, 26256A, 26256E
 12 V, 2.1 kW, Shaft length 302.00, Core thickness 75.00, No./splines 3



131656 Armature
 Replacing: TIB109, SAR0004, 54247383
 Servicing: M45G, 26233K, 26233M, 26286, 26286F, 26286J, 26302E, 26302H, 26320D, 26320J, 26333B, 26335A, 26348A, 26348D, 27419
 12 V, 2.1 kW, Shaft length 331.00, Core thickness 74.45, No./splines 12, Rotation CR



131668 Armature
 Manufacturer: Magneti Marelli
 Replacing: 074880991010
 Servicing: 063221330010, 063221332010, 063221538010
 12 V, 0.9 kW, Shaft length 220.00, Core thickness 60.00, No./splines 12, Rotation CR



131670 Armature
 Replacing: 072382301010
 Servicing: 063217104010, 063217105010, 063217173010
 12 V, 2.5 kW, Shaft length 296.00, Core thickness 75.00, No./splines 12, Rotation CR



132401 Armature
 Replacing: TJB112, SAR0014, 54268555
 Servicing: M127, 26349, 26416, 27508, 27508A, 27508B, 27508D, 27509A, 27509B, 27512, 27512A, 27512D, 27533, 27533A, 27533E, 27543
 12 V, 2.8/2.9 kW, Shaft length 333.00, Core thickness 83.96, No./splines 12, Rotation CR



132486 Armature
 Replacing: SAAR6001, LTH207
 12 V, 2 kW, Shaft length 152.00, Core thickness 53.20, No./teeth 9, Rotation CR/ACR
 Alternative no.: F032132486



132615 Armature
 Replacing: 074893711010
 Servicing: 063101003010, 063221830010, 063221832010, 063221834010, 063221890010, 063221892010
 12 V, 0.8 kW, Shaft length 185.50, Core thickness 60.00, No./splines 12, Rotation CR



132817 Armature
 Replacing: 074899021010
 Servicing: 063114014010, 063222035010
 12 V, 2.2 kW, Shaft length 134.20, Core thickness 58.95, No./teeth 11, Rotation CR/ACR
 Alternative no.: F032132817



133302# Armature
 Replacing: TGB123, 54290615, 054290615010
 Servicing: M80, 063226908010, 063226912010, 063226921010, 063226923010, 063226935010, 063226936010, 063226937010, 063226939010
 12 V, 1.7 kW, Shaft length 144.00, Core thickness 53.90, No./teeth 12, Rotation CR



133305 Armature
 Replacing: TGB122, 54291945
 Servicing: M79, 26587, 26600, 26600E, 26600F, 26601, 26601E, 26601F, 26602, 26602D, 26602H, 26605, 26605A, 26609F, 26609J, 26613E
 12 V, 0.8 kW, Shaft length 201.80, Core thickness 53.50, No./splines 9, Rotation CR

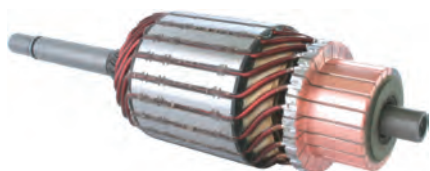


133368 Armature
 Replacing: TJB114, TJB113, TJB111, SAR0016, 54292376, 54268382, 26253757, 054292376010
 Servicing: M127, 063227501010, 063227502010, 063227510010, 063227518010, 063227541010, 063227547010, 063227553010, 063227554010
 12 V, 2.8 kW, Shaft length 302.40, Core thickness 84.00, No./splines 12, Rotation CR


134736 Armature

Replacing: SAAR6000, LTH107

Servicing: 61924101, 61924102

 12 V, 0.8 kW, Shaft length 183.10,
 Core thickness 60.00, No./splines 8,
 Rotation CR

135620 Armature

Replacing: 083227678010, 083225127010

 Servicing: 063101000010, 063101002010,
 063101008010, 063102003010, 063102004010,
 063102007010, 063102008010, 063103022010

 12 V, 1 kW, Shaft length 202.40,
 Core thickness 51.45, No./splines 12,
 Rotation CR

Alternative no.: F032135620


135815 Armature

Replacing: TGB125, 54290870, 054290870010

 Servicing: M78R, 063226800010, 063226801010,
 063226803010, 063226804010, 063226812010,
 063226814010, 063226820010, 063226823010

 12 V, 1.4 kW, Shaft length 119.00,
 Core thickness 53.95, No./splines 12,
 Rotation CR/ACR

135869 Armature

Replacing: TIB107, SAR0005, 54248609, 26255073

 Servicing: 2M113, 26372A, 26372B, 26385A,
 26385B, 26390A, 26390B, 26390E, 26394A,
 26394D, 26925188D, 26925189D, 26925194D

 12 V, 2.1 kW, Shaft length 302.20,
 Core thickness 74.50, No./splines 12,
 Rotation CR

136319# Armature

 Replacing: TGB130, 54292575, 54292574,
 054292574010

 Servicing: M79, 063226693010,
 063226694010, 26660, 26690, 27034

 12 V, 0.8 kW, Shaft length 225.10,
 Core thickness 53.75, No./splines 9,
 Rotation ACR

136963# Armature

Replacing: TGB128, 54292192, 054292192010

 Servicing: M79, 063226686010, 063227048010,
 063227049010, 26648, 26649, 26655, 26656, 26657

 12 V, 0.8/0.9 kW, Shaft length 214.30,
 Core thickness 53.65, No./splines 9,
 Rotation CR

137363 Armature

 Replacing: TJB115, SAR0015, 54269554,
 054269554010

 Servicing: M127, 063227564010, 27544A,
 27564A, 27564F, 27595, 61924045

 12 V, 2.8 kW, Shaft length 330.00,
 Core thickness 84.15, No./splines 12,
 Rotation CR

137530# Armature

Replacing: TGB127, 54292178

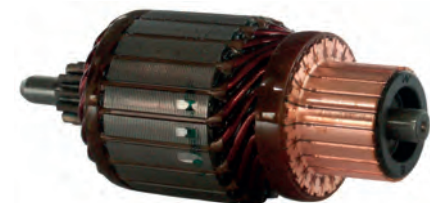
 Servicing: M79, 26607, 26607E, 26607H,
 26692, 26696, 27037, 27044, 27045

 12 V, 1 kW, Shaft length 214.20,
 Core thickness 53.75, No./splines 9,
 Rotation ACR

138443 Armature

Replacing: 54295331, 054295331010

 Servicing: 063223103010, 063223104010,
 063230001010, 063230003010,
 063293103010, 063293104010

 12 V, 0.8 kW, Shaft length 218.45,
 Core thickness 51.55, No./splines 12,
 Rotation ACR

138526 Armature

Manufacturer: Magneti Marelli

Replacing: 54294569, 083227126010

 Servicing: 063111005010, 063111007010,
 063111008010, 063111009010, 063111016010,
 063111017010, 063111023010, 063111027010

 12 V, 1.4 kW, Shaft length 120.00,
 Core thickness 47.45, No./teeth 11

233740 Armature

Replacing: TIB110, SAR0006, 54248981

 Servicing: M45, 26268J, 26268L, 26269H,
 26269L, 26346E, 26346K, 26381E, 26381F,
 26383A, 26383D, 26396A, 26396B, 27405A,
 27405B

 12 V, 2.1 kW, Shaft length 306.00,
 Core thickness 74.40, No./splines 12,
 Rotation CR

235469 Armature

Replacing: 083225702010

Servicing: 063223039010

 12 V, 0.9 kW, Shaft length 195.30,
 Core thickness 51.60, No./splines 12

24 V



132402# Armature
 Replacing: TJB102, 54249001
 Servicing: 3M127, 27301A, 27301H, 27304A, 27304J, 27305A, 27305H, 27307A, 27307E, 27309A, 27309E, 27310A, 27310F, 27311A, 27311E
 24 V, Shaft length 356.10, Core thickness 84.20, No./splines 12, Rotation CR



132951 Armature
 Replacing: 072386601010
 Servicing: 063216703010, 063216726010
 24 V, 4 kW, Shaft length 321.00, Core thickness 74.90, No./splines 12, Rotation CR

Armature Parts

Various



136811# Armature Shaft
 Servicing: M45G, 54243590, 54247379
 OD/shaft 12.80, Total length 302.00, No./splines 12



B134583# Commutator
 Replacing: B134583
 Bar dist. 2.45, Bar cross dist. 40.25, ID 12.85, ID/bar lane 37.40, OD 52.25, Bar length 5.35, Height/bar 5.20, Height/bar lane 20.00, Total height 27.80, No./bars 29

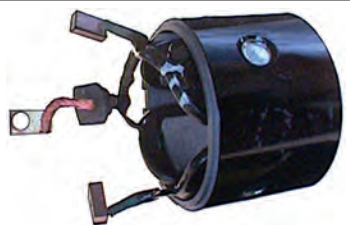


B139876# Commutator
 Replacing: B139876
 Bar dist. 1.90, Bar cross dist. 46.95, ID 17.45, ID/bar lane 45.15, OD 69.15, Bar length 11.25, Height/bar 6.25, Height/bar lane 19.75, Total height 29.10, No./bars 33

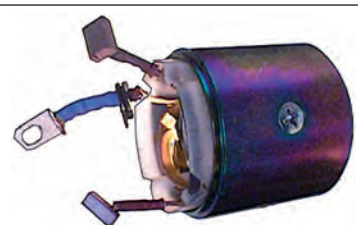
Field Cases



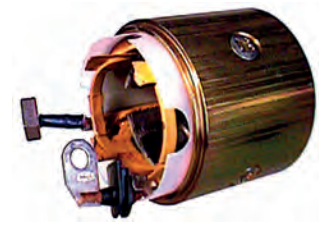
135784 Field Case
 Replacing: SSP0036, LTH212, 61240701
 12 V, 2 kW, OD/middle 81.50, Length 75.60, Brush gear w/o



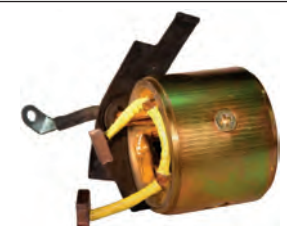
136135 Field Case
 Replacing: SSP0035, LTH108, 61240731
 12 V, 0.8 kW, OD/middle 89.50, Length 62.00, Brush gear w/o



136143 Field Case
 Replacing: 083220991010
 Servicing: 063223032010
 12 V, 0.8/1 kW, OD/middle 80.45, Length 76.00, Brush gear w/o



138536# Field Case
 Replacing: 083225146010
 Servicing: 063101000010, 063101002010, 063101008010, 063222889010, 063222908010, 063222909010, 063222936010, 063223104010
 12 V, 0.8 kW, OD/middle 80.50, Length 70.60, Brush gear w/o
 Field coil: HC-CARGO 135621. Brush: HC-CARGO JSX38-412.



139625 Field Case
 Replacing: 083226564010
 Servicing: 063114014010
 12 V, 2.6 kW, OD/middle 94.50, Length 75.25, Brush gear w/o
 Field coil: HC-CARGO 234092. Brush set: HC-CARGO JSX53-54.

Field Coils

12 V



130194 Field Coil
 Replacing: TEB134, SFC0001, 54266045, 272219, 271826
 Servicing: M45G, 26125, 26126, 26132, 26132A, 26132F, 26132H, 26132J, 26132R, 26133K, 26133R, 26143A, 26143H, 26143J, 26143Q
 12 V, 2.1 kW, Height 119.25, Width 246.65, Internal height 75.40, Inner width 27.90


130196 Field Coil

Replacing: TEB132, TEB118, TEB104, SFC0008, SFC0003, SFC0002, 60600054, 54290953, 54266044, 54263486, 54263217
 Servicing: M45G, 063227408010, 063227409010, 063227412010, 063227415010, 063227416010, 063227417010, 063227419010, 063227470010

12 V, 2.1 kW, Height 118.00, Width 231.55, Internal height 75.65, Inner width 28.00


130201 Field Coil

Replacing: TEB129, SFC0006, 54245574, 54244973

Servicing: M50, 26273, 26273A, 26273D, 26273E, 26273F, 26273H, 26273M, 26274, 26274A, 26274D, 26274E, 26274F, 26274H, 26274N

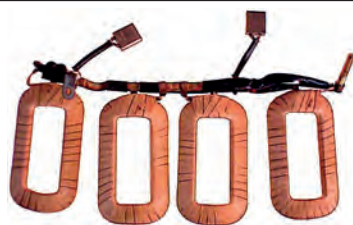
12 V, 2.8 kW, Height 126.00, Width 289.45, Internal height 74.80, Inner width 31.00


130213 Field Coil

Replacing: TEB128, SFC0007, 54258818, 54245576, 54245079, 245079

Servicing: M50, 26227A, 26227N, 26227Q, 26227R, 26227V, 26234A, 26234J, 26234K, 26246A, 26246L, 26246M, 26265, 26265J, 26265M

12 V, 2.8 kW, Height 125.50, Width 285.00, Internal height 74.75, Inner width 31.00


130882 Field Coil

Replacing: TEB105, SFC0005, 60600018, 54244748

Servicing: M50, 26316, 26329, 26331E, 26338, 26338A, 26338B, 26338D, 26338E, 26338F, 26339, 26339A, 26339B, 26339D, 26339H, 26339K

12 V, 2.8 kW, Height 126.00, Width 285.60, Internal height 74.70, Inner width 30.55


131474 ★ Field Coil

Manufacturer: Magneti Marelli

Replacing: 072166001010

Servicing: 063217148010, 063217154010, 063217188010, 063217410010

12 V, 2.5 kW, Height 105.55, Internal height 70.25, Inner width 27.30


131680 Field Coil

Replacing: 072142401010

Servicing: 063217118010

12 V, 2.5 kW, Height 119.90, Internal height 73.00, Inner width 27.45


132400 Field Coil

Replacing: TEB144, SFC0010, 54294392, 54268462, 054294392010

Servicing: M127, 063227501010, 063227502010, 063227510010, 063227512010, 063227518010, 063227533010, 063227541010, 063227547010

12 V, 2.8 kW, Height 127.90, Width 279.45, Internal height 74.40, Inner width 30.70

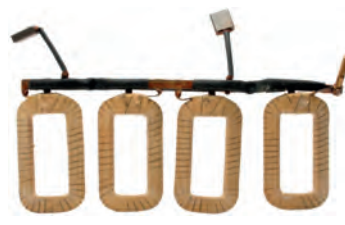
Brush set: HC-CARGO LASX364.


134044 Field Coil

Replacing: 074880921010

Servicing: 063221330010, 063221332010, 063221333010, 063221335010, 063221431010, 063221534010, 063221535010, 063221633010

12 V, 0.9 kW, Height 78.40, Internal height 41.35, Inner width 19.95


135200 Field Coil

Replacing: TEB142, SFC0009, 54294400, 54268395, 054294400010

Servicing: M127, 063227569010, 26213, 26330, 26925155B, 27500, 27500A, 27500J, 27561B, 27569A

12 V, 2.8 kW, Height 127.20, Width 287.00, Internal height 74.75, Inner width 30.75

24 V


131473 Field Coil

Replacing: 072165901010

Servicing: 063216731010, 063216741010

24 V, 4 kW, Height 122.55, Internal height 88.40, Inner width 28.65

C.E. Brackets


136118 C.E. Bracket

Replacing: 54250082

Servicing: M45G, 26125, 26126, 26132, 26132J, 26132R, 26133, 26133A, 26133J, 26133K, 26133R, 26145, 26146, 26146A, 26146F, 26146H

Brush set: HC-CARGO LASX15-164. Brush spring: HC-CARGO 132209.



136163 C.E. Bracket

Manufacturer: Marelli
 Replacing: 072163904010, 072163903010
 Servicing: 063216741010, 063216896010,
 063217148010, 063217158010,
 063217410010
 ID 105.00



136223 C.E. Bracket

Manufacturer: Marelli
 Replacing: 072163901010
 Servicing: 063216731010, 063216831010,
 063216861010, 063217126010,
 063217226010
 ID 106.00



136975 C.E. Bracket

Manufacturer: Marelli
 Replacing: 072163902010
 ID 106.00



137049 C.E. Bracket

Replacing: 54257605
 Servicing: M50, 26211A, 26211L, 26211M,
 26211T
w/o brushes and springs. Brush set: HC-CARGO LASX364. Brush spring: HC-CARGO 132209.



137050 C.E. Bracket

Replacing: 54255957
 Servicing: M45G, 26148, 26186, 26196,
 26208A, 26208E, 26215A, 26215F, 26215H,
 26233, 26233A, 26233J, 26233K, 26233M,
 26256A
w/o brushes and springs. Brush set: HC-CARGO LASX15-164. Brush spring: HC-CARGO 132209.



137219 C.E. Bracket

Replacing: SBR6901
 Servicing: 61924100
 ID 76.50



137719 C.E. Bracket

Replacing: 54246655, 54244980, 54242829,
 054242829010
 Servicing: M50, M127, 063227502010,
 063227512010, 063227559010,
 063227578010, 063227583010,
 063227594010, 063227599010, 26213



138346 C.E. Bracket

Replacing: 54290516, 54265874, 54265871,
 54263852, 52265874, 054263852010
 Servicing: 2M113, 063227409010,
 063227412010, 063227415010,
 063227416010, 063227417010,
 063227475010, 063227478010,
 063227486010
 ID 108.00



138556 C.E. Bracket

Replacing: 083225135010
 Servicing: 063101000010, 063101002010,
 063101008010, 063102003010,
 063102004010, 063102007010,
 063102008010, 063103002010
 ID 75.00



231000 C.E. Bracket

Replacing: SBR6900
 Servicing: 61924101, 61924102
 ID 84.50



231941 C.E. Bracket

Replacing: 083226889010
 Servicing: 063114014010
 ID 91.00

D.E. Brackets



135485 D.E. Bracket

Replacing: LTH104
 Servicing: 61924101


135764 D.E. Bracket

Replacing: SBR0002, SBR0001, 54264664, 54264662, 54249109, 085541475010

Servicing: M50, 063227569010, 26213, 26316, 26329, 26330, 26338, 26338D, 26338F, 26339, 26339A, 26339B, 26339D, 26339H, 26379


136863 D.E. Bracket

Replacing: 54293053, 54293052, 54266603, 54242076

Servicing: M45, 26264, 26412, 27409, 27432, 27459, 27469, 27469A, 27470, 27474, 27480, 27488


136864 D.E. Bracket

Replacing: 54266596, 54265072

Servicing: M45G, 2M113, 26198, 26281, 26295A, 26295B, 26295D, 26295E, 26295F, 26295M, 26298A, 26298B, 26298D, 26298E, 26298F


136871 D.E. Bracket

Replacing: 54266597, 054266597010

Servicing: M45G, 2M113, 063227416010, 063227478010, 063227486010, 063227491010, 26148, 26196, 26283, 26375, 26422, 27417, 27435


136875# D.E. Bracket

Replacing: 54264889

Servicing: M50, M127, 26349, 26349D, 26349H, 26416, 26416A, 26416D, 27543


136876 D.E. Bracket

Replacing: 54269202, 054269202010

Servicing: M50, M127, 063227512010, 26342, 27587


136877 D.E. Bracket

Replacing: 54265251, 54242188

Servicing: M50, M127, 26265J, 26265M, 26311, 26341, 26360, 26431, 27511, 27554


136878 D.E. Bracket

Replacing: 54265121, 054265121010

Servicing: M50, M127, 063227578010, 063227583010, 063227594010, 063227599010, 26274, 26274A, 26274D, 26323, 26345, 26345A, 26345B


136879 D.E. Bracket

Replacing: 54265377

Servicing: M50, M127, 27508, 27575, 27586, 27604


138351 D.E. Bracket

Replacing: 61240176, 54293977, 54265243, 085541472010

Servicing: M50, M127, 063227565010, 063227590010, 063227598010, 27541, 27568, 27599, 27602, 27608, 27627, 27627B


138434 D.E. Bracket

Replacing: 54293976, 54244390

Servicing: M127-2.8 KW, 26294, 26357, 26369, 27502, 27506, 27518, 27518A, 27570, 27585, 27588, 27592, 27596


139032 D.E. Bracket

Replacing: 54292157, 085541468010

Servicing: M127, 063227564010, 26284, 26284E, 27595


139629 D.E. Bracket

Manufacturer: Marelli

Replacing: 083226888010

Servicing: 063114014010



233876 D.E. Bracket

Replacing: 54266594

Servicing: 2M113, 27410, 27413, 27423, 27463



233877# D.E. Bracket

Replacing: 54266599

Servicing: 2M113, 27419, 27476

I.M. Brackets



138348 I.M. Bracket

Replacing: 54263768

Servicing: 27400, 27400A, 27400B, 27401, 27401A, 27401B, 27402, 27402A, 27402B, 27409, 27409A, 27409B, 27410, 27410A, 27411

ID 28.50



138349 I.M. Bracket

Replacing: 60600029, 54258129

Servicing: 26236A, 26236K, 26236L, 26238A, 26238L, 26238M, 26238O, 26248A, 26248L, 26248M, 26256, 26259, 26259A, 26259K, 26259L

ID 28.50



138350 I.M. Bracket

Replacing: SRB807, 60600019, 54261382, 54249083, 54249079

Servicing: 26213, 26273H, 26273M, 26274H, 26274N, 26294, 26294F, 26294N, 26295, 26295F, 26295M, 26297F, 26297J, 26298F, 26298J

ID 28.50



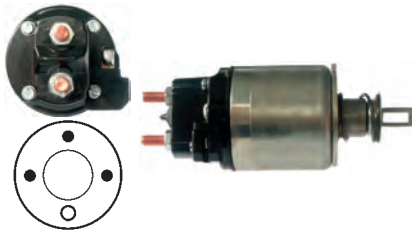
231196 I.M. Bracket

Replacing: SBR6800, LTH205

Servicing: 61924100

Solenoids

12 V

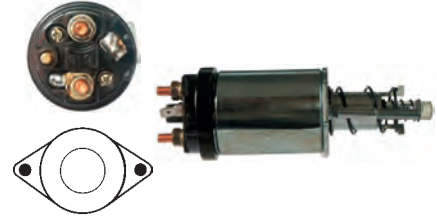


130373 Solenoid

Replacing: 063602290010

Servicing: 063224600010, 063224602010, 063224691010

12 V, B+ M8, KI. 50 6.30, OD 68.45, OD/cover 67.00, Total length 179.55, Height/B+ 20.90, Coil bolt M8, Coil bolt 2 20.90, No./terminals 3
Cap: HC-CARGO 131327.



130484 Solenoid

Replacing: TOB191, TOB190, TOB157, TOB135, TOB130, TOB112, 77084, 77083, 77082, 77080, 77078, 77074, 77072

Servicing: M35J, 25137A, 25137E, 25137F, 25137N, 25145A, 25145H, 25145J, 25146A, 25146J, 25146K, 25153A, 25153H, 25156, 25156A

12 V, B+ M6, KI. 15a M5, KI. 50 6.30, ID/cover 20.75, OD 47.00,

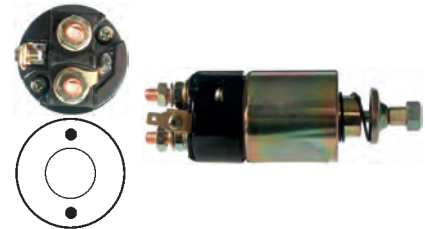
OD/cover 51.50, Total length 150.50,

Height/B+ 14.40, Width/KI. 15a 8.20,

Width/KI. 50 15.15, Coil bolt M6,

Coil bolt 2 14.40

Cap: HC-CARGO 130953.



130811 Solenoid

Replacing: TOJ101

12 V, B+ M8, KI. 50 6.30, OD 50.90,

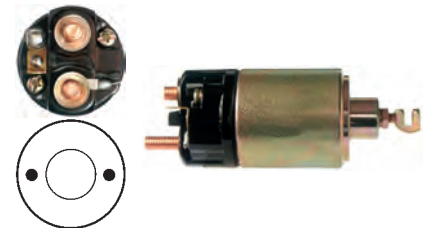
OD/cover 49.65, Total length 143.50,

Height/B+ 16.45, Width/KI. 50 11.40,

Coil bolt M8, Coil bolt 2 16.50,

No./terminals 3

Cap: HC-CARGO 134619.



130814 Solenoid

Replacing: TOJ400

12 V, B+ M8, KI. 50 6.30, OD 49.85,

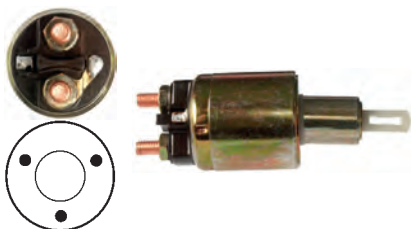
OD/cover 49.80, Total length 137.60,

Height/B+ 18.35, Width/KI. 50 10.65,

Coil bolt M8, Coil bolt 2 8.60,

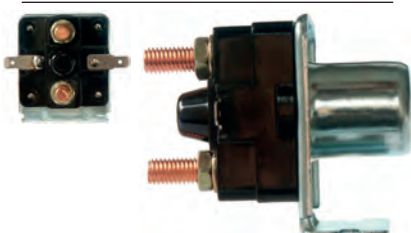
No./terminals 3

Cap: HC-CARGO 134627.


130830 Solenoid

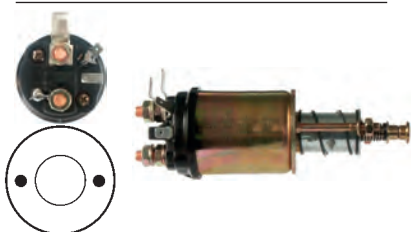
Replacing: 063633601010

Servicing: 063216808010, 063216826010, 063216873010, 063217104010, 063217105010

 12 V, B+ M10, Kl. 50 6.30, ID/cover 30.60, OD 61.10, OD/cover 53.55, Total length 142.55, Height/B+ 21.00, Width/kl. 50 9.45, Coil bolt M10, Coil bolt 2 21.00, No./terminals 3
 Cap: HC-CARGO 131329. Moving Contact: HC-CARGO 132248.

130853 Solenoid

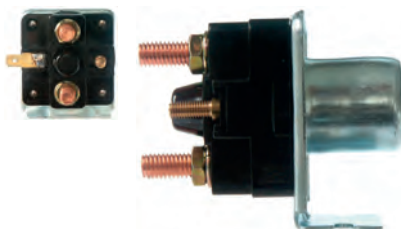
Replacing: SRB335, 77126, 77055, 76986, 76914, 76858, 76799, 76798, 76795, 76789, 76777, 76771, 76770, 76711

12 V, B+ M8, Kl. 50 6.30, OD 54.50, Total length 78.65, Height/B+ 19.65, Width/kl. 50 22.55, Coil bolt M8, Coil bolt 2 19.65, No./terminals 4


130855 Solenoid

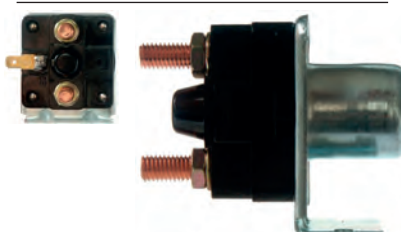
Replacing: TOB174, TOB162, TOB109, SSL0001, 77892, 77058, 77034, 76996, 76902, 76897, 76892, 76891, 76885

Servicing: M45G, 063227413010, 063227415010, 063227416010, 063227419010, 063227421010, 063227425010, 063227460010, 063227468010

 12 V, B+ M8, Kl. 15a 6.30, Kl. 30h 9.40, Kl. 50 6.30, OD 53.80, OD/cover 59.25, Total length 172.75, Height/B+ 21.00, Width/kl. 15a 13.45, Width/kl. 30h 15.25, Width/kl. 50 10.70, Coil bolt M8, Coil bolt 2 21.00, No./terminals 3
 Cap: HC-CARGO 131274.

130856 Solenoid

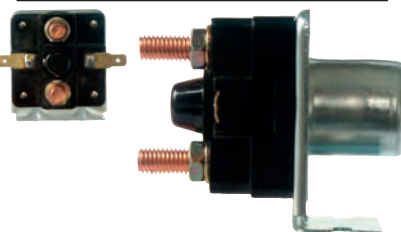
Replacing: SRB333, 76958

12 V, B+ M8, Kl. 50 6.30, OD 54.45, Total length 78.35, Height/B+ 19.65, Width/kl. 50 14.45, Coil bolt M8, Coil bolt 2 19.65, No./terminals 4


130872 Solenoid

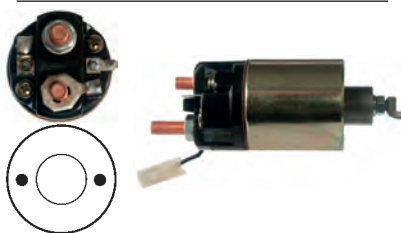
Replacing: SRB325, 76776, 76773, 76772, 76767, 76766, 76722, 76715, 76703, 76486, 76485, 76471, 76470, 76469

12 V, B+ M8, Kl. 50 6.30, OD 54.40, Total length 78.00, Height/B+ 19.55, Width/kl. 50 20.65, Coil bolt M8, Coil bolt 2 19.55, No./terminals 3

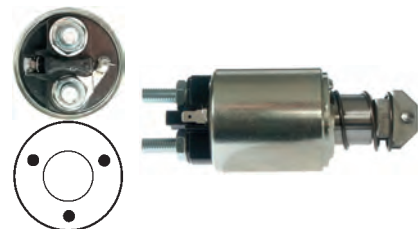

130951 Solenoid

 12 V, B+ M8, Kl. 50 6.30, OD 54.45, Total length 78.45, Height/B+ 19.50, Width/kl. 50 23.00, Coil bolt M8, Coil bolt 2 19.50, No./terminals 4
 Insulated return.

Alternative no.: 233955

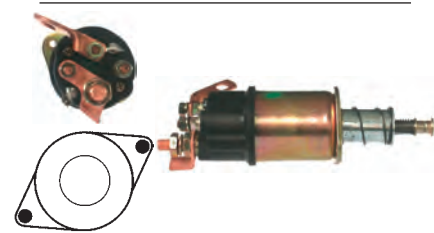

131084 Solenoid

Replacing: TOJ401

 12 V, B+ M8, Kl. 50 6.30, OD 50.20, OD/cover 49.25, Total length 141.80, Height/B+ 23.75, Width/kl. 50 12.55, Coil bolt M8, Coil bolt 2 10.50, No./terminals 4
 Cap: HC-CARGO 131374.

131112 Solenoid

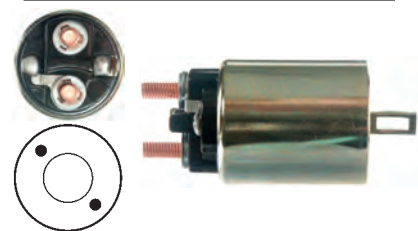
Replacing: 085540221010, 085540011010, 063633806010

Servicing: 063216815010, 063216827010, 063216831010, 063216833010, 063216851010, 063216861010, 063216874010, 063216896010

 12 V, B+ M10, Kl. 50 6.30, OD 61.00, Total length 159.00, Height/B+ 20.70, Width/kl. 50 6.20, Coil bolt M10, No./terminals 3
 Cap: HC-CARGO 131329. Moving Contact: HC-CARGO 132248.

131121 Solenoid

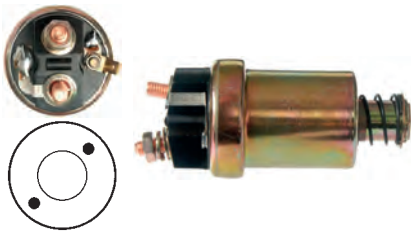
Replacing: TPB137, TPB123, TOB165, TOB137, TOB125, TOB123, TOB122, 77163, 77119, 77115, 77054, 76997F, 76997

Servicing: M50, 26312D, 26312H, 26312J, 26312N, 26312Q, 26318A, 26318F, 26336, 26336A, 26336F, 26336H, 26336Q, 26336R, 26355

 12 V, B+ M10, Kl. 50 6.30, ID/cover 26.20, OD 53.70, OD/cover 60.40, Total length 207.20, Height/B+ 30.95, Width/kl. 50 12.35, Coil bolt M6, Coil bolt 2 16.80, No./terminals 4
 Cap: HC-CARGO 131276.

131144 Solenoid

Replacing: TOJ104

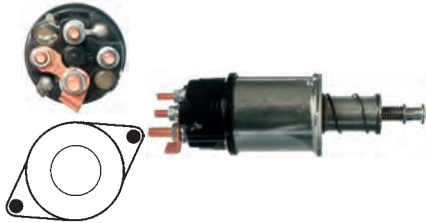
 12 V, B+ M8, Kl. 50 6.30, ID/cover 21.85, OD 52.20, OD/cover 48.45, Total length 112.35, Height/B+ 17.45, Width/kl. 50 15.55, Coil bolt M8, Coil bolt 2 18.55, No./terminals 3
 Cap: HC-CARGO 133269. Moving Contact: HC-CARGO 133270.



131208 Solenoid

Replacing: 77265

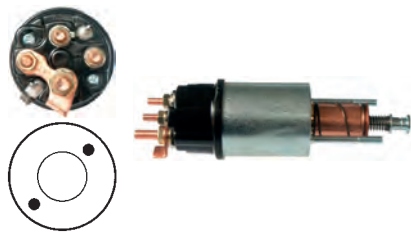
12 V, B+ M8, Kl. 50 6.30, OD 45.80, OD/cover 47.75, Total length 127.65, Height/B+ 16.70, Width/kl. 50 9.25, Coil bolt M8, Coil bolt 2 9.80, No./terminals 3
Cap: HC-CARGO 133768.



131247 Solenoid

Replacing: TOB183, 77040, 76926, 60933083, 263005

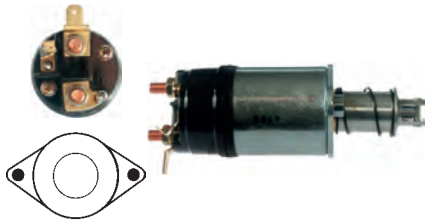
Servicing: M50, 26349, 26349A, 26349B, 26349D, 26349H, 26416, 26416A, 26416D, 26416E, 26434A, 26434B, 27543
12 V, B+ M8, Kl. 30h M6, Kl. 50 6.30, ID/cover 25.60, OD 54.70, OD/cover 60.30, Total length 201.80, Height/B+ 26.75, Width/kl. 30h 21.25, Width/kl. 50 15.25, Coil bolt M6, Coil bolt 2 10.80
Cap: HC-CARGO 131275.



131248 Solenoid

Replacing: TOB184, TOB179, TOB133, TOB129, TOB111, TOB110, TOB108, SSL0013, 77052, 77032, 77025, 77010, 76956

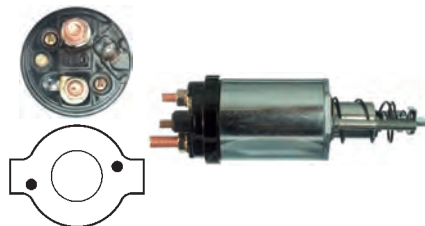
Servicing: M50, 26211, 26211A, 26211L, 26211M, 26211T, 26211U, 26227, 26227A, 26227Q, 26227R, 26227V, 26234A, 26234J, 26234K
12 V, B+ M8, Kl. 50 6.30, ID/cover 26.00, OD 55.20, OD/cover 59.75, Total length 204.65, Height/B+ 22.55, Width/kl. 50 14.35, Coil bolt M6, Coil bolt 2 18.10, No./terminals 4
Cap: HC-CARGO 131275.



131252 Solenoid

Replacing: TOB154, TOB153, TOB152, TOB151, TOB100, 76808, 76794, 76759, 76758, 76748, 76727, 76712, 76540

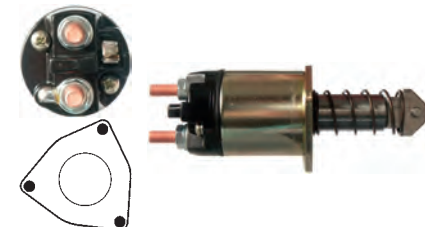
Servicing: M45G, 25593A, 25593B, 25594A, 26133, 26133A, 26133J, 26133K, 26133R, 26145, 26145A, 26145F, 26145H, 26145N, 26146A
12 V, B+ M8, Kl. 30h 9.40, Kl. 50 6.30, ID/cover 25.30, OD 55.10, OD/cover 57.65, Total length 172.50, Height/B+ 15.75, Width/kl. 30h 15.10, Width/kl. 50 12.55, Coil bolt M8, Coil bolt 2 14.30, No./terminals 3
Cap: HC-CARGO 131264.



131255 Solenoid

Replacing: TPB101, TOB181, TOB160, 77033, 76886, 76882

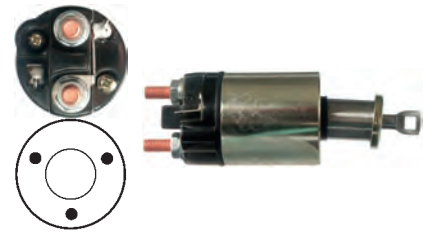
Servicing: M35J, 25204, 25204A, 25204L, 25205A, 25205L, 25206, 25206A, 25206T, 25208A, 25208E, 25240A, 25249A, 25249F, 25250
12 V, B+ M8, Kl. 30h M5, Kl. 50 6.30, ID/cover 21.20, OD 46.95, OD/cover 51.35, Total length 159.70, Height/B+ 21.20, Width/kl. 30h 8.00, Width/kl. 50 14.00, Coil bolt M6, Coil bolt 2 14.35, No./terminals 4
Cap: HC-CARGO 130867, old type. Cap: HC-CARGO 131078, new type.



131437 Solenoid

Replacing: 085540281010

Servicing: 063220537010, 063220732010, 063220735010, 063220740010, 063220741010, 063220743010, 063220744010, 063220940010
12 V, B+ M8, Kl. 50 6.30, ID/cover 22.00, OD 50.40, OD/cover 50.40, Total length 127.50, Height/B+ 21.45, Width/kl. 50 13.95, Coil bolt M8, Coil bolt 2 23.00, No./terminals 3
Cap: HC-CARGO 132229. Moving Contact: HC-CARGO 132246.

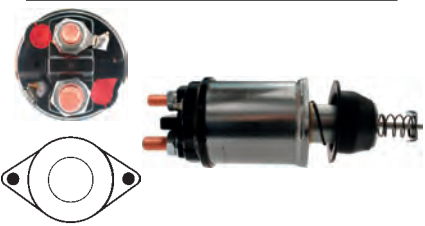


131589 Solenoid

Replacing: 085540071010

Servicing: 063221830010

12 V, B+ M8, Kl. 50 6.30, ID/cover 22.15, OD 50.15, OD/cover 50.15, Total length 124.55, Height/B+ 20.60, Width/kl. 50 14.15, Coil bolt M8, Coil bolt 2 20.60, No./terminals 3
Cap: HC-CARGO 132250. Moving Contact: HC-CARGO 132251.

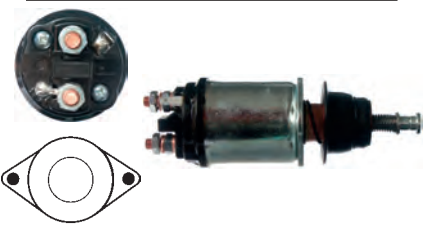


131785 Solenoid

Replacing: TPB133, TPB121, TPB120, TPB117, TOB182, SSL0004, 77173, 77149, 77147, 77140, 77036, 76994

Servicing: 2M113, M45G, 24534, 26390, 26390A, 26390B, 26390E, 26394, 26394A, 26394D, 27430, 27430A, 27430B, 27440, 27440A, 27440B

12 V, B+ M10, Kl. 50 6.30, ID/cover 25.75, OD 54.75, OD/cover 60.00, Total length 186.20, Height/B+ 23.80, Width/kl. 50 16.15, Coil bolt M8, Coil bolt 2 20.15, No./terminals 3
Cap: HC-CARGO 132270.

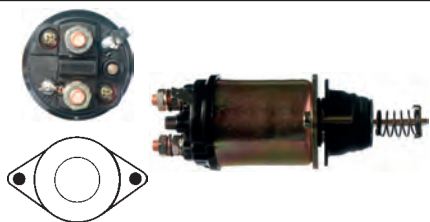


131786 Solenoid

Replacing: TPB131, TPB103, TOB145, TOB131, TOB128, TOB119, SSL0003, 77169, 77128, 77092, 77021, 77011, 76983

Servicing: 2M113, M45G, 26327, 26327A, 26327H, 26335, 26335A, 26348, 26348A, 26348D, 26362, 26362A, 26362E, 26364, 26364A, 26364F

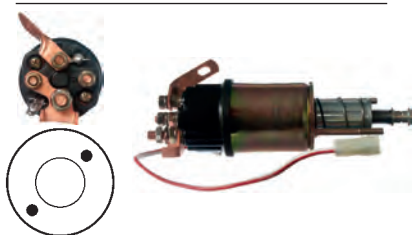
12 V, B+ M8, Kl. 50 6.30, ID/cover 26.40, OD 53.65, OD/cover 60.25, Total length 179.85, Height/B+ 19.25, Width/kl. 50 15.35, Coil bolt M8, Coil bolt 2 19.25, No./terminals 3
Cap: HC-CARGO 131015.


131787 Solenoid

Replacing: TPB109, TOB198, TOB169, TOB167, TOB164, TOB159, TOB147, TOB142, TOB138, TOB124, TOB117, TOB116

Servicing: M100, 25372, 25372A, 25374, 25374A, 25380, 25380A, 25382, 25382A, 25410, 25410A, 25629, 25629A, 25629E, 25634, 25634A

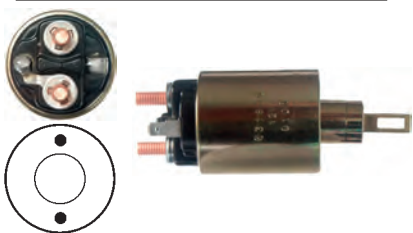
12 V, B+ M8, Kl. 50 6.30,
ID/cover 26.35, OD 53.75, OD/cover 60.10,
Total length 171.25, Height/B+ 20.85,
Width/kl. 50 13.00, Coil bolt M8,
Coil bolt 2 20.85, No./terminals 4
Cap: HC-CARGO 130868.


131788 Solenoid

Replacing: TOB199, TOB114, 77109, 76905, 76904

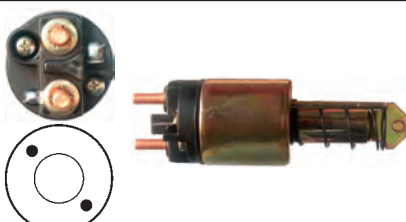
Servicing: M50, 26316A, 26316D, 26316E, 26316L, 26316M, 26328, 26329A, 26329B, 26329D, 26329K, 26329L, 26341A, 26341B, 26341D

12 V, B+ M8, Kl. 15a M6,
ID/cover 26.10, OD 53.65, OD/cover 60.00,
Total length 204.45, Height/B+ 26.45,
Width/kl. 15a 14.00, Coil bolt M6,
Coil bolt 2 13.65, No./terminals 4
Cap: HC-CARGO 133367.


131800 Solenoid

Replacing: TOJ103

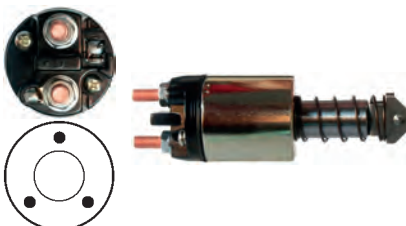
12 V, B+ M8, Kl. 50 6.30,
ID/cover 22.00, OD 52.30, OD/cover 44.40,
Total length 112.20, Height/B+ 16.45,
Width/kl. 50 17.00, Coil bolt M8,
Coil bolt 2 15.00, No./terminals 3
Cap: HC-CARGO 133269. Moving contact: HC-CARGO 133270.


132227 Solenoid

Replacing: 085540591010

Servicing: 063220931010, 063221338010, 063221431010, 063221434010, 063221637010

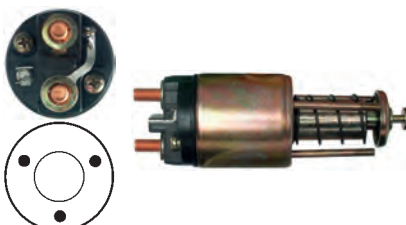
12 V, B+ M8, Kl. 50 6.30,
ID/cover 23.20, OD 52.20, OD/cover 50.00,
Total length 148.30, Height/B+ 19.30,
Width/kl. 50 14.70, Coil bolt M8,
Coil bolt 2 19.85, No./terminals 3
Cap: HC-CARGO 132229. Moving Contact: HC-CARGO 132246.


132228 Solenoid

Replacing: 085540561010, 085540001010

Servicing: 063221435010, 063221436010, 063221530010, 063221533010, 063221536010, 063221635010, 063223235010, 063223236010

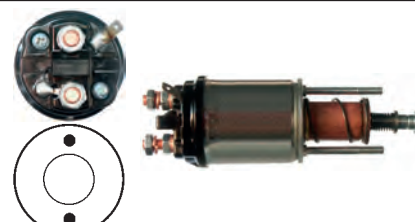
12 V, B+ M8, Kl. 50 6.30,
ID/cover 22.00, OD 20.25, OD/cover 50.35,
Total length 127.55, Height/B+ 20.85,
Width/kl. 50 14.45, Coil bolt M8,
Coil bolt 2 21.70, No./terminals 3
Cap: HC-CARGO 132229. Moving Contact: HC-CARGO 132246.


132249 Solenoid

Replacing: 085540371010

Servicing: 063221834010, 063221890010

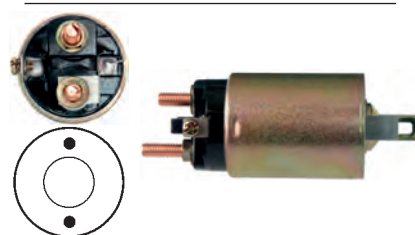
12 V, B+ M8, Kl. 50 6.30,
ID/cover 23.00, OD 52.30, OD/cover 49.55,
Total length 133.50, Height/B+ 14.00,
Width/kl. 50 15.35, Coil bolt M8,
Coil bolt 2 14.75, No./terminals 3
Cap: HC-CARGO 231816. Moving contact: HC-CARGO 132251.


132269 Solenoid

Replacing: TPB107, TOB134, TOB121, TOB113, SSL0008, SSL0002, 77899, 77157, 77154, 77134, 77035, 76961, 76908

Servicing: M127, M45G, M418, 2M113, 063227470010, 063227475010, 063227477010, 063227480010, 063227482010, 063227485010

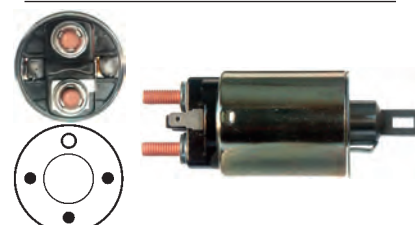
12 V, B+ M8, Kl. 50 6.30,
ID/cover 26.20, OD 53.70, OD/cover 60.25,
Total length 178.00, Height/B+ 19.55,
Width/kl. 50 14.80, Coil bolt M8,
Coil bolt 2 19.55, No./terminals 3
Cap: HC-CARGO 131015.


133050 Solenoid

Replacing: SSL6001, LTH206

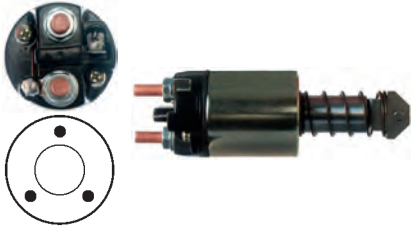
Servicing: 61924100

12 V, B+ M8, Kl. 50 9.40, OD 55.15,
OD/cover 48.60, Total length 144.00,
Height/B+ 27.65, Width/kl. 50 12.45,
Coil bolt M8, Coil bolt 2 19.40,
No./terminals 3
Cap: HC-CARGO 133286.


133052 Solenoid

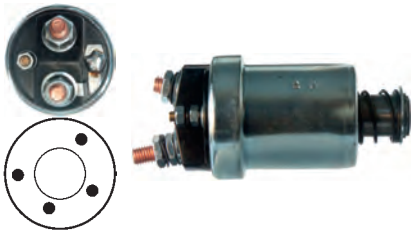
Replacing: TOJ214

12 V, B+ M8, Kl. 50 6.30, OD 51.45,
OD/cover 45.40, Total length 132.45,
Height/B+ 18.55, Width/kl. 50 15.55,
Coil bolt M8, Coil bolt 2 19.00,
No./terminals 3
Cap: HC-CARGO 133287.



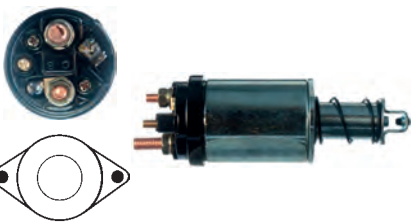
133083 Solenoid

Replacing: 085540581010
 Servicing: 063221831010, 063222030010, 063222031010, 063222034010, 063222036010, 063222038010, 063222039010, 063222130010
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 22.25, OD 50.25, OD/cover 50.30,
 Total length 127.00, Height/B+ 21.25,
 Width/kl. 50 14.00, Coil bolt M8,
 Coil bolt 2 22.70, No./terminals 3
 Cap: HC-CARGO 132229.



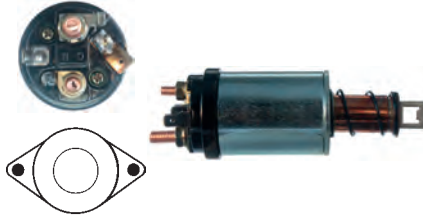
133178 Solenoid

Replacing: 35640175
 12 V, B+ M8, Kl. 50 M5, OD 46.30,
 OD/cover 51.15, Total length 122.00,
 Height/B+ 19.60, Width/kl. 50 13.90,
 Coil bolt M8, Coil bolt 2 9.00,
 No./terminals 3
 Cap: HC-CARGO 131323.



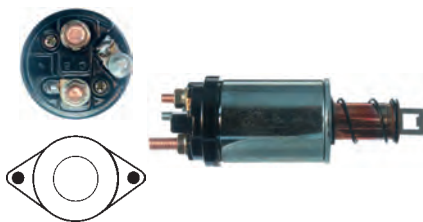
133187 Solenoid

Replacing: TPB147, TPB144, TOB194,
 TOB193, 77186, 77180, 77094, 77093,
 77091, 77031, 66964039
 Servicing: 8M90, 9M90, 25277, 25281,
 25281B, 25326, 25326A, 25326E, 25331,
 25331A, 25331D, 25332, 25332A, 25332E,
 25333, 25333A
 12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30,
 ID/cover 21.35, OD 46.90,
 OD/cover 51.35, Total length 156.00,
 Height/B+ 21.00, Width/kl. 15a 8.25,
 Width/kl. 50 14.70, Coil bolt M6,
 Coil bolt 2 14.80, No./terminals 4
 Cap: HC-CARGO 131078.



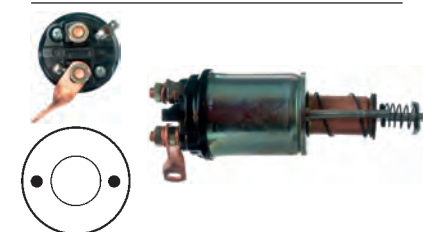
133300 Solenoid

Replacing: TPB139, 77219, 77199, 77175,
 000077219010, 000077175010, 000072219010
 Servicing: M79, 063226604010, 063226606010,
 063226607010, 063226609010, 063226614010,
 063226619010, 063226622010, 063226647010
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 9.40,
 ID/cover 21.30, OD 46.85,
 OD/cover 51.40, Total length 156.40,
 Height/B+ 18.45, Width/kl. 15a 15.50,
 Width/kl. 50 13.20, Coil bolt M6,
 Coil bolt 2 14.35, No./terminals 4
 Cap: HC-CARGO 139085.



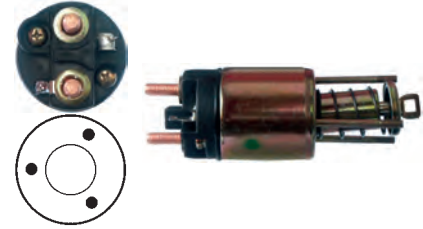
133301 Solenoid

Replacing: TPB143, TPB142, 77252, 77229,
 77221, 77190, 77185, 000077252010,
 000077229010, 000077221010
 Servicing: M79, 063226601010,
 063226626010, 063226627010,
 063226648010, 063226667010,
 063226678010, 063226679010, 063226680010
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 21.25, OD 46.85, OD/cover 51.35,
 Total length 157.45, Height/B+ 21.00,
 Width/kl. 50 12.55, Coil bolt M6,
 Coil bolt 2 14.50, No./terminals 3
 Cap: HC-CARGO 133200.



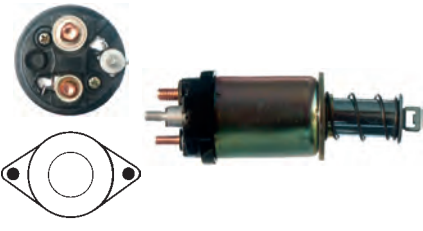
133531 Solenoid

Replacing: TPB119, TPB118, TPB116,
 TPB111, TPB104, SSL0005, 77143, 77141,
 77139, 77133, 77132, 77131, 77121
 Servicing: M127, 063227502010,
 063227510010, 063227518010,
 063227528010, 063227539010,
 063227541010, 063227564010, 063227565010
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 25.90, OD 53.85, OD/cover 60.00,
 Total length 181.00, Height/B+ 13.00,
 Width/kl. 50 14.00, Coil bolt M8,
 Coil bolt 2 13.00, No./terminals 3
 Cap: HC-CARGO 131015.



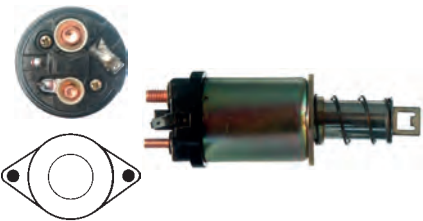
133566 Solenoid

Replacing: 085540471010
 Servicing: 063222831010, 063222832010,
 063222833010, 063222836010,
 063222837010, 063223031010,
 063223032010
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 23.20, OD 52.40, OD/cover 50.10,
 Total length 141.00, Height/B+ 19.00,
 Width/kl. 50 21.55, Coil bolt M8,
 Coil bolt 2 19.00, No./terminals 3
 Cap: HC-CARGO 132229.



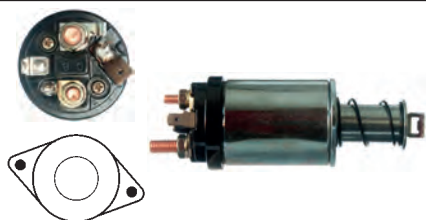
133590 Solenoid

Replacing: TPB152, 77231, 77230, 77209,
 77193, 000077231010, 000077230010,
 000077209010
 Servicing: M78, M79, 063226820010,
 063226823010, 063226824010,
 063226826010, 063226836010,
 063226837010, 063226838010
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 21.25, OD 44.85, OD/cover 51.80,
 Total length 146.00, Height/B+ 11.80,
 Width/kl. 50 12.50, Coil bolt M8,
 Coil bolt 2 13.20, No./terminals 3
 Cap: HC-CARGO 133200.



134455 Solenoid

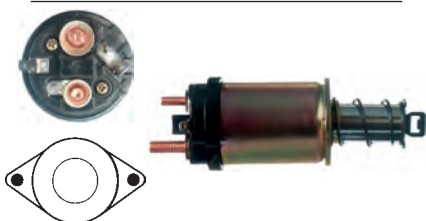
Replacing: TPB136, 77198, 77165,
 000077165010
 Servicing: M79, 063226655010,
 063227012010, 26623, 26624, 26624A,
 26624D, 26646, 26646B, 26646D, 26648,
 26648A, 26648B, 26649
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 21.20, OD 44.75, OD/cover 51.70,
 Total length 148.70, Height/B+ 12.35,
 Width/kl. 50 14.20, Coil bolt M6,
 Coil bolt 2 14.15, No./terminals 3
 Cap: HC-CARGO 139112.


134456 Solenoid

Replacing: TPB145, TPB138, 77196, 77170, 000077196010

Servicing: M78, M80, 063226701010, 063226707010, 063226717010, 063226719010, 063226722010, 063226804010, 063226812010

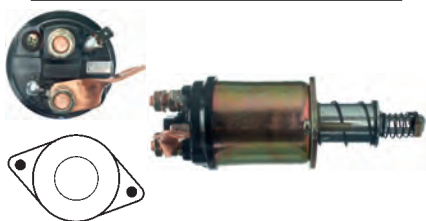
12 V, B+ M8, Kl. 15a 6.30, Kl. 50 9.40, ID/cover 21.25, OD 46.85, OD/cover 51.60, Total length 152.60, Height/B+ 21.40, Width/kl. 15a 15.25, Width/kl. 50 13.45, Coil bolt M6, Coil bolt 2 14.75, No./terminals 4
Cap: HC-CARGO 131079.


134457 Solenoid

Replacing: TPB146, TPB140, 77208, 77204, 77194, 77177, 77174, 000077204010, 000077177010, 000077174010

Servicing: M78, M80, 063226800010, 063226801010, 063226803010, 063226927010, 26715, 26715B, 26800D, 26800H, 26801B, 26801F, 26802

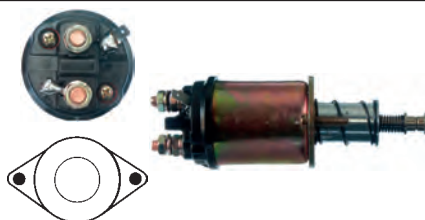
12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, ID/cover 21.35, OD 44.85, OD/cover 51.65, Total length 151.00, Height/B+ 20.70, Width/kl. 15a 8.10, Width/kl. 50 14.45, Coil bolt M6, Coil bolt 2 14.25, No./terminals 4
Cap: HC-CARGO 134430.


134483 Solenoid

Replacing: TPB122, TPB113, TPB112, 77152, 77135, 77129, 000077152010

Servicing: M127, 063227601010, 27533, 27551A, 27551B, 27552A, 27552B

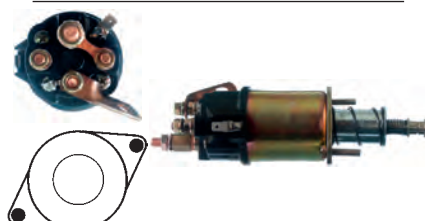
12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/cover 26.15, OD 53.55, OD/cover 60.20, Total length 174.85, Height/B+ 19.85, Width/kl. 15a 12.15, Width/kl. 50 12.00, Coil bolt M8, Coil bolt 2 20.45, No./terminals 4
Cap: HC-CARGO 135354.


134695 Solenoid

Replacing: TPB106, TOB196, TOB172, TOB115, 77161, 77156, 77110, 76982, 76962, 76917

Servicing: M45G, M418G, 2M113, 25616, 25616A, 25616J, 25660, 25660A, 25660B, 26269, 26269H, 26269L, 26346, 26346A, 26346D, 26346E

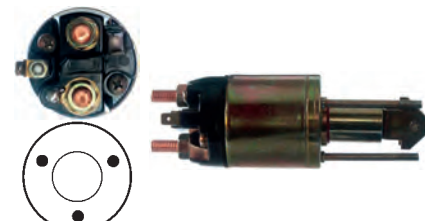
12 V, B+ M8, Kl. 50 6.30, ID/cover 26.00, OD 53.45, OD/cover 60.00, Total length 179.65, Height/B+ 20.15, Width/kl. 50 12.90, Coil bolt M8, Coil bolt 2 18.60, No./terminals 3
Cap: HC-CARGO 131015.


134696# Solenoid

Replacing: TOB175, 77089, 77004

Servicing: M50, 26398, 26398A, 26398F, 26398H, 26428A, 26428B

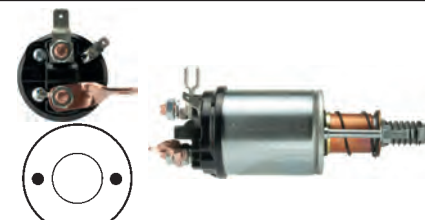
12 V, B+ M8, Kl. 15a M6, Kl. 50 6.30, ID/cover 26.25, OD 55.00, OD/cover 60.00, Total length 200.00, Height/B+ 36.45, Width/kl. 15a 16.15, Width/kl. 50 12.90, Coil bolt M6, Coil bolt 2 17.20, No./terminals 4
Cap: HC-CARGO 138207.


134862 Solenoid

Replacing: 085540461010

Servicing: 063221535010

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/cover 23.00, OD 51.70, OD/cover 50.35, Total length 147.30, Height/B+ 22.00, Width/kl. 15a 12.40, Width/kl. 50 10.15, Coil bolt M8, Coil bolt 2 21.15, No./terminals 4
Cap: HC-CARGO 136055.


134886 Solenoid

Replacing: TPB115, TPB114, SSL0009, 77138, 77136, 000077136010

Servicing: M127/2.8 KW, 063227553010, 063227554010, 27506A, 27506D, 27507A, 27507B, 27511, 27511A, 27553A, 27553D, 27554A, 27554B

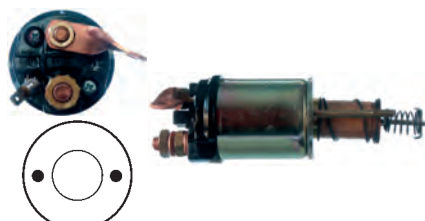
12 V, B+ M8, Kl. 50 6.30, ID/cover 26.25, OD 53.55, OD/cover 60.00, Total length 182.50, Height/B+ 26.30, Width/kl. 50 23.00, Coil bolt M8, Coil bolt 2 19.65, No./terminals 3
Cap: HC-CARGO 131015.


134888 Solenoid

Replacing: TPB124, SSL0006, 77122, 60933109, 085541323010, 000077122010

Servicing: M127/2.8 KW, 063227501010, 063227508010, 063227567010, 063227586010, 27531A, 27531B, 27531D, 27567A, 27575, 27604

12 V, B+ M10, Kl. 50 6.30, ID/cover 26.00, OD 53.60, OD/cover 59.70, Total length 181.45, Height/B+ 24.55, Width/kl. 50 23.55, Coil bolt M8, Coil bolt 2 19.65, No./terminals 3
Cap: HC-CARGO 132270.


134890 Solenoid

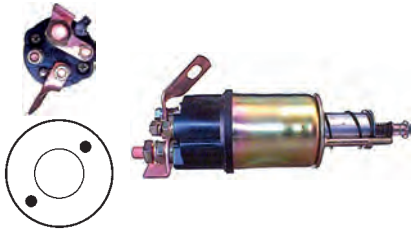
Manufacturer: Lucas

Replacing: TPB110, SSL0007, 77269, 77130, 000077269010

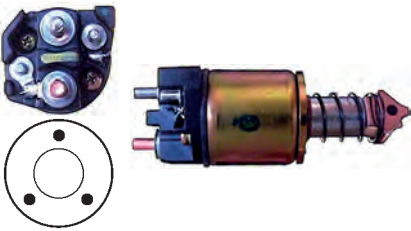
Servicing: M127/2.8 KW, 063227587010, 27512, 27512A, 27512D, 61924045, 61924049

12 V, B+ M10, Kl. 50 6.30, ID/cover 26.00, OD 53.60, OD/cover 59.70, Total length 180.50, Height/B+ 24.00, Width/kl. 50 14.30, Coil bolt M8, Coil bolt 2 20.50, No./terminals 3
Cap: HC-CARGO 132270.

Alternative no.: 335154



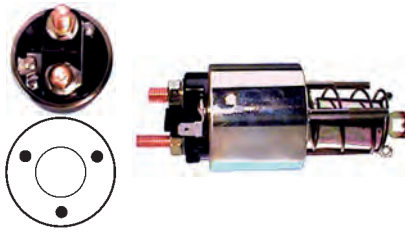
134891 Solenoid
 Replacing: TOB180, 77027
 Servicing: M50, 26342, 26342D, 26342K, 26342L
 12 V, B+ M10, Kl. 15a M6, Kl. 50 6.30, ID/cover 26.35, OD 53.60, OD/cover 60.30, Total length 210.70, Height/B+ 30.65, Width/kl. 15a 16.75, Width/kl. 50 12.15, Coil bolt M6, Coil bolt 2 16.75, No./terminals 4
 Cap: HC-CARGO 131276.



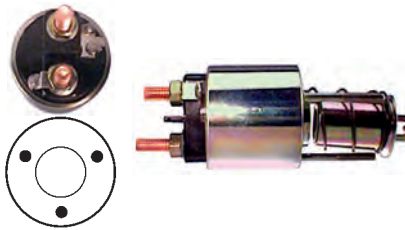
136164 Solenoid
 Replacing: 085540711010
 Servicing: 063222035010
 12 V, B+ M8, Kl. 30h M5, Kl. 50 M6, ID/cover 23.20, OD 51.50, OD/cover 54.25, Total length 131.90, Height/B+ 14.55, Width/kl. 30h 8.20, Width/kl. 50 10.15, Coil bolt M8, Coil bolt 2 13.70, No./terminals 4
 Cap: HC-CARGO 231582. w/ 30H terminal.



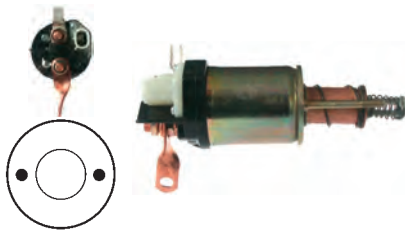
136889 Solenoid
 Replacing: 77223, 77222, 000077222010
 Servicing: M78R, 063226834010, 063226845010, 26813, 26814, 26841, 26848
 12 V, OD 46.00, Total length 126.00, No./terminals 3
 Cap: HC-CARGO 136892.



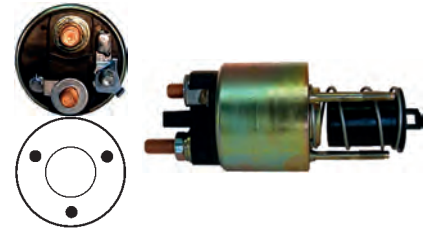
137190 Solenoid
 Replacing: 085540981010
 Servicing: 063222889010, 063222936010
 12 V, B+ M8, Kl. 50 6.30, ID/cover 25.25, OD 53.90, OD/cover 46.80, Total length 126.55, Height/B+ 23.70, Width/kl. 50 13.80, Coil bolt M8, Coil bolt 2 11.40, No./terminals 3
 Cap: HC-CARGO 137347.



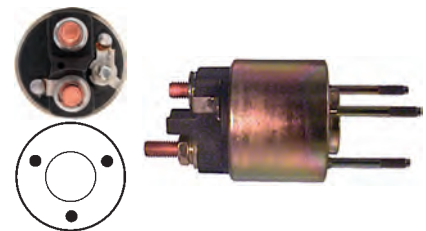
137191 Solenoid
 Replacing: 085541820010
 Servicing: 063222900010, 063223085010, 063223303010
 12 V, B+ M8, Kl. 50 6.30, ID/cover 25.20, OD 53.80, OD/cover 49.00, Total length 126.70, Height/B+ 26.40, Width/kl. 50 13.90, Coil bolt M8, Coil bolt 2 15.00, No./terminals 3
 Cap: HC-CARGO 139602.



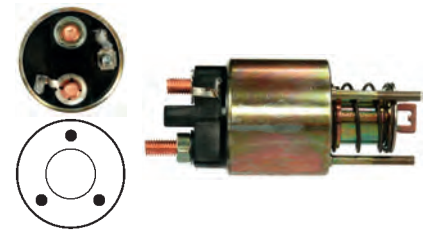
137759 Solenoid
 Replacing: TPB157, SSL0012, SSL0010, 77287, 77271, 77259, 77207
 Servicing: M127, 27510, 27569A, 27570A, 27570B, 27571A, 27571B, 27572A, 27572B, 27573, 27574, 27576, 27583, 27583A, 27602, 27603
 12 V, B+ M8, Kl. 50 6.30, ID/cover 26.00, OD 53.75, OD/cover 59.85, Total length 184.70, Height/B+ 18.90, Coil bolt M8, Coil bolt 2 24.10, No./terminals 3
 Cap: HC-CARGO 139159.



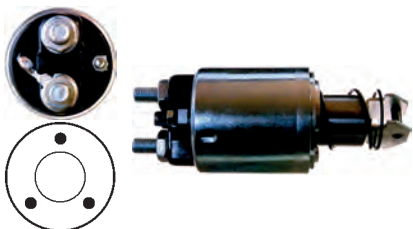
138444 Solenoid
 Replacing: 085541670010, 085541420010, 063602106010
 Servicing: 063111007010, 063113002010, 063113003010, 063113004010, 063223730010, 063293538010
 12 V, B+ M8, Kl. 50 M6, ID/cover 25.00, OD 53.90, OD/cover 46.90, Total length 118.85, Height/B+ 16.40, Width/kl. 50 11.95, Coil bolt M8, Coil bolt 2 10.40, No./terminals 3
 Cap: HC-CARGO 139602. Moving contact: HC-CARGO 233969.



138477 Solenoid
 Replacing: 063602502010
 Servicing: 063114008010, 063114010010
 12 V, B+ M8, Kl. 50 M6, OD 54.50, OD/cover 47.50, Height/B+ M8, Width/kl. 50 10.00, No./terminals 3
 Cap: HC-CARGO 139602. Moving contact: HC-CARGO 137348.

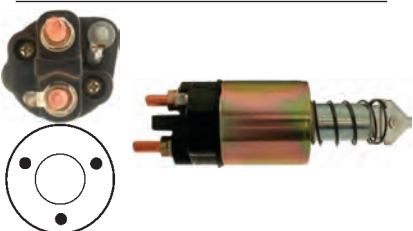


138531 Solenoid
 Replacing: 085541070010
 Servicing: 063223039010, 063293039010
 12 V, B+ M8, Kl. 50 M6, ID/cover 25.35, OD 54.00, OD/cover 47.40, Total length 124.55, Height/B+ 20.90, Width/kl. 50 11.75, Coil bolt M8, Coil bolt 2 10.40, No./terminals 3
 Terminal: HC-CARGO 231863.


138753 Solenoid

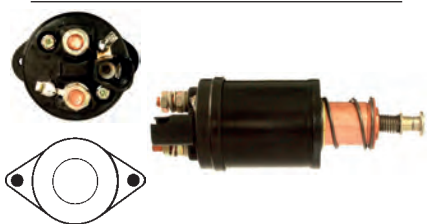
Replacing: 085540031010

 Servicing: 063216876010, 063216884010,
063217173010, 063217401010,
063217402010, 063217407010

 12 V, B+ M10, Kl. 50 6.30, OD 60.90,
Total length 160.00, Height/B+ 15.30,
Width/kl. 50 6.30, No./terminals 3
Cap: HC-CARGO 139141.

139104 Solenoid

Replacing: 085540922010

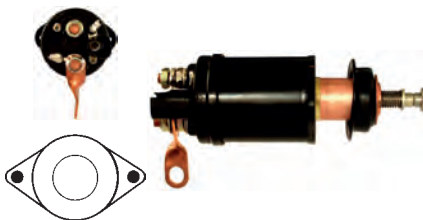
 Servicing: 063222135010, 063222136010,
063222138010, 063222204010,
063222206010

 12 V, B+ M8, Kl. 50 M6,
ID/cover 23.30, OD 51.60, OD/cover 50.65,
Total length 144.00, Height/B+ 25.25,
Width/kl. 50 9.00, Coil bolt M8,
Coil bolt 2 20.35, No./terminals 3
Cap: HC-CARGO 232417.

230264 5★ Solenoid

Manufacturer: Lucas

Replacing: 26964041

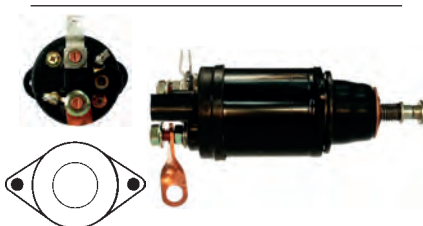
Servicing: 26925155B

 12 V, B+ M8, Kl. 50 6.30,
ID/cover 28.20, OD 58.00, OD/cover 59.10,
Total length 173.00, Height/B+ 18.00,
Coil bolt M8, Coil bolt 2 23.70,
No./terminals 3

230266# 5★ Solenoid

Manufacturer: Lucas

 Replacing: 26964059B, 26964059,
26964058A, 26964058

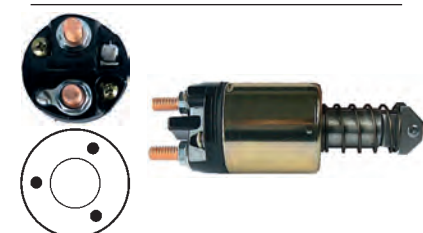
Servicing: 26925193A, 26925194D

 12 V, B+ M8, Kl. 50 6.30,
ID/cover 28.80, OD 57.10, OD/cover 59.00,
Total length 172.00, Height/B+ 20.15,
Coil bolt M8, Coil bolt 2 23.00,
No./terminals 3

230268 5★ Solenoid

Manufacturer: Lucas

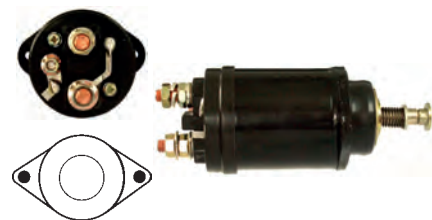
Replacing: 26964060A

 Servicing: 26025007A, 26925196A,
26925196B

 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 9.40,
ID/cover 28.60, OD 57.10,
OD/cover 58.65, Total length 170.75,
Height/B+ 20.75, Width/kl. 15a 11.70,
Width/kl. 50 32.85, Coil bolt M8,
Coil bolt 2 20.15, No./terminals 3

230325 Solenoid

Replacing: 085540041010

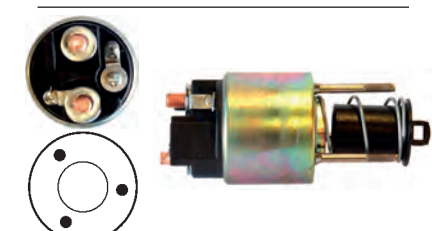
 Servicing: 063220932010, 063221433010,
063221531010, 063221532010,
063221534010, 063221538010,
063221539010, 063221632010

 12 V, B+ M8, Kl. 50 6.30,
ID/cover 22.25, OD 50.00, OD/cover 50.00,
Total length 126.70, Height/B+ 21.30,
Width/kl. 50 14.45, Coil bolt M8,
Coil bolt 2 20.55, No./terminals 3
Cap: HC-CARGO 132229.

230342 5★ Solenoid

Manufacturer: Lucas

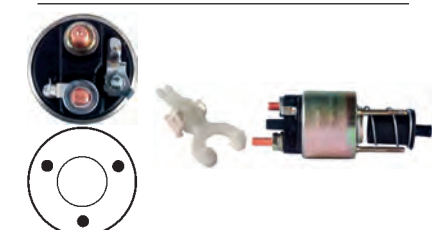
Replacing: 26964038D

Servicing: 26925198D

 12 V, B+ M8, Kl. 50 M5,
ID/cover 26.00, OD 57.25, OD/cover 58.55,
Total length 177.25, Height/B+ 19.90,
Width/kl. 50 10.65, Coil bolt M8,
Coil bolt 2 18.40, No./terminals 3

230805 Solenoid

Replacing: 085541210010, 083227502010

 Servicing: 063102000010, 063191001010,
063192000010

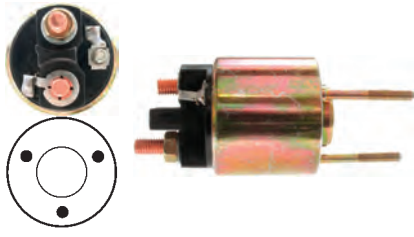
 12 V, B+ M8, Kl. 50 M6,
ID/cover 25.70, OD 54.00, OD/cover 47.40,
Total length 112.75, Height/B+ 12.50,
Width/kl. 50 13.60, Coil bolt M8,
Coil bolt 2 9.55, No./terminals 3
Cap: HC-CARGO 139602.

230807 5★ Solenoid

Manufacturer: Magneti Marelli

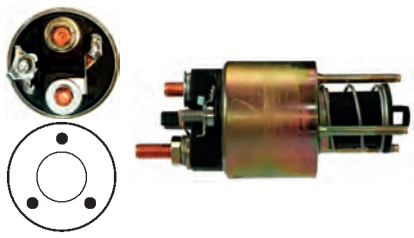
Replacing: 085541860010

 Servicing: 063102008010, 063103002010,
063103003010, 063103007010,
063103008010, 063103022010,
063103023010, 063103025010

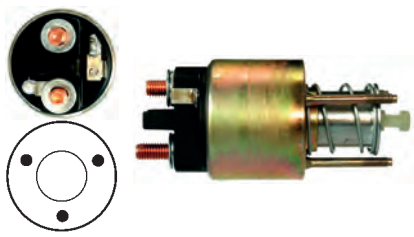
 12 V, B+ M8, Kl. 50 M6,
ID/cover 25.55, OD 54.00, OD/cover 47.50,
Total length 123.00, Height/B+ 23.35,
Width/kl. 50 10.00, Coil bolt M8,
Coil bolt 2 9.50, No./terminals 3
Cap: HC-CARGO 139602.



230808 Solenoid
 Replacing: 085541740010
 Servicing: 063103026010, 063111016010, 063111017010, 063111036010
 12 V, B+ M8, KI. 50 M6,
 ID/cover 25.70, OD 54.00, OD/cover 47.55,
 Total length 122.85, Height/B+ 23.30,
 Width/kl. 50 10.00, Coil bolt M8,
 Coil bolt 2 9.75, No./terminals 3
 Cap: HC-CARGO 139602.



230809 Solenoid
 Replacing: 085541560010
 Servicing: 063111005010
 12 V, B+ M8, KI. 50 M6,
 ID/cover 25.75, OD 54.00, OD/cover 47.40,
 Total length 123.00, Height/B+ 23.45,
 Width/kl. 50 9.95, Coil bolt M8,
 Coil bolt 2 9.55, No./terminals 3
 Cap: HC-CARGO 139601.



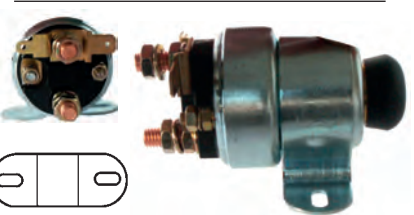
231479 Solenoid
 Replacing: 085541350010
 Servicing: 063191007010
 12 V, B+ M8, KI. 50 6.30,
 ID/cover 25.65, OD 54.00, OD/cover 47.20,
 Total length 115.00, Height/B+ 14.85,
 Width/kl. 50 15.00, Coil bolt M8,
 Coil bolt 2 9.65, No./terminals 3
 Cap: HC-CARGO 233074.



231806 Solenoid
 Replacing: 085541111010, 085541110010
 Servicing: 063223103010, 063223104010, 063230001010, 063230003010, 063293103010, 063293104010
 12 V, B+ M8, KI. 50 9.40,
 ID/cover 25.30, OD 54.00, OD/cover 47.00,
 Total length 121.00, Height/B+ 16.65,
 Width/kl. 50 17.25, Coil bolt M8,
 Coil bolt 2 10.65, No./terminals 3
 Cap: HC-CARGO 137346.



233954 Solenoid
 Replacing: SRB716, 76702
 12 V, B+ M8, KI. 50 6.30, OD 43.35,
 OD/cover 44.45, Total length 94.95,
 Height/B+ 19.35, Width/kl. 50 13.70,
 Coil bolt M8, Coil bolt 2 18.35,
 No./terminals 3



233955 Solenoid
 Replacing: SRB319, 76731
 12 V, B+ M8, KI. 15a M5, KI. 50 M5,
 OD 43.40, OD/cover 44.35,
 Total length 94.50, Height/B+ 19.25,
 Width/kl. 15a 11.65, Width/kl. 50 11.70,
 Coil bolt M8, Coil bolt 2 18.30,
 No./terminals 4
 Alternative no.: 130951



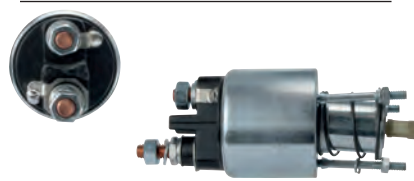
234733 Solenoid
 Replacing: 085541360010
 Servicing: 063101015010, 063101018010, 063101023010, 063102018010, 063102021010, 063103028010, 063103031010, 063111033010
 12 V, B+ M8, KI. 50 M6,
 ID/cover 25.00, OD 54.00, OD/cover 49.45,
 Total length 125.30, Height/B+ 22.90,
 Width/kl. 50 9.30, Coil bolt M8,
 Coil bolt 2 10.10, No./terminals 3
 Cap: HC-CARGO 139601.



235267 Solenoid
 Replacing: 77262, 000077262010
 Servicing: M80R, 063226945010, 26943, 26946
 12 V, B+ M8, OD 45.50,
 Height/B+ 21.50, No./terminals 3



238667 Solenoid
 Replacing: SSL0011, 77218
 Servicing: 27408, 27474
 12 V, B+ M8, KI. 50 6.30, OD 54.80,
 Total length 160.00, Height/B+ 12.50,
 Coil bolt M8, Coil bolt 2 17.50



238841 Solenoid
 Replacing: 085541990010
 Servicing: 063101021010, 063102022010
 12 V, B+ M8, OD 54.05, Height/B+ 16.25,
 Total length 129.00, Coil bolt M8,
 Coil bolt 2 9.25, No./terminals 2


239075 Solenoid

Replacing: 085553402010

Servicing: 063280091010

12 V, B+ M8, Kl. 50 M5, OD 54.25,
Total length 106.20, Height/B+ 18.30,
Width/kl. 50 9.45, Coil bolt M8,
Coil bolt 2 10.95, No./terminals 3

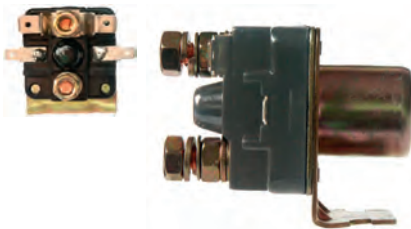

335154 Solenoid

 Replacing: TPB110, SSL0007, 77269, 77130,
000077269010

Servicing: 27512, 27587

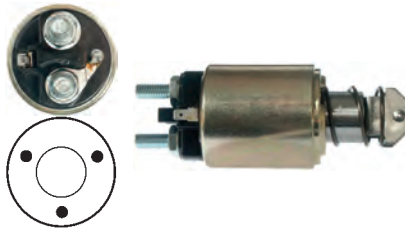
12 V, B+ M10, Kl. 50 6.30, OD 53.60,
OD/cover 61.00, Total length 113.50,
Height/B+ 29.00, Coil bolt M8,
Coil bolt 2 20.50, No./terminals 3

Alternative no.: 134890

24 V

130952 Solenoid

24 V, B+ M8, Kl. 50 6.30, OD 52.60,
Total length 76.85, Height/B+ 19.10,
Width/kl. 50 22.00, No./terminals 4
Insulated return.

Alternative no.: 233956

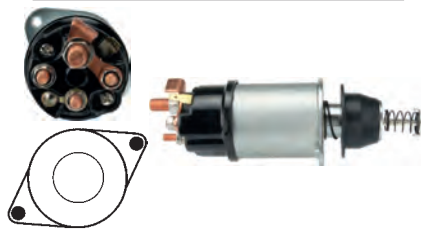

131115 Solenoid

 Replacing: TOB811, 085540211010,
063633933010

Servicing: 063216727010, 063216731010,
063216733010, 063216740010,
063216741010, 063216748010,
063217225010, 063217226010

24 V, B+ M10, Kl. 50 6.30,
ID/cover 30.00, OD 60.80, OD/cover 54.70,
Total length 157.80, Height/B+ 20.35,
Width/kl. 50 14.00, Coil bolt M10,
Coil bolt 2 20.35, No./terminals 3

Cap: HC-CARGO 131329. Moving Contact:
HC-CARGO 132248.

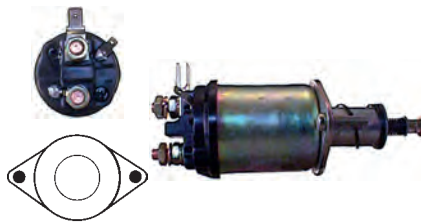

132404 Solenoid

Replacing: TOB127, TOB126, 77008, 76936

Servicing: M50, M127, 27301A, 27301H,
27301K, 27304A, 27304J, 27304L, 27305A,
27305H, 27305K, 27307A, 27307E, 27307H,
27310A

24 V, B+ M10, Kl. 15a M6, Kl. 50 6.30,
ID/cover 25.85, OD 54.00,
OD/cover 60.50, Total length 198.60,
Height/B+ 30.55, Width/kl. 15a 18.55,
Width/kl. 50 13.00, Coil bolt M6,
Coil bolt 2 12.65, No./terminals 3

Cap: HC-CARGO 131276.

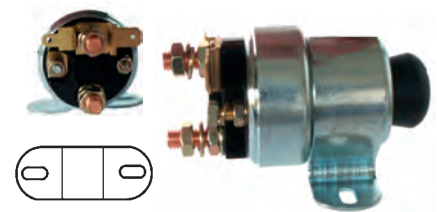

134899 Solenoid

 Replacing: TPB127, SSL0023, 77108, 76989,
61611

Servicing: M45G, 3M113, 26387, 27429,
27429A, 27429B, 27461, 27461A, 27461B,
27462, 27462A, 27462B

24 V, B+ M8, Kl. 15a 6.30, Kl. 50 9.40,
ID/cover 26.30, OD 55.00,
OD/cover 60.25, Total length 176.00,
Height/B+ 16.90, Width/kl. 15a 12.45,
Width/kl. 50 33.15, Coil bolt M8,
Coil bolt 2 18.50, No./terminals 3

Cap: HC-CARGO 131015.


233956 Solenoid

Replacing: SRB321, 76732

24 V, B+ M8, Kl. 15a M5, Kl. 50 M5,
OD 43.55, Total length 93.65,
Height/B+ 19.30, Width/kl. 15a 10.95,
Width/kl. 50 10.90, Coil bolt M8,
Coil bolt 2 19.00, No./terminals 4

Alternative no.: 130952

Solenoid Parts
Solenoid Caps

131015 Solenoid Cap

 Replacing: TWB113, TWB112, SSL0901,
61194002, 60600678, 60600645, 60600381,
60600379, 60600129, 60600128

Servicing: 25602A, 25602B, 25603A, 25603F,
25604A, 25604D, 25615A, 25615E, 25620A,
25620D, 25626A, 25626D, 25633A, 25633E,
26148

OD 60.20, No./terminals 3

 HC-CARGO 131786, 132269, 133531, 134695,
134899.

131078 Solenoid Cap

Replacing: TWB122, TWB117, 54646009

Servicing: 25206, 25250, 25255, 25276,
25277, 25281, 25281B, 25288, 25289, 25290,
25326, 25331, 25332, 25335, 25338, 25339,
25344

OD 51.75, No./terminals 4

HC-CARGO 131255, 133187.



131079 Solenoid Cap
 Replacing: TWB124
 Servicing: 25349, 25375, 25387, 25411, 26602, 26607, 26614, 26618, 26619, 26622, 26660, 26690, 26692, 26693, 26694, 26696, 26702
 OD 51.75, No./terminals 4
 HC-CARGO 134456.



131264 Solenoid Cap
 Replacing: TWB100, 54642436
 Servicing: 26133, 26145, 26154, 26167, 26173, 26200, 26219, 26220, 26391, 27421, 76458, 76474, 76490, 76498, 76538, 76712, 76727
 OD 58.15, No./terminals 4
 HC-CARGO 131252.



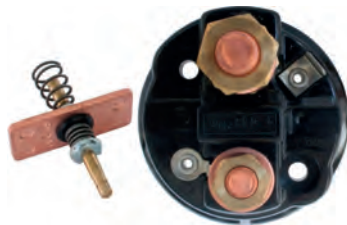
131274 Solenoid Cap
 Replacing: TWB114, SSL0903, 61194021, 60600759, 60600650, 60600125, 60600120, 54644304, 54644303, 54644302
 Servicing: 25621A, 25621E, 25627A, 25627E, 25632A, 25632F, 25664A, 25664B, 25673A, 26256, 26259, 26278, 26281, 26286, 26321, 27413
 OD 60.45, No./terminals 3
 HC-CARGO 130855.



131275 Solenoid Cap
 Replacing: TWB107, TWB105, 60600906, 54646683, 54646676, 54645021, 54644187, 54643312, 54643131, 54642903
 Servicing: 26211, 26227, 26265, 26273, 26274, 26284, 26284E, 26291, 26294, 26295, 26311, 26312, 26316, 26323, 26329, 26338, 26339
 OD 60.15, No./terminals 4
 HC-CARGO 131247, 131248.



131276 Solenoid Cap
 Replacing: TWB108, 54646689, 54646071, 54645590, 54644128
 Servicing: 26336, 26342, 26355, 26356, 26386, 26388, 26407, 26428, 26428A
 OD 60.30, No./terminals 4
 HC-CARGO 131121, 132404, 134891.



132270 Solenoid Cap
 Replacing: TWB111, SSL0900, 61194001, 60600568
 Servicing: 27430, 27501, 27508, 27512, 27567, 27575, 27577, 27586, 27587, 27604, 61924011, 61924015, 61924017, 61924027, 61924033
 OD 59.75, No./terminals 3
 HC-CARGO 131785, 134888, 134890.



133200 Solenoid Cap
 Replacing: TWB121, TWB119, 54648102, 54647433
 Servicing: 25400, 26009, 26587, 26600, 26601, 26602, 26605, 26616, 26618, 26626, 26628, 26648, 26655, 26667, 26678, 26679, 26680
 OD 51.85, No./terminals 3
 HC-CARGO 133590.



134430 Solenoid Cap
 Replacing: TWB123
 Servicing: 26715, 26801, 26812, 26835, 26847, 77118, 77170, 77174, 77177, 77191, 77194, 77196, 77204, BLMC, TPB138, TPB140, TPB145
 OD 51.75, No./terminals 4
 HC-CARGO 134457.



135353# Solenoid Cap
 Servicing: 77136, 77138, TPB114, TPB115
 OD 60.70, No./terminals 3
 HC-CARGO 134886.



135354 Solenoid Cap
 Servicing: 77129, 77135, TPB112, TPB122
 OD 60.70, No./terminals 4
 HC-CARGO 134483.



136892 Solenoid Cap
 Replacing: 54648379, 54648007
 Servicing: 26667, 26813, 26814, 26834, 26841, 26845, 27022, 27043, 27047, 77222
 OD 52.00, No./terminals 3
 HC-CARGO 136889.



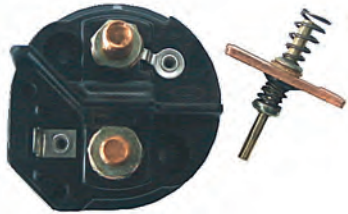
137057 Solenoid Cap
 Servicing: 27048, 77252
 OD 51.40, No./terminals 3
 HC-CARGO 133301.



139085 Solenoid Cap
 Replacing: TWB125
 Servicing: 77175, 77197, 77201, TPB139, TPB150
 OD 51.80, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 133300.



139112 Solenoid Cap
 Servicing: 77165, 77198, TPB136
 OD 51.70, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 134455.



139159 Solenoid Cap
 Replacing: TWT200, SSL0902, 61194003,
 54648338
 Servicing: 61924038, 77207, TPB157
 OD 60.00, No./terminals 4
 HC-CARGO 137759.



139177 Connection
 Replacing: 54645844, 54642959
 Servicing: 26025007A, 26211, 26211A,
 26211L, 26211M, 26211T, 26211U, 26227,
 26227R, 26227V, 26246A, 26246L, 26246M,
 26265, 26265J
 Length 54.40, Width 16.15

Moving Contacts



137058 Moving Contact
 Servicing: TOB130, TOB135, TOB140,
 TOB157, TOB171, TOB181, TOB184
 Length 32.70, Shaft measurement 32.40,
 Thickness 2.45, Width 12.00/18.60



137059 Moving Contact
 Replacing: 54647861
 Servicing: 26812, 26835, 26847, 77171,
 77177, 77192, 77194, 77204, TPB132,
 TPB140, TPB146
 Length 32.70, Shaft measurement 31.55,
 Thickness 3.00, Width 12.00/18.60



231839 Moving Contact
 Servicing: 77222
 Length 32.00, Shaft measurement 30.00,
 Thickness 2.50, Width 12.20



231840 Moving Contact
 Servicing: 77221
 Length 32.10, Shaft measurement 32.20,
 Thickness 2.40, Width 12.30



235014 Moving Contact
 Length 38.00, Shaft measurement 30.00,
 Thickness 2.55, Width 16.10
 Silver plated.

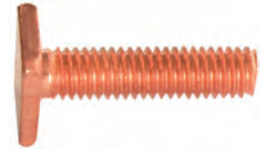
Pkg. 5

Pkg. 10

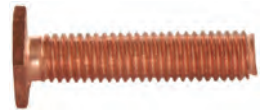
Pkg. 30

Pkg. 5

Fixed Contacts

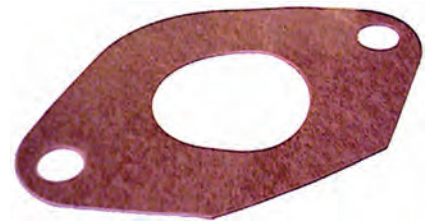


234316 Fixed Contact
 Servicing: TPB136, TPB138, TPB142,
 TPB143, TPB150
 Total length 26.75, Thread size M6



234317 Fixed Contact
 Servicing: TPB136, TPB138, TPB142,
 TPB143, TPB150
 Total length 37.00, Thread length 32.80,
 Thread size M8

Various



136276 Gasket
 Servicing: M50
 ID 28.00, ID/mount. hole 8.15,
 Length 80.65, Thickness 0.30, Width 54.00

Drives



130406 Drive
 Replacing: TMB420
 ID 12.00, OD 26.00, OD/housing 46.15,
 Total length 68.50, Splines A 10,
 No./teeth 9, Rotation CR



130414ZZ Drive
 Replacing: TMB471
 ID 12.00, OD 25.20, OD/housing 54.15,
 Total length 70.95, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130414, 130414Z



130440 Drive
 Replacing: TMJ106, TMJ100
 ID 13.00, OD 29.70, OD/housing 46.25,
 Total length 62.00, Splines A 10,
 No./teeth 9, Rotation CR



130441 Drive
 Replacing: TMJ401
 ID 12.50, OD 29.15, OD/housing 46.25,
 Total length 86.00, Splines A 10,
 No./teeth 9, Rotation CR



130443 Drive
 Replacing: TLB118, 60600342, 292124
 Servicing: 26145, 26147A, 26147H, 26147J,
 26147M, 26148, 26148A, 26148F, 26148H,
 26148N, 26149H, 26149M, 26151A, 26151F,
 26151H
 ID 14.30, OD 40.00, OD/housing 68.00,
 Total length 106.85, Splines A 6,
 No./teeth 10, Rotation CR



130444 Drive
 Replacing: TLB117, 60600341, 292130
 Servicing: 26133, 26173, 26206
 ID 14.25, OD 39.75, OD/housing 68.25,
 Total length 106.50, Splines A 6,
 No./teeth 11, Rotation CR



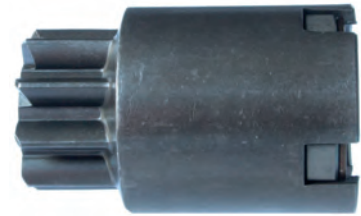
130445 Drive
 Replacing: TMB115, 54247187, 54246896,
 54246738, 54243783
 Servicing: 26211, 26211U, 26213, 26227,
 26227R, 26227V, 26265, 26265J, 26265M, 26291,
 26291E, 26305D, 26305H, 26305J, 26305N
 ID 17.00, OD 39.85, OD/housing 60.00,
 Total length 70.15, Splines A 12,
 No./teeth 10, Rotation CR



130446 Drive
 Replacing: TMB105, 54259688, 54246725
 Servicing: 26148, 26196, 26236A, 26236K,
 26238A, 26238L, 26248A, 26248L, 26256,
 26256A, 26256E, 26259, 26259A, 26259K, 26264
 ID 17.00, OD 39.85, OD/housing 60.00,
 Total length 72.85, Splines A 3,
 No./teeth 10, Rotation CR



130447 Drive
 Replacing: TMB116, 54247184, 54246739,
 54246340
 Servicing: 26317B, 26317D, 26317E, 26317H,
 26355, 26355A, 26355B, 26355D, 26355J, 26356,
 26356A, 26356B, 26356D, 26356E, 26356F
 ID 17.00, OD 45.70, OD/housing 60.00,
 Total length 70.10, Splines A 12,
 No./teeth 13, Rotation CR



130449 Drive
 Replacing: TLB112, 54252212
 Servicing: 25016, 25022, 25024, 25041,
 25061, 25062, 25063, 25065, 25071, 25075,
 25079, 25079A, 25079J, 25083, 25083A,
 25083H
 ID 16.00, OD 29.10, OD/housing 36.90,
 Total length 58.00, Splines A 4,
 No./teeth 9, Rotation ACR



130450 Drive
 Replacing: TMB104, 54259800, 54256984,
 54246724
 Servicing: 26208, 26208A, 26208E, 26211,
 26211A, 26211L, 26227, 26291
 ID 17.00, OD 39.90, OD/housing 60.00,
 Total length 70.00, Splines A 3,
 No./teeth 10, Rotation CR



130451 Drive
 Replacing: TMB143, TMB101, 60600210,
 54258190, 54247188, 54246661, 54243848,
 54240795
 Servicing: 26211, 26211M, 26211T, 26227,
 26227A, 26227Q, 26291, 26291A, 26291D,
 26305, 26305A, 26305B, 26312A, 26316,
 26321, 26329
 ID 17.00, OD 39.90, OD/housing 60.00,
 Total length 70.00, Splines A 3,
 No./teeth 10, Rotation CR


130452 Drive

Replacing: TNB165, TNB108, TMB120, 60600024, 54294922, 54268141, 54247036, 54247034, 26253078, 085541490010

Servicing: 063227408010, 063227409010, 063227415010, 063227417010, 063227425010, 063227468010, 063227470010, 063227474010

ID 17.00, OD 39.90, OD/housing 60.00, Total length 73.00, Splines A 12, No./teeth 10, Rotation CR

Alternative no.: 130452Z

Best Choice


130452Z Drive

Replacing: 54294922, 54268141, 54247036, 54247034, 26253078, 085541490010, 085541479010, 085541454010

ID 17.00, OD 39.50, OD/housing 60.00, Total length 73.50, Splines A 12, No./teeth 10, Drive type Steel, Rotation CR

Alternative no.: 130452


130453 Drive

Replacing: TMB142, TMB100, 60600066, 54246654, 54246285, 54244938, 26252342

Servicing: 26246M, 26273, 26273E, 26273F, 26273H, 26273M, 26274, 26274E, 26274F, 26274H, 26274N, 26290B, 26294, 26294D, 26294E

ID 17.00, OD 39.90, OD/housing 60.00, Total length 73.00, Splines A 12, No./teeth 10, Rotation CR


130737 Drive

Replacing: 085540661010

Servicing: 063220732010, 063220735010, 063220740010, 063220741010, 063220743010, 063220744010, 063220746010, 063220932010

ID 11.70, OD 25.55, OD/housing 43.70, Total length 71.15, Splines A 6, No./teeth 9, Rotation CR


130741 Drive

Replacing: TMJ204

ID 12.85, OD 29.15, OD/housing 45.40, Total length 60.15, Splines A 8, No./teeth 9, Rotation CR


130745 Drive

Replacing: TLB110, 291559

Servicing: 26072, 26132, 26132A, 26132F, 26132H, 26132J, 26132R, 26135, 26136, 26143, 26143A, 26143H, 26143J, 26143Q, 26172

ID 14.30, OD 39.70, OD/housing 58.10, Total length 111.85, Splines A 6, No./teeth 11, Rotation CR


130749 Drive

Replacing: 072138801010

Servicing: 063216733010, 063216816010, 063216833010, 063216846010, 063217117010, 063217173010, 063217182010, 063217402010

ID 14.35, OD 34.40, OD/housing 60.30, Total length 77.20, Splines A 6, No./teeth 9, Rotation CR


130759 Drive

Replacing: 223224

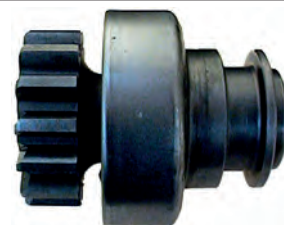
ID 12.00, OD 25.25, OD/housing 46.30, Total length 59.45, Splines A 12, No./teeth 9, Rotation CR


130897 Drive

Replacing: TMB102, 60600050, 54246662, 54243781

Servicing: M50, 26234K, 26336, 26336A, 26336F, 26336H, 26336Q, 26336R, 26337A, 26337B, 26337D, 26337H, 26349, 26349A, 26349B

ID 17.00, OD 39.85, OD/housing 60.00, Total length 100.00, Splines A 12, No./teeth 10, Rotation CR


130959# Drive

Replacing: TMB134, 54261078

Servicing: M50, 26386, 26386A, 26386K, 26386L

ID 16.75, OD 49.40, OD/housing 60.25, Total length 73.50, Splines A 12, No./teeth 14, Rotation CR


131035 Drive

Replacing: TNB137, 54247181, 54247077, 54246005, 54245341, 54245201, 54244686

Servicing: M35J, 25137A, 25137E, 25137F, 25137N, 25165A, 25165D, 25165E, 25165Q, 25166A, 25166B, 25166D, 25166F, 25167A, 25167E

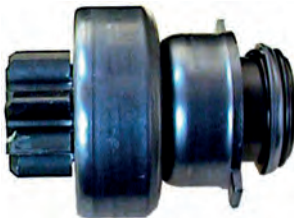
ID 12.00, OD 28.90, OD/housing 48.30, Total length 68.50, Splines A 12, No./teeth 9, Rotation CR



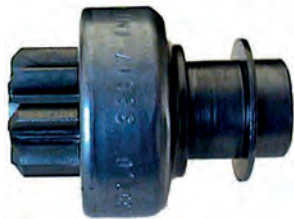
131083# Drive
 Replacing: 54262393
 ID 12.10, OD 25.55, OD/housing 46.20,
 Total length 80.65, Splines A 9,
 No./teeth 9, Rotation CR



131085 Drive
 Replacing: TMJ107, TMJ103
 ID 12.50, OD 29.70, OD/housing 47.00,
 Total length 62.00, Splines A 5,
 No./teeth 9, Rotation CR




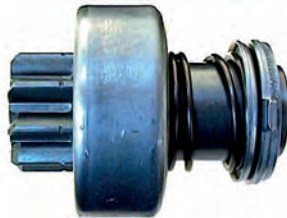
131086 Drive
 Replacing: TMJ102
 ID 12.50, OD 28.00, OD/housing 46.20,
 Total length 62.00, Splines A 5,
 No./teeth 8, Rotation CR



131087 Drive
 Replacing: TMJ210
 ID 12.75, OD 28.10, OD/housing 45.00,
 Total length 61.55, Splines A 8,
 No./teeth 8, Rotation CR



131104ZZ Drive
 Replacing: TMB570, TMB455
 ID 12.00, OD 25.30, OD/housing 46.20,
 Total length 58.40, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 333176 , 131104



131109 Drive
 Replacing: 072139001010
 Servicing: 063216727010, 063216740010,
 063216827010, 063216898010, 063217118010,
 063217119010, 063217120010, 063217125010
 ID 14.30, OD 34.55, OD/housing 59.70,
 Total length 77.20, Splines A 12,
 No./teeth 9, Rotation CR
 Drive w/ lever: HC-CARGO 234921, 234922.



131110 Drive
 Replacing: TMJ400
 ID 12.55, OD 29.10, OD/housing 46.25,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation CR



131206 Drive
 Replacing: TNB144, 54249042, 54249034,
 54247106, 54246253
 Servicing: 2M100, 3M100, 25638A, 25638E,
 25639A, 25639E, 25648, 25648A, 25648K, 25683A,
 25683D, 25685A, 25685E, 25687A, 25687L
 ID 12.00, OD 25.35, OD/housing 47.10,
 Total length 75.65, Splines A 12,
 No./teeth 9, Drive type Steel, Rotation CR



131588 Drive
 Replacing: 085540081010
 Servicing: 063221830010, 063221832010
 ID 11.68, OD 25.60, OD/housing 43.70,
 Total length 63.95, Splines A 6,
 No./teeth 9, Rotation CR
 Drive: HC-CARGO 132119.



131705 Drive
 Replacing: TNB145, 54249035, 54247179
 Servicing: 2M100, 25653, 25653A, 25653E,
 25654, 25654A, 25654H, 25667, 25667A,
 25667D, 25705, 25705A, 25705D, 25721,
 25721A
 ID 12.00, OD 32.10, OD/housing 47.10,
 Total length 75.50, Splines A 12,
 No./teeth 10, Rotation CR



131707 Drive
 Replacing: TNB149, TNB147, TNB142,
 54279043, 54262658, 54249043, 54249041,
 54249032, 54246252
 Servicing: 2M100, 3M100, 25629A, 25629E,
 25634A, 25634E, 25642, 25642A, 25642F,
 25647, 25647A, 25647L, 25650A, 25650E,
 25651
 ID 12.08, OD 29.00, OD/housing 46.30,
 Total length 75.00, Splines A 12,
 No./teeth 9, Rotation CR


131708 Drive

Replacing: TMB124, 60600077, 54247396, 054247396010

Servicing: M45G, 2M113, 063227413010, 063227421010, 26278, 26278H, 26301, 26301H, 27413A, 27413D, 27421A, 27421B, 27463, 27463A

ID 17.00, OD 39.23, OD/housing 60.20, Total length 73.20, Splines A 12, No./teeth 11, Rotation CR


131709 Drive

Replacing: TMB111, 60600211, 54246733, 54245900, 54240593

Servicing: M50, 26246A, 26246L, 26273A, 26273B, 26273D, 26274A, 26274B, 26274D, 26294A, 26294B, 26295, 26295A, 26295B, 26304A

ID 17.00, OD 38.95, OD/housing 60.00, Total length 73.35, Splines A 3, No./teeth 10, Rotation CR


131715 Drive

Replacing: 085540601010

Servicing: 063220536010, 063220537010, 063220538010

ID 11.64, OD 25.60, OD/housing 43.80, Total length 68.56, Splines A 6, No./teeth 9, Rotation CR


131716 Drive

Replacing: 085540611010, 085540491010

Servicing: 063220931010, 063221338010, 063221430010, 063221431010, 063221538010, 063221637010

ID 11.55, OD 29.30, OD/housing 46.40, Total length 71.00, Splines A 6, No./teeth 11, Rotation CR


131723 Drive

Replacing: TNB133, 54240984

Servicing: M418G, 25604, 25604A, 25604D, 25616, 25616A, 25616J, 25660, 25660A, 25660B

ID 12.00, OD 32.00, OD/housing 47.60, Total length 75.35, Splines A 3, No./teeth 10, Rotation CR


131728 Drive

Replacing: TNB169, TMB121, 60600038, 54268142, 54247389, 085541541010, 085541496010

Servicing: M45G, 063227419010, 063227533010, 063227601010, 26233K, 26233L, 26233M, 26286, 26286F, 26286H, 26286J, 26320D, 26320J

ID 17.05, OD 39.85, OD/housing 59.95, Total length 100.20, Splines A 12, No./teeth 10, Rotation CR


131729 Drive

Replacing: TMB125, 60600078, 54247397, 085541538010

Servicing: M45G, 063227416010, 063227491010, 26275F, 26275J, 26275K, 26280F, 26280H, 26280J, 26306E, 26306F, 26306H, 27412, 27412A

ID 17.05, OD 45.95, OD/housing 59.95, Total length 73.35, Splines A 12, No./teeth 13, Rotation CR


131732 Drive

Replacing: TMB108, 54246729, 54242044

Servicing: M45G, 26278, 26278A, 26278F, 26301A, 26301E

ID 17.00, OD 39.25, OD/housing 60.15, Total length 73.00, Splines A 3, No./teeth 11, Rotation CR


131733 Drive

Replacing: TMB129, 54248156

Servicing: M45G, 26371, 26371A, 26371D, 26371E, 26371F, 26400, 26400A, 26400B, 26400D, 27431, 27431A, 27431B, 27438A, 27451B

ID 17.00, OD 36.80, OD/housing 60.20, Total length 73.36, Splines A 12, No./teeth 10, Rotation CR


131734 Drive

Replacing: TMB132, 54248959

Servicing: M45G, 26346E, 26346K, 26381, 26381E, 26381F, 27428A, 27428D, 27428F

ID 12.10, OD 25.50, OD/housing 60.90, Total length 82.50, Splines A 12, No./teeth 9, Rotation CR


131737 Drive

Replacing: TNB102, 54245266

Servicing: 3M127, 27301A, 27301H, 27304A, 27304J, 27309A, 27309E, 27310A, 27310F, 27311A, 27311E, 27313A, 27313B, 27315A, 27315B

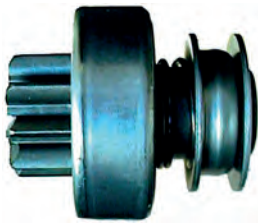
ID 17.10, OD 39.90, OD/housing 60.25, Total length 100.90, Splines A 12, No./teeth 10, Rotation CR



131738 Drive
 Replacing: TNB104, 54246796
 Servicing: 3M127, 27305A, 27305H
 ID 17.00, OD 40.64, OD/housing 68.34,
 Total length 100.95, Splines A 12,
 No./teeth 11, Rotation CR



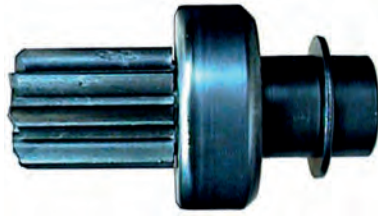
131783 Drive
 Replacing: TMJ101
 ID 12.55, OD 28.70, OD/housing 46.30,
 Total length 62.00, Splines A 10,
 No./teeth 9, Rotation CR



131985 Drive
 Replacing: TMJ123, TMJ117, TMJ115
 ID 14.00, OD 36.00, OD/housing 60.00,
 Total length 70.00, Splines A 12,
 No./teeth 9, Rotation CR



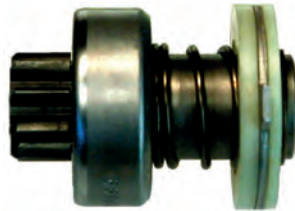
131986 Drive
 Replacing: TMJ121
 ID 12.40, OD 28.00, OD/housing 46.25,
 Total length 60.00, Splines A 10,
 No./teeth 8, Rotation CR



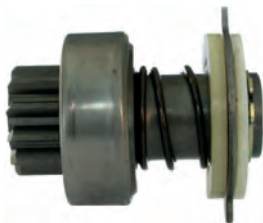
131988 Drive
 Replacing: TMJ140
 ID 12.50, OD 27.85, OD/housing 46.00,
 Total length 82.00, Splines A 10,
 No./teeth 8, Rotation ACR



132001 Drive
 Replacing: TMJ171
 ID 11.90, OD 29.19, Total length 87.00,
 No./teeth 9, Rotation CR



132187 Drive
 Replacing: 085540481010
 Servicing: 063223236010, 063223237010,
 063223330010, 063223332010
 ID 12.00, OD 25.00, OD/housing 46.25,
 Total length 65.50, Splines A 10,
 No./teeth 9, Rotation CR



132188 Drive
 Replacing: 085540521010
 Servicing: 063221433010, 063221434010,
 063221530010, 063221533010,
 063221539010, 063221632010,
 063221636010, 063221639010
 ID 11.60, OD 29.15, OD/housing 46.00,
 Total length 65.50, Splines A 10,
 No./teeth 11, Rotation CR



132285 Drive
 Replacing: TMB170, TMB148, 54290585,
 54268139, 54247393, 085541466010,
 085541462010, 054290585010
 Servicing: M127/2.8 KW, 063227528010,
 063227553010, 063227554010, 063227569010,
 26213, 26311, 26316, 26329, 26330, 26338, 26339
 ID 17.15, OD 39.00, OD/housing 60.00,
 Total length 70.40, Splines A 12,
 No./teeth 10, Drive type Steel, Rotation CR



132286 Drive
 Replacing: TMB150, 54267317, 26255652,
 054267317010
 Servicing: 2M113, 063227460010, 27425,
 27425B, 27460A, 27460B
 ID 14.30, OD 36.00, OD/housing 60.00,
 Total length 73.00, Splines A 12,
 No./teeth 9, Rotation CR



132288 Drive
 Replacing: TMB162, 54291147
 Servicing: 9M90, 25375, 25375A, 25375B,
 25377, 25377A, 25377B, 25387, 25387A,
 25387B, 25411, 25411A
 ID 12.00, OD 34.00, OD/housing 48.35,
 Total length 81.00, Splines A 12,
 No./teeth 11, Rotation ACR
 w/ lever.



132291 Drive
 Replacing: TNB151, 54263923, 54262100,
 54247959
 Servicing: 3M100, 25681, 25696, 25696A,
 25696L, 25697, 25697A, 25697L, 25724A, 25724E
 ID 12.00, OD 25.50, OD/housing 47.70,
 Total length 75.75, Splines A 12,
 No./teeth 9, Rotation CR



132311 Drive
 Replacing: TMJ105
 ID 12.55, OD 29.50, OD/housing 46.00,
 Total length 76.50, Splines A 10,
 No./teeth 9, Rotation CR



132453 Drive
 Replacing: TMJ120
 ID 14.00, OD 40.00, OD/housing 60.00,
 Total length 69.50, Splines A 12,
 No./teeth 11, Rotation CR



132586 Drive
 Replacing: TMB167, 54291911,
 085541544010, 085541488010, 054291911010
 Servicing: M78, 063226601010,
 063226609010, 063226626010,
 063226627010, 063226678010,
 063226679010, 063226680010, 063226681010
 ID 12.00, OD 26.70, OD/housing 46.25,
 Total length 48.20, Splines A 9,
 No./teeth 10, Rotation CR

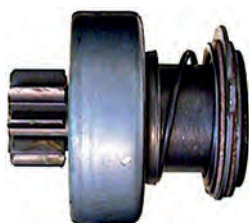


132587 Drive
 Replacing: TMB168, 54291912,
 054291912010
 Servicing: M78, 063226614010,
 063226619010, 063226622010,
 063227026010, 063227028010, 26602,
 26602D, 26602H, 26614B, 26614D, 26618
 ID 12.00, OD 25.50, OD/housing 43.50,
 Total length 48.00, Splines A 9,
 No./teeth 9, Rotation CR



132782 Drive
 Replacing: TNB159, 54267478, 54267004
 Servicing: 9M90, 25339, 25339A, 25339J,
 25339K, 25355, 25355A, 25355D, 25355F
 ID 12.00, OD 29.55, OD/housing 47.00,
 Total length 59.40, Splines A 12,
 No./teeth 11, Rotation CR

Best Choice



132818 Drive
 Replacing: 085540451010, 085540431010
 Servicing: 063222030010, 063222034010,
 063222038010, 063222130010,
 063222134010, 063222135010, 063222138010
 ID 11.60, OD 25.80, OD/housing 53.00,
 Total length 62.00, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 132818Z



132818Z Drive
 Replacing: 085540451010, 085540431010
 ID 12.00, OD 25.40, OD/housing 54.30,
 Total length 62.00, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 132818



132819 Drive
 Replacing: 085540141010
 Servicing: 063222031010, 063222039010,
 063222136010
 ID 12.00, OD 34.75, OD/housing 53.00,
 Total length 62.00, Splines A 10,
 No./teeth 9, Rotation CR



132820 Drive
 Replacing: 085540441010
 Servicing: 063221831010, 063222036010,
 063222131010, 063222133010, 063222206010
 ID 12.00, OD 27.50, OD/housing 53.25,
 Total length 61.90, Splines A 10,
 No./teeth 10, Rotation CR



132821 Drive
 Replacing: 085540191010, 085540151010
 Servicing: 063216731010, 063216741010,
 063216818010, 063216831010, 063216852010,
 063216896010, 063217126010, 063217148010
 ID 14.30, OD 34.30, OD/housing 60.00,
 Total length 77.50, Splines A 6,
 No./teeth 9, Rotation CR



132852 Drive
 Replacing: TNB167, 54268140,
 085541459010, 054268140010
 Servicing: 3M127, 063227501010,
 063227567010, 27501A, 27501B, 27501E,
 27531A, 27531B, 27531D, 27577
 ID 17.00, OD 45.75, OD/housing 60.00,
 Total length 71.00, Splines A 12,
 No./teeth 13, Rotation CR



132965 Drive
 Replacing: TMB107, 54258309, 54246728
 Servicing: M45G, 26125F, 26215A, 26215F
 ID 17.00, OD 39.25, OD/housing 60.00,
 Total length 70.75, Splines A 3,
 No./teeth 11, Rotation CR



133295 Drive
 Replacing: TNB176, 54295252, 54292179, 054295252010
 Servicing: M79, 063226607010, 063226692010, 063226696010, 063227037010, 063227044010, 063227045010, 26607E, 26607J
 ID 12.00, OD 26.70, OD/housing 46.00, Total length 61.75, Splines A 9, No./teeth 10, Rotation ACR



133296 Drive
 Replacing: TMB177, TMB174, 54295255, 54292929, 54291543
 Servicing: M79, 26702, 26702E, 26702K, 26717, 26717A, 26722, 26811A, 26812, 26812A, 26812D, 26835, 26847
 ID 12.00, OD 26.65, OD/housing 46.00, Total length 56.55, Splines A 9, No./teeth 10, Rotation ACR



133297 Drive
 Replacing: TMB171, 54290840, 054290840010
 Servicing: M78, 063226707010, 063226721010, 063226804010, 063226823010, 063226824010, 063226836010, 063226837010, 063226842010
 ID 12.00, OD 26.65, OD/housing 46.00, Total length 44.00, Splines A 9, No./teeth 10, Rotation CR



133298 Drive
 Replacing: TMB179, 54292698, 054292698010
 Servicing: M79, 063227011010, 063227012010, 26648, 26648A, 26648B, 26655, 26655A, 26657A, 26657E, 26686
 ID 12.00, OD 29.50, OD/housing 45.00, Total length 60.80, Splines A 3, No./teeth 9, Rotation CR



133591 Drive
 Replacing: TMB182, 54291735, 085541389010, 054291735010
 Servicing: M79, 063226921010, 063226935010, 063226936010, 063226939010, 063226942010, 063226949010, 26913, 26913A, 26929, 26929A
 ID 12.00, OD 26.75, OD/housing 46.00, Total length 50.60, Splines A 9, No./teeth 10, Rotation CR



133682 Drive
 Replacing: TNB172, 54295140, 54268656, 54268565, 054295140010, 054268565010
 Servicing: M127, 063227512010, 063227587010, 26342, 27512A, 27512D
 ID 17.00, OD 40.50, OD/housing 60.00, Total length 100.25, Splines A 12, No./teeth 11, Rotation CR



133683 Drive
 Replacing: TNB173, 54290474, 085541470010
 Servicing: M127, 063227564010, 27564A, 27564F, 27576, 27595
 ID 14.20, OD 31.90, OD/housing 60.00, Total length 100.35, Splines A 12, No./teeth 10, Rotation CR



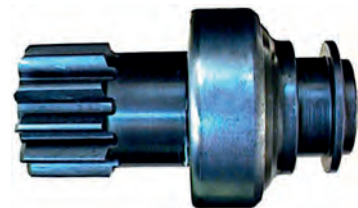
133985 Drive
 Replacing: 072139003010
 Servicing: 063217121010
 ID 14.30, OD 34.00, OD/housing 60.25, Total length 77.25, Splines A 12, No./teeth 9, Rotation CR w/ lever.



134065 Drive
 Replacing: TNB153, 54265568, 54265549, 54247295, 54246123, 54245568
 Servicing: M35J, 25204, 25205, 25206, 25208, 25210, 25249, 25250, 25255, 25270, 25271, 25272, 25276, 25288, 25289, 25368, 25400
 ID 12.00, OD 26.80, OD/housing 47.00, Total length 68.35, Splines A 12, No./teeth 10, Rotation CR
 Drive w/ lever: HC-CARGO 130747.



134364 Drive
 Replacing: 085541040010, 085540321010
 Servicing: 063223430010, 063223431010, 063223432010, 063223436010, 063223530010, 063223531010, 063223532010, 063223533010
 ID 12.00, OD 29.00, OD/housing 46.25, Total length 52.35, Splines A 10, No./teeth 11, Rotation CR



134427 Drive
 Replacing: TMB118, 60600051, 54246741
 Servicing: M50, 26284, 26284A, 26284E, 26342, 26342A, 26342B, 26342D, 26342K, 26342L
 ID 17.00, OD 40.50, OD/housing 60.00, Total length 100.50, Splines A 12, No./teeth 11, Rotation CR



135100 Drive
 Replacing: TMB189, 54295254, 54292576, 54242576
 Servicing: M79, 26633, 26659, 26660, 26662, 26663, 26690, 26693, 26694, 27034
 ID 12.00, OD 25.55, OD/housing 43.50, Total length 72.00, Splines A 9, No./teeth 9, Rotation ACR


135117 Drive

Replacing: 085540681010
 Servicing: 063222035010, 063222204010
 ID 12.00, OD 29.00, OD/housing 54.25,
 Total length 62.00, Splines A 10,
 No./teeth 9, Rotation CR


135180 Drive

Replacing: TMB180, 54292742
 Servicing: M79, 26649, 26649A, 26649B,
 26656, 26656A, 26656E, 26657, 27048
 ID 12.00, OD 26.60, OD/housing 43.50,
 Total length 61.00, Splines A 9,
 No./teeth 10, Rotation CR


135355 Drive

Replacing: 54242330, 54240295, 54240294
 Servicing: M35G, 25079A, 25079J, 25083H,
 25085A, 25085B, 25088A, 25088J, 25105A,
 25105B, 25116A, 25116D, 25118A, 25118J,
 25138A
 ID 16.00, OD 29.50, Total length 58.10,
 Splines A 4, No./teeth 10


135711 Drive

Replacing: TMB196, 54292464,
 085541503010
 Servicing: M79, 063226667010,
 063227043010, 27022, 27047
 ID 12.00, OD 28.00, OD/housing 46.25,
 Total length 48.15, Splines A 9,
 No./teeth 8, Rotation CR


135717 Drive

Replacing: 085541780010, 085540971010
 Servicing: 063101000010, 063101002010,
 063101008010, 063102003010, 063102004010,
 063102007010, 063102008010, 063103002010
 ID 11.60, OD 25.80, OD/housing 46.00,
 Total length 64.00, Splines A 6,
 No./teeth 9, Rotation CR


135721 Clutch

Replacing: 000028502010
 Servicing: 054022187010, 054022281010,
 054022584010, 063324334010
 OD/housing 57.00, Total length 114.40,
 Splines A 8, No./teeth 20, Rotation ACR


136261 Drive

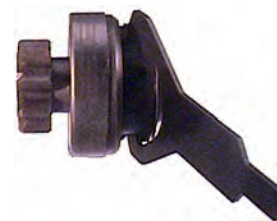
Replacing: TMB197, 54293451,
 054293451010
 Servicing: M78R, 063226834010,
 063226845010, 26813, 26841
 ID 12.00, OD 27.85, OD/housing 46.25,
 Total length 65.45, Splines A 9,
 No./teeth 8, Rotation CR


136338 Drive

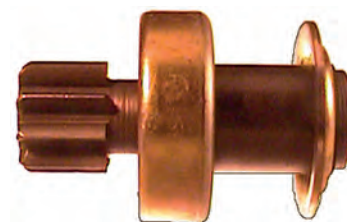
Replacing: TMB130, 54248606
 Servicing: M45G, 26372A, 26372B, 26385A,
 26385B, 26390A, 26390B, 26390E, 27430,
 27430A, 27430B
 ID 14.30, OD 35.00, OD/housing 60.00,
 Total length 73.20, Splines A 12,
 No./teeth 9, Rotation CR


136770 Drive

Replacing: TMB173, 54291022,
 085541381010
 Servicing: M78R, 063226801010, 26801B,
 26801F
 ID 12.00, OD 25.75, OD/housing 47.65,
 Total length 56.00, Splines A 9,
 No./teeth 9, Rotation CR


136962 Drive

Replacing: TNB194, TMB194, 54293287
 Servicing: M78, 26715, 26715B
 ID 12.00, OD 28.00, OD/housing 45.00,
 Total length 43.85, Splines A 9,
 No./teeth 8, Rotation CR


137326 Drive

Replacing: TNB134, 60600329, 54242521
 Servicing: M45G, 26266, 26266A, 26266F,
 26267, 26267A, 26267F
 ID 12.00, OD 25.65, OD/housing 47.60,
 Total length 75.35, Splines A 3,
 No./teeth 9, Rotation CR


138167 Drive

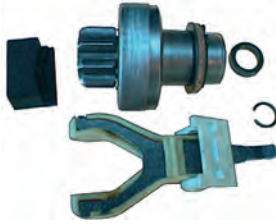
Replacing: 085541030010
 Servicing: 063111000010, 063223435010,
 063223639010
 ID 12.00, OD 28.70, OD/housing 47.00,
 Total length 52.55, Splines A 10,
 No./teeth 9, Rotation CR
 Drive only: HC-CARGO 136257.



138299 Drive

Replacing: TMB183, 54290638, 054290638010
 Servicing: M80, 063226904010, 063226927010, 063226932010, 26808A, 26914A, 26914F, 26920A, 26920E, 26922B, 26927A, 26928A, 26932A

ID 12.10, OD 39.50, OD/housing 47.75, Total length 50.50, Splines A 9, No./teeth 10, Rotation CR



138533 Drive

Replacing: 085541080010
 Servicing: 063223039010, 063293039010
 ID 11.60, OD 24.90, OD/housing 44.00, Total length 60.85, Splines A 12, No./teeth 9, Rotation CR
 Alternative no.: 333856



138546 Drive

Replacing: 54293455
 Servicing: 26814
 ID 12.00, OD 28.00, OD/housing 47.60, Total length 50.95, Splines A 9, No./teeth 8, Rotation CR
 w/ lever.



139635 Drive

Replacing: TMB184, 54291763, 054291763010
 Servicing: M79, 063226631010, 26631A, 26631D
 ID 11.40, OD 29.00, OD/housing 44.00, Total length 48.85, Splines A 3, No./teeth 9, Rotation ACR



139655 Drive

Replacing: 085541870010
 Servicing: 063103007010, 063103008010, 063103015010, 063103022010, 063103023010, 063103024010, 063103031010

ID 11.45, OD 23.50, OD/housing 44.00, Total length 64.00, Splines A 12, No./teeth 8, Rotation CR
 Drive w/ lever: HC-CARGO 230804.



139710 Drive

Replacing: 54294813, 054294817010
 Servicing: 063293538010
 ID 12.00, OD 54.00, OD/housing 48.20, Total length 51.35, Splines A 10, No./teeth 23, Rotation CR
 Alternative no.: 139710Z



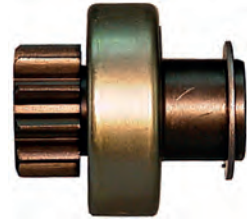
139710Z Drive

Replacing: 54294813, 054294817010
 ID 12.00, OD 54.00, OD/housing 48.20, Total length 51.35, Splines A 10, No./teeth 23, Rotation CR
 Alternative no.: 139710



139900 Drive

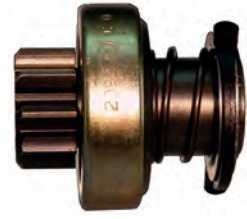
Replacing: 085541050010
 Servicing: 063223433010
 ID 12.00, OD 27.50, OD/housing 47.60, Total length 53.15, Splines A 10, No./teeth 10, Rotation CR



139901 Drive

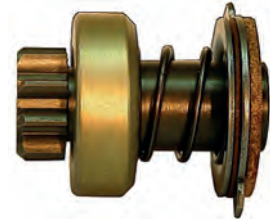
Replacing: 085541680010, 085541250010
 Servicing: 063111008010, 063111009010, 063111027010, 063111037010, 063112003010, 063113003010, 063113004010

ID 12.00, OD 29.75, OD/housing 47.55, Total length 50.20, Splines A 10, No./teeth 11, Rotation CR



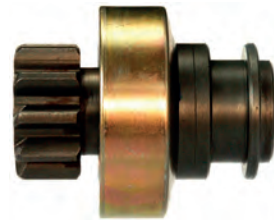
139902 Drive

Replacing: 085541700010
 Servicing: 063114014010
 ID 12.00, OD 34.25, OD/housing 60.00, Total length 64.65, Splines A 10, No./teeth 9, Rotation CR



230025 Drive

Replacing: 085540401010
 Servicing: 063223239010
 ID 12.00, OD 29.50, OD/housing 47.60, Total length 64.90, Splines A 10, No./teeth 9, Rotation CR



230265 Drive

Manufacturer: Lucas
 Replacing: 26255474
 Servicing: 26925188D, 26925189D, 26925194D, 26925198D, 26925200A
 ID 14.35, OD 39.40, OD/housing 61.00, Total length 73.45, Splines A 12, No./teeth 10, Rotation CR


230269 Drive

Manufacturer: Lucas
 Replacing: 26255553
 Servicing: 26925193A
 ID 14.20, OD 39.30, OD/housing 61.00,
 Total length 73.50, Splines A 12,
 No./teeth 10, Rotation CR

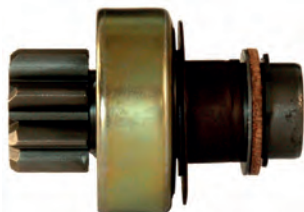

230757 Drive

Replacing: 085540381010
 Servicing: 063101003010, 063221834010,
 063221890010, 063221892010
 ID 11.60, OD 25.30, OD/housing 43.45,
 Total length 64.10, Splines A 12,
 No./teeth 9, Rotation CR
 Drive: HC-CARGO 132119.


230835 Drive

Replacing: 220409
 ID 12.00, OD 27.75, OD/housing 46.30,
 Total length 50.00, Splines A 10,
 No./teeth 10, Rotation CR

Alternative no.: 333189


231414 Drive

Replacing: 085541220010
 Servicing: 063102000010, 063192000010
 ID 11.65, OD 27.80, OD/housing 45.00,
 Total length 63.30, Splines A 12,
 No./teeth 8, Rotation CR


231478 Drive

Replacing: 085541390010
 Servicing: 063191007010
 ID 11.00, OD 25.40, OD/housing 45.25,
 Total length 57.50, Splines A 12,
 No./teeth 9, Rotation CR


232480 Drive

Replacing: TMB106, 54246727, 54242438
 Servicing: M45G, 26207, 26270, 26270A,
 26270J, 26300, 26300A, 26300E, 26300F,
 26300J, 27410A, 27418A
 ID 17.00, OD 39.20, OD/housing 60.45,
 Total length 73.70, Splines A 3,
 No./teeth 11, Rotation ACR


233331 Drive

Replacing: 054294771010
 Servicing: 063191001010
 ID 12.00, OD 27.95, OD/housing 48.00,
 Total length 65.75, Splines A 10,
 No./teeth 8, Rotation CR


233533 Drive

Replacing: TMB133, 60600380, 54260599,
 54247508
 Servicing: M45G, 26268J, 26268L, 26269H,
 26269L, 26383A, 26383D, 26396A, 26396B,
 27405A, 27405B, 27406A, 27447A
 ID 12.00, OD 24.75, OD/housing 60.00,
 Total length 79.00, Splines A 12,
 No./teeth 9, Rotation CR


233946 Drive

Replacing: 085541810010
 Servicing: 063111017010, 063111036010
 ID 12.00, OD 25.40, OD/housing 47.00,
 Total length 48.45, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333881


234219 Drive

Replacing: TMB175, 54291195
 Servicing: M80R, 26908A, 26908B
 ID 12.00, OD 25.25, OD/housing 49.00,
 Total length 50.00, Splines A 3,
 No./teeth 9, Rotation CR


234515 Drive

Replacing: 54294074, 054294074010
 Servicing: 063226688010, 063227041010
 ID 11.70, OD 26.90, OD/housing 45.30,
 Total length 48.10, Splines A 3,
 No./teeth 10, Rotation ACR


234921 Drive

Replacing: 072397101010
 Servicing: 063216703010, 063216726010,
 063216808010, 063216826010,
 063216873010, 063217104010, 063217105010
 ID 14.20, OD 34.50, OD/housing 60.20,
 Total length 77.15, Splines A 6,
 No./teeth 9
 w/ lever. Drive only: HC-CARGO 131109.



235257 Drive
 Replacing: 54294957, 054294957010
 Servicing: M80R, 063226945010, 26943, 26946
 ID 12.00, OD 28.00, OD/housing 48.65,
 Total length 50.50, Splines A 3,
 No./teeth 10, Rotation CR



235427 Drive
 Replacing: 54295253
 Servicing: 26688, 27041
 OD 43.00, OD/housing 27.00,
 Total length 48.00, Splines A 9,
 No./teeth 10, Rotation ACR



235428 Drive
 Replacing: 085541370010
 Servicing: 063226849010, 063226950010
 ID 12.10, OD 36.00, OD/housing 86.00,
 Total length 52.00, Splines A 9,
 No./teeth 11, Rotation ACR



239080 Drive
 Replacing: 085553621010
 Servicing: 063280091010, 063280110010
 ID 11.00, OD 30.00, OD/housing 44.82,
 Total length 43.23, Splines A 10,
 No./teeth 11, Rotation CR



333856 Drive
 Replacing: 085541080010
 ID 11.60, OD 24.90, OD/housing 46.00,
 Total length 60.85, Splines A 6,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 138533



333881 Drive
 Replacing: 085541810010
 ID 12.00, OD 25.40, OD/housing 47.00,
 Total length 48.45, No./teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 233946

Drive Parts

Caps

Pkg. 25



134208 Dp Cap
 ID 59.50, OD 60.95

Pkg. 10



136968 Dp Cap
 ID 43.00, OD 44.55

Rollers

Pkg. 100

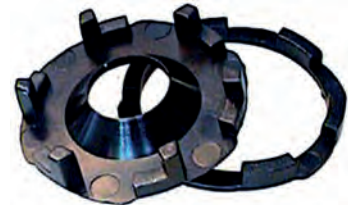


137403 Dp Rollers
 OD 7.90, Length 15.95

Spring/Roller Retainers



134819 Spring/roller retainer
 Servicing: 54291911, TMB167



134820 Spring/roller retainer
 Servicing: 54291543, 54292929, TMB174,
 TMB177



135191 Spring/roller retainer

Pinion



131724 Pinion
 Replacing: TLB106, 54251756
 Servicing: M45G, 26125, 26126, 26156,
 26163, 26163A, 26163F, 26165, 26373, 26373A
 ID 21.70, OD 46.00, Height 25.00,
 No./splines 4, No./teeth 13


131725 Pinion

Replacing: TLB100, 54256687, 54256098, 292031

Servicing: M45G, 26147, 26147A, 26147H, 26147J, 26147M, 26148A, 26148F, 26148H, 26148N, 26151H, 26151N, 26153, 26153A, 26153H

ID 20.25, OD 39.50, Height 25.55, No./splines 4, No./teeth 10


131726 Pinion

Replacing: TLB193, TLB101, 54256689, 54255513, 292134, 291859

Servicing: M45G, 26133, 26167, 26169, 26176, 26177, 26185, 26206

ID 20.00, OD 39.40, Height 25.65, No./splines 4, No./teeth 11


139953 Pinion

Replacing: SDR6014, LTH208

ID 13.25, OD 32.55, Height 18.25, No./splines 19, No./teeth 10

Planet Gears

135712 Planet Gear

Replacing: 54294189

Shaft dia./middle 11.90, Total length 127.25, No./splines 10

Gear Parts
Outer Gear

133618 Outer Gear

Replacing: 54293830

Servicing: M78R, 26803, 26911, 26912, 26913, 26914, 26917, 26918, 26921, 26929, 26935, 26936, 26938, 26941, 26942, 26943, 26945

ID 51.85, OD 61.70, Height 27.70, No./teeth 40


135121 Outer Gear

Replacing: 54293575, 54293375

Servicing: M78R, 26715, 26804, 26813, 26814, 26834, 26841, 26845

ID 48.00, OD 61.00, Height 27.60, No./teeth 39

Pkg. 5


232604 Outer Gear

Replacing: 54294580

ID 47.25, OD 61.20, Height 25.25, No./teeth 37

Gear Wheels

138565 Gear

Replacing: SDR6013, LTH210

ID 14.30, OD 45.20, Height 16.60, No./splines 22, No./teeth 32,

Levers

133463 Lever

Replacing: SSP0030, LTH102

Dist. 22.60, Length 81.05


133894 Lever

Servicing: 26211, 26227, 26265, 26291, 26311, 26316, 26329, 26338, 26339, 26341, 26360, 26379, 26395, 26431

Dist. 31.40, ID 8.00, Length 111.00


134444 Lever

Replacing: 60600315, 54267369

Servicing: M127, 26213, 26330, 27500, 27501, 27502, 27506, 27508, 27510, 27512, 27515, 27518, 27533, 27539, 27541, 27553, 27564

Dist. 31.25, ID 7.70, Length 110.45

Pkg. 5


134445 Lever

Replacing: 54267384

Servicing: M50, 26025007A, 26256, 26259, 26271, 26273, 26274, 26294, 26312, 26321, 26323, 26336, 26342, 26345, 26355, 26356, 26357

Dist. 31.35, ID 7.80, Length 110.00



135573 Lever
 Replacing: SSP0031, LTH203
 Dist. 54.55, ID 5.00, Length 114.00



136592 Lever
 Replacing: 60600862, 54268543
 Servicing: M127, 27511, 27528, 27554, 27554A
 Dist. 31.15, ID 8.00, Length 110.15



138353 Lever
 Replacing: 54267376
 Servicing: M45G, 2M113, 26148, 26186, 26196, 26233, 26264, 26278, 26281, 26283, 26284, 26284E, 26286, 26295, 26349, 26358, 26374
 Dist. 31.25, ID 7.85, Length 106.00



138354 Lever
 Replacing: 54267380
 Servicing: M45G, 2M113, 27430
 Dist. 30.80, ID 8.00, Length 111.45

Lever Parts

Various

Pkg. 5



133893 Pivot Pin
 Servicing: M50, 26145, 26154, 26167, 26173, 26200, 26211, 26220, 26227, 26264, 26265, 26267, 26271, 26278, 26281, 26284, 26284E
 Total length 51.30



134446 Pivot Pin
 Replacing: SSP0013, 61194012, 60600315, 54290573
 Servicing: M127, 26025007A, 26148, 26186, 26196, 26213, 26233, 26264, 26273, 26274, 26283, 26286, 26294, 26295, 26311, 26312
 Total length 39.65, Thread size M14/7.90

Pkg. 5



138888# Lever Support
 Servicing: M78, M80, 26009, 26715, 26717, 26722, 26801, 26804, 26805, 26806, 26807, 26809, 26810, 26812, 26813, 26815, 26816
 Length 32.70



231192 Spring Kit
 Replacing: SSP0032, LTH204



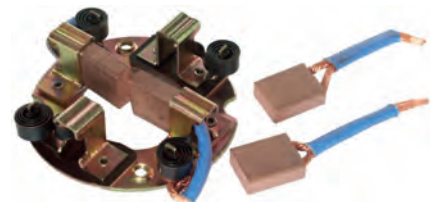
235192 Insulator
 Servicing: M79, 26587, 26600, 26601, 26602, 26605, 26614, 26616, 26618, 26619, 26622, 26626, 26628, 26648, 26655, 26660, 26667
 Material Rubber

Clutches

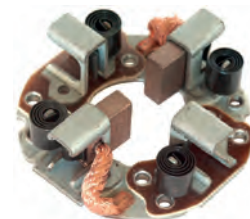


231269 Clutch
 Replacing: SDR6012, LTH209
 Total length 117.00/131.00,
 No./splines 19

Brush Gears



131169 Brush Gear
 Replacing: TAB104, SSP0004, 54245374, 054245374010
 Servicing: M50, 063227501010, 063227502010, 063227510010, 063227512010, 063227518010, 063227533010, 063227541010, 063227547010
 12 V, OD 88.70



132475 Brush Gear
 Replacing: SSP6001, LTH213
 12 V, OD 70.35
 Brush set: HC-CARGO 140387.



134041 Brush Gear
 Replacing: 072164701010
 Servicing: 063216817010, 063216818010,
 063216831010, 063216852010, 063216861010,
 063216884010, 063216896010, 063217226010
 OD 93.85
 Brush set: HC-CARGO MASX15-164. Spring:
 HC-CARGO 234678.



134291 Brush Gear
 Manufacturer: Magneti Marelli
 Replacing: 074891101010
 Servicing: 063221433010, 063221434010,
 063221435010, 063221436010, 063221438010,
 063221530010, 063221533010, 063221536010
 OD 89.75
 Neg. brushes. Brush set: HC-CARGO JSX21-224.



134452 Brush Gear
 Replacing: SSP0003, 54244775
 Servicing: M50, 26213, 26316, 26329, 26330,
 26338, 26338A, 26338B, 26338D, 26338F,
 26339, 26339A, 26339B, 26339D, 26339H, 26395
 OD 81.55
 Brush set: HC-CARGO LASX314. Brush spring:
 HC-CARGO 132209.



134476 Brush Gear
 Servicing: M35J, 5M90, 8M90, 9M90, 25016,
 25024, 25041, 25061, 25062, 25063, 25065,
 25075, 25087, 25088, 25089, 25097, 25138
 OD 52.00
 Brush set: HC-CARGO LASX37-38-39. Brush
 spring: HC-CARGO 134040.

Pkg. 5



134852 Brush Gear
 Replacing: 54293879, 54293878, 54293877,
 54293699, 54291804, 054293879010,
 054293878010, 054293877010
 Servicing: M79, 063226601010,
 063226604010, 063226606010,
 063226607010, 063226609010,
 063226614010, 063226619010,
 063226622010
 OD 67.80
 Brush set: HC-CARGO 140896, 140897,
 140898. Brush spring: HC-CARGO 135119.



134853 Brush Gear
 Replacing: 54292603, 54291125, 54290790,
 54290789, 054292603010, 054291125010
 Servicing: M78R, 063226800010,
 063226801010, 063226803010,
 063226804010, 063226814010,
 063226820010, 063226823010,
 063226824010
 OD 68.25
 Brush set: HC-CARGO 140511. Brush spring:
 HC-CARGO 135119.



134854 Brush Gear
 Replacing: 54290689, 054290689010
 Servicing: M80R, 063226908010,
 063226912010, 063226921010,
 063226923010, 063226935010,
 063226936010, 063226937010, 063226939010
 OD 68.30
 Brush set: HC-CARGO 140509. Brush spring:
 HC-CARGO 135119.



135242 Brush Gear
 Manufacturer: Magneti Marelli
 Replacing: 072164102010
 Servicing: 063217226010
 24 V, OD 92.30
 Neg. brushes. Brush set: HC-CARGO MASX27-
 284.



135467 Brush Gear
 Replacing: SSP6000
 12 V, OD 74.00
 Neg. brushes. Brush set: HC-CARGO 140349.



135565 Brush Gear
 Replacing: 54294444, 54294440,
 083227260010, 083227131010, 083220461010
 Servicing: 063111000010, 063111005010,
 063111007010, 063111008010,
 063111009010, 063111016010,
 063111017010, 063111023010
 OD 61.25
 Brush set: HC-CARGO JSX33-344. Spring: HC-
 CARGO 138639.



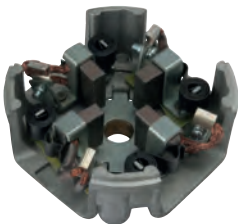
135604 Brush Gear
 Replacing: 072164101010
 Servicing: 063217126010, 063217148010,
 063217154010, 063217156010,
 063217158010, 063217163010,
 063217180010, 063217186010
 12 V, OD 90.00
 Neg. brushes. Brush set: HC-CARGO MASX25-
 264.



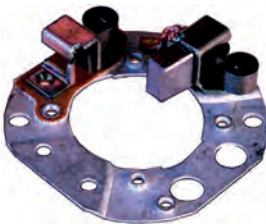
135822 Brush Gear
 Replacing: TAB102, SSP005, 54266043, 054266043010
 Servicing: 2M113, 3M113, 063227408010, 063227409010, 063227412010, 063227415010, 063227416010, 063227417010, 063227419010
 OD 88.70
 Neg. brushes. Brush set: HC-CARGO LASX15-164.



136204 Brush Gear
 Replacing: 083224461010
 Servicing: 063102003010, 063102004010, 063102007010, 063102008010, 063222900010, 063222901010, 063223085010, 063223101010
 OD 67.00
 Neg. brushes. Brush set: HC-CARGO JSX35-374.



136734 Brush Gear
 Replacing: 072362601010
 Servicing: 063216702010, 063216703010, 063216704010, 063216706010, 063216707010, 063216710010, 063216726010, 063216727010
 24 V



138534 Brush Gear
 Replacing: 083225326010
 Servicing: 063101000010, 063101002010, 063101008010, 063222889010, 063222897010, 063222905010, 063222908010, 063222909010
 12 V, OD 67.20
 Neg. brushes. Brush set: HC-CARGO JSX38-412.



138537 Brush Gear
 Replacing: 085540341010
 Servicing: 063221831010, 063222031010, 063222034010, 063222036010, 063222038010, 063222039010, 063222130010, 063222131010
 12 V, OD 74.00
 2.2 kW. Neg. brushes. Brush set: HC-CARGO JSX31-32.



138538 Brush Gear
 Replacing: 085540351010
 Servicing: 063101003010, 063221830010, 063221832010, 063221834010, 063221890010, 063221892010, 063222030010
 12 V, OD 73.65
 Neg. brushes. Brush set: HC-CARGO JSX21-22.

Brush Gear Parts

Brush Holders

Pkg. 10



134798 Brush Gear
 Replacing: 074894441010
 Servicing: 063114008010

Brush Springs

Pkg. 10



132209 Brush Spring
 Replacing: TAB100, 61194022, 54259524, 54258814
 Servicing: M45G, M50, M127, 26025007A, 26125, 26126, 26132A, 26132F, 26132H, 26132J, 26132R, 26133, 26133A, 26133J, 26133K, 26133R
 Length 28.70



134040 Brush Spring Set
 Servicing: 8M90, 9M90, M35J, 25350A
 OD 8.60, Length 41.70

Pkg. 500



134270 Dp Springs
 Length 25.30

Pkg. 100



137402 Dp Springs
 Length 22.60

Pkg. 100



137404 Dp Springs
 Length 27.20

Pkg. 10



233867 Brush Spring Set
 Replacing: SSP0037, LTH112
 OD 12.00, Length 21.00



233868 Brush Spring Set
 Replacing: SSP0038, LTH217
 OD 11.50, Length 22.70

Various

Pkg. 2



134956 Insulator
 Servicing: M79, 26587, 26600, 26601, 26602, 26605, 26614, 26616, 26618, 26619, 26622, 26624, 26626, 26628, 26628A, 26648, 26649
 ID 31.00, OD 73.00, Colour White, Material Polypropylene

Pkg. 10



134957 Clip
 Servicing: M78, M79, M80, 26812, 26835, 26847

Pkg. 10



135066 Gasket
 Servicing: M35J
 ID 23.00, OD 51.75, Thickness 0.40



135120 Insulator
 Servicing: M79, ACR, 26604, 26606, 26607, 26631, 26633, 26646, 26647, 26659, 26660, 26690, 26692, 26693, 26694, 26696, 27029



135497 Insulation Kit
 Servicing: M50
 Pkg. 10

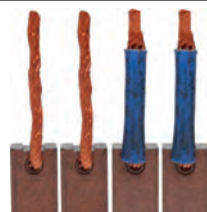


137825# Brush Clip
 Servicing: M79, 26812, 26835, 26847
 ID 6.00, Length 14.35, Thickness 1.55, Width 9.35

Brush Sets



140334 Brush Set
 Replacing: TAJ100
 12 V, Length 18.00, Lead length 33.00, Height 11.00, Thickness 7.00



140336 Brush Set
 Replacing: TAJ101
 12 V, Length 16.00, Lead length 36.50, Height 11.00, Thickness 7.00



140337 Brush Set
 Replacing: TAJ114
 12 V, Length 19.50, Lead length 51.00, Height 20.00, Thickness 9.00



140338 Brush Set
 Replacing: TAJ106
 12 V, Length 16.00, Lead length 43.50, Lead length 2 33.50, Height 14.00, Thickness 7.00



140339 Brush Set
 Replacing: TAJ111, TAJ103
 12 V, Length 22.00, Lead length 43.50, Height 15.00, Thickness 8.00



140340 Brush Set
 Replacing: TAJ102
 12 V, Length 14.00, Lead length 33.60, Height 16.00, Thickness 6.00



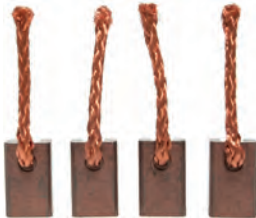
140341 Brush Set
 Replacing: TAJ105
 12 V, Length 16.00, Lead length 32.00, Height 16.00, Thickness 7.00



140347 Brush Set
 Replacing: TAJ203
 12 V, Length 17.00, Lead length 38.00,
 Height 12.00, Thickness 6.80



140349 Brush Set
 Replacing: TAJ209
 12 V, Length 17.00, Lead length 37.00,
 Height 10.00, Thickness 7.00



140357 Brush Set
 Replacing: TAJ400
 12 V, Length 19.00, Lead length 40.50,
 Height 11.90, Thickness 7.00

Pkg. 5



140358 Brush Set
 Replacing: TAJ406
 12 V, Length 22.00, Lead length 50.00,
 Height 20.00, Thickness 8.00



140360 Brush Set
 Replacing: TAJ401
 12 V, Length 16.00, Lead length 38.50,
 Height 12.00, Thickness 7.00



140361 Brush Set
 Replacing: TAJ407
 12 V, Length 21.00, Lead length 40.80,
 Height 25.00, Thickness 8.00
 Brush set w/ plate: HC-CARGO 141223.



140362 Brush Set
 Replacing: TAJ410, TAJ403
 12 V, Length 14.00, Lead length 34.00,
 Height 16.00, Thickness 7.00



140363 Brush Set
 Replacing: TAJ409
 12 V, Length 16.00, Lead length 27.00,
 Height 10.00, Thickness 6.50



140391 Brush Set
 Replacing: TAJ200
 12 V, Length 14.00, Lead length 37.50,
 Height 17.00, Thickness 6.80



140396 Brush Set
 Replacing: TAJ405
 12 V, Length 13.50, Lead length 23.00,
 Height 16.00, Thickness 7.00



140480 Brush Set
 Replacing: 60600953
 Servicing: M79, 26604, 26607, 26647,
 26660, 26690, 26692, 26693, 26694, 26696,
 27029, 27034, 27045
 12 V, Length 12.00, Lead length 32.00,
 Lead length 2 64.00/97.00, Height 13.70,
 Thickness 7.00
 w/ brush bar: HC-CARGO 140897.



140481 Brush Set
 Replacing: 60600961, 60600911
 Servicing: M79, 26009, 26587, 26600, 26601,
 26602, 26605, 26614, 26616, 26618, 26619,
 26622, 26624, 26626, 26648, 26649, 26655
 12 V, Length 12.00, Lead length 75.00,
 Height 13.70, Thickness 7.00
 w/ brush bar: HC-CARGO 140898, 140896.



140510 Brush Set
 Replacing: TAB133, 60600936
 Servicing: M78R, 26701A, 26701J, 26707A,
 26707L, 26713A, 26713D, 26715, 26715B, 26716B
 12 V, Length 9.40, Lead length 49.50,
 Lead length 2 29.00, Height 13.80,
 Thickness 6.80



140511 Brush Set
 Replacing: TAB134, 60600946
 Servicing: M78R, 26009, 26800D, 26800H,
 26801, 26801B, 26801F, 26802B, 26803A, 26803D,
 26804, 26804A, 26804E, 26805, 26806, 26807
 12 V, Length 9.40, Lead length 50.00,
 Lead length 2 27.50, Height 13.80,
 Thickness 6.80


140512 Brush Set

Replacing: TAB135, 60600944

 Servicing: M78R, 26702, 26702E, 26702K, 26717, 26717A, 26722, 26812, 26835, 26847
 12 V, Length 9.40, Lead length 44.00, Lead length 2 30.00, Height 13.80, Thickness 6.80

140513 Brush Set

Replacing: TAB138, 60600919

 Servicing: M80R, ACR
 12 V, Length 9.40, Lead length 69.00, Lead length 2 24.00, Height 19.80, Thickness 6.80

140603 Brush Set

Replacing: TAB106, 60600688, 60600626

Servicing: M45G, 26145, 26148, 26154, 26167, 26173, 26186, 26196, 26200, 26219, 26220, 26233, 26264, 26271, 26278, 26283, 26286

12 V, Length 22.20, Lead length 90.00, Height 19.00, Thickness 7.90


140716 Brush Set

Replacing: TAB112, 60600317

Servicing: M127, 27301A, 27301H, 27301K, 27305A, 27305H, 27305K, 27307A, 27307E, 27307H, 27309A, 27309E, 27311A, 27311E, 27311H

24 V, Length 24.50, Lead length 72.50, Height 19.90, Thickness 8.95


140765 Brush Set

Replacing: TAB132, 60600920, 140765

Servicing: M80R, 26903, 26903B, 26903D, 26905A, 26905D, 26907B, 26908A, 26908B, 26909B, 26909D, 26910D, 26910F, 26911B, 26911D

 12 V, Length 9.40, Lead length 32.00, Height 19.80, Thickness 6.80
 w/ brush bar: HC-CARGO 140509.

140896 Brush Set

Replacing: TAB131

Servicing: M79, 26602, 26614, 26614B, 26614D, 26618, 26619, 26619A, 26619D, 26622, 26622A, 26622D, 26689, 27026, 27061

 12 V, Length 12.00, Lead length 55.00, Lead length 2 75.00/49.00/25.00, Height 13.70, Thickness 7.00
 w/o brush bar: HC-CARGO 140481.

140897 Brush Set

Replacing: TAB136

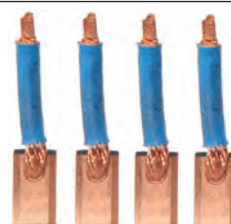
Servicing: M79, 26604E, 26604J, 26606E, 26606H, 26607, 26607E, 26607J, 26631A, 26631D, 26633A, 26633B, 26645E, 26646B, 26646D

12 V, Length 12.00, Lead length 97.50, Lead length 2 64.50, Height 13.00, Thickness 7.00


140898 Brush Set

Replacing: TAB137

Servicing: M79, 26587, 26600, 26600E, 26600F, 26601, 26601E, 26601F, 26602D, 26602H, 26605, 26605A, 26609F, 26609J, 26613E, 26613H

 12 V, Length 12.00, Lead length 49.00, Lead length 2 72.50, Height 13.70, Thickness 7.00
 w/ brush bar: HC-CARGO 140481.

141234 Brush Set

Servicing: 26925159A, 26925159B, 26925159E

12 V, Length 17.00, Lead length 36.00, Height 10.00, Thickness 7.40


142344 Brush Set

Replacing: TAB125, 271735

Servicing: M45G, M113L

12 V, Length 22.20, Lead length 91.00, Lead length 2 48.50, Height 19.00, Thickness 7.90

Alternative no.: LASX15-164


LASX15-164 Brush Set

Replacing: TAB125, 271735

Servicing: M45G, M113, 26072, 26132, 26133, 26173, 26256, 26259, 26281, 26321, 26346E, 27419, 27476

12 V, Length 22.20, Lead length 91.00, Lead length 2 48.50, Height 19.00, Thickness 7.90

Alternative no.: 142344



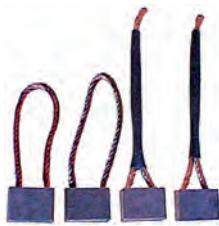
LASX15-274 Brush Set

Servicing: M45G, M113, 26125, 26126, 26156, 26163, 26165, 26267, 26286, 26373, 27413, 27415, 27432, 27463, 27464, 27479, 27487
 12 V, Length 22.20, Lead length 94.00, Lead length 2 62.00/52.00, Height 19.00, Thickness 7.90



LASX17-62/1 Brush Set

Servicing: M35G, 25038, 25038E, 25038H, 25059A, 25059F, 25079A, 25079J, 25083A, 25083H, 25085A, 25085B, 25088A, 25088J, 25105A
 12 V, Length 14.20, Lead length 109.00, Lead length 2 59.00/45.00, Height 15.90, Thickness 6.40



LASX2-34 Brush Set

Servicing: M418G, 25521F, 25533A, 25533E, 25555A, 25555F, 25578A, 25578B, 25590A, 25590B, 25593A, 25593B, 25594A, 25597A, 25597B
 12 V, Length 13.50, Lead length 98.00, Lead length 2 50.00, Height 19.00, Thickness 8.80



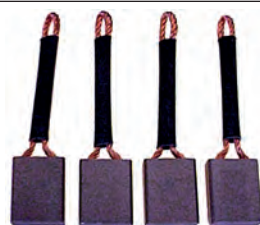
LASX22 Brush Set

Replacing: TAB127, 270005, 255659
 Servicing: M418G
 12 V, Length 13.50, Lead length 96.00, Height 19.00, Thickness 8.80



LASX314 Brush Set

Replacing: TAB119, 54258592
 Servicing: M50, 26211, 26211A, 26211L, 26211M, 26211T, 26211U, 26213, 26227, 26291, 26291A, 26291D, 26291E, 26316, 26329, 26330
 12 V, Length 22.20, Lead length 63.00, Height 19.00, Thickness 7.90



LASX364 Brush Set

Replacing: TAB118, 54259517
 Servicing: M50, M127, 26211, 26213, 26227, 26265, 26273, 26274, 26284, 26284E, 26291, 26294, 26311, 26312, 26316, 26323, 26329
 12 V, Length 26.00, Lead length 67.50, Height 20.00, Thickness 9.00



LASX37-38-39 Brush Set

Replacing: 54242194
 Servicing: M35J, -K, 25137A, 25137E, 25137F, 25137N, 25145A, 25145H, 25145J, 25146A, 25146J, 25146K, 25147A, 25147H, 25148A
 12 V, Length 16.00, Lead length 109.00, Lead length 2 83.00/43.00, Height 11.60, Thickness 3.50/9.50



LASX40-412P Brush Set

Replacing: TAB117, 60600056, 54244848
 Servicing: M35J, -K
 12 V, Length 16.00, Lead length 131.00, Lead length 2 73.00/36.00, Height 11.60, Thickness 3.50/9.50



LASX424 Brush Set

Replacing: 54244979
 Servicing: M50, M127, 26227A, 26227Q, 26227R, 26227V, 26234A, 26234J, 26234K, 26246A, 26246L, 26246M, 26265J, 26265M, 26273A
 12 V, Length 25.00, Lead length 71.00, Height 20.00, Thickness 9.00



LASX43-442 Brush Set

Replacing: TAB124, 54246258
 Servicing: M100, 25629A, 25629E, 25634A, 25634E, 25638A, 25638E, 25642A, 25642F, 25643A, 25643J, 25644A, 25644K, 25647A, 25647L
 12 V, Length 17.50, Lead length 109.00, Lead length 2 53.50, Height 13.30, Thickness 4.70/10.30



LASX44-452P Brush Set

Replacing: TAB116, 60600196
 Servicing: M100, 25631A, 25631D, 25636B, 25637B, 25659A, 25659D, 25668A, 25668D, 25669A, 25670A, 25670B, 25676A, 25676B, 25677A
 12 V, Length 17.50, Lead length 143.50, Lead length 2 96.00/45.00, Height 13.30, Thickness 4.70/10.30



LASX5-62/1P Brush Set

Replacing: TAB128, 251108
 Servicing: M35G, 25022, 25071, 25079, 25083, 25085, 25105, 25112
 12 V, Length 14.20, Lead length 109.00, Lead length 2 59.00/45.00, Height 15.90, Thickness 6.40


LASX73-412/1P Brush Set

Replacing: TAB103, 60600767

 Servicing: M35J, 25326A, 25326E, 25331A, 25331D, 25332A, 25332E, 25333A, 25335A, 25335B, 25336A, 25337A, 25337B, 25338A, 25338B
 12 V, Length 16.00, Lead length 97.00, Lead length 2 52.00/40.00, Height 11.60, Thickness 3.50/9.50

Brushes

Pkg. 100


LAS40 Brush

Replacing: LASX40-412P

12 V, Length 14.15, Lead length 79.00, Lead length 2 39.00, Height 11.60, Thickness 4.00/8.55

Alternative no.: LASX40-412P

Pkg. 100


LAS41 Brush

Replacing: LASX40-412P

12 V, Length 14.20, Lead length 133.00, Height 11.60, Thickness 4.00/8.60

Alternative no.: LASX40-412P

Pkg. 100


LAS73# Brush

Replacing: LASX73-412/1P

12 V, Length 15.70, Lead length 53.00, Height 11.80, Thickness 4.00/8.45

Alternative no.: LASX73-412/1P

Bushings

Pkg. 10


140052 Bushing

Replacing: TCB127, 250626

ID 12.74, OD 15.85, Length 19.00

Pkg. 10


140053 Bushing

Replacing: TCB123, 255491

Servicing: 37MT, 25521F, 25533A, 25533E, 25555A, 25555F, 25578A, 25578B, 25598A, 25605A, 25605D, 25607A, 25609A, 25609E, 25610A

ID 15.99, OD 19.15, Length 18.90

Alternative no.: B140053

Pkg. 10


140054 Bushing

Replacing: TCB125, 251477

Servicing: 25022, 25038, 25038E, 25038H, 25071, 25079, 25079A, 25079J, 25083, 25083A, 25083H, 25085, 25085A, 25085B, 25088A

ID 12.76, OD 15.84, Length 12.70

Pkg. 10


140056 Bushing

Replacing: 54241267

Servicing: 25016, 25024, 25041, 25061, 25062, 25063, 25065, 25075, 25087, 25088, 25089, 25097, 25118, 25138, 25147, 25149, 25150

ID 11.15, OD/collar 26.20, OD 15.85, Length 16.30, Height/collar 2.40

Alternative no.: B140056


140057 Bushing

Replacing: TCB114, 54252054

 Servicing: 25130A, 25130B, 25140A, 25140E, 25143A, 25143E, 25144A, 25144B, 25151A, 25152A, 25154A, 25154F, 25155A, 25155H, 25202A
 ID 12.08, OD 15.07, Length 16.90

Alternative no.: B140057

Pkg. 10


140058 Bushing

Replacing: TCB113, 54252236

Servicing: 26072, 26132, 26132H, 26132J, 26132R, 26133K, 26133R, 26143J, 26143Q, 26145, 26146H, 26146N, 26147J, 26147M, 26148H

ID 14.06, OD 17.06, Length 19.70

Alternative no.: B140058

Pkg. 10


140059 Bushing

Replacing: TCB124, 253316

Servicing: 25022, 25071, 25079, 25079A, 25079J, 25083, 25083A, 25083H, 25085, 25085A, 25085B, 25088A, 25088J, 25105, 25105A

ID 19.11, OD 20.70, Length 17.90


140102 Bushing Kit

Replacing: TCB117, 54244773

Servicing: M35J INERTIA, 25147A, 25147H, 25149B, 25149H, 25150A, 25150E, 25241A, 25241B, 25242A, 25242D

ID 19.15, OD/collar 25.35, OD 22.20, Length 20.35, Height/collar 2.50



140103 Bushing Kit

Replacing: TCB116, 54245343

Servicing: M35J, M100 8M90, -9M90, 25113A, 25113F, 25130A, 25130B, 25137A, 25137E, 25137F, 25137N, 25140A, 25140E, 25143A, 25143E

ID 11.20, OD/collar 26.15, OD 15.85, Length 12.35, Height/collar 2.85



140104 Bushing Kit

Replacing: TCB118, SSP0020, 61194019, 54243853

Servicing: M45, M50, 26125F, 26148, 26186, 26196, 26208A, 26208E, 26211, 26211A, 26211L, 26211M, 26211T, 26211U, 26213, 26213A

Pkg. 10



140144 Bushing

Replacing: TCB120, 271364

Servicing: 26132A, 26132F, 26133A, 26133J, 26143A, 26143H, 26145A, 26145F, 26146A, 26146F, 26147A, 26147H, 26148A, 26148F, 26149A

ID 12.76, OD 15.91, Length 16.50

Pkg. 10



140207 Bushing

Replacing: 256112

ID 12.77, OD 14.36, Length 17.40

Pkg. 10



140212 Bushing

Replacing: TCB112, 54252494

Servicing: 26132, 26143J, 26143Q, 26145, 26154, 26167, 26172A, 26172D, 26172E, 26172L, 26200, 26219, 26220, 26391, 27421

ID 25.47, OD 28.65, Length 21.60

Alternative no.: B140212

Pkg. 5



140215 Bushing

Replacing: 54246200

Servicing: 35MT

ID 14.35, OD 17.55, Length 19.00



140528 Bushing Kit

Replacing: TCB129, 60600914

Servicing: 26587, 26600, 26600E, 26600F, 26601, 26601E, 26601F, 26602, 26602D, 26602H, 26604, 26604E, 26604J, 26605, 26605A



140590 Bushing Kit

Replacing: TCB106, 60600306

Servicing: 26372A, 26372B, 26385A, 26385B, 26390A, 26390B, 26390E, 26394A, 26394D, 26437A, 26437B, 26925188D, 26925189D, 26925193A



140592 Bushing Kit

Replacing: TCB108, 60600178

Servicing: 25148A, 25148K, 25198A, 25238A, 25238E, 25239A, 25239F, 25265A, 25265F, 25276A, 25276E, 25295A, 25295E, 25345A

15.85x11.19x18.84. 15.90x11.12x12.73.

22.26x19.08x20.50.



140593 Bushing Kit

Replacing: TCB110, 60600047

Servicing: 26269A, 26269F, 26269H, 26269L, 26327A, 26327H, 26346A, 26346D, 26346E, 26346K, 26381A, 26381D, 26381E, 26381F, 26383A

Pkg. 10



140594 Bushing

Replacing: 271733

Servicing: 26173

ID 25.50, OD 28.66, Length 17.30

Pkg. 10



140625 Bushing

ID 12.03, OD 13.50, Length 18.79

Alternative no.: B140625


140646 Bushing Kit

Replacing: TCB130, 60600924

Servicing: 26009, 26701A, 26701J, 26702, 26702E, 26702K, 26707A, 26707L, 26708, 26713A, 26713D, 26715, 26715B, 26716B, 26717


140655 Bushing Kit

Replacing: TCB131, 60600956

Servicing: 26689, 26910D, 26910F, 26911B, 26911D, 26913, 26913A, 26920A, 26920E, 26921, 26922B, 26924B, 26929A, 26929B, 26930A


140656 Bushing

Replacing: 54257833

Servicing: 26025007A, 26211, 26213, 26227, 26233, 26284E, 26291, 26312, 26330, 26336, 26428, 26428A, 26430, 26430A, 26430D

ID 12.75, OD 19.14, Length 14.00

Alternative no.: B140656


140657 Bushing

Replacing: 54256132

Servicing: 26148, 26186, 26196, 26213, 26233, 26264, 26267, 26273, 26283, 26286, 26330, 26365, 26379, 26391A, 26411, 26412, 27408

ID 12.80, OD 15.95, Length 14.00

Alternative no.: B140657


140658 Bushing

Replacing: 54255966

Servicing: 26025007A, 26925196A, 26925196B

ID 17.07, OD 21.05, Length 22.00

Alternative no.: B140658


140659 Bushing

Replacing: 54256151

Servicing: 26148, 26186, 26196, 26211, 26213, 26227, 26233, 26264, 26273, 26283, 26284, 26284E, 26286, 26291, 26312, 26316, 26329

ID 28.56, OD/collar 38.10, OD 31.77,

Length 13.00, Height/collar 2.35

Alternative no.: B140659


140661 Bushing

Servicing: 25016, 25024, 25041, 25061, 25062, 25063, 25065, 25075, 25087, 25088, 25089, 25097, 25138, 25147, 25149, 25201, 25238

ID 19.10, OD/collar 25.40, OD 22.25,

Length 20.50, Height/collar 2.50

Alternative no.: B140661


140662 Bushing

Servicing: 25326, 25338, 26267

ID 12.07, OD 15.05, Length 14.05

Alternative no.: B140662


140663 Bushing

Replacing: 54264884

Servicing: 25290, 25326, 25338, 25339, 25355

ID 11.17, OD/collar 26.20, OD 15.85, Length 12.60, Height/collar 3.00

Alternative no.: B140663


140664 Bushing

ID 22.35, OD/collar 31.70, OD 26.25, Length 34.00, Height/collar 5.00

Alternative no.: B140664


140665 Bushing

Servicing: 26009, 26602, 26605, 26607, 26616, 26618, 26667, 26681, 26689, 26692, 26696, 26699, 26801, 26809, 26810, 26813, 26815

ID 12.05, OD 15.10, Length 7.80

Alternative no.: B140665


140666 Bushing

ID 11.18, OD 15.85, Length 18.85

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10



140688 Bushing
 Servicing: 27564, 27595
 ID 14.32, OD 17.62, Length 22.20
 Alternative no.: B140688

Pkg. 10



140689 Bushing
 Servicing: 27455
 ID 12.09, OD 15.08, Length 19.00
 Alternative no.: B140689

Pkg. 10



140746 Bushing
 Replacing: TCB122, 270038
 Servicing: M45G, 25521F, 25533A, 25533E, 25555A, 25555F, 25578A, 25578B, 25598A, 25605A, 25605D, 25607A, 25609A, 25609E, 25610A
 ID 22.05, OD 25.45, Length 33.60

Pkg. 10



140997[#] Bushing
 Servicing: 25349, 25350, 25351
 ID 11.03, OD 13.55, Length 20.00

Pkg. 10



141013 Bushing
 Servicing: M78, M80R, 26009, 26805, 26806, 26807, 26809, 26810, 26813, 26815, 26816, 26820, 26823, 26824, 26827, 26829, 26830
 ID 16.50, OD/collar 22.00, OD 20.00, Length 8.00, Height/collar 1.50

Pkg. 10



141014 Bushing
 Servicing: M78, M80R, 26009, 26715, 26801, 26809, 26810, 26813, 26815, 26816, 26823, 26824, 26830, 26831, 26832, 26833, 26834
 ID 11.14, OD/collar 17.50, OD 14.34, Length 9.00, Height/collar 1.50

Pkg. 10



141016 Bushing
 ID 17.03, OD 18.75, Length 25.00

Pkg. 10



141072[#] Bushing
 ID 17.30, OD 18.85, Length 24.90

Pkg. 100



B140053 Bushing
 Replacing: TCB123, 255491
 ID 15.99, OD 19.15, Length 18.90
 Alternative no.: 140053

Pkg. 100



B140056 Bushing
 Replacing: 54241267
 ID 11.15, OD/collar 26.20, OD 15.85, Length 16.30, Height/collar 2.60
 Alternative no.: 140056

Pkg. 100



B140057 Bushing
 Replacing: TCB114, 54252054
 ID 12.08, OD 15.07, Length 16.90
 Alternative no.: 140057

Pkg. 100



B140058 Bushing
 Replacing: TCB113, 54252236
 ID 14.06, OD 17.07, Length 19.50
 Alternative no.: 140058

Pkg. 100



B140062 Bushing
 Replacing: 227818, 227713
 ID 15.10, OD 18.20, Length 22.15
 Alternative no.: 140062

Pkg. 100



B140212 Bushing
 Replacing: TCB112, 54252494
 ID 25.47, OD 28.65, Length 21.60
 Alternative no.: 140212

Pkg. 100



B140625 Bushing
 Replacing: 140625
 ID 12.04, OD 13.52, Length 18.80
 Alternative no.: 140625

Pkg. 100



B140656 Bushing
 Replacing: 54257833
 ID 12.75, OD 19.14, Length 14.00
 Alternative no.: 140656

Pkg. 100



B140657 Bushing
 Replacing: 54256132
 ID 12.80, OD 15.95, Length 14.00
 Alternative no.: 140657

Pkg. 100



B140658 Bushing
 Replacing: 54255966
 ID 17.07, OD 21.05, Length 22.00
 Alternative no.: 140658

Pkg. 100



B140659 Bushing
 Replacing: 54256151
 Servicing: 26025007A, 26925196A,
 26925196B
 ID 28.56, OD/collar 38.10, OD 31.77,
 Length 13.00, Height/collar 2.40
 Alternative no.: 140659

Pkg. 100



B140661 Bushing
 Replacing: 140661
 ID 19.10, OD/collar 25.40, OD 22.25,
 Length 20.50, Height/collar 2.50
 Alternative no.: 140661

Pkg. 100



B140662 Bushing
 Replacing: 140662
 ID 12.07, OD 15.05, Length 14.05
 Alternative no.: 140662

Pkg. 100



B140663 Bushing
 Replacing: 54264884
 ID 11.17, OD 15.85, Length 12.60
 Alternative no.: 140663

Pkg. 100



B140664[#] Bushing
 Replacing: 140664
 ID 22.35, OD/collar 31.70, OD 26.25,
 Length 34.00, Height/collar 5.00
 Alternative no.: 140664

Pkg. 100



B140665 Bushing
 Replacing: 140665
 ID 12.02, OD 15.07, Length 7.80
 Alternative no.: 140665

Pkg. 100



B140688 Bushing

Replacing: 140688
 ID 14.32, OD 17.62, Length 22.20
 Alternative no.: 140688

Pkg. 100



B140689 Bushing

Replacing: 140689
 ID 12.09, OD 15.08, Length 19.00
 Alternative no.: 140689

Bearings

Ball Bearings

Pkg. 10



140271 FAG 6000-C-2HRS-C3 Ball Bearing

Replacing: UMB120
 ID 10.00, OD 26.00, Height 8.00
 Alternative no.: 142277, 333099

Pkg. 10



140412 M410X12971 Ball Bearing

Replacing: SSP6002
 ID 19.00, OD 37.00, Height 9.00,
 Bushing w/

Needle Bearings

Pkg. 10



141263 Needle Bearing

Replacing: 720000400
 Servicing: 26925159A, 26925159B,
 26925159E
 ID 12.50, OD 16.00, Height 9.93

Repair Kits



233045 Repair Kit

Servicing: M50, M127, 26265, 26273, 26365,
 26411, 27408, 27432, 27474
 Incl.: HC-CARGO 130879, 131298, 4x HC-CARGO 132209, 135500, 140104, LASX364.

Sundry Parts

Covers

Pkg. 5



132928 Cap

Servicing: 8M90, 25277, 25281, 25281B,
 25326, 25331, 25332, 25335, 25338, 25339,
 25344, 25349, 25350, 25351, 25355, 25356,
 25357
 OD 28.00, Height 14.55

Pkg. 5



133637 Cap

Servicing: 8M90, 9M90
 OD 26.80, Height 13.15

Pkg. 5



138884 Cover

Servicing: M79, 26587, 26600, 26601, 26602,
 26605, 26614, 26616, 26618, 26619, 26622,
 26626, 26628, 26648, 26655, 26660, 26667
 ID 20.00, OD 32.50, Height 13.50
 Gasket: HC-CARGO 138881.



231195 Cover Kit

Replacing: SSP0034, LTH211

Pkg. 10



232065 Dust Cover

Servicing: M79, M80, 26667, 26921, 26929,
 26936, 26938, 27022, 27043, 27047
 OD 15.80, Height 5.60
 Tolerance of thickness is +0.10/-0.05 mm.

O-rings

Pkg. 10



134692 O-ring

Servicing: M127, 26355, 26356, 26388,
 26407, 27511, 27554
 ID 6.00, Thickness 2.50

Pkg. 10


139839 O-ring

Servicing: 26025007A, 26355, 26356, 26388, 26407, 26925196A, 26925196B
 ID 7.00, Thickness 2.50

Thru Bolts

Pkg. 10


232066[#] Through Bolt

Servicing: 26607, 26692, 26696, 26702, 26715, 26717, 26722, 27045
 Total length 136.15, Thread size M6, Thread size/rear M6


235008 Through Bolt Kit

Servicing: M50, M127, 26025007A, 26925196A, 26925196B
 Thread M8, Total length 200.60, Thread length 18.90

Various

Pkg. 10


130869 Insulator

Servicing: M35J

Pkg. 10


130871 Terminal Bolt

Replacing: SSP0025, 272022
 Servicing: M45G, 26148, 26173, 26196, 26256, 26259, 26267, 26278, 26283, 26321, 26371, 26386, 26400, 26414, 27417, 27478, 27486
 Total length 40.55, Thread length 23.60, Thread size 1/4" BSF

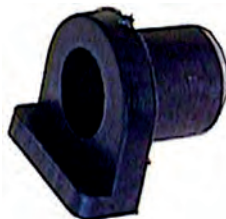

130879 Brake Kit

Replacing: TZT110, SSP0027, 54243852
 Servicing: M50, 26025007A, 26148, 26186, 26196, 26208A, 26208E, 26209A, 26209E, 26211, 26213, 26215A, 26215F, 26215H, 26227, 26233


131298 Seal Kit

Replacing: SSP0015, SSP0014, 61194014, 61194013, 60600020, 54244971
 Servicing: M50, M127, 26025007A, 26213, 26273A, 26273D, 26273E, 26273F, 26273H, 26273M, 26274, 26274A, 26274D, 26274E, 26274F

Pkg. 10


132771 Insulator

Servicing: M35G

Pkg. 10


133914 Star Washer

Replacing: TLB185
 Servicing: M35J, K, M78, M79, 5M90, 25137A, 25137E, 25137F, 25137N, 25145A, 25145H, 25145J, 25146A, 25146J, 25146K, 25157A, 25157J

Pkg. 10


134095[#] Insulator

Servicing: 2M100, 3M100

Pkg. 5


134096 Dust Cover

Servicing: 2M100, 3M100
 ID 35.00, OD 24.00, Height 14.50

Pkg. 10


134459 Brass Nut

Replacing: SSP0023, 172580, 134459
 Servicing: M35J
 Thread 1/4" UNFx28, OD 11.00, Lock nut No

Pkg. 10



134460 Brass Nut
 Servicing: M35J
 Thread M6, OD 10.00, Lock nut No



135122 Screw
 Servicing: M35, M45, M50, M418,
 26025007A, 26925196A, 26925196B
 Thread 3/8" W, Length 7.40,
 Total length 14.65

Pkg. 5



135123 Insulator
 Servicing: M79, 26812, 26835, 26847



135499 Pole Screw Kit
 Servicing: M45, 26173, 26256, 26259,
 26267, 26321, 26371, 26400, 26925188D,
 26925189D, 26925193A, 26925194D,
 26925196A, 26925198D
 Metric.



135500 Parts Kit
 Replacing: TLB189, 54243855
 Servicing: M50, M127, 25128A, 25128B, 25130A,
 25130B, 26208A, 26208E, 26211A, 26211L,
 26211M, 26211T, 26211U, 26213, 26215A
 Metric.



135501 Terminal Kit
 Servicing: M45, M50, M127

Pkg. 5



135916 Dust Cover
 Servicing: M79, 26602, 26607, 26614,
 26618, 26619, 26622, 26626, 26692, 26696,
 27026, 27045, 27061

Pkg. 5



136272 Gasket
 Servicing: M45G
 Length 352.90, Thickness 1.95, Width 39.80

Pkg. 10



136274 Gasket
 Servicing: M50
 Length 75.00, Thickness 0.55, Width 8.00

Pkg. 5



136275 Gasket
 Servicing: M45G
 Length 289.00, Thickness 0.50, Width 27.80

Pkg. 5



136277 Gasket
 Servicing: M50
 ID 36.00, OD 58.00, Thickness 0.30

Pkg. 5



136279 Gasket
 Servicing: M50, 26025007A, 26925196A,
 26925196B
 Length 283.35, Thickness 0.35, Width 38.10

Pkg. 5



136322 Insulator
 Servicing: 2M113



136339 Sealing Kit
 Replacing: 60600026
 Servicing: M45G, 2M113, 27430



Pkg. 5

136949 Insulator

Servicing: M50, 26211, 26227, 26265, 26267, 26291



Pkg. 5

136950 Insulator

Servicing: M50, 26211, 26227, 26274, 26284, 26284E, 26291, 26295, 26312, 26323, 26345, 26349, 26358, 26366, 26374, 26410, 26416



Pkg. 5

137494 Insulator

Servicing: M50



Pkg. 5

137495 Insulator

Servicing: 2M113, 26173, 26271, 26278, 26413, 27413, 27417, 27425, 27432, 27446, 27460, 27463, 27468, 27478, 27486



Pkg. 10

137532 Nut

Replacing: SSP0026, 54132580

Servicing: M35J, 26125, 26126, 26145, 26148, 26154, 26156, 26163, 26165, 26167, 26186, 26196, 26200, 26220, 26233, 26264, 26265

Thread 1/4" BSF, OD 13.25, Lock nut No



Pkg. 5

138138 Terminal Bolt

Replacing: SSP0024, 256746

Servicing: M45G, 26125, 26126, 26156, 26163, 26165, 26311, 26341, 26342, 26360, 26373, 26431, 27564, 27595

Total length 53.00, Thread length 34.65, Thread size 1/4" BSF


138683 Stop Collar Kit

Replacing: TLB186

Servicing: 0001108..., 0001109..., 26614, 26619, 26622, 26667, 26813, 26834, 26841, 26845, 26903, 26903B, 26903D, 26913, 26935



Pkg. 10

138880# Snap Ring

Servicing: M78, M79, M80, M35G, 25206, 25250, 25255, 25276, 25288, 25368, 25400, 26587, 26600, 26601, 26602, 26618, 26628, 26648

Thickness 2.00

Stop collar: HC-CARGO 235084.



Pkg. 100

192404 Hex Screw

Replacing: 192404

Servicing: M45G

Thread 1/4" UNF, Spanner size 7/16", DIN norm 933, ISO Norm 4017


231194 Stop Collar Kit

Replacing: SSP0033, LTH105

ID 12.10, OD 17.40, Height 5.00



Pkg. 10

235084 Stop Collar

Servicing: M35, M78, M79, M80, 25400, 26648, 26655, 26686, 26925159B, 26925159E

ID 12.30, OD 17.10, Height 4.00

Armatures

9 V



138338 Armature

Servicing: 63217101, 63217105, 63217106, 63217116, 63217118, 63217138, 63217147, 63217152

9 V, 2.5 kW, Shaft length 295.90, Core thickness 75.00, No./splines 12, Rotation CR
High torque.

12 V



130360 Armature

Replacing: 74861761

Servicing: 63220700, 63220701, 63220703, 63220704, 63220705, 63220706, 63220721, 63220724, 63220732, 63220734, 63220735, 63220740

12 V, 0.8 kW, Shaft length 250.00, Core thickness 54.40, No./splines 12, Rotation CR

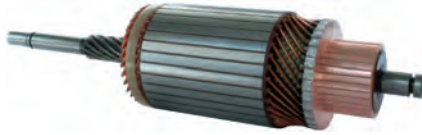


130370 Armature

Replacing: 74874761, 74868531, 74866521

Servicing: 6322243, 63222408, 63222430, 63222435, 63222437, 63222438, 63222439, 63222453, 63222506, 63222531, 63222532, 63222536

12 V, 1.3 kW, Shaft length 268.55, Core thickness 67.00, No./splines 12, Rotation CR

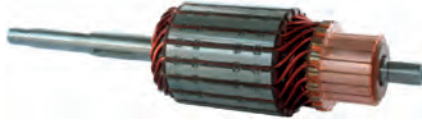


130386 Armature

Replacing: 72386803, 72386801

Servicing: 63216800, 63216808, 63216814, 63216815, 63216816, 63216825, 63216826, 63216827, 63216851, 63216852, 63216873, 63216876

12 V, 3.5 kW, Shaft length 321.00, Core thickness 75.00, No./splines 12, Rotation CR



130945 Armature

Replacing: 74870031, 74869671

Servicing: 63201000, 63201001, 63201002, 63201003, 63201004, 63201005, 63201030, 63201050, 63201100, 63220107, 63220108, 63220137

12 V, 0.5 kW, Shaft length 230.00, Core thickness 51.75, No./splines 2, Rotation ACR

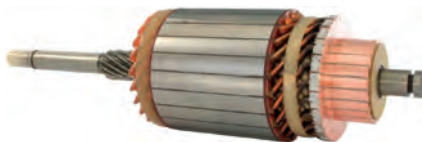


131132 Armature

Replacing: 74892151, 74886931

Servicing: 63220507, 63220536, 63220537, 63220538

12 V, 0.5 kW, Shaft length 232.50, Core thickness 51.70, No./splines 12, Rotation CR



131472 Armature

Replacing: 72163701

Servicing: 63217126, 63217148, 63217154, 63217156, 63217158, 63217163, 63217186, 63217188, 63217407, 63217408, 63217410, 63217433

12 V, 2.5 kW, Shaft length 292.00, Core thickness 75.00, No./splines 12, Rotation CR

Alternative no.: F032131472



131668 Armature

Manufacturer: Magneti Marelli

Replacing: 74880991

Servicing: 63221300, 63221302, 63221303, 63221330, 63221332, 63221333, 63221338, 63221400, 63221401, 63221430, 63221431, 63221531

12 V, 0.9 kW, Shaft length 220.00, Core thickness 60.00, No./splines 12, Rotation CR



131670 Armature

Replacing: 72382301

Servicing: 63217101, 63217104, 63217105, 63217106, 63217107, 63217110, 63217116, 63217117, 63217118, 63217119, 63217120, 63217121

12 V, 2.5 kW, Shaft length 296.00, Core thickness 75.00, No./splines 12, Rotation CR



132615 Armature

Replacing: 74893711

Servicing: 63101003, 63221800, 63221830, 63221832, 63221834, 63221890, 63221892

12 V, 0.8 kW, Shaft length 185.50, Core thickness 60.00, No./splines 12, Rotation CR

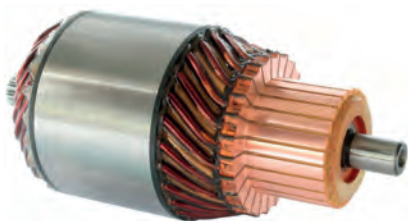


132619 Armature

Replacing: 74891011

Servicing: 63221403, 63221404, 63221408, 63221433, 63221434, 63221436, 63221438, 63221500, 63221530, 63221533, 63221539, 63221630

12 V, 1.1 kW, Shaft length 231.40, Core thickness 59.85, No./splines 10, Rotation CR


132817 Armature

Replacing: 74899021, 74894221

Servicing: 50246416, 63114008, 63114010, 63114014, 63114017, 63221801, 63221831, 63222000, 63222001, 63222005, 63222030, 63222031

12 V, 2.2 kW, Shaft length 134.20, Core thickness 58.95, No./teeth 11, Rotation CR/ACR

Alternative no.: F032132817


132849# Armature

Replacing: 74888921

Servicing: 63223203, 63223233, 63223236, 63223237, 63223238, 63223239, 63223330, 63223331, 63223332

12 V, 1.6 kW, Shaft length 266.50, Core thickness 64.90, No./splines 10, Rotation CR


133567 Armature

Manufacturer: Magneti Marelli

Replacing: 83225372, 83220031

Servicing: 50246532, 50246648, 63222831, 63222832, 63222833, 63222836, 63222837, 63222838, 63222897, 63223031, 63223032, 63223033

12 V, 1 kW, Shaft length 216.30, Core thickness 51.45, No./splines 12, Rotation CR

Alternative no.: 335084


133955 Armature

Replacing: 72169501, 72162601

Servicing: 63216731, 63216817, 63216818, 63216831, 63216852, 63216884, 63216896, 63616896, MT68AD, MT68LC, MT68PB, MT68RA, MT68T

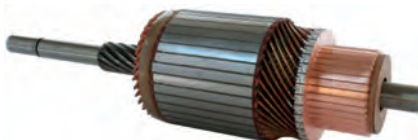
12 V, 3.5 kW, Shaft length 317.50, Core thickness 74.95, No./splines 12, Rotation CR


133970 Armature

Replacing: 72378301

Servicing: 63216802, 63216833, 63616831

12 V, 3.5 kW, Shaft length 328.00, Core thickness 75.00, No./splines 12, Rotation CR


134122 Armature

Replacing: 74895901, 74845901

Servicing: 63224600, 63224602, M125M3-Z9(3/12)

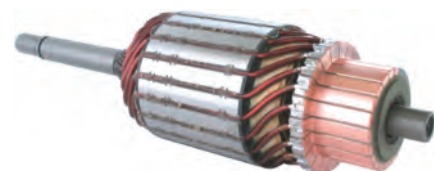
12 V, 3 kW, Shaft length 336.60, Core thickness 82.60, No./splines 12, Rotation CR


134653# Armature

Replacing: 74885041

Servicing: 63221304, 63221305, 63221437, 63221535

12 V, 0.9 kW, Shaft length 223.60, Core thickness 59.90, No./splines 12, Rotation CR


135620 Armature

Replacing: 86226811, 83227678, 83226811, 83226536, 83225727, 83225127

Servicing: 63101000, 63101002, 63101008, 63102003, 63102004, 63102007, 63102008, 63103002, 63103003, 63103007, 63103008, 63103015

12 V, 1 kW, Shaft length 202.40, Core thickness 51.45, No./splines 12, Rotation CR

Alternative no.: F032135620


136643 Armature

Replacing: 74891351

Servicing: 63221405, 63221435, 63221536

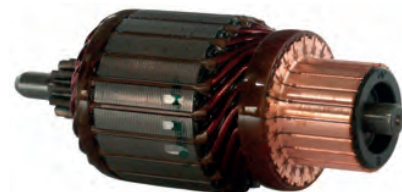
12 V, 1.1 kW, Shaft length 231.50, Core thickness 59.90, No./splines 10, Rotation ACR


138443 Armature

Replacing: 83225758

Servicing: 30000A, 30001A, 30002A, 30003A, 63223103, 63223104, 63223182, 63230001, 63230003, 63293103, 63293104

12 V, 0.8 kW, Shaft length 218.45, Core thickness 51.55, No./splines 12, Rotation ACR


138526 Armature

Manufacturer: Magneti Marelli

Replacing: 83227126

Servicing: 63111001, 63111005, 63111006, 63111007, 63111008, 63111009, 63111010, 63111016, 63111017, 63111018, 63111023, 63111027

12 V, 1.4 kW, Shaft length 120.00, Core thickness 47.45, No./teeth 11



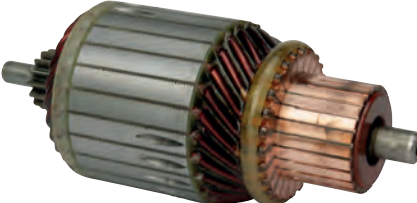
231159 Armature
 Replacing: 83226316
 Servicing: 63113001, 63113002, 63113003, 63113004, 63193001
 12 V, 1.8 kW, Shaft length 130.50,
 Core thickness 48.50, No./teeth 11
 Alternative no.: F032231159



234093 Armature
 Replacing: 83225937
 Servicing: 63102000, 63102000A, 63192000, 63223106
 12 V, 0.9 kW, Shaft length 202.90,
 Core thickness 51.45, No./splines 12,
 Rotation CR



235469 Armature
 Replacing: 83225702
 Servicing: 63223039, 63293039
 12 V, 0.9 kW, Shaft length 195.30,
 Core thickness 51.60, No./splines 12



235662 Armature
 Servicing: 63280040
 12 V, 3 kW, Shaft length 147.00,
 Core thickness 59.00, No./teeth 14



237078 Armature
 Servicing: 063102018010, 063102021010, 63101015, 63101018, 63101021, 63101022, 63101023, 63102020, 63102022, 63103024
 12 V, 0.9 kW, Shaft length 187.00,
 Core thickness 51.50, No./splines 12,
 Rotation CR



238843 Armature
 Servicing: 63103031
 12 V, 1 kW, Shaft length 202.00,
 Core thickness 51.58, No./splines 12

24 V



130347 Armature
 Replacing: 74899901
 24 V, 2.3 kW, Shaft length 298.00,
 Core thickness 74.90, No./splines 3,
 Rotation CR
 w/ 12 splines: HC-CARGO 134641.



131470 Armature
 Replacing: 72163201
 Servicing: 63216731, 63216741, MT67AA, MT67AD, MT67CB
 24 V, 4 kW, Shaft length 317.55,
 Core thickness 75.00, No./splines 12,
 Rotation CR



132951 Armature
 Replacing: 72386601
 Servicing: 63216703, 63216725, 63216726, 63216727, 63216740, MT67A, MT67AB, MT67C, MT67CA
 24 V, 4 kW, Shaft length 321.00,
 Core thickness 74.90, No./splines 12,
 Rotation CR

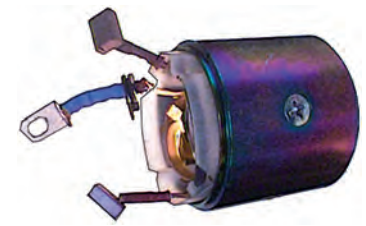


133030 Armature
 Replacing: 72161601
 Servicing: 63217226, MT72AB
 24 V, 3 kW, Shaft length 292.20,
 Core thickness 75.00, No./splines 12,
 Rotation CR



134641 Armature
 Replacing: 74700901
 Servicing: 63221535, 63223800, 63223802, 63223807, 63223830, 63223832
 24 V, 2.3 kW, Shaft length 298.60,
 Core thickness 74.85, No./splines 12,
 Rotation CR
 w/ 3 splines: HC-CARGO 130347.

Field Cases



136143 Field Case
 Replacing: 83223311, 83221651, 83220991
 Servicing: 50246532, 50246648, 63222831, 63222832, 63222833, 63222836, 63222837, 63222838, 63223031, 63223032, 63223033, 63223034
 12 V, 0.8/1 kW, OD/middle 80.45,
 Length 76.00, Brush gear w/o



138536# Field Case

Replacing: 83226348, 83225146

Servicing: 30000A, 30001A, 63101000, 63101002, 63101008, 63222888, 63222889, 63222905, 63222908, 63222909, 63222936, 63223104

12 V, 0.8 kW, OD/middle 80.50, Length 70.60, Brush gear w/o
Field coil: HC-CARGO 135621. Brush: HC-CARGO JSX38-412.



139625 Field Case

Replacing: 83226564

Servicing: 63114014, 63280040

12 V, 2.6 kW, OD/middle 94.50, Length 75.25, Brush gear w/o
Field coil: HC-CARGO 234092. Brush set: HC-CARGO JSX53-54.

Field Coils

12 V



130325 Field Coil

Replacing: 70494804, 70494803

Servicing: 63213853, 63213855, 63216225, 63216233

12 V, 3 kW, Height 116.00, Internal height 71.25, Inner width 28.65



130359# Field Coil

Replacing: 74860061

Servicing: 63220700, 63220701, 63220703, 63220704, 63220705, 63220706, 63220721, 63220724, 63220732, 63220734, 63220735, 63220740

12 V, 0.8 kW, Height 80.45, Width 166.00, Internal height 55.25, Inner width 16.35



130368# Field Coil

Replacing: 74866471

Servicing: 63103002, 63222408, 63222438, 63222506, E100-1.3/12V8

12 V, 1.3 kW, Height 93.80, Internal height 62.45, Inner width 24.20



130369 Field Coil

Replacing: 74866481

Servicing: 63103002, 63222408, 63222438, 63222506, E100-1.3/12V8

12 V, 1.3 kW, Height 97.20, Internal height 62.25, Inner width 24.30



131314 Field Coil

Replacing: 60737105

12 V, 2.3/2.7 kW, Height 113.55, Internal height 72.85, Inner width 33.00



131474 Field Coil

Manufacturer: Magneti Marelli

Replacing: 72166001

Servicing: 63217126, 63217148, 63217154, 63217188, 63217410, MT71AB, MT71DB, MT71TA, MT74L

12 V, 2.5 kW, Height 105.55, Internal height 70.25, Inner width 27.30



131680 Field Coil

Replacing: 72381901, 72142401

Servicing: 63217101, 63217104, 63217105, 63217118, 63217119, 63217120, 63217121, 63217125, 63217147, MT71A, MT71AA, MT71D, MT71DA

12 V, 2.5 kW, Height 119.90, Internal height 73.00, Inner width 27.45



134017 Field Coil

Replacing: 74890961

Servicing: 63221403, 63221404, 63221405, 63221408, 63221433, 63221434, 63221435, 63221436, 63221438, 63221500, 63221530, 63221533

12 V, 1.1 kW, Height 75.00, Internal height 46.90, Inner width 21.45, Rotation ACR



134044 Field Coil

Replacing: 74888361, 74885011, 74880921

Servicing: 63221300, 63221302, 63221303, 63221308, 63221322, 63221330, 63221332, 63221333, 63221334, 63221335, 63221400, 63221401

12 V, 0.9 kW, Height 78.40, Internal height 41.35, Inner width 19.95



136625 Field Coil
 Replacing: 74898981, 74894121
 Servicing: 63114008, 63221801, 63221831, 63222000, 63222001, 63222030, 63222031, 63222034, 63222035, 63222036, 63222038, 63222039
 12 V, 2.2 kW, Height 71.80, Width 190.00, Internal height 43.30, Inner width 19.55
 Brush set: HC-CARGO JSX31-32.



234092 Field Coil
 Servicing: 63114014, 63280040
 12 V, 2.6 kW, Height 77.65, Internal height 42.20, Inner width 21.20

24 V



131473 Field Coil
 Replacing: 72165901
 Servicing: 63216731, 63216741, MT67AA, MT67AD, MT67CB
 24 V, 4 kW, Height 122.55, Internal height 88.40, Inner width 28.65



133059 Field Coil
 Replacing: 74893931
 Servicing: 63101003, 63221800, 63221830, 63221832, 63221834, 63221890
 12 V, 0.8 kW, Height 62.15, Width 202.90, Internal height 35.30, Inner width 21.20



133595 5★ Field Coil
 Manufacturer: Magneti Marelli
 Replacing: 72165701
 Servicing: 63217226, MT72AB
 24 V, 3 kW, Height 103.70, Internal height 70.15, Inner width 27.50

C.E. Brackets



136163 5★ C.E. Bracket
 Manufacturer: Marelli
 Replacing: 72163904, 72163903
 Servicing: 63216741, 63216896, 63217148, 63217158, 63217410, MT67CB, MT68LC, MT71DB, MT74L
 ID 105.00



136206 C.E. Bracket
 Replacing: 83225386, 83225272, 83221161
 Servicing: 50246532, 50246648, 63222831, 63222832, 63222833, 63222836, 63222837, 63222838, 63222897, 63223031, 63223032, 63223033



136223 5★ C.E. Bracket
 Manufacturer: Marelli
 Replacing: 72163901
 Servicing: 63216731, 63216831, 63216861, 63217126, 63217226, MT67AA, MT67AD, MT68AD, MT71AB, MT72AB
 ID 106.00



136974 5★ C.E. Bracket
 Manufacturer: Marelli
 Replacing: 72313962, 72163906
 Servicing: 63216852, 63216884, 63217156, 63217163, MT68PB, MT68RA, MT68T
 ID 106.00



136975 5★ C.E. Bracket
 Manufacturer: Marelli
 Replacing: 72313961, 72163902
 Servicing: 63217154, MT71TA
 ID 106.00



138556 C.E. Bracket
 Replacing: 83226699, 83225970, 83225135
 Servicing: 63101000, 63101002, 63101008, 63101022, 63101023, 63102000, 63102000A, 63102003, 63102004, 63102007, 63102008, 63103002
 ID 75.00



231941 C.E. Bracket
 Replacing: 83226889
 Servicing: 63114014
 ID 91.00



235301 C.E. Bracket
 Replacing: 83226713, 83225622, 74899041
 Servicing: 63114008, 63114010, 63114017, 63222005, 63222035
 ID 91.50
 Bushing: HC-CARGO 140430.

D.E. Brackets



135764 D.E. Bracket
 Replacing: 85541475
 Servicing: M50, 63227500, 63227569



136203 5★ D.E. Bracket
 Manufacturer: Marelli
 Replacing: 72362308, 72362307, 72143107, 72143106, 72143105, 72143104, 72143103, 72143101
 Servicing: 63216731, 63216800, 63216825, 63216826, 63216827, 63216831, 63217121, 63217125, 63217126, 63217201, 63217225, 63217226



136878 D.E. Bracket
 Replacing: 85541483
 Servicing: M50, M127, 63227510, 63227572, 63227578, 63227583, 63227591, 63227594, 63227599



137025 D.E. Bracket
 Replacing: 72388401, 72157902, 72157901
 Servicing: 63216703, 63216740, 63216741, MT67CA, MT67CB



137213 5★ D.E. Bracket
 Manufacturer: Marelli
 Replacing: 72142003, 72134003, 72134002
 Servicing: 63216814, 63216876, 63216884, 63217106, MT68P, MT68PA, MT68PB



138351 D.E. Bracket
 Replacing: 85541472, 85541456
 Servicing: M50, M127, 63227541, 63227547, 63227565, 63227568, 63227590, 63227598



138434 D.E. Bracket
 Replacing: 85541453
 Servicing: M127-2.8 KW, 63227502, 63227518, 63227570, 63227574, 63227585, 63227588, 63227592, 63227596



139032 D.E. Bracket
 Replacing: 85541468, 85541465, 85541336
 Servicing: M127, 63227510, 63227553, 63227564, 63227565, 63227571, 63227588, 63227590, 63227596, 63227600, 63227602, 63227603



139629 5★ D.E. Bracket
 Manufacturer: Marelli
 Replacing: 83226888
 Servicing: 63114014



235122 D.E. Bracket
 Replacing: 83226437
 Servicing: 63102008, 63222900



235302 D.E. Bracket
 Servicing: 63114017, 63222005



235304 D.E. Bracket
 Replacing: 83226116, 83225846
 Servicing: 63102003, 63102004
 Bushing: HC-CARGO 140050.

I.M. Brackets



231024 I.M. Bracket

Replacing: 72364801

Servicing: 63216800, 63216815, 63216825, 63216826, 63216827, 63216851, 63216876, MT62BA, MT68A, MT68AA, MT68AB, MT68AC, MT68PA

Solenoids

12 V

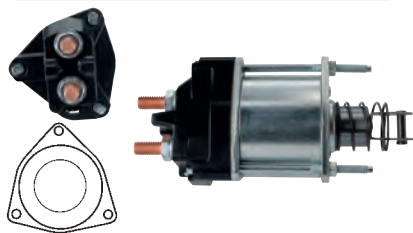


130281 Solenoid

Replacing: IE14AA, 636331425, 63631425

Servicing: 63213853, 63213855, 63216225, 63216233

12 V, B+ Cable, OD 85.90, Total length 93.80

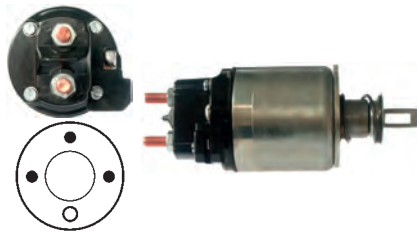


130367 Solenoid

Replacing: 63600507

Servicing: 63222400, 63222430, 63222700, 63222701, 63222730, 63222731

12 V, B+ M8, Kl. 50 6.30, ID/cover 24.80, OD 57.90, OD/cover 49.70, Total length 143.70, Height/B+ 18.50, Width/kl. 50 9.90, Coil bolt M8, Coil bolt 2 18.50, No./terminals 3
Cap: HC-CARGO 131324.

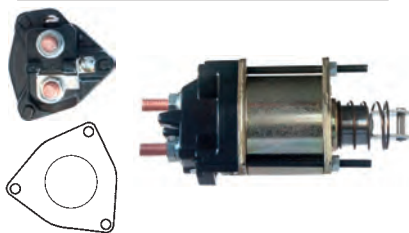


130373 Solenoid

Replacing: 63602290, 63602200

Servicing: 63224600, 63224602, 63224691, M125M3-Z9(3/12)

12 V, B+ M8, Kl. 50 6.30, OD 68.45, OD/cover 67.00, Total length 179.55, Height/B+ 20.90, Coil bolt M8, Coil bolt 2 20.90, No./terminals 3
Cap: HC-CARGO 131327.

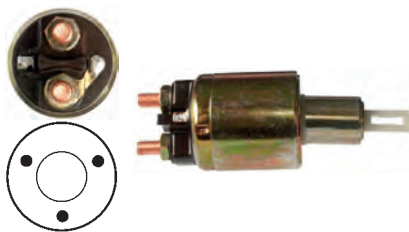


130377 Solenoid

Replacing: 63902000, 63600400

Servicing: 63220700, 63220701, 63220703, 63220721, 63220743, E84-0.8/12V1, E84-0.8/12V3

12 V, B+ M8, Kl. 50 6.30, OD 54.70, OD/cover 64.35, Total length 148.85, Height/B+ 22.40, Width/kl. 50 22.80, Coil bolt M8, Coil bolt 2 22.40, No./terminals 3
Cap: HC-CARGO 131325.



130830 Solenoid

Replacing: IE36A, 63633603, 63633601, 63602302

Servicing: 63216800, 63216808, 63216825, 63216826, 63216827, 63216873, 63217104, 63217105, 63217107, MT62BA, MT68A, MT68AA, MT68AB

12 V, B+ M10, Kl. 50 6.30, ID/cover 30.60, OD 61.10, OD/cover 53.55, Total length 142.55, Height/B+ 21.00, Width/kl. 50 9.45, Coil bolt M10, Coil bolt 2 21.00, No./terminals 3
Cap: HC-CARGO 131329. Moving Contact: HC-CARGO 132248.

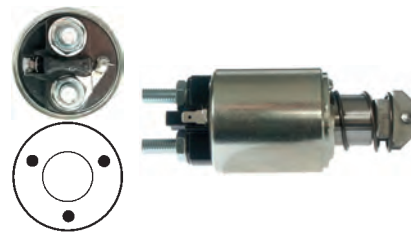


130848 Solenoid

Replacing: 74870151

Servicing: 63201000, 63201001, 63201002, 63201003, 63201004, 63201005, 63201100, 63201101, 63220107, 63220108, 63220137, 63220138

12 V

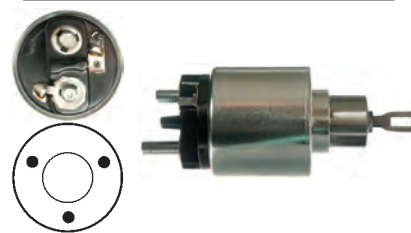


131112 Solenoid

Replacing: IE38AAA, 85540221, 85540011, 79036683, 63693801, 63633825, 63633806, 63633801

Servicing: 63216800, 63216815, 63216825, 63216826, 63216827, 63216831, 63216833, 63216851, 63216859, 63216861, 63216874, 63216896

12 V, B+ M10, Kl. 50 6.30, OD 61.00, Total length 159.00, Height/B+ 20.70, Width/kl. 50 6.20, Coil bolt M10, No./terminals 3
Cap: HC-CARGO 131329. Moving Contact: HC-CARGO 132248.

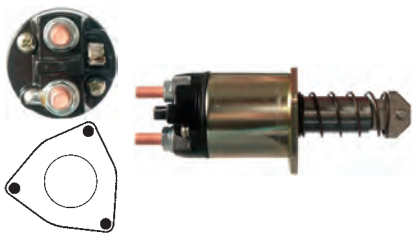


131143 Solenoid

Replacing: 82368225

12 V, B+ M8, Kl. 50 6.30, ID/cover 27.10, OD 56.35, OD/cover 49.35, Total length 140.80, Height/B+ 20.00, Width/kl. 50 12.50, Coil bolt M8, Coil bolt 2 12.60, No./terminals 3
Cap: HC-CARGO 131315.

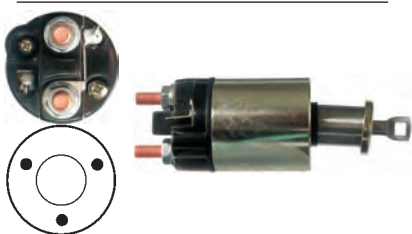
Alternative no.: 333147 333665


131437 Solenoid

Replacing: 85540911, 85540721, 85540281, 85530290, 85530280, 63600508, 63600506, 63600505, 63600504, 63600502

Servicing: 63206002, 63206003, 63220408, 63220430, 63220432, 63220433, 63220438, 63220439, 63220537, 63220538, 63220700, 63220701

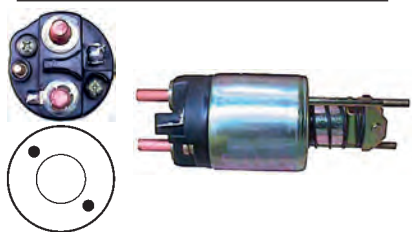
12 V, B+ M8, Kl. 50 6.30,
ID/cover 22.00, OD 50.40, OD/cover 50.40,
Total length 127.50, Height/B+ 21.45,
Width/kl. 50 13.95, Coil bolt M8,
Coil bolt 2 23.00, No./terminals 3
Cap: HC-CARGO 132229. Moving Contact:
HC-CARGO 132246.


131589 Solenoid

Replacing: 85540071, 63601600

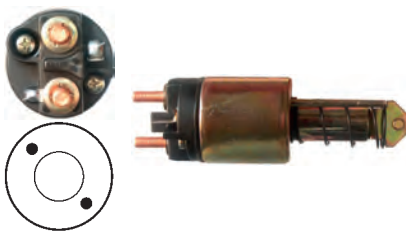
Servicing: 63221800, 63221830, 63223438

12 V, B+ M8, Kl. 50 6.30,
ID/cover 22.15, OD 50.15, OD/cover 50.15,
Total length 124.55, Height/B+ 20.60,
Width/kl. 50 14.15, Coil bolt M8,
Coil bolt 2 20.60, No./terminals 3
Cap: HC-CARGO 132250. Moving Contact:
HC-CARGO 132251.


132137 Solenoid

Replacing: 85540301, 85530000, 63600800
Servicing: 63221300, 63221330, 63221401, 63221431

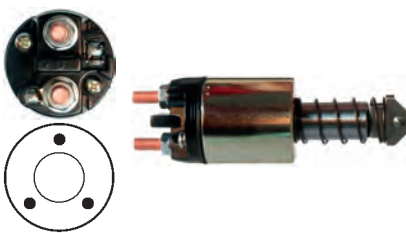
12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30,
OD/cover 23.20, OD 52.30,
Total length 147.25, Height/B+ 18.75,
Width/kl. 15a 7.25, Width/kl. 50 15.55,
Coil bolt M8, Coil bolt 2 18.90, No./terminals 4
Cap: HC-CARGO 132138.


132227 Solenoid

Replacing: 85540591, 85530010, 63600802

Servicing: 63220506, 63220536, 63220901, 63220931, 63221303, 63221309, 63221333, 63221338, 63221404, 63221431, 63221434, 63221637

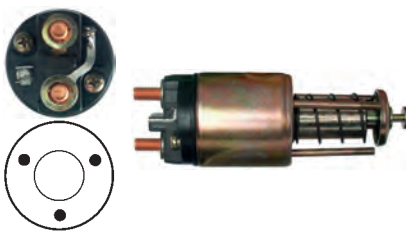
12 V, B+ M8, Kl. 50 6.30,
ID/cover 23.20, OD 52.20, OD/cover 50.00,
Total length 148.30, Height/B+ 19.30,
Width/kl. 50 14.70, Coil bolt M8,
Coil bolt 2 19.85, No./terminals 3
Cap: HC-CARGO 132229. Moving Contact:
HC-CARGO 132246.


132228 Solenoid

Replacing: 85540561, 85540001, 85530330, 63601768, 63600901

Servicing: 50246416, 63220932, 63221400, 63221403, 63221405, 63221430, 63221433, 63221435, 63221436, 63221438, 63221500, 63221530

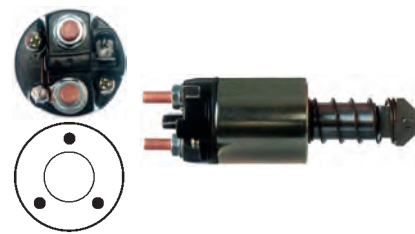
12 V, B+ M8, Kl. 50 6.30,
ID/cover 22.00, OD 20.25, OD/cover 50.35,
Total length 127.55, Height/B+ 20.85,
Width/kl. 50 14.45, Coil bolt M8,
Coil bolt 2 21.70, No./terminals 3
Cap: HC-CARGO 132229. Moving Contact:
HC-CARGO 132246.


132249 Solenoid

Replacing: 85540371, 63601700

Servicing: 63221834, 63221890

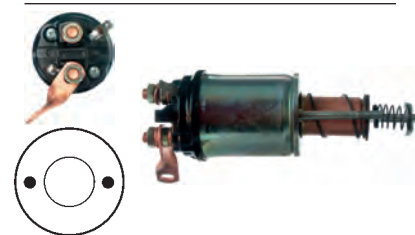
12 V, B+ M8, Kl. 50 6.30,
ID/cover 23.00, OD 52.30, OD/cover 49.55,
Total length 133.50, Height/B+ 14.00,
Width/kl. 50 15.35, Coil bolt M8,
Coil bolt 2 14.75, No./terminals 3
Cap: HC-CARGO 231816. Moving contact: HC-CARGO 132251.


133083 Solenoid

Replacing: 85540581, 63600900

Servicing: 63221831, 63222000, 63222030, 63222031, 63222034, 63222036, 63222038, 63222039, 63222130, 63222133, 63222134

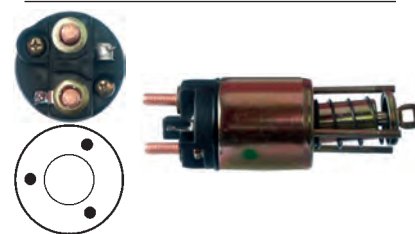
12 V, B+ M8, Kl. 50 6.30,
ID/cover 22.25, OD 50.25, OD/cover 50.30,
Total length 127.00, Height/B+ 21.25,
Width/kl. 50 14.00, Coil bolt M8,
Coil bolt 2 22.70, No./terminals 3
Cap: HC-CARGO 132229.


133531 Solenoid

Replacing: 85541325, 85541322, 85541320

Servicing: M127, 63227500, 63227502, 63227510, 63227518, 63227528, 63227539, 63227541, 63227547, 63227564, 63227565, 63227568

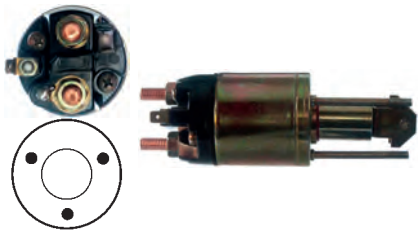
12 V, B+ M8, Kl. 50 6.30,
ID/cover 25.90, OD 53.85, OD/cover 60.00,
Total length 181.00, Height/B+ 13.00,
Width/kl. 50 14.00, Coil bolt M8,
Coil bolt 2 13.00, No./terminals 3
Cap: HC-CARGO 131015.


133566 Solenoid

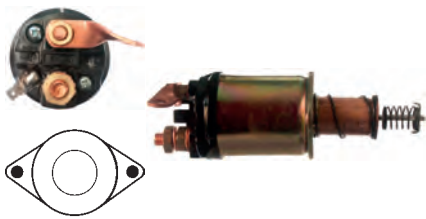
Replacing: 85540991, 85540473, 85540471, 85540231, 063601962000

Servicing: 50246532, 63221832, 63221892, 63222831, 63222832, 63222833, 63222836, 63222837, 63222897, 63223031, 63223032, 63223033

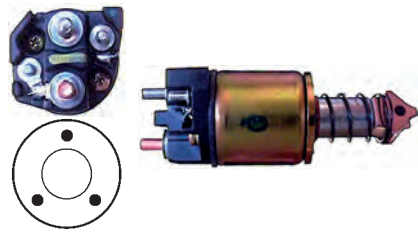
12 V, B+ M8, Kl. 50 6.30,
ID/cover 23.20, OD 52.40, OD/cover 50.10,
Total length 141.00, Height/B+ 19.00,
Width/kl. 50 21.55, Coil bolt M8,
Coil bolt 2 19.00, No./terminals 3
Cap: HC-CARGO 132229.



134862 Solenoid
 Replacing: 85540461
 Servicing: 63221305, 63221437, 63221535
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30,
 ID/cover 23.00, OD 51.70,
 OD/cover 50.35, Total length 147.30,
 Height/B+ 22.00, Width/kl. 15a 12.40,
 Width/kl. 50 10.15, Coil bolt M8,
 Coil bolt 2 21.15, No./terminals 4
 Cap: HC-CARGO 136055.



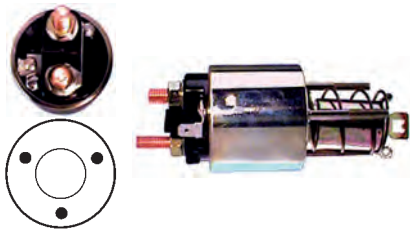
134888 Solenoid
 Replacing: 85541323
 Servicing: M127/2.8 KW, 63227501,
 63227508, 63227567, 63227575, 63227586,
 63327575, 63327586
 12 V, B+ M10, Kl. 50 6.30,
 ID/cover 26.00, OD 53.60, OD/cover 59.70,
 Total length 181.45, Height/B+ 24.55,
 Width/kl. 50 23.55, Coil bolt M8,
 Coil bolt 2 19.65, No./terminals 3
 Cap: HC-CARGO 132270.



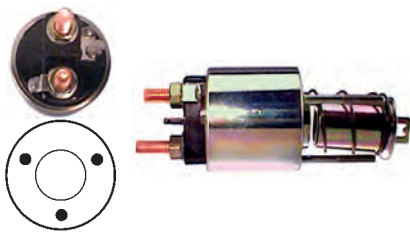
136164 Solenoid
 Replacing: 85540711
 Servicing: 63222035, 63292035
 12 V, B+ M8, Kl. 30h M5, Kl. 50 M6,
 ID/cover 23.20, OD 51.50,
 OD/cover 54.25, Total length 131.90,
 Height/B+ 14.55, Width/kl. 30h 8.20,
 Width/kl. 50 10.15, Coil bolt M8,
 Coil bolt 2 13.70, No./terminals 4
 Cap: HC-CARGO 231582. w/ 30H terminal.



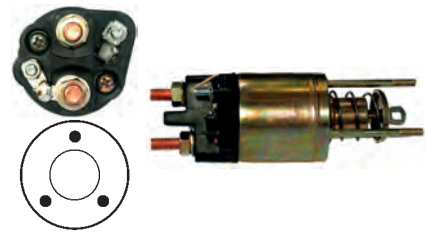
136889 Solenoid
 Replacing: 77222
 Servicing: M78R, 63226848
 12 V, OD 46.00, Total length 126.00,
 No./terminals 3
 Cap: HC-CARGO 136892.



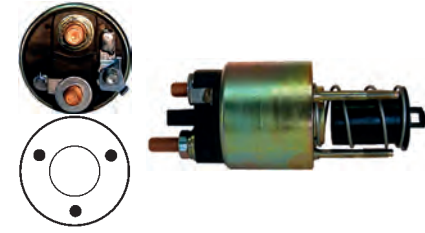
137190 Solenoid
 Replacing: 85541410, 85540981
 Servicing: 63222889, 63222900, 63222936,
 63223109
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 25.25, OD 53.90, OD/cover 46.80,
 Total length 126.55, Height/B+ 23.70,
 Width/kl. 50 13.80, Coil bolt M8,
 Coil bolt 2 11.40, No./terminals 3
 Cap: HC-CARGO 137347.



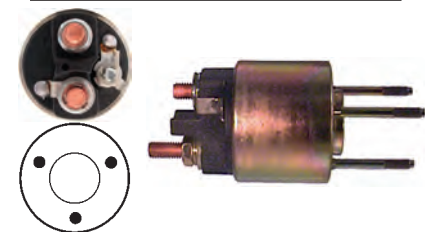
137191 Solenoid
 Replacing: 85541820, 85541430, 85540961
 Servicing: 63222900, 63223085, 63223303
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 25.20, OD 53.80, OD/cover 49.00,
 Total length 126.70, Height/B+ 26.40,
 Width/kl. 50 13.90, Coil bolt M8,
 Coil bolt 2 15.00, No./terminals 3
 Cap: HC-CARGO 139602.



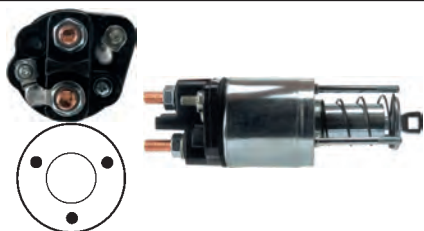
137790 Solenoid
 Replacing: 85541020, 63601966, 63601963
 Servicing: 63223435
 12 V, B+ M8, Kl. 30h M5, Kl. 50 M6,
 ID/cover 23.25, OD 52.00,
 OD/cover 52.75, Total length 141.60,
 Height/B+ 14.15, Width/kl. 30h 8.15,
 Width/kl. 50 9.30, Coil bolt M8,
 Coil bolt 2 14.00, No./terminals 4
 Cap: HC-CARGO 231880. w/ 30H terminal.



138444 Solenoid
 Replacing: 85541670, 85541420, 85541003,
 85511103, 63602106
 Servicing: 63102008, 63103002, 63103003,
 63103007, 63103008, 63111007, 63111008,
 63111018, 63111023, 63111037, 63111043,
 63112003
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 25.00, OD 53.90, OD/cover 46.90,
 Total length 118.85, Height/B+ 16.40,
 Width/kl. 50 11.95, Coil bolt M8,
 Coil bolt 2 10.40, No./terminals 3
 Cap: HC-CARGO 139602. Moving contact: HC-
 CARGO 233969.



138477 Solenoid
 Replacing: 85541717, 63602502, 63602404,
 63602109
 Servicing: 63114008, 63114010, 63114014,
 63280040
 12 V, B+ M8, Kl. 50 M6, OD 54.50,
 OD/cover 47.50, Height/B+ M8,
 Width/kl. 50 10.00, No./terminals 3
 Cap: HC-CARGO 139602. Moving contact: HC-
 CARGO 137348.


138522 Solenoid

Replacing: 85541060, 85540841

Servicing: 63223433

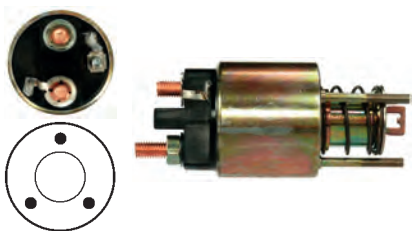
 12 V, B+ M8, Kl. 15a M5, Kl. 50 M6,
 ID/cover 23.00, OD 51.65,

 OD/cover 51.35, Total length 149.20,
 Height/B+ 18.10, Width/kl. 15a 7.85,

Width/kl. 50 10.10, Coil bolt M8,

Coil bolt 2 22.70, No./terminals 4

Cap: HC-CARGO 231582. w/ 30H terminal.


138531 Solenoid

Servicing: 63223039, 63293039

12 V, B+ M8, Kl. 50 M6,

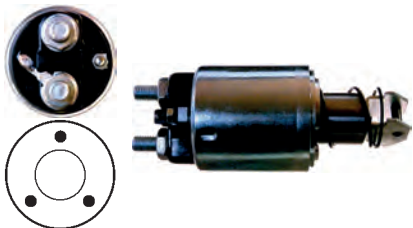
ID/cover 25.35, OD 54.00, OD/cover 47.40,

Total length 124.55, Height/B+ 20.90,

Width/kl. 50 11.75, Coil bolt M8,

Coil bolt 2 10.40, No./terminals 3

Terminal: HC-CARGO 231863.


138753 Solenoid

Replacing: 85540031, 63633804

 Servicing: 63216816, 63216818, 63216852,
 63216876, 63216884, 63217138, 63217156,
 63217163, 63217173, 63217180, 63217401,
 63217402

12 V, B+ M10, Kl. 50 6.30, OD 60.90,

Total length 160.00, Height/B+ 15.30,

Width/kl. 50 6.30, No./terminals 3

Cap: HC-CARGO 139141.


139104 Solenoid

Replacing: 85540922

 Servicing: 63222038, 63222131, 63222134,
 63222135, 63222136, 63222138, 63222204,
 63222206

12 V, B+ M8, Kl. 50 M6,

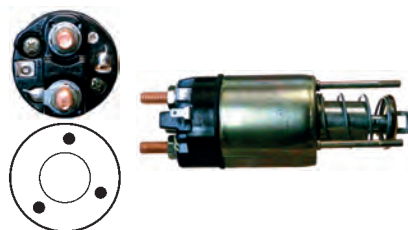
ID/cover 23.30, OD 51.60, OD/cover 50.65,

Total length 144.00, Height/B+ 25.25,

Width/kl. 50 9.00, Coil bolt M8,

Coil bolt 2 20.35, No./terminals 3

Cap: HC-CARGO 232417.


139220 Solenoid

Replacing: 85540501

Servicing: 63223432

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30,

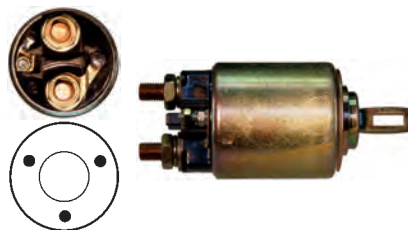
ID/cover 23.25, OD 52.00,

OD/cover 53.00, Total length 145.50,

Height/B+ 21.10, Width/kl. 15a 11.00,

Width/kl. 50 13.20, Coil bolt M8,

Coil bolt 2 20.00, No./terminals 4


139849 Solenoid

Replacing: 63633604

 Servicing: 63216814, 63217106, 63217108,
 63217110, 63217112, 63217116, MT68P,
 MT71H

12 V, B+ M10, Kl. 50 M5,

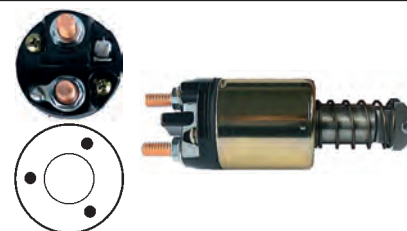
ID/cover 30.45, OD 61.00, OD/cover 53.25,

Total length 142.85, Height/B+ 20.35,

Width/kl. 50 15.20, Coil bolt M10,

Coil bolt 2 21.80, No./terminals 3

Cap: HC-CARGO 139141.


230325 Solenoid

Replacing: 85540041, 85530220, 63600904

 Servicing: 63220932, 63221400, 63221430,
 63221433, 63221531, 63221532, 63221534,
 63221538, 63221539, 63221632, 63221636,
 63221731

12 V, B+ M8, Kl. 50 6.30,

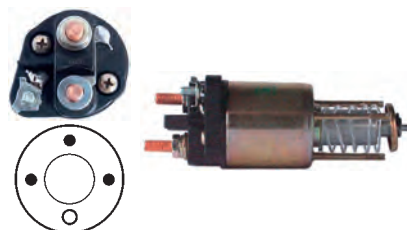
ID/cover 22.25, OD 50.00, OD/cover 50.00,

Total length 126.70, Height/B+ 21.30,

Width/kl. 50 14.45, Coil bolt M8,

Coil bolt 2 20.55, No./terminals 3

Cap: HC-CARGO 132229.


230802 Solenoid

Replacing: 85541230

Servicing: 63101003

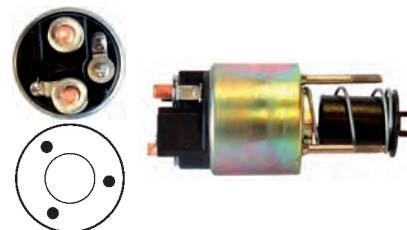
12 V, B+ M8, Kl. 50 6.30,

ID/cover 23.20, OD 52.45, OD/cover 52.15,

Total length 147.60, Height/B+ 26.45,

Width/kl. 50 9.65, Coil bolt M8,

Coil bolt 2 25.90, No./terminals 3


230805 Solenoid

Replacing: 85541210, 83227502

 Servicing: 63102000, 63102000A, 63111001,
 63191001, 63192000, 63223106

12 V, B+ M8, Kl. 50 M6,

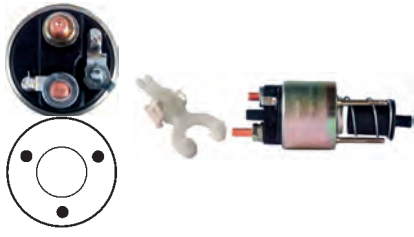
ID/cover 25.70, OD 54.00, OD/cover 47.40,

Total length 112.75, Height/B+ 12.50,

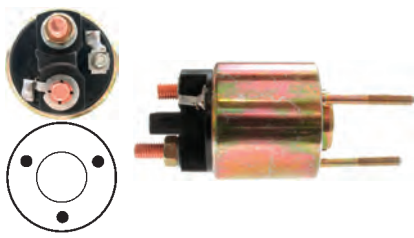
Width/kl. 50 13.60, Coil bolt M8,

Coil bolt 2 9.55, No./terminals 3

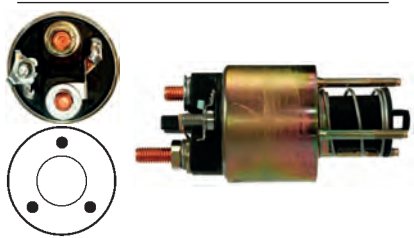
Cap: HC-CARGO 139602.



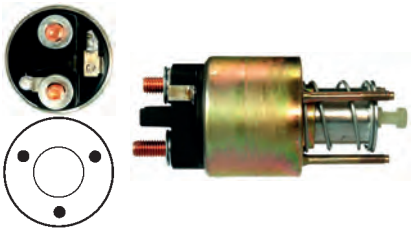
230807 Solenoid
 Manufacturer: Magneti Marelli
 Replacing: 85541860
 Servicing: 63102008, 63103002, 63103003, 63103007, 63103008, 63103022, 63103023, 63103025, 63222901, 63222908, 63223101
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 25.55, OD 54.00, OD/cover 47.50,
 Total length 123.00, Height/B+ 23.35,
 Width/kl. 50 10.00, Coil bolt M8,
 Coil bolt 2 9.50, No./terminals 3
 Cap: HC-CARGO 139602.



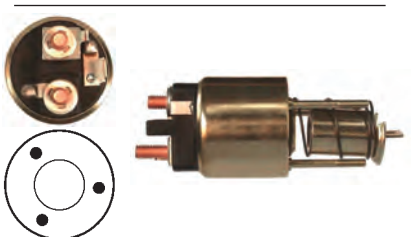
230808 Solenoid
 Replacing: 85541740
 Servicing: 63103026, 63111010, 63111016, 63111017, 63111036
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 25.70, OD 54.00, OD/cover 47.55,
 Total length 122.85, Height/B+ 23.30,
 Width/kl. 50 10.00, Coil bolt M8,
 Coil bolt 2 9.75, No./terminals 3
 Cap: HC-CARGO 139602.



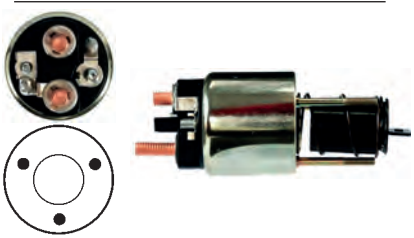
230809 Solenoid
 Replacing: 85541560, 85541400, 85541260, 85541010
 Servicing: 63101000, 63101002, 63101008, 63102003, 63102004, 63102007, 63103015, 63111005, 63222888, 63222889, 63222909, 63222936
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 25.75, OD 54.00, OD/cover 47.40,
 Total length 123.00, Height/B+ 23.45,
 Width/kl. 50 9.95, Coil bolt M8,
 Coil bolt 2 9.55, No./terminals 3
 Cap: HC-CARGO 139601.



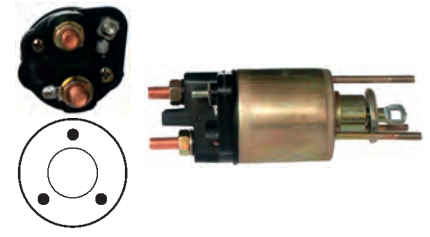
231479 Solenoid
 Replacing: 85541350
 Servicing: 63101007, 63191007, 63223085
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 25.65, OD 54.00, OD/cover 47.20,
 Total length 115.00, Height/B+ 14.85,
 Width/kl. 50 15.00, Coil bolt M8,
 Coil bolt 2 9.65, No./terminals 3
 Cap: HC-CARGO 233074.



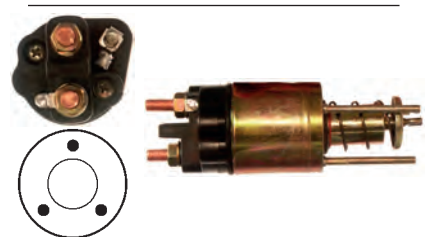
231806 Solenoid
 Replacing: 85541111, 85541110
 Servicing: 30000A, 30001A, 30002A, 30003A, 63223103, 63223104, 63223182, 63230001, 63230003, 63293103, 63293104
 12 V, B+ M8, Kl. 50 9.40,
 ID/cover 25.30, OD 54.00, OD/cover 47.00,
 Total length 121.00, Height/B+ 16.65,
 Width/kl. 50 17.25, Coil bolt M8,
 Coil bolt 2 10.65, No./terminals 3
 Cap: HC-CARGO 137346.



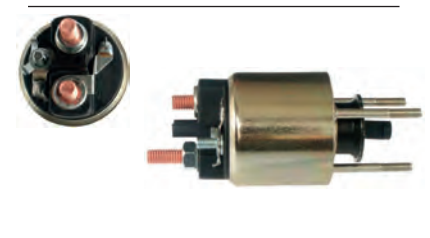
231990 Solenoid
 Servicing: 63111006, 63113001, 63193001, 63223537, 63280071, 63293537
 12 V, B+ M8, Kl. 30h M5, Kl. 50 M6,
 ID/cover 25.25, OD 54.00,
 OD/cover 47.85, Total length 126.45,
 Height/B+ 22.25, Width/kl. 30h 7.80,
 Width/kl. 50 9.50, Coil bolt M8,
 Coil bolt 2 9.85, No./terminals 4
 Cap: HC-CARGO 233968. w/ 30H terminal.



233815 Solenoid
 Replacing: 85540921
 Servicing: 63222836, 63222837, 63222897, 63223033
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 23.20, OD 52.25, OD/cover 50.45,
 Total length 148.30, Height/B+ 18.10,
 Width/kl. 50 8.00, Coil bolt M8,
 Coil bolt 2 23.00, No./terminals 3



234441[#] Solenoid
 Replacing: 85541002
 Servicing: 50246648, 63111000, 63223436, 63223531, 63223533, 63223539, 63223639
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 23.00, OD 51.90, OD/cover 50.85,
 Total length 152.80, Height/B+ 18.30,
 Width/kl. 50 7.85, Coil bolt M8,
 Coil bolt 2 22.35, No./terminals 3



234733 Solenoid
 Replacing: 85541770, 85541360
 Servicing: 063102018010, 063102021010, 63101000, 63101002, 63101008, 63101015, 63101018, 63101022, 63101023, 63102004, 63102007
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 25.00, OD 54.00, OD/cover 49.45,
 Total length 125.30, Height/B+ 22.90,
 Width/kl. 50 9.30, Coil bolt M8,
 Coil bolt 2 10.10, No./terminals 3
 Cap: HC-CARGO 139601.


235383 Solenoid

Servicing: 63114017, 63222005

12 V, 18/42 Amp, B+ M8, Kl. 30h M5, Kl. 50 M6, ID/cover 39.90, OD 54.00, OD/cover 52.30, Total length 125.90, Height/B+ 18.20, Width/kl. 30h 9.55, Width/kl. 50 9.15, Coil bolt M8, Coil bolt 2 9.55, No./terminals 4
 Cap: HC-CARGO 233968.


235771 Solenoid

Replacing: 85540891

Servicing: 63223034

12 V, B+ M8, Kl. 50 6.00, OD 52.90, OD/cover 49.70, Total length 136.50, Height/B+ 19.25, Coil bolt M8, Coil bolt 2 19.25, No./terminals 3


238841 Solenoid

Replacing: 85541990

Servicing: 63101021, 63102022, 63103031, 63114012

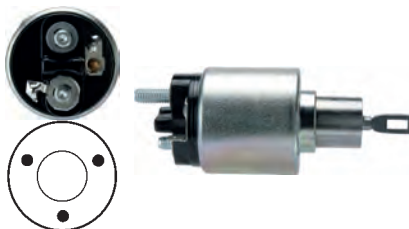
12 V, B+ M8, OD 54.05, Total length 129.00, Height/B+ 16.25, Coil bolt M8, Coil bolt 2 9.25, No./terminals 2


239075 Solenoid

Replacing: 85553402

Servicing: 63280091

12 V, B+ M8, Kl. 50 M5, OD 54.25, Total length 106.20, Height/B+ 18.30, Width/kl. 50 9.45, Coil bolt M8, Coil bolt 2 10.95, No./terminals 3

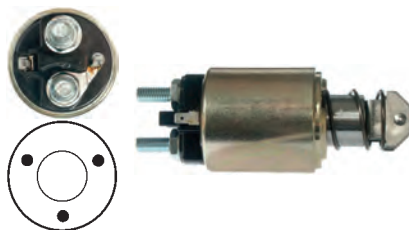

333147 Solenoid

Manufacturer: Bosch

Replacing: 82368225

12 V, B+ M8, Kl. 30h M8, Kl. 50 6.30, ID/cover 27.10, OD 56.35, OD/cover 49.35, Total length 140.80, Height/B+ 20.00, Width/kl. 30h 14.45, Width/kl. 50 12.50, Coil bolt M8, Coil bolt 2 12.60, No./terminals 3
 Cap: HC-CARGO 131315.

Alternative no.: 131143, 333665

24 V

131115 Solenoid

Replacing: IE39AAA, 85540211, 85540111, 79036685, 63633933, 63633925, 63633902, 63633901

Servicing: 63216703, 63216725, 63216726, 63216727, 63216731, 63216733, 63216738, 63216740, 63216741, 63216747, 63216748, 63216763

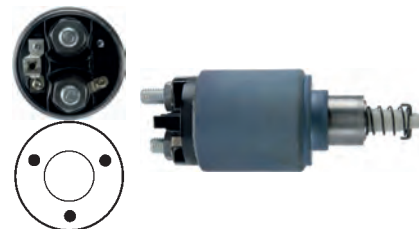
24 V, B+ M10, Kl. 50 6.30, ID/cover 30.00, OD 60.80, OD/cover 54.70, Total length 157.80, Height/B+ 20.35, Width/kl. 50 14.00, Coil bolt M10, Coil bolt 2 20.35, No./terminals 3
 Cap: HC-CARGO 131329. Moving Contact: HC-CARGO 132248.


132254 Solenoid

Replacing: 79033664

24 V, B+ M10, Kl. 50 4.70, ID/cover 29.80, OD 61.00, OD/cover 53.35, Total length 161.85, Height/B+ 21.90, Width/kl. 50 3.70, Coil bolt M10, Coil bolt 2 15.75, No./terminals 3
 Cap: HC-CARGO 131318.

Alternative no.: 333151


333151 Solenoid

Manufacturer: Bosch

Replacing: 79033664

24 V, B+ M10, Kl. 50 4.70, ID/cover 29.80, OD 61.00, OD/cover 53.35, Total length 161.85, Height/B+ 21.90, Width/kl. 50 3.70, Coil bolt M10, Coil bolt 2 15.75, No./terminals 3
 Cap: HC-CARGO 131318.

Alternative no.: 132254

Solenoid Parts
Solenoid Caps

131325 Solenoid Cap

Servicing: 63220701, 63220703, 63220721, 63220743, 63600400, E84-0.8/12V1, E84-0.8/12V3

OD 57.00, No./terminals 3
 HC-CARGO 130377.

Pkg. 5


131329 Solenoid Cap

Servicing: 63216703, 63216725, 63216726, 63216727, 63216731, 63216740, 63216741, 63216747, 63216748, 63216800, 63216815, 63216825

OD 58.25, No./terminals 3, Bracket type Crimp
 HC-CARGO 130829, 130830, 131112, 131115.



132138# Solenoid Cap
 Servicing: 63221401, 63221431, 85530000, 85540301
 OD 50.00, No./terminals 4
 HC-CARGO 132137.

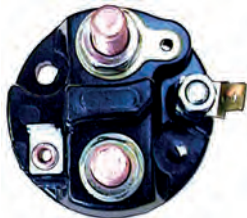


Pkg. 5

132229 Solenoid Cap
 Servicing: 50246416, 50246532, 63220505, 63220536, 63220537, 63220538, 63220700, 63220701, 63220703, 63220704, 63220705, 63220706
 OD 52.45, No./terminals 3
 HC-CARGO 131437, 132227, 132228, 133083, 133566, 139785, 139786, 230325.



132250 Solenoid Cap
 Servicing: 63221800, 63221830, 63221834, 63221890, 63601600, 85540071
 OD 49.80, No./terminals 3
 HC-CARGO 131589.



136055 Solenoid Cap
 Servicing: 63221300, 63221330, 63221535, 63601007, 85540461
 OD 50.50, No./terminals 4
 HC-CARGO 134862.



Pkg. 5

137346 Solenoid Cap
 Servicing: 30000A, 30001A, 30002A, 30003A, 63223085, 63223103, 63223104, 63223182, 63223303, 63230001, 85541110, 85541111
 OD 52.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 231806.



Pkg. 5

137347 Solenoid Cap
 Servicing: 85540981
 OD 52.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 137190.



139141 Solenoid Cap
 Servicing: 63216814, 63216876, 63216884, 63633604, 63633804, 85540031, MT68P, MT68PA, MT68PB, MT68R, MT68RA
 OD 58.80, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138753, 139849.

Pkg. 5



139601 Solenoid Cap
 Servicing: 063102018010, 063102021010, 63101000, 63101002, 63101008, 63101018, 63101022, 63101023, 63102003, 63102004, 63102007
 OD 52.20, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 230809, 234733.



Pkg. 5

139602 Solenoid Cap
 Servicing: 63102000, 63102008, 63103002, 63103003, 63103007, 63103022, 63111001, 63111007, 63111008, 63111010, 63111016, 63111017
 OD 51.75, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 137191, 138444, 138477, 230805, 230807, 230808.



231386 Solenoid Cap
 Servicing: 63223438, 85540901
 OD 51.50, No./terminals 3



231582 Solenoid Cap
 Servicing: 63222035, 63223433, 85540711
 OD 44.50, No./terminals 4
 w/ 30H terminal. HC-CARGO 136164, 231582.



231880 Solenoid Cap
 Servicing: 63223435, 63223532, 636019063, 636019066, 85541020
 OD 50.00, No./terminals 4
 w/ 30H terminal. HC-CARGO 137790.



231881 Solenoid Cap
 Servicing: 50246648, 63111000, 63223436,
 63223531, 63223639
 OD 49.70, No./terminals 3



232417 Solenoid Cap
 Servicing: 63222038, 63222131, 63222134,
 63222135, 63222204, 63222206, 63222836,
 63222837, 63222897, 85540922
 OD 50.70, No./terminals 4
 HC-CARGO 139104.

Pkg. 5



233074 Solenoid Cap
 Servicing: 63101007, 63191007, 85541350
 OD 52.65, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 231479.



233968 Solenoid Cap
 Servicing: 63111006, 63113001, 63114017,
 63193001, 63222005, 63223537, 63293537
 OD 52.30, No./terminals 4,
 Bracket type Crimp



234285# Solenoid Cap
 Replacing: 74883371
 Servicing: 63291405
 OD 49.65, No./terminals 3
 HC-CARGO 234284.

Moving Contacts

Pkg. 5



132139 Moving Contact
 Servicing: 85530000, 85540301
 Shaft measurement 30.50,
 Thickness 3.00, Width 30.00

Pkg. 5



132246 Moving Contact
 Servicing: 85530010, 85530220, 85530280,
 85530290, 85530330
 Shaft measurement 30.20,
 Thickness 2.45, Width 32.00
 Alternative no.: B132246

Pkg. 5



132248 Moving Contact
 Servicing: 63633801
 Shaft measurement 37.40, Thickness 3.90



Pkg. 5

132251 Moving Contact
 Servicing: 63601700, 85540371
 Length 28.30, Shaft measurement 26.48,
 Thickness 1.98, Width 32.00

Pkg. 5



137348 Moving Contact
 Servicing: 063102018010, 063102021010,
 63101000, 63101002, 63101008, 63101018,
 63101022, 63101023, 63102000, 63102003,
 63102004
 Length 26.50, Shaft measurement 24.30,
 Thickness 1.60, Width 12.50

Pkg. 5



231383 Moving Contact
 Servicing: 85540901
 Shaft measurement 29.15,
 Thickness 2.45, Width 38.00

Pkg. 5



233969 Moving Contact
 Servicing: 30000A, 30001A, 30002A,
 30003A, 63101007, 63101021, 63103008,
 63103019, 63103031, 63111001, 63111006,
 63111007
 Shaft measurement 24.90,
 Thickness 1.55, Width 26.10

Pkg. 5



234655 Contact Plate
Thickness 9.55, Width 24.00

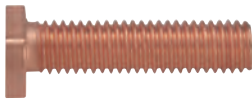
Pkg. 100



B132246 Moving Contact
Replacing: 132246
Servicing: 63220505
Shaft measurement 30.08, Thickness 2.46
Alternative no.: 132246

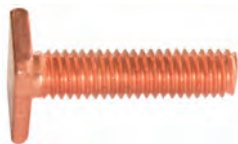
Fixed Contacts

Pkg. 10



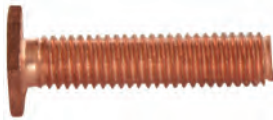
232418 Fixed Contact
Total length 35.30, Length/
rear collar 31.82, Thread length 26.82,
Thread size M8x1.25

Pkg. 5



234316 Fixed Contact
Total length 26.75, Thread size M6

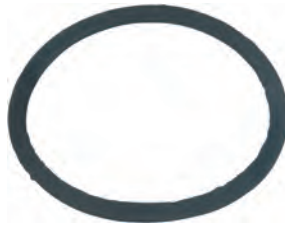
Pkg. 5



234317 Fixed Contact
Total length 37.00, Thread length 32.80,
Thread size M8

Various

Pkg. 10



138953 Gasket
ID 50.35, OD 57.00, Thickness 1.70,
Material Rubber

Pkg. 5



231863 Terminal 50
Servicing: 63111000, 63223039, 63223639,
63293039

Drives



130417 Drive
Replacing: 74372530, 72372530, 70616002
Servicing: 63211665, 63211669, 63213127,
63214349, 63214371, 63214376, 63216225,
63216233, 63216325, 63216333, MT43PA,
MT63BA
ID 14.70, OD 34.70, OD/housing 35.00,
Total length 120.00, Splines A 3,
No./teeth 9, Rotation CR



130437 Drive
Replacing: 74899601
Servicing: 63223800
ID 16.00, OD 35.00, OD/housing 60.00,
Total length 88.00, Splines A 3,
No./teeth 9, Rotation CR
Drive w/ 12 splines: HC-CARGO 134643.



130439 Drive
Replacing: 85540731, 74868891
Servicing: 63220409, 63220439, E76-0.5/12S-V9
ID 11.54, OD 25.20, OD/housing 40.35,
Total length 62.45, Splines A 6,
No./teeth 9, Rotation ACR



130452 Drive
Replacing: 85541490, 85541479, 85541454
Servicing: 63226604, 63227025, 63227408,
63227409, 63227415, 63227417, 63227425,
63227468, 63227470, 63227474, 63227478,
63227483
ID 17.00, OD 39.90, OD/housing 60.00,
Total length 73.00, Splines A 12,
No./teeth 10, Rotation CR
Alternative no.: 130452Z

Best Choice



130452Z Drive
Replacing: 85541490, 85541479, 85541454
ID 17.00, OD 39.50, OD/housing 60.00,
Total length 73.50, Splines A 12,
No./teeth 10, Drive type Steel, Rotation CR
Alternative no.: 130452



130735 Drive
 Replacing: 74867931
 Servicing: 63220400, 63220430
 ID 12.00, OD 26.85, OD/housing 40.40,
 Total length 63.75, Splines A 2,
 No./teeth 8, Rotation CR



130737 Drive
 Replacing: 85540811, 85540661, 85540311,
 74981251, 74886731, 74881251, 74876851,
 74861441, 74860391
 Servicing: 63220700, 63220701, 63220703,
 63220704, 63220705, 63220706, 63220721,
 63220724, 63220732, 63220734, 63220735,
 63220740
 ID 11.70, OD 25.55, OD/housing 43.70,
 Total length 71.15, Splines A 6,
 No./teeth 9, Rotation CR



130738 Drive
 Replacing: 85540271, 74874241, 74867401,
 74866611
 Servicing: 63222408, 63222430, 63222435,
 63222438, 63222439, 63222506, 63222531,
 63222532, 63222536, 63222730, 63222731,
 63222736
 ID 14.00, OD 29.15, OD/housing 46.20,
 Total length 68.00, Splines A 6,
 No./teeth 11, Rotation CR



130739 Drive
 Replacing: 74871431, 74827301
 Servicing: 63224170, 63224580, 63224600,
 63224602, M125M3-Z9(3/12)
 ID 17.00, OD 34.88, OD/housing 60.00,
 Total length 83.35, Splines A 6,
 No./teeth 9, Rotation CR



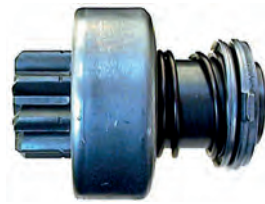
130740 Drive
 Replacing: 74870111
 Servicing: 63201000, 63201001, 63201002,
 63201003, 63201004, 63201005, 63201100,
 63201101, B76-0.5/12S
 ID 11.50, OD 25.30, OD/housing 41.30,
 Total length 65.00, Splines A 2,
 No./teeth 9, Rotation ACR



130749 Drive
 Replacing: 72138801
 Servicing: 63216733, 63216816, 63216833,
 63217117, 63217173, 63217182, 63217402,
 63217404, MT67BA, MT68BA, MT68R,
 MT71LA, MT71RA
 ID 14.35, OD 34.40, OD/housing 60.30,
 Total length 77.20, Splines A 6,
 No./teeth 9, Rotation CR



130946 Drive
 Replacing: 72399501, 72378801
 Servicing: 63216702, 63217107, 63217110,
 63217116, MT67B
 ID 14.30, OD 34.50, OD/housing 60.20,
 Total length 76.95, Splines A 6,
 No./teeth 9, Drive type Steel, Rotation CR



131109 Drive
 Replacing: 72363402, 72139001
 Servicing: 63216703, 63216725, 63216726,
 63216727, 63216740, 63216800, 63216825,
 63216826, 63216827, 63216852, 63216898,
 63217118
 ID 14.30, OD 34.55, OD/housing 59.70,
 Total length 77.20, Splines A 12,
 No./teeth 9, Rotation CR
 Drive w/ lever: HC-CARGO 234921, 234922.



131588 Drive
 Replacing: 85540081
 Servicing: 63221802, 63221830, 63221832
 ID 11.68, OD 25.60, OD/housing 43.70,
 Total length 63.95, Splines A 6,
 No./teeth 9, Rotation CR
 Drive: HC-CARGO 132119.



131715 Drive
 Replacing: 85540601, 74889271, 74886971
 Servicing: 63220506, 63220507, 63220536,
 63220537, 63220538
 ID 11.64, OD 25.60, OD/housing 43.80,
 Total length 68.56, Splines A 6,
 No./teeth 9, Rotation CR



131716 Drive
 Replacing: 85540611, 85540491, 74887061,
 74886131
 Servicing: 63220901, 63220931, 63221338,
 63221400, 63221401, 63221430, 63221431,
 63221538, 63221637
 ID 11.55, OD 29.30, OD/housing 46.40,
 Total length 71.00, Splines A 6,
 No./teeth 11, Rotation CR



131728 Drive
 Replacing: 85541541, 85541496
 Servicing: M45G, 63227419, 63227508,
 63227533, 63227543, 63227575, 63227586,
 63227601, 63227604
 ID 17.05, OD 39.85, OD/housing 59.95,
 Total length 100.20, Splines A 12,
 No./teeth 10, Rotation CR



131729 Drive
 Replacing: 85541538
 Servicing: M45G, 63227412, 63227416, 63227475, 63227491
 ID 17.05, OD 45.95, OD/housing 59.95, Total length 73.35, Splines A 12, No./teeth 13, Rotation CR



131747 Drive
 Replacing: 74350433, 74350413
 ID 14.50, OD 45.90, Total length 120.00, Splines A 3, No./teeth 13



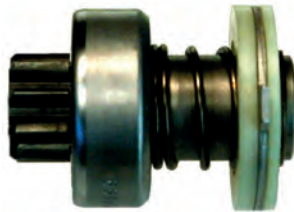
132075 Drive
 Replacing: 74866151
 Servicing: 63222300
 ID 14.00, OD 29.00, OD/housing 46.20, Total length 70.00, Splines A 6, No./teeth 9, Rotation CR



132119 Drive
 Replacing: 74893901
 Servicing: 50246532, 50246648, 63101003, 63221800, 63221830, 63221832, 63221834, 63221890, 63221892, 63222831, 63222836, 63222837
 ID 11.50, OD 25.20, OD/housing 44.45, Total length 64.00, Splines A 12, No./teeth 9, Rotation CR
 Drive w/ lever: HC-CARGO 134859, 230757.



132186 Drive
 Replacing: 85540651, 74885111
 Servicing: 63221304, 63221305, 63221306, 63221307, 63221437, 63221535
 ID 12.00, OD 25.50, OD/housing 45.00, Total length 69.50, Splines A 12, No./teeth 9, Rotation CR



132187 Drive
 Replacing: 85540481, 74895431, 74888761
 Servicing: 63223000, 63223203, 63223236, 63223237, 63223330, 63223332
 ID 12.00, OD 25.00, OD/housing 46.25, Total length 65.50, Splines A 10, No./teeth 9, Rotation CR



132188 Drive
 Replacing: 85540521, 74991161, 74898071, 74891161
 Servicing: 63221403, 63221404, 63221433, 63221434, 63221500, 63221530, 63221533, 63221539, 63221632, 63221636, 63221639, 63221731
 ID 11.60, OD 29.15, OD/housing 46.00, Total length 65.50, Splines A 10, No./teeth 11, Rotation CR



132285 Drive
 Replacing: 85541466, 85541462
 Servicing: M127/2.8 KW, 63227500, 63227528, 63227553, 63227554, 63227569
 ID 17.15, OD 39.00, OD/housing 60.00, Total length 70.40, Splines A 12, No./teeth 10, Drive type Steel, Rotation CR

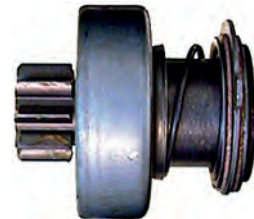


132293 Drive
 Replacing: 72139004
 Servicing: 63216815, 63216851, 63217403, MT68Q, MT68QA
 ID 14.15, OD 32.10, OD/housing 60.00, Total length 77.60, Splines A 6, No./teeth 8, Rotation CR



132586 Drive
 Replacing: 85541544, 85541488
 Servicing: M78, 63226601, 63226609, 63226626, 63226627, 63226678, 63226679, 63226680, 63226681, 63226689, 63226695, 63227004
 ID 12.00, OD 26.70, OD/housing 46.25, Total length 48.20, Splines A 9, No./teeth 10, Rotation CR

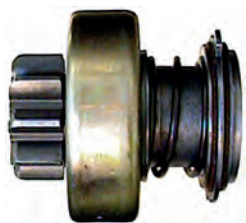
CAR GO Best Choice



132818 Drive
 Replacing: 85540451, 85540431, 74896591
 Servicing: 50246416, 63222000, 63222004, 63222030, 63222034, 63222038, 63222130, 63222134, 63222135, 63222138
 ID 11.60, OD 25.80, OD/housing 53.00, Total length 62.00, Splines A 10, No./teeth 9, Rotation CR
 Alternative no.: 132818Z



132818Z Drive
 Replacing: 85540451, 85540431, 74896591
 ID 12.00, OD 25.40, OD/housing 54.30, Total length 62.00, Splines A 10, No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 132818


132819 Drive

Replacing: 85540141

Servicing: 63222001, 63222031, 63222039, 63222136

ID 12.00, OD 34.75, OD/housing 53.00, Total length 62.00, Splines A 10, No./teeth 9, Rotation CR


132820 Drive

Replacing: 85540441, 74894681

Servicing: 63221801, 63221831, 63222036, 63222131, 63222133, 63222206

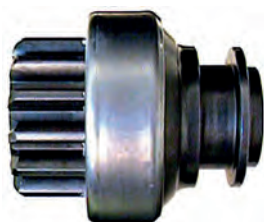
ID 12.00, OD 27.50, OD/housing 53.25, Total length 61.90, Splines A 10, No./teeth 10, Rotation CR


132821 Drive

Replacing: 85540191, 85540151, 72159801

Servicing: 63216731, 63216741, 63216818, 63216831, 63216852, 63216896, 63217126, 63217148, 63217154, 63217156, 63217158, 63217186

ID 14.30, OD 34.30, OD/housing 60.00, Total length 77.50, Splines A 6, No./teeth 9, Rotation CR


132852 Drive

Replacing: 85541459

Servicing: 3M127, 63227501, 63227567

ID 17.00, OD 45.75, OD/housing 60.00, Total length 71.00, Splines A 12, No./teeth 13, Rotation CR


133591 Drive

Replacing: 85541389

Servicing: M79, 63226921, 63226935, 63226936, 63226939, 63226942, 63226949

ID 12.00, OD 26.75, OD/housing 46.00, Total length 50.60, Splines A 9, No./teeth 10, Rotation CR


133683 Drive

Replacing: 85541470

Servicing: M127, 63227564, 63227576

ID 14.20, OD 31.90, OD/housing 60.00, Total length 100.35, Splines A 12, No./teeth 10, Rotation CR


133841 Drive

Replacing: 99339837

ID 11.50, OD 25.00, OD/housing 44.00, Total length 65.30, Splines A 12, No./teeth 9, Rotation ACR

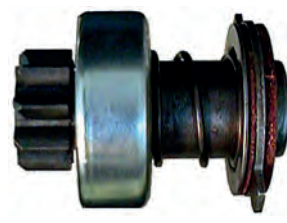
Alternative no.: 333855


133985 Drive

Replacing: 72139003

Servicing: 63217121, MT71Z

ID 14.30, OD 34.00, OD/housing 60.25, Total length 77.25, Splines A 12, No./teeth 9, Rotation CR w/ lever.


134018 Drive

Replacing: 85540291, 74898111, 74891391

Servicing: 63221405, 63221435, 63221536

ID 11.65, OD 29.55, OD/housing 47.65, Total length 65.75, Splines A 10, No./teeth 9, Rotation ACR


134364 Drive

Replacing: 85541040, 85540321

Servicing: 63223430, 63223431, 63223432, 63223436, 63223530, 63223531, 63223532, 63223533

ID 12.00, OD 29.00, OD/housing 46.25, Total length 52.35, Splines A 10, No./teeth 11, Rotation CR


134643 Drive

Replacing: 74703401

Servicing: 63223800, 63223802, 63223807, 63223830, 63223832

ID 16.00, OD 35.00, OD/housing 60.45, Total length 87.50, Splines A 6, No./teeth 9, Rotation CR Drive w/ 3 splines: HC-CARGO 130437.


134859 Drive

Replacing: 85540411, 83221541, 83221531

Servicing: 63222831, 63222832, 63222833, 63222836, 63222837, 63222838, 63222897, 63223031, 63223032, 63223033, 63223034, 63223035

ID 11.55, OD 25.30, OD/housing 43.40, Total length 64.00, Splines A 12, No./teeth 9, Rotation CR Drive: HC-CARGO 132119.



135117 Drive

Replacing: 85540681

Servicing: 63222035, 63222204, 63229035, 63292035

ID 12.00, OD 29.00, OD/housing 54.25, Total length 62.00, Splines A 10, No./teeth 9, Rotation CR



135463 Drive

Replacing: 85540861

Servicing: 63223434, 63223438, 63223494

ID 12.00, OD 25.60, OD/housing 47.65, Total length 52.55, Splines A 10, No./teeth 9, Rotation CR



135711 Drive

Replacing: 85541503, 85541303

Servicing: M79, 63226667, 63227043

ID 12.00, OD 28.00, OD/housing 46.25, Total length 48.15, Splines A 9, No./teeth 8, Rotation CR

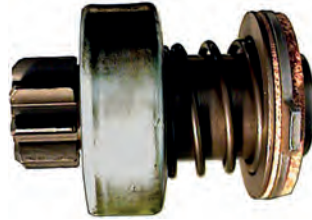


135717 Drive

Replacing: 85541780, 85540971

Servicing: 63101000, 63101002, 63101008, 63102003, 63102004, 63102007, 63102008, 63103002, 63103003, 63103008, 63103025, 63103026

ID 11.60, OD 25.80, OD/housing 46.00, Total length 64.00, Splines A 6, No./teeth 9, Rotation CR

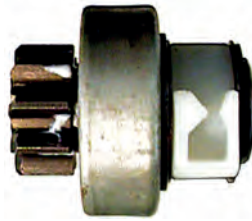


135762 Drive

Replacing: 85540121, 74891611

Servicing: 63221438, 63221630, 63221635

ID 12.00, OD 25.20, OD/housing 48.70, Total length 65.55, Splines A 10, No./teeth 9, Rotation CR



136257 Drive

Replacing: 85540881

Servicing: 63111000, 63223435, 63223533, 63223639

ID 12.00, OD 28.65, OD/housing 46.30, Total length 53.25, Splines A 10, No./teeth 9, Rotation CR
Drive w/ lever: HC-CARGO 138167.



136770 Drive

Replacing: 85541381

Servicing: M78R, 63226801

ID 12.00, OD 25.75, OD/housing 47.65, Total length 56.00, Splines A 9, No./teeth 9, Rotation CR



138167 Drive

Servicing: 63111000, 63223435, 63223639

ID 12.00, OD 28.70, OD/housing 47.00, Total length 52.55, Splines A 10, No./teeth 9, Rotation CR
Drive only: HC-CARGO 136257.



138533 Drive

Servicing: 63223039, 63293039

ID 11.60, OD 24.90, OD/housing 44.00, Total length 60.85, Splines A 12, No./teeth 9, Rotation CR
Alternative no.: 333856



138752 Drive

Replacing: 72138802

Servicing: 63216814, 63216876, 63216884, 63217138, MT68P, MT68PA, MT68PB, MT71FA

ID 14.35, OD 40.65, OD/housing 60.30, Total length 77.30, Splines A 6, No./teeth 11, Rotation CR
w/ lever.



138793 Drive

Servicing: 63111005, 63111006, 63111007, 63223537, 63223730, 63293537

ID 11.85, OD 28.25, OD/housing 48.00, Total length 50.50, Splines A 10, No./teeth 9, Rotation CR
Drive w/ lever: HC-CARGO 231216.

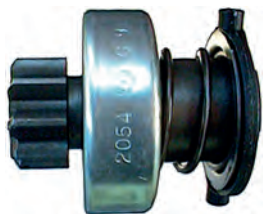


138865 Drive

Replacing: 85541100

Servicing: 30000A, 30001A, 30002A, 30003A, 63223103, 63223104, 63223182, 63230001, 63230003, 63293103, 63293104

ID 12.00, OD 25.60, OD/housing 41.30, Total length 84.75, Splines A 4, No./teeth 9, Rotation ACR



138985 Drive
 Replacing: 85541160
 Servicing: 63114008, 63114010
 ID 12.00, OD 29.00, OD/housing 53.70,
 Total length 64.00, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 138985Z



138985Z Drive
 Replacing: 85541160
 ID 12.00, OD 28.70, OD/housing 54.20,
 Total length 65.15, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 138985



139131 Drive
 Replacing: 79035321, 72392104, 72139002,
 72138902
 Servicing: 63216738, 63216747, 63216748,
 63216763, 63216859, 63216874, MT67DA,
 MT67DB, MT67FA, MT67FB, MT68MA, MT68MB
 ID 14.35, OD 34.70, OD/housing 60.25,
 Total length 106.30, Splines A 6,
 No./teeth 9, Rotation CR
 w/ lever.



139655 Drive
 Replacing: 85541870, 85541280
 Servicing: 063102018010, 063102021010,
 63101015, 63101018, 63101021, 63101022,
 63101023, 63102020, 63103007, 63103008, 63103015
 ID 11.45, OD 23.50, OD/housing 44.00,
 Total length 64.00, Splines A 12,
 No./teeth 8, Rotation CR
 Drive w/ lever: HC-CARGO 230804.



139710 Drive
 Replacing: 54294817
 Servicing: 63223538, 63293538
 ID 12.00, OD 54.00, OD/housing 48.20,
 Total length 51.35, Splines A 10,
 No./teeth 23, Rotation CR
 Alternative no.: 139710Z



139710Z Drive
 Replacing: 54294817
 ID 12.00, OD 54.00, OD/housing 48.20,
 Total length 51.35, Splines A 10,
 No./teeth 23, Rotation CR
 Alternative no.: 139710



139848 Drive
 Replacing: 72399502
 Servicing: 63216814, 63217106, MT68P,
 MT71F
 ID 14.45, OD 40.60, OD/housing 60.00,
 Total length 77.55, Splines A 12,
 No./teeth 11, Drive type Steel, Rotation CR



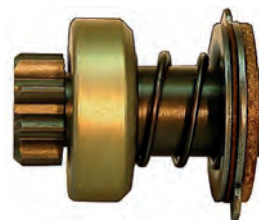
139900 Drive
 Replacing: 85540831
 Servicing: 63223433
 ID 12.00, OD 27.50, OD/housing 47.60,
 Total length 53.15, Splines A 10,
 No./teeth 10, Rotation CR



139901 Drive
 Replacing: 85541690, 85541680, 85541250
 Servicing: 63111008, 63111009, 63111018,
 63111027, 63111037, 63112003, 63113003,
 63113004, 63223536
 ID 12.00, OD 29.75, OD/housing 47.55,
 Total length 50.20, Splines A 10,
 No./teeth 11, Rotation CR



139902 Drive
 Replacing: 85541700, 83226569
 Servicing: 63114014
 ID 12.00, OD 34.25, OD/housing 60.00,
 Total length 64.65, Splines A 10,
 No./teeth 9, Rotation CR



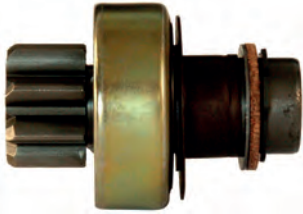
230025 Drive
 Replacing: 85540401
 Servicing: 63223209, 63223239
 ID 12.00, OD 29.50, OD/housing 47.60,
 Total length 64.90, Splines A 10,
 No./teeth 9, Rotation CR



230757 Drive
 Replacing: 85540381
 Servicing: 50246532, 63101003, 63221800,
 63221834, 63221890, 63221892, 63223031,
 63223033
 ID 11.60, OD 25.30, OD/housing 43.45,
 Total length 64.10, Splines A 12,
 No./teeth 9, Rotation CR
 Drive: HC-CARGO 132119.



231330 Drive
 ID 14.00, OD 34.35, OD/housing 60.00,
 Total length 77.25, Splines A 6,
 No./teeth 9, Rotation CR



231414 Drive
 Replacing: 85541220
 Servicing: 63102000, 63102000A, 63103019,
 63192000, 63223106
 ID 11.65, OD 27.80, OD/housing 45.00,
 Total length 63.30, Splines A 12,
 No./teeth 8, Rotation CR



231478 Drive
 Replacing: 85541390
 Servicing: 63101007, 63191007
 ID 11.00, OD 25.40, OD/housing 45.25,
 Total length 57.50, Splines A 12,
 No./teeth 9, Rotation CR



231899 Drive
 Replacing: 85541300, 83226407
 Servicing: 63113001, 63113002, 63193001
 ID 12.00, OD 35.00, OD/housing 47.00,
 Total length 50.50, Splines A 10,
 No./teeth 11, Rotation CR
 Alternative no.: 333868



233331 Drive
 Replacing: 54294771
 Servicing: 63111001, 63191001, 63223534
 ID 12.00, OD 27.95, OD/housing 48.00,
 Total length 65.75, Splines A 10,
 No./teeth 8, Rotation CR



233945 Drive
 Replacing: 85541180
 Servicing: 63223304
 ID 12.00, OD 26.45, OD/housing 45.00,
 Total length 80.00, Splines A 12,
 No./teeth 9, Rotation ACR



233946 Drive
 Replacing: 85541810, 85541750
 Servicing: 63111010, 63111016, 63111017,
 63111036
 ID 12.00, OD 25.40, OD/housing 47.00,
 Total length 48.45, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333881



234921 Drive
 Replacing: 72397101
 Servicing: 63216703, 63216725, 63216726,
 63216727, 63216801, 63216808, 63216826,
 63216873, 63217104, 63217105, MT67A,
 MT67AA
 ID 14.20, OD 34.50, OD/housing 60.20,
 Total length 77.15, Splines A 6,
 No./teeth 9
 w/ lever. Drive only: HC-CARGO 131109.



234922 Drive
 Replacing: 72139007
 Servicing: 63216727, 63216740, 63216827,
 63216898, 63217118, 63217119, 63217147,
 MT67AC, MT67CA, MT68AC, MT68LB,
 MT71DA, MT71U
 ID 14.20, OD 34.45, OD/housing 60.20,
 Total length 77.35, Splines A 6,
 No./teeth 9
 w/ lever. Drive only: HC-CARGO 131109.



235427 Drive
 Replacing: 54295253
 Servicing: 63226688, 63227041
 OD 43.00, OD/housing 27.00,
 Total length 48.00, Splines A 9,
 No./teeth 10, Rotation ACR



235428 Drive
 Replacing: 85541370
 Servicing: 26950, 63226849, 63226950
 ID 12.10, OD 36.00, OD/housing 86.00,
 Total length 52.00, Splines A 9,
 No./teeth 11, Rotation ACR



235663 Drive
 Servicing: 63280040, 63280041
 ID 28.50, OD 40.63, OD/housing 60.10,
 Total length 73.14, Splines A 10,
 No./teeth 10, Rotation CR
 Alternative no.: 333865



238793 Drive
 Servicing: 63114017, 63222005
 ID 12.00, OD 28.77, OD/housing 59.19,
 Total length 64.01, Splines A 10,
 No./teeth 9, Rotation CR



239080 Drive
 Replacing: 85553621
 Servicing: 63280091
 ID 11.00, OD 30.00, OD/housing 44.82,
 Total length 43.23, Splines A 10,
 No./teeth 11, Rotation CR



332145 Drive
 Servicing: 063280071010
 ID 12.00, OD 34.89, OD/housing 49.50,
 Total length 50.47, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation CR



333125 Drive
 Replacing: 74869711
 Servicing: 63220107, 63220108, 63220137,
 63220138
 ID 11.55, OD 25.25, OD/housing 40.50,
 Total length 62.60, Splines A 2,
 No./teeth 9, Drive type Steel, Rotation ACR



333855 Drive
 Replacing: 99339837
 ID 11.50, OD 25.00, OD/housing 39.00,
 Total length 65.30, Splines A 6,
 No./teeth 9, Drive type Steel, Rotation ACR
 Alternative no.: 133841



333865 Drive
 ID 12.00, OD 40.63, OD/housing 60.10,
 Total length 73.14, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 235663



333868 Drive
 Replacing: 85541300
 Servicing: 63113001, 63193001
 ID 12.00, OD 35.00, OD/housing 48.00,
 Total length 50.50, Splines A 10,
 No./teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 231899



333881 Drive
 Replacing: 85541810, 85541750
 Servicing: 63111010, 63111016, 63111017,
 63111036
 ID 12.00, OD 25.40, OD/housing 47.00,
 Total length 48.45, No./teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 233946



333991 Drive
 Servicing: 63217180, 63217425, MT74AA
 ID 14.30, OD 34.60, OD/housing 60.20,
 Total length 77.75, Splines A 6,
 No./teeth 9, Drive type Steel, Rotation ACR

Drive Parts

Caps

Pkg. 25



134203 Dp Cap
 ID 48.05, OD 49.70

Pkg. 10



230082 Dp Cap
 ID 61.00, OD 62.75

Pkg. 10



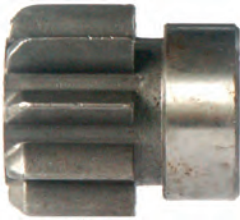
237957 Dp Cap
 Servicing: 85541300
 ID 48.00, OD 49.75

Gears



134196 Dp Gear
ID 11.60, OD 25.30, Height 27.30,
No./teeth 9

Pkg. 10



134197[#] Dp Gear
ID 11.65, OD 25.30, Height 27.85,
No./teeth 9

Pkg. 10

Rollers



134217 Dp Rollers
OD 8.00, Length 18.00

Pkg. 100



134243 Dp Rollers
OD 6.00, Length 8.55

Pkg. 500



134246 Dp Rollers
OD 8.00, Length 13.90

Pkg. 500

Pkg. 100



134821 Dp Rollers
OD 4.00, Length 7.95

Pkg. 100



135189 Dp Rollers
OD 5.55, Length 10.75

Pkg. 100



230480 Dp Rollers
OD 7.90, Length 13.80

Pkg. 500

Springs



134221 Dp Springs
OD 5.85, Length 9.10

Pkg. 100



134822 Dp Springs
OD 3.20, Length 9.50

Pkg. 100



135190 Dp Springs
OD 4.00, Length 10.40

Washers



230286[#] DP Washer
ID 30.65, OD 56.35, Thickness 5.90,
Material Plastic

Pkg. 5

Dp Caps



231609 Dp Cap
ID 59.31, OD 61.15

Pkg. 10

Planet Gears



135712 Planet Gear
Replacing: 85540822, 85540821
Servicing: 63111000, 63223430, 63223431,
63223432, 63223433, 63223434, 63223435,
63223436, 63223438, 63223494, 63223530,
63223531

Shaft dia./middle 11.90,
Total length 127.25, No./splines 10



138791# Planet Gear

Replacing: 85541290, 85541240

Servicing: 63111005, 63111006, 63111007, 63111008, 63111009, 63111018, 63111023, 63111027, 63111037, 63111043, 63112003, 63113001

Shaft dia./middle 11.97,
Total length 120.35, No./splines 10,
Rotation CR

Gear Parts

Gear Shafts



230823 Gear Shaft

Servicing: 63114008, 63114010, 63114014, 63114017, 63222005

OD/shaft 15.00, Total length 120.00,
No./splines 10



235730 Gear Shaft

Servicing: 63280040, 63280041

OD/shaft 11.95, Total length 142.90,
No./splines 10

Outer Gear



139628 Gear Housing

Replacing: 83227000

Servicing: 63114014, 63114017, 63222005
OD 90.00



232912 Outer Gear

Servicing: 63223538

ID 51.50, OD 61.80, Height 25.35,
No./teeth 59



235308 Gear Cover

Servicing: 63111001, 63111005, 63111006, 63111007, 63111008, 63111018, 63111037, 63112003, 63113001, 63113002, 63191001, 63193001

ID 67.09, OD 70.34

Gear Wheels



230285 Gear Wheel

Servicing: 85540822

ID 6.00, OD 19.00, Height 8.40,
No./teeth 13



233124 Gear Wheel

Servicing: 63223538

ID 9.97, OD 21.42, Height 5.58,
No./teeth 22
Bushing: 6.00x9.97x7.90 mm.

Pkg. 5

Pkg. 3

Pkg. 10



233462 Gear Wheel

Servicing: 63111000, 63223431, 63223432, 63223435, 63223436, 63223438, 63223530, 63223531, 63223532, 63223639

ID 46.70, OD 58.70, Height 13.85,
No./teeth 37

Gear Plates



139650# Gear Plate

Servicing: 85540821

ID 19.20, OD 55.60

Pkg. 5



234571 Gear Plate

Servicing: 63111001, 63111005, 63111006, 63111007, 63111008, 63111010, 63111016, 63111018, 63111036, 63111037, 63112003, 63113001

ID 19.00, OD 66.75, Thickness 5.25,
Gasket w/o

Levers



131784 Lever

Replacing: 74881280

Servicing: 63221300, 63221302, 63221303, 63221304, 63221305, 63221306, 63221307, 63221308, 63221309, 63221330, 63221332, 63221333

Dist. 45.60, ID 7.10, Length 98.00



132202 Lever
 Replacing: 74869941
 Servicing: 63201000, 63201002, 63201004, 63201005, 63201100, 63270201, 63270202, 63270205, 63270206, 63270221, 63270223, 63270224
 Dist. 41.35, ID 8.00, Length 124.70

Pkg. 5



135335 Lever
 Servicing: 63216725, 63216726, 63216727, 63216731, 63216740, 63216741, 63216747, 63216748, 63216800, 63216815, 63216825, 63216826
 Dist. 45.50, ID 8.00, Length 110.30



139133 Lever
 Replacing: 74886560
 Servicing: 63220506, 63220535, 63220536, 63220537, 63220538
 Dist. 41.50, ID 7.15, Length 89.60

Lever Parts

Various

Pkg. 5



230420 Lever Support
 Servicing: 85541160
 ID 37.55, OD 45.90, Height 3.45

Clutches



130328 Clutch
 Replacing: 74350265, 72294601
 Servicing: 63211627, 63211665, 63211669, 63213127, 63213853, 63213855, 63214349, 63214371, 63214376, 63216225, 63216233, 63216325

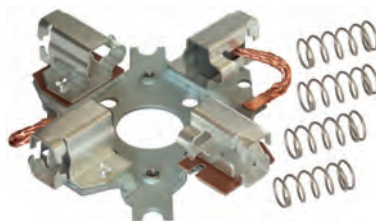
Brush Gears



131184 Brush Gear
 Replacing: 79026095
 OD 86.25
 Neg. brushes. Brush set: HC-CARGO BSX974.



132303 Brush Gear
 Replacing: 79033957
 12 V, OD 86.25
 Neg. brushes. Brush set: HC-CARGO BSX134-1444.



132304 Brush Gear
 Replacing: 79044568
 OD 86.70
 Neg. brushes. Brush set: HC-CARGO BSX1164.



134041 Brush Gear
 Replacing: 72164701
 Servicing: 63216817, 63216818, 63216831, 63216852, 63216884, 63216896, MT68AD, MT68LC, MT68PB, MT68RA, MT68T
 OD 93.85
 Brush set: HC-CARGO MASX15-164. Spring: HC-CARGO 234678.



134291 Brush Gear
 Manufacturer: Magneti Marelli
 Replacing: 74891101, 74883521, 74881151
 Servicing: 63221300, 63221302, 63221303, 63221330, 63221332, 63221333, 63221334, 63221335, 63221338, 63221400, 63221401, 63221403
 OD 89.75
 Neg. brushes. Brush set: HC-CARGO JSX21-224.



134670 Brush Gear
 Replacing: 72165001
 Servicing: 63216731, 63216741, MT67AA, MT67AD, MT67CB
 OD 91.55
 Neg. brushes. Brush set: HC-CARGO MASX21-224.



134681 Brush Gear
 Replacing: 72366601
 Servicing: 63216800, 63216808, 63216814, 63216815, 63216816, 63216825, 63216826, 63216827, 63216833, 63216851, 63216852, 63216859
 OD 48.50



135242 Brush Gear
 Manufacturer: Magneti Marelli
 Replacing: 72164102
 Servicing: 63217226, MT72AB
 24 V, OD 92.30
 Neg. brushes. Brush set: HC-CARGO MASX27-284.



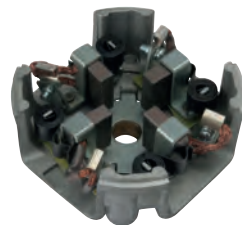
135565 Brush Gear
 Replacing: 83227260, 83227226, 83227131, 83226683, 83222681, 83220461
 Servicing: 30002A, 30003A, 63111000, 63111001, 63111005, 63111006, 63111007, 63111008, 63111009, 63111010, 63111016, 63111017
 OD 61.25
 Brush set: HC-CARGO JSX33-344. Spring: HC-CARGO 138639.



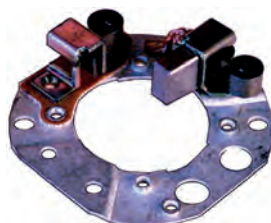
135604 Brush Gear
 Replacing: 72164101, 135604
 Servicing: 63217126, 63217148, 63217154, 63217156, 63217158, 63217163, 63217180, 63217186, 63217188, 63217407, 63217408, 63217410
 12 V, OD 90.00
 Neg. brushes. Brush set: HC-CARGO MASX25-264.



136204 Brush Gear
 Replacing: 83226216, 83225359, 83224461, 83221241
 Servicing: 30002A, 30003A, 50246532, 50246648, 63101000, 63102000, 63102000A, 63102003, 63102004, 63102007, 63102008, 63103002
 OD 67.00
 Neg. brushes. Brush set: HC-CARGO JSX35-374.



136734 Brush Gear
 Replacing: 72362601
 Servicing: 63216701, 63216702, 63216703, 63216704, 63216706, 63216707, 63216710, 63216725, 63216726, 63216727, 63216733, 63216738
 24 V



138534 Brush Gear
 Replacing: 83225326
 Servicing: 30000A, 30001A, 63101000, 63101002, 63101008, 63201008, 63222888, 63222889, 63222897, 63222905, 63222908, 63222909
 12 V, OD 67.20
 Neg. brushes. Brush set: HC-CARGO JSX38-412.



138535 Brush Gear
 Replacing: 83225886
 Servicing: 30000A, 30001A, 63103019, 63103022, 63103023, 63103024, 63103025, 63103026, 63223039, 63223104, 63223304, 63230001
 12 V, OD 67.15
 Neg. brushes. Brush set: HC-CARGO JSX43-45-574.



138537 Brush Gear
 Replacing: 85540691, 85540341
 Servicing: 63114008, 63114010, 63221801, 63221831, 63222000, 63222001, 63222030, 63222031, 63222034, 63222035, 63222036, 63222038
 12 V, OD 74.00
 2.2 kW. Neg. brushes. Brush set: HC-CARGO JSX31-32.



138538 Brush Gear
 Replacing: 85540351
 Servicing: 63101003, 63221800, 63221830, 63221832, 63221834, 63221890, 63221892
 12 V, OD 73.65
 Neg. brushes. Brush set: HC-CARGO JSX21-22.



139627 Brush Gear
 Replacing: 83226336
 Servicing: 63114014, 63114017, 63222005, 63280040
 12 V, OD 69.50
 2.6 kW. Neg. brushes. Brush set: HC-CARGO JSX31-32.

Brush Gear Parts

Brush Holders

Pkg. 10



134115 Brush Gear
 Replacing: 74893830
 Servicing: 63101003, 63221800, 63221830, 63221831, 63221832, 63221834, 63221890, 63221892

Pkg. 10



134798 Brush Gear
 Replacing: 74894441
 Servicing: 50246416, 63114008, 63114010, 63221801, 63221831, 63222000, 63222001, 63222030, 63222031, 63222034, 63222035, 63222036

Brush Springs

Pkg. 10



135768 Brush Spring

Replacing: 72364310

Servicing: 63201004, 63216741, 63217126, 63217147, 63217201, 63217225, 63217226, MT67CB, MT71A, MT71AA, MT71AB, MT71D, MT71DA

OD 16.15, Length 29.35

Pkg. 10



135769 Brush Spring

Replacing: 74703210

Servicing: 63201000, 63201004, 63201005, 63201100, 63220536, 63220537, 63220701, 63220703, 63220704, 63220706, 63220721, 63220724

OD 14.00, Length 29.30

Pkg. 10



135770 Brush Spring

Replacing: 72363110

Servicing: 63216725, 63216726, 63216727, 63216731, 63216740, 63216747, 63216748, 63216800, 63216814, 63216815, 63216825, 63216826

OD 15.65, Length 30.75

Pkg. 10



138639 Brush Spring

Replacing: 83221220, 138639

Servicing: 30000A, 30001A, 30002A, 30003A, 50246532, 50246648, 63101002, 63101008, 63102000, 63102000A, 63102003, 63102007

OD 11.90, Length 22.30

Pkg. 10



234678 Brush Spring

Servicing: 63216731, 63216741, 63216831, 63216884, MT67AA, MT67AD, MT67CB, MT68AD, MT68LC, MT68PB, MT68RA

OD 15.50, Length 28.10

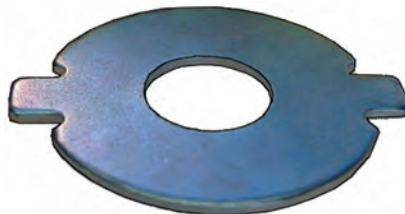
Various

Pkg. 25



133967 Insulator

Pkg. 5



139838# Washer

Servicing: 63217105, 63217118

ID 16.00, OD 42.75, Thickness 1.00, Material Steel

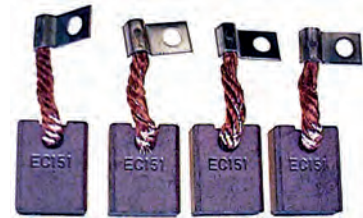
Brush Sets



141094 Brush Set

Servicing: E80SL, 63101007, 63191007

12 V, Length 17.00, Lead length 27.00, Height 8.00, Thickness 7.00



JSX134 Brush Set

Replacing: 74874701, 74866041

Servicing: E100

12 V, Length 20.00, Lead length 33.50, Height 16.00, Thickness 7.00

Alternative no.: JS13



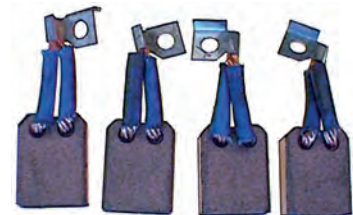
JSX162 Brush Set

Replacing: 74868181, 74861781

Servicing: E84, 63220700, 63220732, 63220735, 63220740, 63220741, 63220743, 63220744, 63220746, 63220830, 63220833, 63220834

12 V, Length 19.00, Lead length 31.00, Height 17.00, Thickness 8.00

Alternative no.: JS16



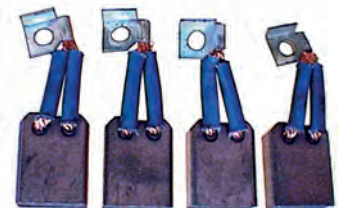
JSX184 Brush Set

Replacing: 74838701

Servicing: 63224580

24 V, Length 28.00, Lead length 36.00, Height 22.00, Thickness 10.00

M125-4/24.



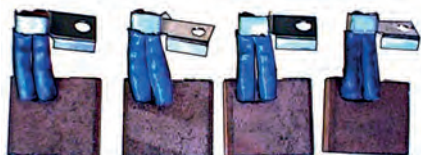
JSX194 Brush Set

Replacing: 74846001

Servicing: 63224600, 63224602, 63224691, M125M3-Z9(3/12)

12 V, Length 28.00, Lead length 27.49, Height 22.00, Thickness 10.00

M125-3/12.


JSX204 Brush Set

Replacing: 74734101

Servicing: 63224301, 63224302, 63224398, 63225301, 63225303, 63225391, 63225398, 63226300, 63226302, 63226391

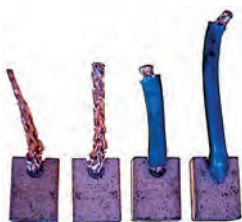
 24 V, Length 30.00, Lead length 34.50, Height 35.00, Thickness 11.50
 M130-7/24.

JSX21-22 Brush Set

Replacing: 74881121, 74880941

Servicing: E95, 63221633

12 V, Length 17.50, Lead length 186.00, Lead length 2 41.00, Height 13.00, Thickness 6.00


JSX23-24-28 Brush Set

Replacing: 74891260, 74887911, 74887901

Servicing: E100, 63223203, 63223230, 63223235, 63223236, 63223237, 63223330, 63223332

12 V, Length 20.00, Lead length 57.50, Lead length 2 36.00, Height 15.50, Thickness 7.00


JSX29-302 Brush Set

Replacing: 74893811, 74893801

Servicing: E95C

12 V, Length 17.50, Lead length 48.82, Height 13.00, Thickness 6.00


JSX31-32 Brush Set

Replacing: 7489439/1, 7489438/1

Servicing: E95R, 50246416, 63114008, 63114010, 63221801, 63221831, 63222000, 63222001, 63222030, 63222031, 63222034, 63222035

12 V, Length 18.00, Lead length 39.63, Lead length 2 138.14, Height 19.00, Thickness 8.00


JSX33-344 Brush Set

Replacing: 83227258, 83227257

Servicing: E70R, 63111000, 63111001, 63111005, 63111006, 63111007, 63111008, 63111010, 63111016, 63111017, 63111018, 63111023

12 V, Length 16.34, Lead length 34.00, Height 14.85, Thickness 5.90

Alternative no.: JS33, JS34


JSX35-364 Brush Set

Replacing: 93221201, 83221191

Servicing: E80, 50246532, 50246648, 63223031, 63223033, 63223034, 63223035, 63223304

12 V, Length 17.50, Lead length 34.00, Lead length 2 28.50, Height 13.00, Thickness 7.00


JSX35-374 Brush Set

Replacing: 83221681

Servicing: E80E, 63222831, 63222836, 63222837, 63223034

12 V, Length 17.50, Lead length 116.00, Lead length 2 28.00, Height 13.00, Thickness 7.00


JSX38-39-403 Brush Set

Replacing: 83227491, 83227490, 83224481

Servicing: E80E, 30002A, 30003A, 63101000, 63102000, 63102000A, 63102003, 63102004, 63102007, 63102008, 63103002, 63192000

12 V, Length 17.50, Lead length 37.00, Lead length 2 29.00/26.00, Height 13.00, Thickness 7.00


JSX38-412 Brush Set

Replacing: 83225266

Servicing: E80E, 30000A, 30001A, 63101002, 63101008, 63222888, 63222889, 63222897, 63222905, 63222908, 63222909, 63222936

12 V, Length 17.50, Lead length 28.00, Height 13.00, Thickness 7.00


JSX40-46-474 Brush Set

Replacing: 83226189, 83226148

Servicing: E80E, 63103003, 63103007, 63103008, 63103015, 63103019, 63103022, 63103031, 63223182

12 V, Length 17.50, Lead length 66.00, Lead length 2 28.00, Height 13.00, Thickness 7.00


JSX43-45-444 Brush Set

Replacing: 83225824, 83225823, 83225822

Servicing: E80E, 63223039, 63293039

12 V, Length 19.50, Lead length 65.00, Lead length 2 28.00, Height 13.00, Thickness 7.00


JSX51-52-593 Brush Set

Replacing: 83227370, 83227364

Servicing: E80F, 063102018010, 063102021010, 63102020, 63102022, 63103024

12 V, Length 19.50, Lead length 36.00, Lead length 2 29.00, Height 8.00, Thickness 7.00


JSX51-52-634 Brush Set

Replacing: 83227357

Servicing: E80F

12 V, Length 19.50, Lead length 81.00, Lead length 2 28.00, Height 8.00, Thickness 7.00


JSX51-522 Brush Set

Replacing: 83227362

Servicing: E80F, 63101015, 63101018, 63101021, 63101022, 63101023

12 V, Length 19.50, Lead length 26.00, Height 8.00, Thickness 7.00


JSX52 Brush Set

Replacing: 83226920, 83226919, 74868171

Servicing: 63201000, 63201001, 63201002, 63201003, 63201004, 63201005, 63201101, 63220107, 63220108, 63220137, 63220138, 63220232

12 V, Length 17.00, Lead length 24.50, Height 16.00, Thickness 6.00

Alternative no.: JS5


JSX53-54 Brush Set

Servicing: E95RL, 63114014, 63114017, 63222005

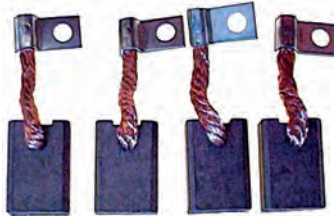
12 V, Length 20.00, Lead length 33.65, Lead length 2 162.46, Height 19.00, Thickness 8.00


JSX61-62-634 Brush Set

Replacing: 83227652, 83227584, 83227383

Servicing: D80F

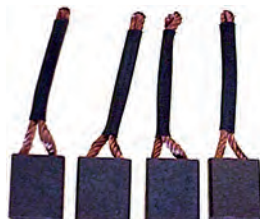
12 V, Length 19.50, Lead length 81.00, Lead length 2 28.00, Height 8.00, Thickness 7.00


JSX94 Brush Set

Replacing: 74702610

Servicing: E115-3/24, 63223800, 63223802, 63223807, 63223830, 63223832

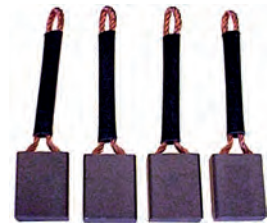
24 V, Length 20.00, Lead length 32.61, Height 14.00, Thickness 6.50


LASX314 Brush Set

Replacing: 85541476

Servicing: M50, 63227569

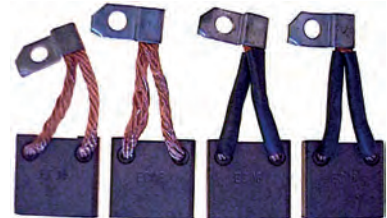
12 V, Length 22.20, Lead length 63.00, Height 19.00, Thickness 7.90


LASX364 Brush Set

Replacing: 85541333

Servicing: M50, M127, 63227570, 63227592, 63227606

12 V, Length 26.00, Lead length 67.50, Height 20.00, Thickness 9.00


MASX13-144 Brush Set

Replacing: 72363202, 72363201/02, 72363201

Servicing: MT67, 63216701, 63216702, 63216703, 63216704, 63216706, 63216707, 63216710, 63216725, 63216726, 63216727, 63216733

24 V, Length 23.00, Lead length 44.00, Height 25.00, Thickness 8.00


MASX15-164 Brush Set

Replacing: 72363207, 72363205/06, 72363203/04

Servicing: MT68, 63216800, 63216814, 63216815, 63216825, 63216826, 63216827, 63216851, 63216874, 63216876, 63216884, MT62BA, MT68A

12 V, Length 23.00, Lead length 42.00, Height 25.00, Thickness 10.00


MASX17-184 Brush Set

Replacing: 72383701/02

Servicing: MT71, MT71Z

12 V, Length 23.00, Lead length 42.00, Height 16.00, Thickness 9.00



MASX19-204 Brush Set

Replacing: 72383705/06, 72383703/04
 Servicing: MT72, 63217201, 63217225, MT72A, MT72AA
 24 V, Length 23.00, Lead length 43.00, Height 16.00, Thickness 9.00



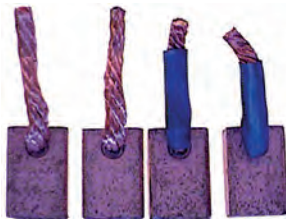
MASX21-224 Brush Set

Replacing: 72162402, 72162401
 Servicing: MT67, 63216725, 63216726, 63216727, 63216731, 63216740, 63216741, MT67A, MT67AA, MT67AB, MT67AD, MT67CA, MT67CB
 Length 23.00, Lead length 36.00, Height 25.00, Thickness 8.00



MASX23-244 Brush Set

Replacing: 72162404, 72162403
 Servicing: MT68, 63216815, 63216817, 63216818, 63216831, 63216851, 63216852, 63216861, 63216876, 63216884, 63216896, MT68AD
 12 V, Length 23.00, Lead length 35.00, Height 25.00, Thickness 10.00



MASX25-264 Brush Set

Replacing: 72161302, 72161301
 Servicing: MT71, 63217126, 63217147, MT71A, MT71AA, MT71AB, MT71D, MT71DA, MT71DB, MT71E, MT71T, MT71TA, MT71Z, MT74L
 12 V, Length 23.00, Lead length 37.00, Height 16.00, Thickness 9.00



MASX27-284 Brush Set

Replacing: 72161304, 72161303
 Servicing: MT72, 63217201, 63217225, 63217226, MT72A, MT72AA, MT72AB
 24 V, Length 23.00, Lead length 36.50, Height 16.00, Thickness 9.00

Brushes



JS13 Brush

Replacing: JSX134
 12 V, Length 19.80, Lead length 32.20, Height 15.88, Thickness 6.93
 Alternative no.: JSX134



JS13/0 Brush

Replacing: JSX134
 12 V, Length 19.74, Lead length 32.25, Height 15.85, Thickness 6.95



JS16 Brush

Replacing: JSX162
 12 V, Length 18.75, Lead length 31.60, Height 16.90, Thickness 7.95
 Alternative no.: JSX162



JS16/0 Brush

Replacing: JSX162
 12 V, Length 18.95, Lead length 31.50, Height 16.90, Thickness 7.95
 Alternative no.: JSX162



JS21 Brush

Replacing: JSX21-22
 12 V, Length 17.55, Lead length 185.00, Height 12.89, Thickness 6.00
 Alternative no.: JSX21-22



JS22 Brush

Replacing: JSX21-22
 12 V, Length 17.48, Lead length 40.20, Height 12.85, Thickness 5.93
 Alternative no.: JSX21-22



JS25 Brush

12 V, Length 17.45, Lead length 140.00, Height 12.95, Thickness 5.90

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100



JS33 Brush

Replacing: 83227258, 83227257

Servicing: E70R, 63111000, 63111005, 63111006, 63111008, 63111018, 63111037, 63111043, 63112003, 63113001, 63113002, 63193001

12 V, Length 16.34, Lead length 34.00, Height 14.85, Thickness 5.90

Alternative no.: JSX33-344

Pkg. 100



JS34 Brush

Replacing: 83227258, 83227257

Servicing: E70R, 63111000, 63111005, 63111006, 63111008, 63111018, 63111037, 63111043, 63112003, 63113001, 63113002, 63193001

12 V, Length 16.34, Lead length 34.00, Height 14.85, Thickness 5.90

Alternative no.: JSX33-344

Pkg. 100



JS5 Brush

Replacing: JSX52

Servicing: 63220505

12 V, Length 17.00, Lead length 29.50, Height 16.00, Thickness 5.95

Alternative no.: JSX52

Pkg. 100



JS5/0 Brush

Replacing: JSX52

Servicing: 63220505

12 V, Length 17.03, Lead length 29.38, Height 15.94, Thickness 5.95

Alternative no.: JSX52

Pkg. 100



MAS17 Brush

Replacing: MASX17-184

12 V, Length 23.00, Lead length 44.00, Height 15.90, Thickness 8.75

Alternative no.: MASX17-184

Bushings

Pkg. 10



140046 Bushing

Replacing: 74705710

Servicing: 63222408, 63222438, 63222506, 63223203, 63223236, 63223237, 63223330, 63223332, E100-1.3/12V8

ID 12.00, OD 16.00, Length 16.90

Alternative no.: B140046

Pkg. 10



140047 Bushing

Replacing: 74860380

Servicing: 63221408, 63291405

ID 10.08, OD 14.02, Length 15.00

Alternative no.: B140047

Pkg. 10



140048 Bushing

Replacing: 74860300

Servicing: 63111000, 63111001, 63111005, 63111006, 63111007, 63111008, 63111010, 63111016, 63111017, 63111018, 63111036, 63111037

ID 12.07, OD 16.02, Length 14.00

Alternative no.: B140048

Pkg. 10



140049 Bushing

Replacing: 74866140

Servicing: 63222408, 63222438, 63222506, E100-1.3/12V8

ID 12.11, OD 16.01, Length 24.00

Alternative no.: B140049

Pkg. 10



140050 Bushing

Replacing: 74868210

Servicing: 063102018010, 063102021010, 63101002, 63101018, 63101021, 63101022, 63101023, 63102003, 63102020, 63103002, 63103007

ID 10.08, OD 14.02, Length 13.50

Alternative no.: B140050

Pkg. 10



140065 Bushing

Replacing: 74705810

ID 14.07, OD 18.05, Length 20.15

Alternative no.: B140065

Pkg. 10



140109 Bushing

Replacing: 74825410

Servicing: 63224580, 63224600, M125M3-Z9(3/12)

ID 16.12, OD 22.00, Length 19.00

Pkg. 10


140110 Bushing

Replacing: 74826710

Servicing: 63224580, 63224600, M125M3-Z9(3/12)

ID 16.25, OD 22.02, Length 29.00

Pkg. 10


140200 Bushing

Replacing: 72362510

Servicing: 63216703, 63216725, 63216726, 63216727, 63216731, 63216740, 63216741, 63216747, 63216748, 63216800, 63216814, 63216815

ID 12.60, OD 18.57, Length 19.50

Alternative no.: B140200

Pkg. 10


140201 Bushing

Replacing: 72365010

Servicing: 63216703, 63216725, 63216726, 63216727, 63216731, 63216741, 63216747, 63216748, 63216800, 63216814, 63216815, 63216825

ID 20.31, OD 24.00, Length 13.90

Alternative no.: B140201

Pkg. 10


140202 Bushing

Replacing: 72362910, 62362910

Servicing: 63216703, 63216725, 63216726, 63216727, 63216731, 63216740, 63216741, 63216747, 63216748, 63216800, 63216814, 63216815

ID 14.16, OD 20.06, Length 12.00

Alternative no.: B140202

Pkg. 10


140211 Bushing

Replacing: 74798210

ID 18.13, OD 24.02, Length 28.00

Pkg. 10


140268 Bushing

Replacing: 74881110

Servicing: 63114014, 63221300, 63221302, 63221303, 63221330, 63221333, 63221400, 63221401, 63221403, 63221404, 63221408, 63221431

ID 12.09, OD 16.00, Length 12.00

Alternative no.: B140268

Pkg. 10


140269 Bushing

Replacing: 74887310

ID 12.03, OD 16.02, Length 17.00

Alternative no.: B140269

Pkg. 10


140270 Bushing

Replacing: 74887890, 74887810

Servicing: 63223203

ID 12.07, OD 16.02, Length 11.30

Alternative no.: B140270

Pkg. 10


140452 Bushing

Replacing: 74827010

Servicing: 63224580, 63224600, M125M3-Z9(3/12)

ID 24.20, OD 29.00, Length 18.00

Pkg. 10


140614 Bushing

Servicing: 50246416, 63114008, 63114010, 63114014, 63114017, 63221801, 63221831, 63222000, 63222005, 63222030, 63222034, 63222036

ID 15.18, OD 18.12, Length 11.90

Alternative no.: B140614

Pkg. 10


140653 Bushing

Servicing: 63111000, 63111001, 63111005, 63111006, 63111007, 63111008, 63111010, 63111016, 63111018, 63111036, 63111037, 63112003

ID 8.10, OD 12.00, Length 8.75

Pkg. 10


140654 Bushing

Servicing: 63111000, 63111005, 63111008, 63111018, 63113001, 63113003, 63193001, 63223431, 63223432, 63223433, 63223435, 63223436

ID 18.16, OD 23.05, Length 7.43



Pkg. 10

140690 Bushing
ID 11.53, OD 13.50, Length 23.00
Alternative no.: B140690



140827 Bushing Kit
Servicing: 63216884, MT68PB



Pkg. 10

140947 Bushing
Servicing: 63111001, 63111005, 63111006, 63111008, 63111010, 63111016, 63111017, 63111018, 63111023, 63111036, 63111037, 63111043
ID 8.02, OD/collar 14.50, OD 11.50, Length 9.98, Height/collar 1.50
Alternative no.: B140947



Pkg. 10

141017 Bushing
ID 18.03, OD 23.00, Length 9.20



Pkg. 10

141091 Bushing
Servicing: 63101007, 63191007, 63280071
ID 8.12, OD/collar 14.10, OD 11.55, Length 9.00, Height/collar 1.50



Pkg. 10

141092 Bushing
Servicing: 63111007
ID 11.15, OD 13.97, Length 13.90



Pkg. 10

141197 Bushing
Servicing: 63111001, 63111005, 63111006, 63111007, 63111010, 63111016, 63111036, 63111037, 63112003, 63113001, 63113002, 63191001
ID 18.08, OD 23.05, Length 9.30



Pkg. 10

141271 Bushing
Servicing: 138533
ID 11.90, OD 13.00, Length 18.20



Pkg. 10

142033 Bushing
Servicing: 63101007, 63191007
ID 11.10, OD 14.03, Length 13.80



Pkg. 10

142034 Bushing
ID 18.19, OD 20.98, Length 9.00



Pkg. 100

B140046 Bushing
Replacing: 74705710
ID 12.00, OD 16.00, Length 16.90
Alternative no.: 140046



Pkg. 100

B140047 Bushing
Replacing: 74860380
ID 10.08, OD 14.04, Length 15.00
Alternative no.: 140047



Pkg. 100

B140048 Bushing
Replacing: 74860300
ID 12.07, OD 16.02, Length 14.00
Alternative no.: 140048



Pkg. 100

B140049 Bushing
Replacing: 74866140
ID 12.11, OD 16.01, Length 24.00
Alternative no.: 140049



Pkg. 100

B140050 Bushing
Replacing: 74868210
Servicing: 63101015, 63102022
ID 10.08, OD 14.04, Length 13.50
Alternative no.: 140050

Pkg. 100



B140065 Bushing
 Replacing: 74705810
 ID 14.07, OD 18.05, Length 20.15
 Alternative no.: 140065

Pkg. 100



B140200 Bushing
 Replacing: 72362510
 ID 12.60, OD 18.55, Length 19.70
 Alternative no.: 140200

Pkg. 100



B140201 Bushing
 Replacing: 72365010
 ID 20.31, OD 24.00, Length 13.90
 Alternative no.: 140201

Pkg. 100



B140202 Bushing
 Replacing: 72362910, 62362910
 ID 14.15, OD 20.08, Length 11.90
 Alternative no.: 140202

Pkg. 100



B140268 Bushing
 Replacing: 74881110
 ID 12.09, OD 16.00, Length 12.00
 Alternative no.: 140268

Pkg. 100



B140269 Bushing
 Replacing: 74887310
 ID 12.03, OD 16.02, Length 17.00
 Alternative no.: 140269

Pkg. 100



B140270 Bushing
 Replacing: 74887890, 74887810
 ID 12.08, OD 16.02, Length 11.30
 Alternative no.: 140270

Pkg. 100



B140614 Bushing
 Replacing: 140614
 ID 15.17, OD 18.12, Length 11.80
 Alternative no.: 140614

Pkg. 100



B140690 Bushing
 Replacing: 140690
 ID 11.53, OD 13.50, Length 23.00
 Alternative no.: 140690

Pkg. 100



B140947 Bushing
 Servicing: 63193001
 ID 8.02, OD/collar 14.50, OD 11.50,
 Length 9.98, Height/collar 1.50
 Alternative no.: 140947

Bearings

Needle Bearings

Pkg. 10



140242 Needle Bearing
 Replacing: 83222270
 Servicing: PMGR SERIES, M78, M79, 63111006,
 63111023, 63111043, 63112003, 63113001,
 63113002, 63113003, 63193001, 63223537
 ID 12.00, OD 16.00, Height 10.00

Pkg. 10



140421 Needle Bearing
 Replacing: 74905910
 Servicing: 5MT
 ID 11.13, OD 15.90, Height 12.70

Pkg. 5

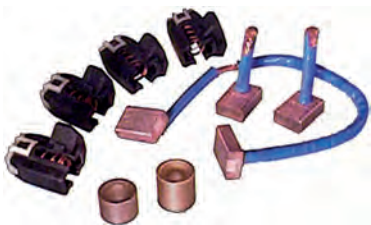


140483 Needle Bearing
 Servicing: 50246416, 63221801, 63221831,
 63222000, 63222001, 63222030, 63222031,
 63222034, 63222036, 63222038, 63222039,
 63222130
 ID 12.00, OD 18.00, Height 14.00

Repair Kits



134029 Repair Kit
 Servicing: 63216725, 63216726, 63216727,
 63216731, 63216740, 63216741, 63216747,
 63216748, 63216800, 63216814, 63216815,
 63216825



138373 Repair Kit
 Servicing: 63101003, 63221800, 63221830, 63221832, 63221834, 63221892



138374 Repair Kit
 Servicing: 63114010, 63221801, 63221831, 63222000, 63222001, 63222030, 63222031, 63222034, 63222035, 63222036, 63222039, 63222130

Sundry Parts

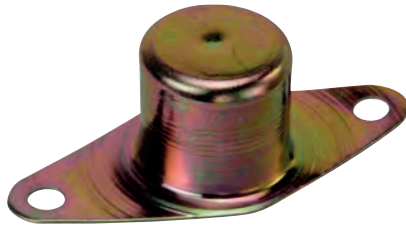
Covers



133668 C.E. Bracket
 Servicing: 63216725, 63216726, 63216727, 63216740, 63216747, 63216748, 63216800, 63216814, 63216815, 63216825, 63216826, 63216827
 ID 113.30



137738 Cover
 Servicing: 63216741, 63216831, 63216884, 63217226, 63221535, MT67CB, MT68AD, MT68LC, MT68PB, MT68RA, MT68T, MT71DB, MT71TA, MT72AB
 OD 64.90, Height 9.20



Pkg. 5

138487 Cover
 Servicing: 50246532, 63222831, 63222836, 63222837, 63222897, 63223031, 63223033, 63223034, 63223035
 ID 18.30, OD 25.75x56.15, Height 18.25, Rubber w/o

Pkg. 10



232065 Dust Cover
 Servicing: M79, M80
 OD 15.80, Height 5.60
 Tolerance of thickness is +0.10/-0.05 mm.

Oil Seals

Pkg. 10



235524 Oil Seal
 Servicing: 63216747, 63216748, 63216874, MT68MA
 ID 35.00, OD 50.00, Height 7.00

Thru Bolts

Pkg. 10



231378 Through Bolt
 Servicing: 63114010, 63222034, 63222138
 Total length 181.25, Thread size M6, Thread size/rear M6



Pkg. 10

232066# Through Bolt
 Servicing: 63221302, 63221303, 63221333
 Total length 136.15, Thread size M6, Thread size/rear M6

Various

Pkg. 5



133851# Bracket
 Servicing: 63217147, MT71D, MT71DA, MT71E, MT71T, MT71TA



133911 Stop Collar Kit
 Servicing: 63224580
 For 16.00 mm shaft.



133912 Stop Collar Kit
 Servicing: 063102018010, 063102021010, 30000A, 30001A, 30002A, 30003A, 50246532, 50246648, 63101000, 63101002, 63101003, 63101008
 For 11.50 mm shaft.


133913 Stop Collar Kit

Servicing: 63222408, 63222438, 63222506,
 E100-1.3/12V8, MT68T
 For 14.00 mm shaft.


134604 Cover Band

Servicing: 63220700, 63220701, 63220703,
 63220704, 63220705, 63220706, 63220721,
 63220724, 63220734, 63220743, 63220901
 Mount. hole 5.30, OD 95.00,
 Height 32.00


135359 Stop Collar Kit

Servicing: 63216725, 63216726, 63216727,
 63216731, 63216740, 63216741, 63216747,
 63216748, 63216800, 63216814, 63216815,
 63216825
 ID 14.70, OD 20.98, Height 5.98


135644 Screw

Replacing: 74751110
 Servicing: 063102018010, 063102021010,
 30000A, 30001A, 30002A, 30003A, 63101002,
 63101003, 63101008, 63101015, 63101018,
 63101021
 Thread M10, Total length 12.10,
 Thread length 7.40


135969 Grommet

Servicing: 63221300, 63221302, 63221330,
 63221401, 63221431, 63221437, 63221500,
 63221530, 63221532, 63221533, 63221535,
 63221539


136321 Insulator

139526 Grommet

Servicing: 63221801, 63221831, 63221832,
 63221890, 63222001, 63222031, 63222034,
 63222035, 63222036, 63222038, 63222039,
 63222131


139889 Spacer

Servicing: 63221431, 63222034, 63222138
 ID 6.40, OD 22.00, Height 17.75


231559 Grommet

Servicing: 63101008, 63223035, 63223433,
 63223435, 63223436, 63223438, 63223531


232176 Spring/roller retainer

ID 27.90, OD 45.75, Thickness 14.60,
 Material Metal


232849 Rubber Bushing

Servicing: 63111001, 63111005, 63111006,
 63111007, 63111008, 63111018, 63111037,
 63112003, 63113001, 63113002, 63191001,
 63193001
 ID 38.40, OD 54.85, Length 9.30


233827 Washer Kit

Servicing: 63216725, 63216726, 63216727,
 63216800, 63216814, 63216825, 63216826,
 63216827, 63216874, 63217201, 63220704,
 63220724
 OD 37.10, Thickness 7.00, Material Steel

Pkg. 10

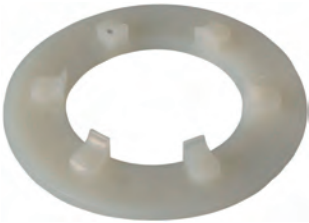


234952 Gasket

Servicing: 063341658000, 063377002010,
063377008010, 063377423010,
063377424010, 063377425010, 63321200,
63321234, 63321270

Length 36.85, Thickness 1.90,
Width 26.75

Pkg. 10



235237 Spring/roller retainer

Servicing: 85541680, 85541750, 85541810

ID 27.25, OD 45.45, Thickness 1.75,
Material Shockproof plastic



236184 Spring Kit

Armatures

12 V



131929 Armature

Manufacturer: Magneton

Replacing: 443930158061, 0158061

Servicing: 443115144702, 443115144722, 443115144742, 443115144763, 9144702, 9144703, 9144722, 9144742, 9144743, 9144744, 9144763

12 V, 3 kW, Shaft length 324.40, Core thickness 75.00, No./splines 12, Rotation CR



132937 Armature

Servicing: 11590400, 443115142112, 443115142350

12 V, 0.8 kW, Shaft length 250.00, Core thickness 58.00, No./splines 12, Rotation ACR



136265 Armature

Manufacturer: Magneton

Replacing: 7150882, 443937150880

Servicing: 443115141310, 443115141311, 443115141320, 443115141331, 443115141338, 9141310, 9141311, 9141312, 9141317, 9141319

12 V, 1 kW, Shaft length 131.00, Core thickness 49.00, No./teeth 12



231680# Armature

Manufacturer: Magneton

Replacing: 7151542, 7151540, 443937151540

Servicing: 443115142700, 443115142701, 443115142702, 443115142704, 443115142708, 443115142709, 443115142721, 443115142722

12 V, 3 kW, Shaft length 168.00, Core thickness 60.00, No./teeth 12

Yokes w/ magnets

12 V



136269 Yoke

Manufacturer: Magneton

Replacing: 7155351, 7150892, 443937150890

Servicing: 443115141310, 443115141311, 9141310, 9141312, 9141317, 9141319, 9141371, 9141390, 9141391, 9141392, 9141393, 9141396

12 V, 1 kW, OD/middle 74.70, Length 54.55, Brush gear w/, Magnets w/ Brush box: HC-CARGO 136449.

D.E. Brackets



136266 D.E. Bracket

Manufacturer: Magneton

Replacing: 6954930, 443936954930

Servicing: 443115141310, 443115141311, 9141310, 9141311, 9141399, 9141430

I.M. Brackets



136268# I.M. Bracket

Replacing: 6954940, 443936954940

Servicing: 443115141310, 443115141311, 443115141320, 9141310, 9141311, 9141312, 9141317, 9141319, 9141320, 9141325, 9141326

Magneton.

Solenoids

12 V

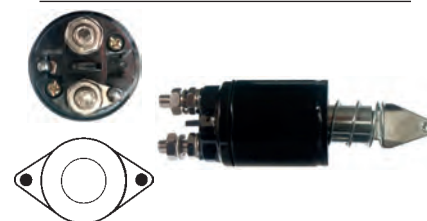


130904 Solenoid

Replacing: 443930157911, 0157912

Servicing: 02914207, 11490400, 443115142062, 443115142063, 443115142071, 443115142110, 443115142112, 443115142162, 9142063

12 V, B+ M10, Kl. 15a 6.30, Kl. 50 6.30, ID/cover 24.20, OD 54.70, OD/cover 55.20, Total length 134.20, Height/B+ 21.25, Width/kl. 15a 9.85, Width/kl. 50 10.25, Coil bolt M10, Coil bolt 2 22.75, No./terminals 4 Cap: HC-CARGO 133413.

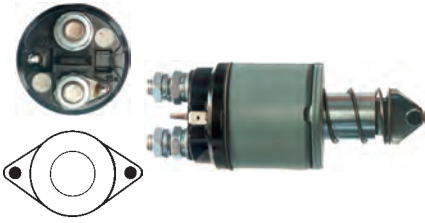


132120 Solenoid

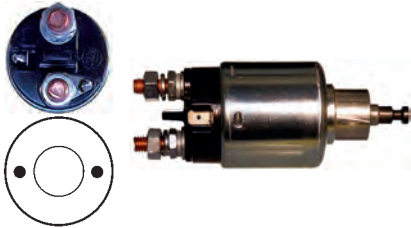
Replacing: 443930157971, 0157972

Servicing: 44311514442, 443115144420, 443115144620, 443115144702, 443115144722, 443115144724, 443115144742, 443115144763, 9144702

12 V, B+ M10, Kl. 50 6.30, ID/cover 24.35, OD 54.85, OD/cover 55.15, Total length 151.35, Height/B+ 24.45, Width/kl. 50 10.00, Coil bolt M10, Coil bolt 2 25.25, No./terminals 3 Cap: HC-CARGO 135773.


134795 Solenoid

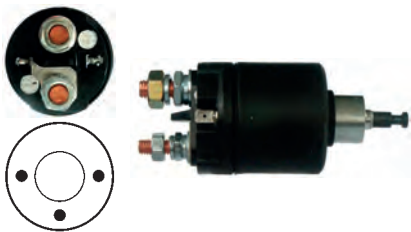
Replacing: 7150242, 443937150241, 443930150241

 Servicing: 11590400, 443115142350
 12 V, B+ M10, Kl. 50 6.30,
 ID/cover 24.35, OD 55.00, OD/cover 55.00,
 Total length 144.45, Height/B+ 21.45,
 Width/kl. 50 10.85, Coil bolt M10,
 Coil bolt 2 21.35, No./terminals 3
 Cap: HC-CARGO 135773.

136270 Solenoid

Replacing: 7150872, 443937150870, 113937150870

 Servicing: 443115141310, 443115141311, 443115141320, 9141310, 9141311, 9141312, 9141317, 9141319, 9141320, 9141325, 9141326
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 24.10, OD 49.85, OD/cover 44.65,
 Total length 114.25, Height/B+ 21.00,
 Width/kl. 50 9.60, Coil bolt M8,
 Coil bolt 2 20.90, No./terminals 3
 Cap: HC-CARGO 139329.

Alternative no.: F032136270


231681 Solenoid

Manufacturer: Magneton

Replacing: 7154142, 7153912, 7153612, 7153182, 7153142, 7152762, 7152560, 443937151560

Servicing: 443115142700, 443115142701, 443115142702, 443115142723, 443115142740, 443115142780, 9142700, 9142702, 9142723, 9142724

 12 V, B+ M10, Kl. 50 6.30,
 ID/cover 24.30, OD 54.80, OD/cover 55.10,
 Total length 122.00, Height/B+ 24.00,
 Width/kl. 50 10.00, Coil bolt M8,
 Coil bolt 2 25.10, No./terminals 3

235488 Solenoid

Manufacturer: Magneton

Replacing: 7152822

Servicing: 443115141331, 443115141338, 7141331, 7141338, 9141331

 12 V, B+ M8/14.00, ID/cover 16.80,
 OD 50.00, OD/cover 47.80,
 Switch dim. 8.60, Height/B+ M8/14.00,
 No./terminals 3

Cap: HC-CARGO 233788.

Solenoid Parts

Solenoid Caps


132282 Solenoid Cap

Replacing: 443936150600

 OD 54.35, No./terminals 3,
 Bracket type Crimp

HC-CARGO 132265, 132266, 132267.


133413 Solenoid Cap

Replacing: 443930157540, 0157541

Servicing: 02914207, 11490400, 443115142071, 443115142110, 443115142112, 443930157911

 OD 55.20, No./terminals 4
 HC-CARGO 130904.

135773 Solenoid Cap

Replacing: 443930157941, 443930157940, 0157941

Servicing: 11590400, 443115142350, 44311514442, 443115144420, 443115144620, 443115144722, 443930157971

 OD 55.00, No./terminals 3
 HC-CARGO 132120, 134795.

139329 Solenoid Cap

Servicing: 443937150870

 OD 47.65, No./terminals 3,
 Bracket type Crimp

HC-CARGO 136270.


233788 Solenoid Cap

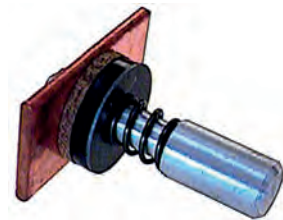
Servicing: 443115141331, 443115141338, 9141331

 OD 47.50, No./terminals 3,
 Bracket type Crimp

Magneton.

Moving Contacts

Pkg. 5


133412 Moving Contact

Replacing: 443930157560, 0157561

Servicing: 02914207, 11490400, 11590400, 443115142071, 443115142110, 443115142112, 443115142350

Shaft measurement 30.00, Thickness 2.00

Pkg. 5



135772# Spring

Replacing: 316116119950
 Servicing: 44311514442, 443930157971
 OD 10.55, Length 12.00

Pkg. 5



139327 Moving Contact

Servicing: 443115141310, 443937150870
 Shaft measurement 49.55, Thickness 2.60

Pkg. 10



236082 Moving Contact

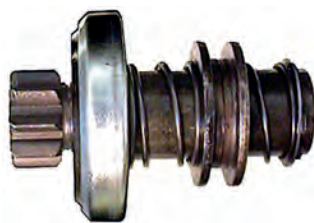
Replacing: 7152920
 Servicing: 443115141331, 443115141338, 9141331, 9141338, 9141394, 9141395, 9141399, 9141413, 9141414
 Length 37.00, Shaft measurement 30.00, Thickness 2.00

Drives



130729 Drive

Manufacturer: Magneton
 Replacing: 8014251, 443930154211, 443930154210
 Servicing: 44311514442, 443115144420, 443115144620, 443115144722, 443115144742, 9144722, 9144742, 9144743, 9144820, 9144821
 ID 14.65, OD 40.70, OD/housing 59.00, Total length 91.25, Splines A 12, No./teeth 11, Rotation CR



132941 Drive

Replacing: 7150171, 443937150171
 Servicing: 11590400, 443115142350
 ID 12.55, OD 25.35, OD/housing 54.00, Total length 78.95, Splines A 12, No./teeth 9, Rotation ACR



133961# Drive

Manufacturer: Magneton
 Replacing: 8014241, 443930154220
 Servicing: 443115144702, 443115174602, 9144702, 9174602
 ID 14.65, OD 36.50, OD/housing 59.00, Total length 91.20, Splines A 12, No./teeth 9



136267 Drive

Replacing: 7153860, 7152960, 7152860, 7150860, 443937150860
 Servicing: 443115141310, 443115141311, 443115141331, 443115141338, 9141310, 9141311, 9141327, 9141331, 9141391, 9141392, 9141393
 OD 25.40, Total length 78.45, No./teeth 9, Rotation ACR
 Alternative no.: 136267Z



231679 Drive

Manufacturer: Magneton
 Replacing: 7153180
 Servicing: 443115142780, 9142780
 OD 36.00, Total length 107.45, No./teeth 10, Rotation CR



234445 Drive

Manufacturer: Magneton
 Replacing: 71553360, 7153360
 Servicing: 443115142780, 9142724, 9142860
 OD 45.60, Total length 105.75, No./teeth 13, Rotation CR

Drive Parts

Rollers

Pkg. 100



239300 Roller

OD 5.00, Length 10.00

Pinion



231877 Pinion

Servicing: 443937150860
 OD 25.35, Height 79.10, No./splines 10, No./teeth 9

Levers



133411 Lever

Manufacturer: Magneton
 Replacing: 443930158411, 443930158410, 0158411
 Servicing: 02914207, 11490400, 11590400, 443115142071, 443115142110, 443115142112, 443115142350, 9142063, 9142110, 9142112
 Dist. 30.10, ID 8.15, Length 85.85



Pkg. 5

139615 Lever
 Manufacturer: Magneton
 Replacing: 5233420
 Servicing: 443115141310, 443115141311,
 443115141320, 443115141331,
 443115141338, 9141331, 9141430
 Dist. 5.09, Length 51.40

Clutches



231878 Clutch
 Servicing: 443937150860
 OD 10.50, Total length 43.00,
 No./splines 10, No./teeth 44, Rotation CR

Brush Gears



136449 Brush Gear
 Servicing: 443115141310, 443115141311,
 443115141331, 443115141338, 9141331,
 9141430
 12 V, OD 73.65

Brush Gear Parts

Brush Springs

Pkg. 10

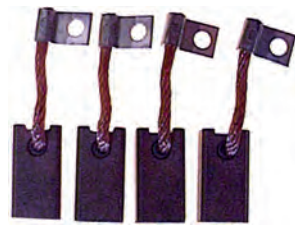


135775# Brush Spring
 Replacing: 315677064480, 315238040
 Servicing: 433115144702, 433115144722,
 433115144742, 44311514442
 OD 16.15, Length 35.30

Brush Sets



PLSX24 Brush Set
 12 V, Length 25.35, Lead length 32.50,
 Height 12.85, Thickness 8.90



PLSX34 Brush Set
 Replacing: 344174503246, 344154113246,
 344122021, 344112021, 334174503246
 Servicing: 9142063, 9142110, 9142112,
 9142350
 12 V, Length 22.00, Lead length 33.00,
 Height 12.00, Thickness 8.00
 Alternative no.: PLS3



PLSX44 Brush Set
 Replacing: 932232, 344174143386,
 344154123387, 344112027
 Servicing: 44311514442, 443115144420,
 443115144620, 443115144722, 9144702,
 9144703, 9144722, 9144724, 9144742,
 9144743, 9144744
 12 V, Length 26.00, Lead length 50.00,
 Lead length 2 45.00, Height 26.60,
 Thickness 8.80



PLSX54 Brush Set
 Servicing: 443115141310, 443115141311,
 443115141331, 443115141338, 9141331,
 9141430
 12 V, Length 12.50, Lead length 21.00,
 Height 12.50, Thickness 6.00

Brushes

Pkg. 100



PLS3 Brush
 Replacing: PLSX34
 12 V, Length 22.25, Lead length 37.00,
 Height 11.80, Thickness 7.95
 Alternative no.: PLSX34

Pkg. 50



PLS3/0 Brush
 Replacing: 110904300
 12 V, Length 22.34, Lead length 35.54,
 Height 11.88, Thickness 7.96

Bushings

Pkg. 10



140012 Bushing
 Replacing: 323125723125
 Servicing: 02914207, 11490400,
 11590400, 443115142071, 443115142110,
 443115142350
 ID 12.56, OD 16.55, Length 14.00
 Alternative no.: B140012

Pkg. 10



140397 Bushing
 Replacing: 931550
 ID 23.10, OD 27.05, Length 20.00
 Alternative no.: B140397

Pkg. 10



140527 Bushing

Replacing: 931544
ID 15.00, OD 20.00, Length 19.85

Pkg. 10



140691 Bushing

Replacing: 323662642933, 323622642933, 323144016, 323114016
Servicing: 11590400, 443115142112, 443115142350, 9142063, 9142110, 9142112, 9142350
ID 9.95, OD 14.00, Length 14.75

Pkg. 10



140756 Bushing

Replacing: 323622641703, 323125641703, 323125527131, 323114011, 2000940
Servicing: 44311514442, 443115144420, 443115144620, 443115144722, 9144702, 9144722, 9144724, 9144742, 9144743, 9144744, 9144763
ID 14.52, OD 18.00, Length 17.00
Alternative no.: B140756

Pkg. 10



140757 Bushing

Replacing: 323144014, 323125527127, 323114014
Servicing: 44311514442, 443115144420, 443115144620, 443115144722, 9144702, 9144722, 9144724, 9144742, 9144743, 9144744, 9144763
ID 14.50, OD 18.00, Length 15.00
Alternative no.: B140757

Pkg. 10



140758 Bushing

Replacing: 323125436125
Servicing: 44311514442, 443115144420, 443115144620, 443115144722
ID 19.06, OD 22.55, Length 14.00
Alternative no.: B140758

Pkg. 10



141055# Bushing

ID 21.09, OD 24.70, Length 4.30

Pkg. 100



B140397# Bushing

Replacing: 931550
ID 23.10, OD 27.05, Length 20.00
Alternative no.: 140397

Pkg. 100



B140756 Bushing

Replacing: 323622641703, 323125641703, 323125527131, 323114011, 2000940
ID 14.52, OD 18.00, Length 17.00
Alternative no.: 140756

Pkg. 100



B140757 Bushing

Replacing: 323144014, 323125527127, 323114014
ID 14.48, OD 18.03, Length 14.90
Alternative no.: 140757

Pkg. 100



B140758 Bushing

Replacing: 323125436125
ID 19.05, OD 22.56, Length 13.90
Alternative no.: 140758

Bearings

Needle Bearings

Pkg. 5



140381 Needle Bearing

Replacing: 324592003, 324592000000
Servicing: 443115142740, 9142700, 9142702, 9142704, 9142708, 9142709, 9142720, 9142722, 9142723, 9142724, 9142727, 9142728
ID 22.00, OD 28.00, Height 12.00,

Sundry Parts

C.E. Covers



136271 C.E. Bracket

Manufacturer: Magneton
Replacing: 443931658400, 1658400
Servicing: 443115141310, 443115141311, 443115141320, 9141310, 9141311, 9141312, 9141317, 9141319, 9141320, 9141325, 9141326

Replacing Magnetron (Pal/Skoda)

O-rings

Pkg. 5



136681 O-ring

Replacing: 273111014174

Servicing: 44311514442, 443115144420,
443115144620, 443115144702,
443115144722, 443115144742

ID 38.00, Thickness 2.50

Various

Pkg. 5



138606 Lock Ring

Replacing: 315817120910, 3155238077

Servicing: 11590400, 443115142350

Thickness 2.10

For 13.00 mm shaft.

Armatures

12 V


139752 Armature

Servicing: SM302-01, SM302-03, SM302-07, SM302-09, SM302-10, SM302-12, SM302-15, SM302-25, SM302-46, SM302-48

12 V, 1/1.3 kW, Shaft length 137.00, Core thickness 46.00, No./teeth 9, Rotation CR
Gear reduction.

I.M. Brackets

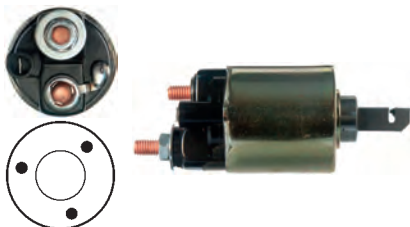
136760# I.M. Bracket

Servicing: SM302-07, SM302-10, SM302-12, SM302-15, SM302-25, SM402-17, SM402-17N, SM402-21N

ID 15.00

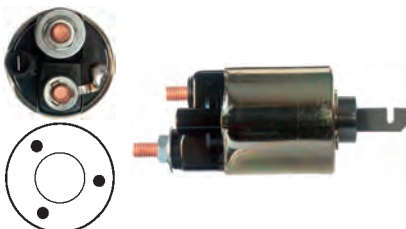
Solenoids

12 V


133076 Solenoid

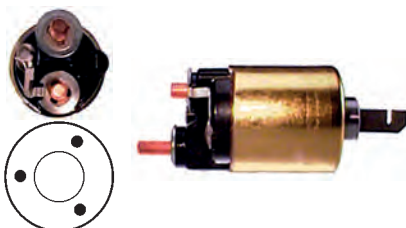
Servicing: SM302-02, SM302-04, SM302-08, SM302-16, SM302-19, SM302-24, SM302-40, SM402-04N

12 V, B+ M8, KI. 50 6.30, OD 50.65, OD/cover 43.80, Total length 130.00, Height/B+ 17.30, Coil bolt M8, Coil bolt 2 10.70, No./terminals 3
Cap: HC-CARGO 133782.


133290 Solenoid

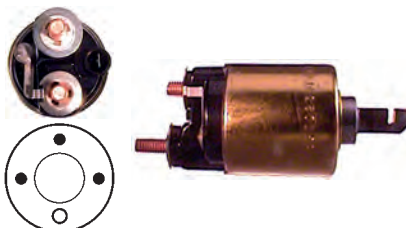
Servicing: SM302-01, SM302-02, SM302-03, SM302-04, SM302-09, SM302-16, SM302-18, SM302-27, SM302-28, SM302-41N, SM402-10

12 V, B+ M8, KI. 50 6.30, OD 50.60, OD/cover 48.10, Total length 129.60, Height/B+ 17.70, Coil bolt M8, Coil bolt 2 10.50, No./terminals 3
Cap: HC-CARGO 133782.


136983 Solenoid

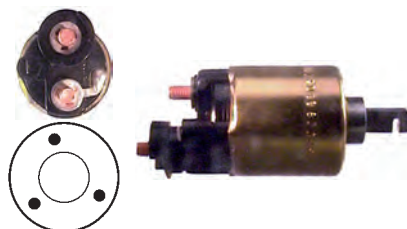
Servicing: SM302-07, SM302-10, SM302-12, SM302-15, SM302-24, SM302-25, SM302-44, SM302-44N, SM302-45, SM302-45N, SM302-46

12 V, B+ M8, KI. 50 6.30, OD 50.70, OD/cover 43.20, Total length 129.55, Height/B+ 16.40, Coil bolt M8, Coil bolt 2 8.35, No./terminals 3
Cap: HC-CARGO 137084.


137023 Solenoid

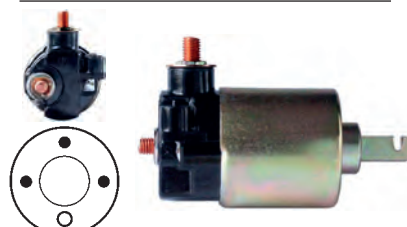
Servicing: SM302-22, SM402-04, SM402-04N, SM402-05, SM402-05N, SM402-11N

12 V, B+ M8, KI. 50 6.30, OD 51.70, OD/cover 47.65, Total length 129.00, Height/B+ 16.15, Coil bolt M8, Coil bolt 2 8.80, No./terminals 3
Cap: HC-CARGO 137084.


138009 Solenoid

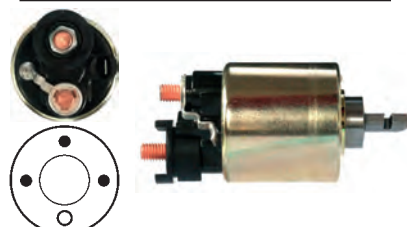
Servicing: SM402-07

12 V, B+ M8, KI. 50 6.30, OD 50.55, OD/cover 48.00, Total length 130.00, Height/B+ 12.80, Coil bolt M8, Coil bolt 2 10.60, No./terminals 3
Cap: HC-CARGO 138010.


230018 Solenoid

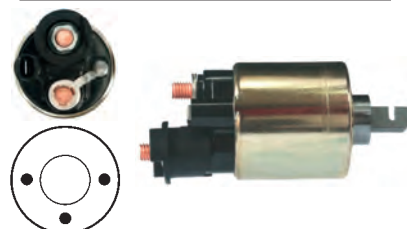
Servicing: SM402-01, SM442-32, SM442-36

12 V, B+ M8, KI. 50 6.30, OD 50.80, OD/cover 45.25, Total length 117.20, Height/B+ 9.50, Coil bolt M8, Coil bolt 2 6.25, No./terminals 3
Cap: HC-CARGO 232009.


232003 Solenoid

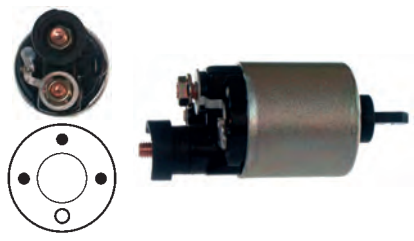
Servicing: SM422-09, SM442-01, SM442-08, SM442-10, SM442-19, SM442-22, SM442-24

12 V, B+ M8, KI. 50 6.30, OD 50.85, OD/cover 46.35, Total length 111.85, Height/B+ 11.30, Coil bolt M8, Coil bolt 2 8.60, No./terminals 3
Cap: HC-CARGO 232005.

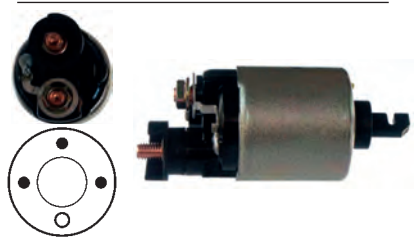

232004 Solenoid

Servicing: SM422-02, SM442-02

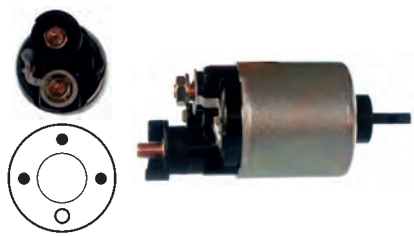
12 V, B+ M8, KI. 50 6.30, OD 50.90, OD/cover 45.45, Total length 115.55, Height/B+ 9.00, Coil bolt M8, Coil bolt 2 8.50, No./terminals 3
Cap: HC-CARGO 232006.



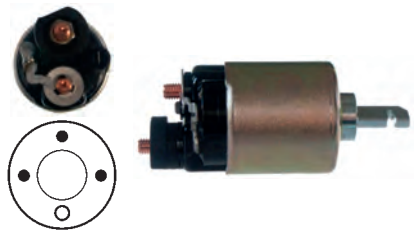
234159 Solenoid
 Servicing: SM402-15, SM402-15N
 12 V, B+ M8, Kl. 50 6.30, OD 51.80,
 OD/cover 49.20, Total length 122.50,
 Height/B+ 10.75, Coil bolt M8,
 Coil bolt 2 8.75, No./terminals 3



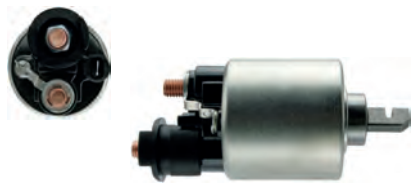
234160 Solenoid
 Servicing: SM422-09, SM442-01
 12 V, B+ M8, Kl. 50 6.30, OD 51.70,
 OD/cover 49.10, Total length 122.65,
 Height/B+ 11.45, Coil bolt M8,
 Coil bolt 2 8.20, No./terminals 3



234161 Solenoid
 Servicing: SM422-27
 12 V, B+ M8, Kl. 50 6.30, OD 51.75,
 OD/cover 49.00, Total length 122.80,
 Height/B+ 10.90, Coil bolt M8,
 Coil bolt 2 8.70, No./terminals 3



234162 Solenoid
 Servicing: SM402-13, SM402-13N, SM402-19
 12 V, B+ M8, Kl. 50 6.30, OD 51.75,
 OD/cover 49.00, Total length 124.40,
 Height/B+ 10.90, Coil bolt M8,
 Coil bolt 2 8.25, No./terminals 3



237404 Solenoid
 Servicing: SM442-25, SM442-46
 12 V, No./terminals 3

Solenoid Parts

Solenoid Caps



Pkg. 5

133782 Solenoid Cap
 Servicing: SM302-02, SM302-04, SM302-07,
 SM302-08, SM302-10, SM302-12, SM302-15,
 SM302-16, SM302-19, SM302-24, SM302-25,
 SM302-40
 OD 48.40, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 133076, 133290.



137084 Solenoid Cap
 Servicing: SM302-22, SM302-24, SM302-25,
 SM302-44, SM302-44N, SM302-45, SM302-45N,
 SM302-46, SM302-48, SM302-52, SM402-05
 OD 48.60, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 136083, 137023.



Pkg. 5

232005 Solenoid Cap
 Servicing: SM422-09, SM422-10, SM442-10,
 SM442-23, SM44223
 OD 48.70, No./terminals 2,
 Bracket type Crimp
 HC-CARGO 232003.

Pkg. 5



232009 Solenoid Cap
 Servicing: SM402-01
 OD 49.25, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 230018.

Moving Contacts



Pkg. 5

132037 Moving Contact
 Shaft measurement 29.25, Thickness 2.45
 Alternative no.: B132037

Drives



134284 Drive
 Servicing: SM302-01, SM302-02, SM302-03,
 SM302-04, SM302-07, SM302-08, SM302-09,
 SM302-10, SM302-12, SM302-15, SM302-16,
 SM302-18
 OD 28.35, Total length 99.00,
 No./teeth 9, Rotation CR
 Pinion: HC-CARGO 134283.



230761 Drive
 Servicing: SM13
 OD 44.50, Total length 107.00,
 Splines A 29, No./teeth 19, Rotation ACR


230762 Drive

Replacing: SM1329850
 Servicing: SM13, SM13298
 OD 39.00, Total length 91.50,
 No./teeth 17, Rotation ACR


333901 Drive

OD 29.00, Total length 95.00,
 No./teeth 9, Drive type Steel,
 Rotation CR

Drive Parts
Rollers

Pkg. 10


238549 Roller

OD 8.00, Length 11.90

Pinion

134283 Pinion

Servicing: SM302-02, SM302-07, SM302-08,
 SM302-10, SM302-18, SM302-22, SM302-24,
 SM302-25, SM402-04, SM402-04N, SM402-05
 OD 28.80, Height 99.10, No./splines 18,
 No./teeth 9, For HC-CARGO 134284.

Clutches

233743# Clutch

Servicing: SM302-21, SM302-22, SM302-27,
 SM302-28, SM302-42, SM302-44, SM302-45, SM302-
 46, SM302-48, SM402-10, SM402-11, SM402-13
 OD 14.40, OD/housing 61.90,
 Total length 77.60, Splines A 18,
 No./teeth 44, Drive type Steel, Rotation CR

Brush Gears

232311 Brush Gear

Servicing: SM402-01, SM402-03, SM402-04,
 SM402-04N, SM402-05, SM402-05N, SM402-16,
 SM402-16N, SM402-17, SM402-17N, SM402-21N
 12 V, OD 65.80


234139 Brush Gear

Servicing: SM302-01, SM302-02, SM302-03,
 SM302-04, SM302-07, SM302-08, SM302-09, SM302-
 10, SM302-12, SM302-15, SM302-16, SM302-18
 OD 60.65
 Brush set: HC-CARGO 140706 (x2).

Brush Sets

140706 Brush Set

Servicing: SM302-01, SM302-02, SM302-03,
 SM302-04, SM302-07, SM302-08, SM302-09, SM302-
 10, SM302-12, SM302-15, SM302-16, SM302-18
 12 V, Length 15.00, Lead length 33.00,
 Height 14.00, Thickness 5.00


140841 Brush Set

Servicing: SM402-01, SM402-04, SM402-04N,
 SM402-05, SM402-05N, SM402-10, SM402-16,
 SM402-16N, SM402-17, SM402-17N, SM402-
 21N
 12 V, Length 16.50, Lead length 121.00,
 Lead length 2 35.00, Height 17.00,
 Thickness 4.70


141246 Brush Set

Servicing: SM442-25
 12 V, Length 16.00, Lead length 30.00,
 Lead length 2 35.00, Height 17.00,
 Thickness 5.00

Bushings

Pkg. 10


140648 Bushing

Servicing: SM302-01, SM302-02, SM302-03,
 SM302-07, SM302-09, SM302-10, SM302-12,
 SM302-15, SM302-25, SM302-27, SM302-41N,
 SM302-45
 ID 8.12, OD 13.10, Length 8.34

Pkg. 10


140698 Bushing

ID 23.55, OD 27.00, Length 5.85
 Alternative no.: B140698

Pkg. 5



141182 Bushing
ID 23.85, OD 27.00, Length 5.65

Bearings

Needle Bearings

Pkg. 5



140468 Needle Bearing
ID 8.00, OD 12.00, Height 10.00

Sundry Parts

O-rings

Pkg. 10



235692 O-ring
ID 44.00, Thickness 2.45,
Material Rubber

Various

Pkg. 5



133561 Lock Ring
Thickness 1.85, Material Steel

Pkg. 5



133562 Lock Ring
ID/housing 5.95, OD/housing 13.70,
Thickness 4.60, Material Steel

Pkg. 5



133670 Rubber Boot
Servicing: SM302-01, SM302-02, SM302-03,
SM302-04, SM302-07, SM302-08, SM302-09,
SM302-10, SM302-12, SM302-15, SM302-16,
SM302-18
ID 18.45, OD 21.25, Length 52.30

Pkg. 5



135013 Washer
ID 23.10, OD 46.00, Thickness 2.35

Pkg. 5



136341 Retaining Ring
Servicing: 134284
Thickness 1.40, Material Steel

Armatures

12 V


132484 Armature

Replacing: M106X57171, M106X54971, M106X53571, M106X53171, M106X51571, M106X29471, M106X08571, M106X01471
 Servicing: M002T24181, M002T25083, M002T25481, M002T25581, M002T25681, M002T25681G, M002T50171, M002T50181, M002T50281, M002T50285

12 V, 1.4 kW, Shaft length 147.80,
 Core thickness 53.65, No./teeth 9,
 Rotation CR/ACR


132486 Armature

Replacing: MD618369, MD607636, M106X41674, M106X41673, M106X41672, M106X41671, M106X29871, M106X02271
 Servicing: M002T54271, M002T54272, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T54771, M002T54871

12 V, 2 kW, Shaft length 152.00,
 Core thickness 53.20, No./teeth 9,
 Rotation CR/ACR

Alternative no.: F032132486


132487 Armature

Replacing: M106X50671, M106X40671
 Servicing: M002T60071, M002T60072, M002T60171, M002T60172, M002T60185, M002T92071, M002T92171, M002T92172, M2T60071, M2T60072

12 V, 2.2 kW, Shaft length 169.00,
 Core thickness 53.60, No./teeth 9,
 Rotation CR/ACR


134071 Armature

Replacing: MD607413, M106X57271, M106X55071, M106X53271, M106X01871, M106X01271, M106T01871

Servicing: M002T52081, M002T52082, M002T52181, M002T52271, M002T52381, M002T52681, M002T52871, M002T52881, M002T52882, M002T53081

12 V, 1.2 kW, Shaft length 139.50,
 Core thickness 53.65, No./teeth 9,
 Rotation CR/ACR


134736 Armature

Replacing: MD618443, MD607924, M106X52871, M106X52771, M106X52571, M106X50871, M106X50271, M106T52571

Servicing: M002T23081, M002T25772, M003T10476D, M003T21281D, M003T21381, M003T21781, M003T21882D, M003T24482H, M003T24482HC

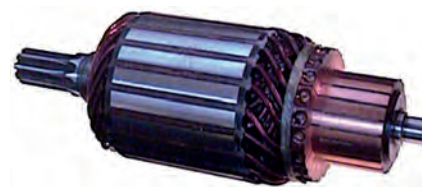
12 V, 0.8 kW, Shaft length 183.10,
 Core thickness 60.00, No./splines 8,
 Rotation CR


134737 Armature

Replacing: MD607552, M106X51671, M106T01970

Servicing: A3T22681, M003T12572, M003T22681, M003T24482, M003T25081, M003T30081, M003T30082, M003T30088, M003T30281, M003T30282

12 V, 0.8 kW, Shaft length 204.40,
 Core thickness 60.00, No./splines 8


134926 Armature

Servicing: M001T50071, M001T50171, M001T50172, M1T50071, M1T50171, M1T50172

12 V, 1 kW, Shaft length 142.45,
 Core thickness 47.90, No./teeth 9,
 Rotation CR/ACR


135118# Armature

Replacing: MD607284, M106T19771, M106T03971, M106T03271

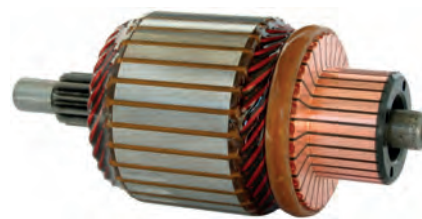
Servicing: M003T22581, M003T22582, M003T24181, M003T24481, M003T24482A, M003T24486, M003T25281, M003T25781, M003T25782, M003T25783

12 V, 0.9 kW, Shaft length 226.00,
 Core thickness 60.00, No./splines 8,
 Rotation CR


135824 Armature

Replacing: MD604912

12 V, 0.8/0.9 kW, Shaft length 226.00,
 Core thickness 59.90, No./splines 10,
 Rotation ACR


135832 Armature

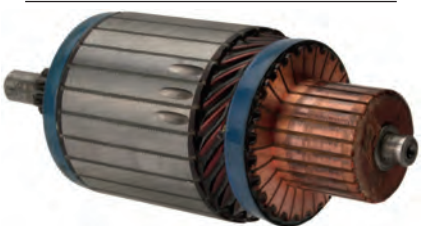
Replacing: M106X58571, M106X52471, M106X52171, M106X08671, M106T52171, M106T50171, M106T08671, M106T06971

Servicing: M001T60081, M001T60181, M001T60185, M001T60281, M001T60285, M001T60285A, M001T60381, M001T60581, M001T61181, M001T70283

12 V, 1.2/1.4 kW, Shaft length 121.40,
 Core thickness 53.80, No./teeth 11,
 Rotation CR/ACR



136334 Armature
 Replacing: MD618451, MD611204, M806X06971, M106X50471, M106X50171, M106X06971
 Servicing: M001T70281, M001T70281ZC, M001T70481, M001T70481ZC, M001T70482, M001T70485, M001T70681, M001T70685, M001T70781
 12 V, 1.2/1.4 kW, Shaft length 121.60, Core thickness 53.80, No./teeth 11



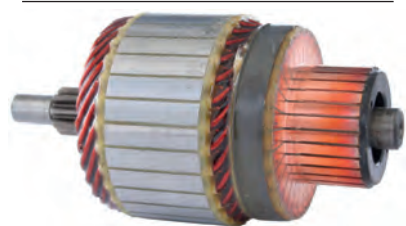
136613 Armature
 Replacing: M106X74781, M106X59171, M106X57471, M106X54271
 Servicing: M001T64285, M001T74081, M001T74087, M001T74181, M001T74281, M001T74281ZC, M001T74283, M001T74381, M001T74381A
 12 V, 1.7/2 kW, Shaft length 144.00, Core thickness 53.50, No./teeth 11



138417 Armature
 Replacing: M106X52271, M106T08371, M106T04771, M00106T08371, M00106T04771
 Servicing: M002T30481, M002T30581, M002T30585, M002T30586, M002T30881, M002T32281, M002T41381, M002T41581, M002T41586, M002T42381
 12 V, 0.8 kW, Shaft length 177.55, Core thickness 53.80, No./splines 8, Rotation CR



138962 Armature
 Replacing: MD618958, M106X43572, M106X43571
 Servicing: 1810A050, 1810A050R, 1810A053, 32A66-10101, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T84771
 12 V, 2/2.2 kW, Shaft length 141.00, Core thickness 54.00, No./teeth 13, Rotation CR



139398 Armature
 Replacing: MD619164, M106X58771, M106X57671, M106T57671
 Servicing: M000T65381, M000T80081, M000T80082, M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A
 12 V, 1 kW, Shaft length 106.75, Core thickness 53.75, No./teeth 9, Rotation CR/ACR



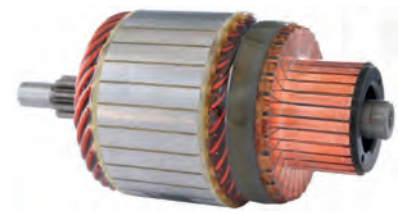
139399 Armature
 Replacing: M106X55671
 Servicing: M002T61871, M002T61871A, M002T61871B, M002T62071A, M002T62571, M002T62671, M2T51681, M2T61871, M2T61871A, M2T61871B
 12 V, 2/2.2 kW, Shaft length 147.65, Core thickness 53.60, No./teeth 9, Rotation CR



139401 Armature
 Replacing: MD618536, M106X09971
 Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T71786, M000T71881, M0T70281, M0T70285
 12 V, 1 kW, Shaft length 112.00, Core thickness 54.00, No./teeth 11, Rotation CR



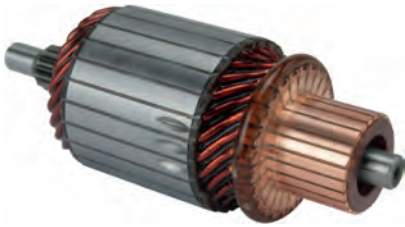
139646 Armature
 Replacing: M106X41971, M106X29272, M106X29271
 Servicing: M003T67671, M003T67771, M003T90071, M003T90072, M3T66572, M3T67171, M3T67172, M3T67281, M3T67671, M3T67771, M3T90071
 12 V, 2.5 kW, Shaft length 177.50, Core thickness 60.00, No./teeth 9, Rotation CR



230499 Armature
 Replacing: M106X59771, M106X58971, M106X58671
 Servicing: M000T60081, M000T60081A, M000T60181, M000T60181A, M000T85381, M000T85681, M000T85681ZC, M000T85781, M000T85881
 12 V, 1.4 kW, Shaft length 113.30, Core thickness 53.60, No./teeth 9



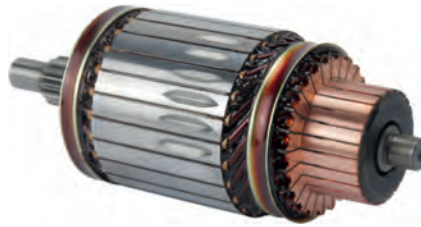
231468 Armature
 Servicing: 1810A101, M001T80081, M001T80082, M001T80181, M001T80381, M1T80081, M1T80082, M1T80181, M1T80381
 12 V, 1.7 kW, Shaft length 131.95, Core thickness 53.90, No./teeth 9, Rotation CR


231471 Armature

Replacing: M106X58171, M106X50571, M106X07271

Servicing: M001T74081, M001T74087, M001T74181, M001T74281, M001T74283, M001T74283ZC, M001T74286ZC, M001T74287ZC, M001T74381

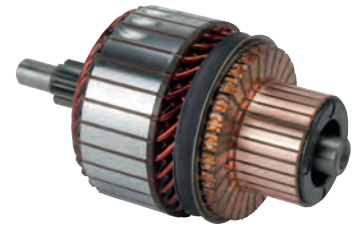
12 V, 1.7/2 kW, Shaft length 143.55, Core thickness 54.00, No./teeth 11, Rotation CR/ACR


237825 Armature

Replacing: M106X43871

Servicing: M008T71371, M008T71371ZE, M008T71471, M008T71471ZE, M008T75371, M2T84271, M2T84371, M2T84671, M2T85071, M2T85771

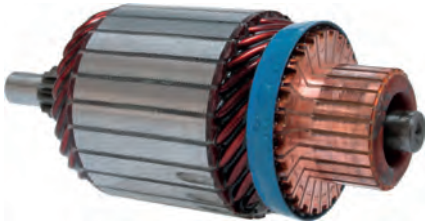
12 V, 1.7 kW, Shaft length 141.10, Core thickness 53.70, No./teeth 11


330035 Armature

Replacing: M106X64771, 330035

Servicing: M000T32171, M000T32172, M000T32172ZE, M000T32173ZE, M000T32177, MOT32171, MOT32172, MOT32172ZE, MOT32173, MOT32173ZE

12 V, Shaft length 100.50, Core thickness 53.73, No./teeth 9, Rotation CR


234974 Armature

Servicing: M001T85681, M001T85682, M001T85781, M001T85981, M001T87081, M1T85681, M1T85682, M1T85781, M1T85981, M1T87081

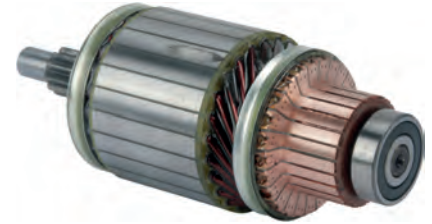
12 V, 1.4/1.7 kW, Shaft length 128.20, Core thickness 53.80, No./teeth 11, Rotation CR

Alternative no.: F032234974

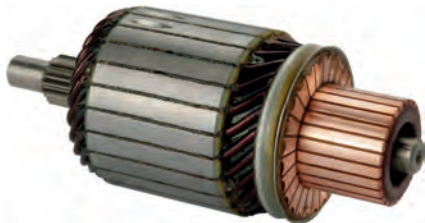

237856 Armature

Servicing: M000T45271, M000T45271ZT, MOT45271, MOT45271ZT, MOT45275ZT, MR99492Z

12 V, 0.9 kW, Shaft length 197.50, Core thickness 53.00, No./splines 12, Rotation ACR


330369 Armature

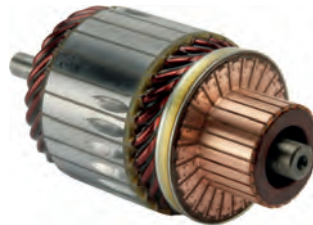
Servicing: M002T85671, M002T85672, M008T76071, M008T76072, M008T76072ZE, M2T85671, M2T85672, M8T76071, M8T76071ZE, M8T76072

 12 V, 2 kW, Shaft length 141.30, Core thickness 53.78, No./teeth 11, Rotation CR
kW is not 100%, can be turned OE number up.

235247 Armature

Servicing: M001T80481, M1T80481

12 V, 1.4 kW, Shaft length 133.00, Core thickness 54.00, No./teeth 11, Rotation CR

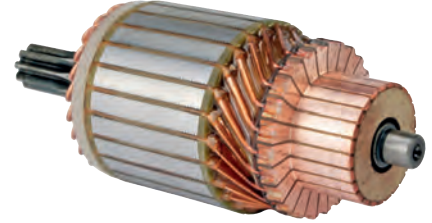
Alternative no.: F032235247


239517 Armature

Servicing: M000T20871, M000T20871ZE, M000T20872, M000T20872ZE, M000T21471, M000T22471, M000T22472, M00T20871, MOT20871, MOT20871ZE

12 V, 1.7 kW, Shaft length 115.50, Core thickness 53.60, No./teeth 9

Alternative no.: F032239517


330725 Armature

Servicing: M002TS0571, M002TS0575, M2TS0571, M2TS0575

12 V, 2.2 kW, Shaft length 140.06, Core thickness 53.75, No./splines 9, Rotation CR


235820 Armature

Servicing: M002T13081, M002T13281, M002T13581, M2T13081, M2T13281, M2T13581

12 V, 0.85 kW, Shaft length 164.00, Core thickness 53.60, No./splines 8, Rotation CR


239829 Armature

Servicing: M001T30071, M001T30072, M001T30171, M001T30172, M001T30173, M001T30271, M1T30071, M1T30072, M1T30073, M1T30171

12 V, 1.9 kW, Shaft length 133.26, Core thickness 57.20, No./teeth 13

Alternative no.: F032239829

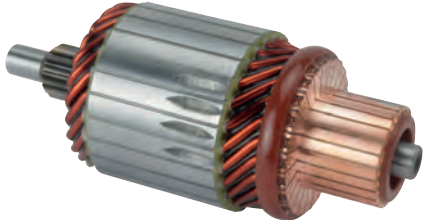

331526 Armature

Servicing: M000T45171, M000T45171ZT, MOT45171, MOT45171ZT

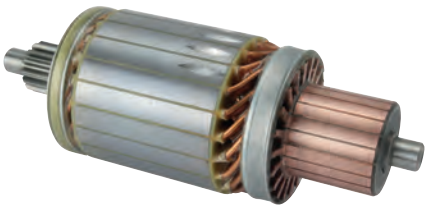
12 V, 0.8 kW, Shaft length 171.00, Core thickness 52.96, No./splines 12, Rotation CR



331889 Armature
 Servicing: M002T85871, M2T85871
 12 V, 2 kW, Shaft length 141.00,
 Core thickness 53.50, No./splines 11,
 No./teeth 11, Rotation CR



332333 Armature
 Servicing: M001T80681, M1T80681
 12 V, 2.2 kW, Shaft length 133.10,
 Core thickness 53.75, No./splines 13



333772 Armature
 Replacing: M106X45073
 Shaft length 195.50,
 Core thickness 68.00, No./teeth 14

24 V



133034 Armature
 Replacing: M106X29371
 Servicing: M002T64271, M002T65271,
 M002T65272, M002T66871, M002T66872,
 M002T66873, M002T67871, M002T67872,
 M002T67873, M002T67881
 24 V, 3.2 kW, Shaft length 151.40,
 Core thickness 53.60, No./teeth 9,
 Rotation CR/ACR



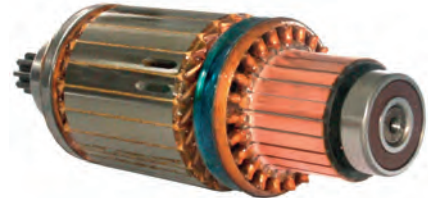
136196 Armature
 Replacing: ME700037, M106X41271,
 M106X29171
 Servicing: M003T56071, M003T56072,
 M003T56074, M003T56082, M003T56084,
 M003T56174, M003T56181, M003T56182,
 M003T56183, M003T56272
 24 V, 4.5 kW, Shaft length 178.00,
 Core thickness 60.00, No./teeth 9,
 Rotation CR/ACR



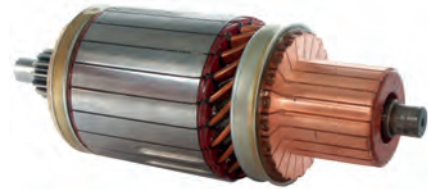
139825 Armature
 Replacing: ME701492, M106X43772,
 M105X43771
 Servicing: M008T80071, M008T80071A,
 M008T80071B, M008T80371, M008T80373,
 M008T80471, M008T80471A, M008T80472,
 M008T80472A
 24 V, 3.2/3.7 kW, Shaft length 139.95,
 Core thickness 53.60, No./teeth 13,
 Rotation CR



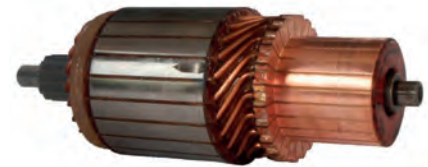
231771 Armature
 Replacing: ME700854, M106X40871
 Servicing: M002T78072, M002T78372,
 M002T78381, M002T78382, M002T78383,
 M002T78481, M2T78071, M2T78072,
 M2T78271, M2T78372
 24 V, 5 kW, Shaft length 169.00,
 Core thickness 53.60, No./teeth 9



233337 Armature
 Replacing: M106X40471
 Servicing: M003T95071, M003T95073, M003T95081,
 M003T95082, M003T95171, M003T95172, M3T95071,
 M3T95073, M3T95081, M3T95082
 24 V, 5.5/6 kW, Shaft length 178.00,
 Core thickness 60.20, No./teeth 9



233961 Armature
 Replacing: M106X45071
 Servicing: 39MT, M009T70379, M009T80472,
 M009T80473, M009T80571, M009T80572,
 M009T80671, M009T80771, M009T80772,
 M009T80871
 24 V, 8.2 kW, Shaft length 195.80,
 Core thickness 68.00, No./teeth 14,
 Rotation CR



234100 Armature
 Servicing: M009T60371, M009T60471,
 M009T60671, M009T60672, M009T61473,
 M009T61474, M009T61571, M009T61671,
 M009T62172, M009T62671
 24 V, 6 kW, Shaft length 176.85,
 Core thickness 60.20, No./teeth 13,
 Rotation CR



234851 Armature
 Replacing: ME701446, M105X43671
 Servicing: M008T60071, M008T60071A,
 M008T60371, M008T60372, M008T60373,
 M008T60871, M008T60872, M008T60873,
 M008T62671, M3T56089
 24 V, 5 kW, Shaft length 171.00,
 Core thickness 53.60, No./teeth 13

Armature Parts
Various

B137340# Commutator

Replacing: B137340
 Bar dist. 2.00, Bar cross dist. 41.55,
 ID 15.55, ID/bar lane 40.50, OD 52.85,
 Bar length 5.40, Height/bar 5.90,
 Height/bar lane 17.30, Total height 25.50,
 No./bars 33


B138978# Commutator

Replacing: B138978
 Bar dist. 2.25, Bar cross dist. 40.95,
 ID 15.25, ID/bar lane 38.60, OD 55.60,
 Bar length 7.25, Height/bar 3.00,
 Height/bar lane 18.75, Total height 26.40,
 No./bars 31

Yokes w/ magnets
12 V

136894 Yoke

Replacing: MD611215, M800T53071,
 M800T39871
 Servicing: M001T60081, M001T60181,
 M001T60185, M001T60281, M001T60285,
 M001T60285A, M001T60381, M001T60581,
 M001T61181, M001T70281
 12 V, 1.2/1.4 kW, Length 63.60,
 Brush gear w/o, Magnets w/


137550# Yoke

Replacing: M800X52071, M800X50875,
 M800X50873
 Servicing: M001T74491, M001T75581,
 M001T75581ZC, M001T76481, M1T74491,
 M1T75581, M1T75581ZC, M1T76481
 12 V, 1.7 kW, OD/middle 74.50,
 Length 83.55, Rotation ACR,
 Brush gear w/o, Magnets w/


137853 Yoke

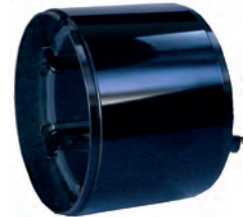
Replacing: M800X51074
 Servicing: M001T70781, M001T77081,
 M001T77181, M001T77281, M1T60681,
 M1T70781, M1T73081, M1T77081, M1T77181,
 M1T77281
 12 V, 1.4 kW, OD/middle 74.35,
 Length 63.15, Rotation ACR,
 Brush gear w/o, Magnets w/


139241 Yoke

Replacing: MD619096, M800X64073,
 M800X61771, M800X60671
 Servicing: M000T65381, M000T80081,
 M000T80381, M000T80581, M000T80781,
 M000T80783, M000T80784, M000T81081,
 M000T81181, M000T81281
 12 V, 1 kW, OD/middle 70.65,
 Length 52.70, Brush gear w/o,
 Magnets w/


139616 Yoke

Replacing: M800X57671, M800X52274,
 M800T57671, M800T52274
 Servicing: M001T74281, M001T74281ZC,
 M001T74283, M001T74283ZC,
 M001T74286ZC, M001T74287ZC,
 M001T74381, M001T74491, M001T74581
 12 V, 1.7 kW, OD/middle 74.30,
 Length 85.30, Rotation CR,
 Brush gear w/o, Magnets w/


230459 Yoke

Replacing: M800X60471
 Servicing: M000T80281, M000T80281A,
 M000T80281B, M000T80281ZC, M000T80285,
 M000T80285A, M000T80881, M000T81681,
 M000T83981
 12 V, 1.2 kW, OD/middle 70.65,
 Length 54.70, Rotation CR,
 Brush gear w/o, Magnets w/


230498 Yoke

Replacing: M800X61672, M800X61671
 Servicing: M000T60081, M000T60081A,
 M000T60181, M000T85381, M000T85681,
 M000T85681ZC, M000T85781, M000T85881,
 M000T85981
 12 V, 1.4 kW, OD/middle 70.60,
 Length 60.00, Brush gear w/o,
 Magnets w/



331527 Yoke

Servicing: M000T45171, M000T45171ZT, MOT45171, MOT45171ZT
 12 V, 0.8 kW, OD/middle 70.57, Length 79.00, Rotation CR, Brush gear w/o, Magnets w/

Field Cases



135784 Field Case

Replacing: M800X49671, M800T43972, M800T35171
 Servicing: M002T54271, M002T54371, M002T54372, M002T54771, M002T56171, M002T56181, M002T56182, M002T56185, M002T56471, M002T56472
 12 V, 2 kW, OD/middle 81.50, Length 75.60, Brush gear w/o



135802 Field Case

Replacing: MD604642
 12 V, 0.6/0.7 kW, OD/middle 76.00, Length 77.00, Brush gear w/o



135831 Field Case

Replacing: M800T34172, M800T34171
 Servicing: M002T10471, M003T10372, M003T10473, M003T10475, M003T10476, M003T10672, M003T11272, M003T20081, M003T20681, M003T21281
 12 V, 0.8 kW, OD/middle 89.30, Length 83.70, Brush gear w/o



135903 Field Case

Replacing: MD618270, MD611527, MD611023, M800X45273, M800X45272, M800X45271, M800T47071, M800T45273
 Servicing: M002T60071, M002T60072, M002T60171, M002T60172, M002T60185, M002T61072, M002T92071, M002T92171, M002T92172, M2T60071
 12 V, 2.2 kW, OD/middle 80.65, Length 101.65, Brush gear w/o



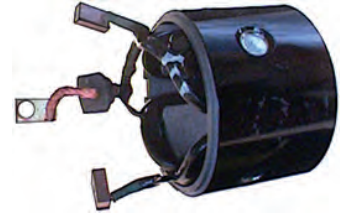
135927 Field Case

Replacing: M800X54673, M800X54671, M800X52872, M800T54671, M800T52871, M800T38371, M800T35671
 Servicing: M002T10171, M002T20181D, M002T30481, M002T30581, M002T30586, M002T30881, M002T31081, M002T32281, M002T41381, M002T41581
 12 V, 0.8 kW, OD/middle 80.50, Length 65.55, Brush gear w/o



136099 Field Case

Replacing: MM502416, M800T34971
 Servicing: M003T24482, M003T30081, M003T30082, M003T30088, M003T30281, M003T30282, M003T30285, M003T30286, M003T30781, M003T30782
 12 V, 0.8 kW, OD/middle 89.00, Length 70.45, Brush gear w/o



136135 Field Case

Replacing: M800X38973, M800X38871, M800T55971, M800T52971, M800T51871, M800T50471, M800T38973, M800T38972
 Servicing: M001T72581, M003T10476D, M003T21281D, M003T21882D, M003T24482H, M003T24482HC, M003T24482J, M003T24482K, M003T24486A
 12 V, 0.8 kW, OD/middle 89.50, Length 62.00, Brush gear w/o



136377 Field Case

Replacing: M800T50373
 Servicing: M002T51281, M002T51282, M002T52281, M002T54091, M002T58381, M2T51281, M2T51282, M2T52281, M2T54091, M2T58381
 12 V, 1.4 kW, OD/middle 80.00



136938 Field Case

Replacing: M800X43574, M800X43573, M800T47371, M800T43571
 Servicing: 34466-15101, 34466-15102, M002T64271, M002T64373, M002T65271, M002T65272, M002T66871, M002T66872, M002T66873
 24 V, 3.2 kW, OD/middle 81.00, Length 85.00, Brush gear w/o
 Brush set: HC-CARGO 141273.



138198 Field Case

Replacing: M800X47171, M800X46171
 Servicing: M002T63171, M002T92171, M002T92172, M002T92172A, M2T63171, M2T92171, M2T92172, M2T92172A, MD191437
 12 V, 2.2 kW, OD/middle 81.75, Length 84.65, Brush gear w/o


139361 Field Case

Replacing: MD618966, M800X49772, M800X49771
 Servicing: 32A66-10101, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T84771, M002T87671, M002T88372
 12 V, 2 kW, OD/middle 77.00, Length 63.00, Brush gear w/o
 Brush set: HC-CARGO 140347.


230649 Field Case

Replacing: M800X44974, M800X44972
 Servicing: M002T56272, M2T56272, MM409412, MM409413
 12 V, 2 kW, OD/middle 80.75, Length 84.50, Brush gear w/o


230717 Field Case

Replacing: MD618269, M800X70171, M800X47072, M800X47071, M00800X47072
 Servicing: M002T60185, M002T60271, M002T61071, M002T61072, M002T61171, M002T61271, M002T61371, M002T61771, M002T62271, M002T62771
 12 V, 2.2 kW, OD/middle 80.45, Length 84.60, Brush gear w/o


231314 Field Case

Replacing: M800X35186
 Servicing: M002T54571, M002T54572, M2T54571, M2T54572
 12 V, 2.7 kW, OD/middle 80.70, Length 84.85, Brush gear w/o


231504 Field Case

Replacing: MD618974, M800X49877, M800X49871
 Servicing: 1810A050, 1810A050R, 1810A053, M002T85271, M002T85671, M002T85672, M002T85871, M002T87071, M002T87071ZT, M002T87072ZT
 12 V, 2.2 kW, OD/middle 81.65, Length 71.75, Brush gear w/o
 Field coil only: HC-CARGO 234338.


231772 Field Case

Replacing: ME700992, M800T46371
 Servicing: M002T78372, M002T78381, M002T78382, M002T78481, M2T78372, M2T78381, M2T78382, M2T78481, ME087590
 24 V, 5 kW, OD/middle 80.65, Length 101.60, Brush gear w/o


232970 Field Case

Servicing: M003T90071, M003T90072, M3T90071, M3T90072, M3T90271
 12 V, 3.6 kW, OD/middle 90.55, Length 105.70, Brush gear w/o
 Terminal kit: HC-CARGO 233065.


234266 Field Case

Replacing: M800X70787, M800X70772
 Servicing: M008T80071, M008T80071A, M008T80071B, M8T80071, M8T80071A, M8T80071B, ME012995, ME013008, ME014418
 24 V, 3.2 kW, OD/middle 81.65, Length 71.60, Brush gear w/o


237832 Yoke

Servicing: M009T80472, M009T80473, M009T83671, M009T83672, M9T80472, M9T80473, M9T83671, M9T83672
 24 V, 6.2 kW, OD/middle 105.30, Length 108.20, Rotation CR

Field Coils
12 V

231872 Field Coil

Servicing: M001T50172, M1T50172
 12 V, 1.7 kW, Height 79.15, Width 165.20, Internal height 42.55, Inner width 14.30

24 V

234101 Field Coil

Servicing: M003T56174, M003T56181, M003T56182, M003T56183, M3T56174, M3T56181, M3T56182, M3T56183
 24 V, 5 kW, Height 91.50, Internal height 55.60, Inner width 21.35

C.E. Brackets

137219 C.E. Bracket

Replacing: MD618458, MD607645, M644X21671, M644B21201, M644B10601, M642X40871, M642X33371, M641B10601
 Servicing: M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T54771, M002T56171, M002T56181, M002T56182
 ID 76.50



139236 C.E. Bracket

Replacing: MM502346, M644B10201

Servicing: M002T24081, M002T24181, M002T25083, M002T25481, M002T25581, M002T25681, M002T25681G, M002T50171, M002T50181, M002T50281

ID 76.00



230872 C.E. Bracket

Replacing: M642X40273, M642X31373, M642X16873, M642X16872, M642X16871

Servicing: M000T85681, M000T85681ZC, M000T85881, M000T86081, M001T60081, M001T60181, M001T60381, M001T60581, M001T61181



231000 C.E. Bracket

Replacing: MD607927, M642B16371

Servicing: M003T10476D, M003T21281D, M003T21882D, M003T24482H, M003T24482HC, M003T24482J, M003T24482K, M003T24486A, M003T24486H

ID 84.50



231264 C.E. Bracket

Replacing: M642X19373, M642X18171

Servicing: M001T30071, M001T30072, M001T60281, M001T60285, M001T60285A, M001T68381, M001T70483, M001T70483ZC, M001T70485A

ID 72.50



231291 C.E. Bracket

Replacing: M644B16403, M642X19273, M642X18873, M642X17373

Servicing: M001T70481, M001T70481ZC, M001T70482, M001T70485, M001T70981, M001T70982, M001T70985, M001T71081, M001T71281



231502 C.E. Bracket

Replacing: MD602211, M642B14371, M642B10271

Servicing: A3T22681, M002T10171, M002T10471, M002T20181, M002T20181A, M003T10372, M003T10473, M003T10475, M003T10476, M003T10672

ID 85.00



231503 C.E. Bracket

Replacing: MD618968, M642X28771

Servicing: 1810A053, M002T80582, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T85671

ID 76.50



231580# C.E. Bracket

Replacing: MD611047, M642B15871

Servicing: M002T20181, M002T20181D, M002T30381, M002T30385, M002T30481, M002T30581, M002T30585, M002T30586, M002T30681, M002T30786

ID 75.80



232490 C.E. Bracket

Replacing: M644B20701

Servicing: M003T54071, M003T56071, M003T56072, M003T56082, M003T56174, M003T56181, M003T56182, M003T56183, M003T56272, M003T67671

ID 84.50



234047 C.E. Bracket

Replacing: M642X29871

Servicing: 1810A050, 1810A050R, 32A66-10101, M008T70371, M008T71571, M008T75071, M008T75071A, M008T75073, M008T75073A, M008T75074

ID 75.45

D.E. Brackets



135483 D.E. Bracket

Replacing: M641X04683, M641X04681, M641X04678, M641X04675, M641X04672

Servicing: M003T11272, M003T21281, M003T21282, M003T21781, M003T21881, M003T21882, M003T25181, M3T11272, M3T21281, M3T21282



135485 D.E. Bracket

Replacing: MD618442, MD611371, MD611080, MD607923, M641X33184, M641X33175, M641X33173, M641X33172, M641X33171

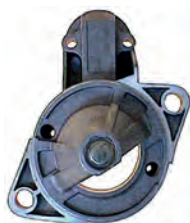
Servicing: M003T32588, M003T32589, M003T32591, M003T32592, M003T32593, M003T41081, M003T41083, M003T41088, M003T41282, M3T32588


136068 D.E. Bracket

Replacing: MM502527, M641X84371
 Servicing: M002T58581, M2T58581, MM115518


136753 D.E. Bracket

Replacing: M641X81471, M641X80371, M641X37772, M641X37771
 Servicing: M003T30881, M003T33281, M003T38881, M003T38882, M003T38883, M003T38885, M003T49581, M3T24482L, M3T30881, M3T33281


136762 D.E. Bracket

Replacing: M641X35674, M641X35673, M641X35671
 Servicing: M003T21281D, M003T21781, M003T21882D, M3T21281D, M3T21781, M3T21781D, M3T21882D


137221 D.E. Bracket

Replacing: M641X71871
 Servicing: M002T63171, M002T74171, M2T63171, M2T74171, MD140190, MD164976, MD191437


137641 D.E. Bracket

Replacing: M641X71278, M641X71272
 Servicing: M002T67881, M002T67882, M002T67883, M002T67884, M2T67881, M2T67882, M2T67883, M2T67884, ME017036, ME017085, ME017089


137710 D.E. Bracket

Replacing: M641X43077, M641X43075
 Servicing: M003T10473, M003T10475, M003T10476, M003T11174, M3T10473, M3T10475, M3T10476, M3T11173, M3T11174


137712# D.E. Bracket

Replacing: M641X67371, M641X63271
 Servicing: M002T56471, M002T56472, M002T56475, M002T65271, M002T65272, M2T56471, M2T56472, M2T56475, M2T65271, M2T65272


138405 D.E. Bracket

Replacing: MD607847, M641X67771, M641X66173, M641X66172
 Servicing: M002T56181, M002T56182, M002T56185, M002T57271, M2T56181, M2T56182, M2T56185, M2T57271, MD061154, MD069166, MD070934


139235# D.E. Bracket

Replacing: MD618608, M641X96172
 Servicing: M002T44081, M002T44681, M002T49881, M2T44081, M2T44681, M2T49881, MD161437, MD180238, MD316001


230567 D.E. Bracket

Replacing: M641X35772, M641X35771
 Servicing: M003T34781, M003T34782, M003T38981, M003T41781, M3T34781, M3T34782, M3T38981, M3T41781


230568 D.E. Bracket

Replacing: M641X83771
 Servicing: M001T72481, M001T72481ZC, M001T72483, M001T72483ZC, M001T74581, M001T74583, M1T72481, M1T72481ZC, M1T72483, M1T72483ZC


230648 D.E. Bracket

Replacing: M641X65472, M641X65471
 Servicing: M002T56272, M2T56272, M2T65671, MM409412, MM409413


231193 D.E. Bracket

Replacing: M641X89671
 Servicing: M003T42781, M003T42781ZC, M0A01901, M3T42781, M3T42781ZC, MD162838


231364 D.E. Bracket

Servicing: M001T74281, M001T74281ZC, M001T74283, M001T74283ZC, M001T74286ZC, M001T74287ZC, M001T84381ZC, M001T84382ZC, M1T74281


231366# D.E. Bracket

Replacing: M641X32972
 Servicing: M002T30481, M002T30581, M002T30585, M002T30586, M002T41381, M002T41581, M002T41586, M002T42381, M2T30481, M2T30581


231367 D.E. Bracket

Replacing: M641XA4572, M641XA4571
 Servicing: M001T74283, M001T79681, M001T79781, M1T74283, M1T79681, M1T79781, MD318086, MD320618


231788 D.E. Bracket

Replacing: M641X88671
 Servicing: M001T60281, M001T60285, M001T60285A, M1T60281, M1T60285, M1T60285A


233455 D.E. Bracket

Replacing: M841X84571
 Servicing: M002T54091, M2T54091


233802# D.E. Bracket

Servicing: 1810A101, M000T80082, M001T80081, M001T80082, M001T90281, M0T80082, M1T80081, M1T80082, M1T90281


233904 D.E. Bracket

Replacing: MM502398, M641X03972, M641X03971
 Servicing: M002T50371, M002T50381, M2T50371, M2T50381, MM409410


233906# D.E. Bracket

Replacing: M641XA2971
 Servicing: M003T44081, M003T44091ZT, M3T44081, M3T44091ZT, MD301348, MD301348G


234034 D.E. Bracket

Servicing: M001T79481, M001T79482, M1T79481, M1T79482


234046 D.E. Bracket

Replacing: M641XA3471
 Servicing: M008T75071, M008T75073, M008T75074ZT, M8T75071, M8T75073, M8T75074ZT, ME201650, ME201650A, ME202970


234225 D.E. Bracket

Servicing: M001T76481, M001T79581, M1T76481, M1T79581


234539 D.E. Bracket

Replacing: M641XA2072
 Servicing: M002T87171, M002T87171ZT, M2T87171, M2T87171ZT, MD315548


234704 D.E. Bracket

Replacing: M641X99271
 Servicing: M003T43381, M3T43381, MD192227
 Bushing in D.E. bracket: HC-CARGO 140186, 140187, 140194.



234706[#] D.E. Bracket
 Replacing: M641X06987, M641X06976
 Servicing: M003T24481, M003T24482, M003T24482A, M003T24486, M003T30281, M003T30282, M003T30285, M003T30286, M003T33581, M003T33582



234931 D.E. Bracket
 Servicing: M002T87671, M2T87671



235123 D.E. Bracket
 Servicing: M001T80381, M001T80481, M1T80381, M1T80481



235329 D.E. Bracket
 Replacing: M641XA0872
 Servicing: 1810A053, M002T87071, M002T87071ZT, M002T87072ZT, M2T87071, M2T87071ZT, M2T87072ZT, MD312858
 Needle bearing: HC-CARGO 141090.



235339[#] D.E. Bracket
 Replacing: M641XB2971
 Servicing: M002T87971, M2T87971, MD344182



235834[#] D.E. Bracket
 Replacing: M641XB2871
 Servicing: M002T88071, M2T88071



235898[#] D.E. Bracket
 Replacing: M641X35372
 Servicing: M003T29482, M3T29482, M3T29482D



239831 D.E. Bracket
 Servicing: M001T30071, M001T30072, M1T30071, M1T30072, M1T30073

I.M. Brackets



138619 I.M. Bracket
 Replacing: MD611018, M640B28371
 Servicing: M002T60171, M002T60172, M002T60185, M002T61071, M002T61072, M002T61171, M002T61271, M002T62771, M002T62971, M002T63171



230647 I.M. Bracket
 Replacing: M640B13472
 Servicing: M002T51281, M002T51282, M002T52281, M002T54085, M002T54091, M002T58981, M2T51281, M2T51282, M2T52281, M2T54085



231196 I.M. Bracket
 Replacing: MD607794, M640B28071
 Servicing: M002T56181, M002T56182, M002T56185, M002T57271, M002T57273, M002T57771, M002T57773, M002T74171, M2T56181, M2T56182



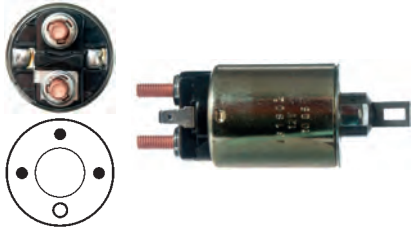
231813 I.M. Bracket
 Replacing: ME700972, M640B28771
 Servicing: M002T57871, M002T57881, M002T61771, M002T67881, M002T67882, M002T67883, M002T67884, M2T57871, M2T57881, M2T61771
 ID 76.50



231988 I.M. Bracket
 Replacing: M640B26571
 Servicing: M002T54671, M002T54671, M002T56472, M002T57371, M002T65271, M002T65272, M003T64172, M2T54671, M2T56471, M2T56472

Solenoids

12 V



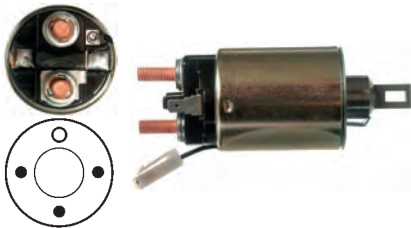
131802 Solenoid

Replacing: MD607933, M371X82373, M371X81871, M371X81371, M371X80571, M371X55072, M371X55071, M371X54871

Servicing: M001T50471, M002T10171, M002T10271, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23181, M002T50581, M002T50981

12 V, B+ M8, Kl. 50 6.30, OD 51.30, OD/cover 44.75, Total length 131.00, Height/B+ 18.25, Width/kl. 50 15.10, Coil bolt M8, Coil bolt 2 18.25, No./terminals 3

Cap: HC-CARGO 133273.



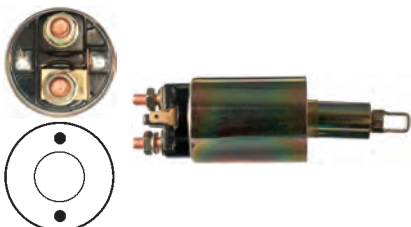
132095 Solenoid

Replacing: M371X33371, M371X31271

Servicing: M001T73481A, M001T75381A, M002T10471, M002T23081, M002T25772, M003T10372, M003T20081, M003T20381, M003T20781

12 V, B+ M8, Kl. 50 6.30, OD 51.40, OD/cover 44.80, Total length 130.70, Height/B+ 18.25, Width/kl. 50 16.10, Coil bolt M8, Coil bolt 2 18.50, No./terminals 4

Cap: HC-CARGO 133113.



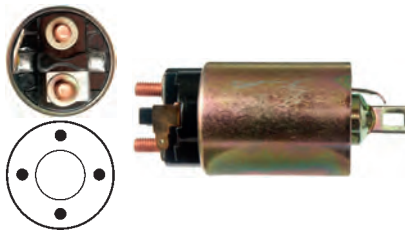
132470 Solenoid

Replacing: M371X41971, M371X14571, M371X12571, M371X11171

Servicing: M5T20171, M5T23271, M5T23272

12 V, B+ M8, Kl. 50 9.40, ID/cover 21.20, OD 52.00, OD/cover 45.35, Total length 134.20, Height/B+ 14.75, Width/kl. 50 12.00, Coil bolt M8, Coil bolt 2 15.00, No./terminals 3

Cap: HC-CARGO 230005.



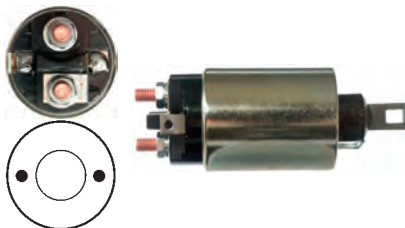
132471 Solenoid

Replacing: M371X46071

Servicing: M002T51083, M002T54771, M002T57371, M002T90071, M002T92171, M002T92172, M002T92172A, M2T51083, M2T54771, M2T57371

12 V, B+ M8, Kl. 50 6.30, OD 55.25, OD/cover 48.85, Total length 134.00, Height/B+ 15.40, Width/kl. 50 21.45, Coil bolt M8, Coil bolt 2 13.80, No./terminals 3

Cap: HC-CARGO 134625.



132472 Solenoid

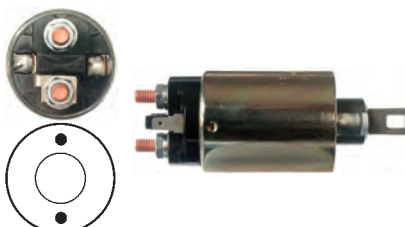
Replacing: ME700115, MD607448, M372X06871, M372X02371, M372X02171, M372X00171, M371X45971

Servicing: 32A66-10101, M002T51085, M002T54271, M002T54272, M002T54871, M002T54881, M002T54882, M002T56071, M002T56072, M002T56471

12 V, B+ M8, Kl. 50 9.40, OD 55.00, OD/cover 49.10, Total length 148.75, Height/B+ 18.00, Width/kl. 50 13.20, Coil bolt M8, Coil bolt 2 18.20, No./terminals 3

Cap: HC-CARGO 133286.

Alternative no.: 335194



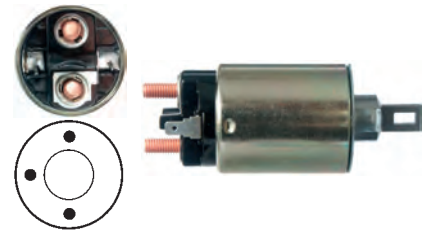
132473 Solenoid

Replacing: M372X04171

Servicing: M002T51082, M002T51083, M002T51085, M002T51805, M002T54371, M002T54372, M002T54771, M002T57271, M002T57273, M002T57771

12 V, B+ M8, Kl. 50 6.30, OD 54.75, OD/cover 49.20, Total length 148.30, Height/B+ 18.00, Width/kl. 50 16.00, Coil bolt M8, Coil bolt 2 18.15, No./terminals 3

Cap: HC-CARGO 134625.



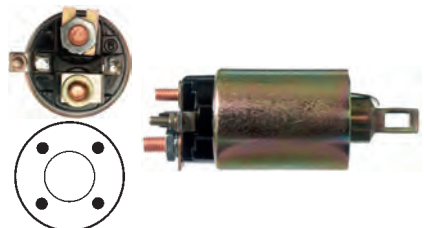
132763 Solenoid

Replacing: M371X01871

Servicing: M002T50171, M002T50371, M002T50381, M002T50391, M002T50481, M002T50485, M002T52071, M003T10071, M003T10271, M003T10272

12 V, B+ M8, Kl. 50 6.30, OD 51.35, OD/cover 45.30, Total length 126.60, Height/B+ 16.70, Width/kl. 50 16.20, Coil bolt M8, Coil bolt 2 15.90, No./terminals 3

Cap: HC-CARGO 133284.



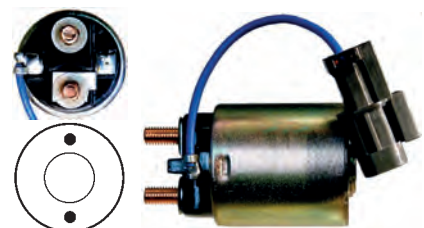
132917 Solenoid

Replacing: MM502322, M371X45471

Servicing: M005T22175, M005T22176, M5T22175, M5T22176, M5T22371

12 V, B+ M10, Kl. 50 9.40, OD 55.20, OD/cover 48.50, Total length 146.00, Height/B+ 19.65, Width/kl. 50 10.65, Coil bolt M10, Coil bolt 2 13.00, No./terminals 3

Cap: HC-CARGO 133287.



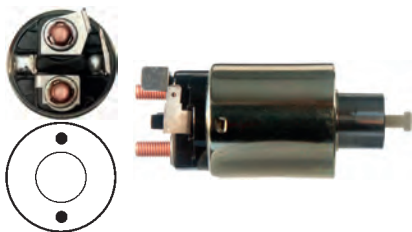
133039 Solenoid

Replacing: M371X68771

Servicing: M001T70985, M001T71681, M1T70985, M1T71581, M1T71681

12 V, B+ M8, ID/cover 24.80, OD 51.70, OD/cover 44.75, Total length 100.70, Height/B+ 15.15, Coil bolt M8, Coil bolt 2 15.25, No./terminals 3

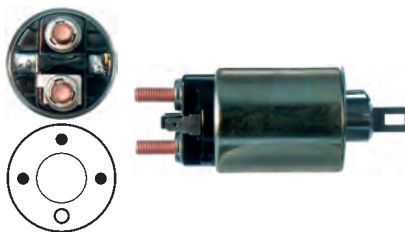
Cap: HC-CARGO 138822.


133049 Solenoid

Replacing: MD611591, M375X95475, M371X97275, M371X95073, M371X93771, M371X93475, M371X74871, M371X74571

Servicing: M000T32771, M000T71581, M000T71681, M000T80881, M000T91381, M001T60081, M001T60185, M001T70781, M001T70881, M001T70881A

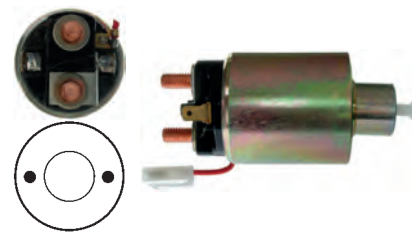
12 V, B+ M8, Kl. 50 6.30, ID/cover 25.10, OD 51.50, OD/cover 45.15, Total length 123.80, Height/B+ 14.45, Width/kl. 50 22.00, Coil bolt M8, Coil bolt 2 15.65, No./terminals 3
Cap: HC-CARGO 133285.


133053 Solenoid

Replacing: MD607412, M371X59671, M371X36271

Servicing: M001T50172, M002T51281, M002T51282, M002T52281, M002T53081, M002T53082, M002T53085, M002T61871, M002T61871A

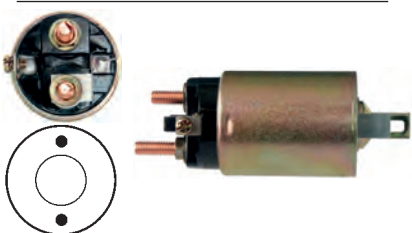
12 V, B+ M8, Kl. 50 6.30, OD 51.20, OD/cover 45.20, Total length 132.00, Height/B+ 19.00, Width/kl. 50 16.35, Coil bolt M8, Coil bolt 2 19.00, No./terminals 3
Cap: HC-CARGO 133273.


135590 Solenoid

Replacing: M371X79273, M371X63571, M371X63271, M371X63171, M371X61571

Servicing: M002T30385, M002T30585, M002T30586, M002T41881, M003T24486A, M003T24486H, M003T32782D, M003T33586A, M003T33586D

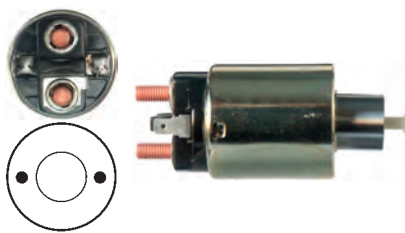
12 V, B+ M8, Kl. 15a 6.30, ID/cover 25.00, OD 52.15, OD/cover 45.30, Total length 100.90, Height/B+ 13.60, Width/kl. 15a 13.75, Coil bolt M8, Coil bolt 2 14.15, No./terminals 4
Cap: HC-CARGO 137797.


133050 Solenoid

Replacing: M372X00371

Servicing: M002T54671, M002T56471, M002T56472, M002T60271, M002T61371, M003T64172, M2T54671, M2T55571, M2T56471, M2T56472

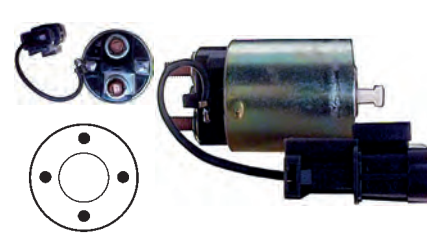
12 V, B+ M8, Kl. 50 9.40, OD 55.15, OD/cover 48.60, Total length 144.00, Height/B+ 27.65, Width/kl. 50 12.45, Coil bolt M8, Coil bolt 2 19.40, No./terminals 3
Cap: HC-CARGO 133286.


133288 Solenoid

Replacing: MD618543, M375X00171, M373X71973, M371XA0373, M371X98075, M371X74771, M371X72175, M371X72173

Servicing: M000T20171, M000T30471, M000T30571, M000T71385, M000T71881, M000T80081, M000T81482, M000T81681, M000T81981, M000T83981

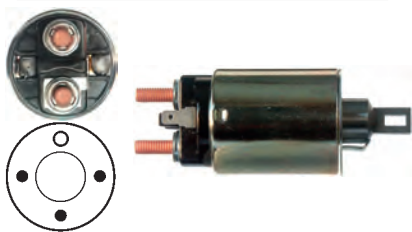
12 V, B+ M8, Kl. 50 6.30, ID/cover 25.00, OD 51.40, OD/cover 44.50, Total length 122.65, Height/B+ 16.40, Width/kl. 50 15.00, Coil bolt M8, Coil bolt 2 15.70, No./terminals 3
Cap: HC-CARGO 133287.


136327 Solenoid

Replacing: M371X69671, M371X68971

Servicing: M001T70685, M001T73481A, M001T75381, M001T75381A, M1T70685, M1T70687, M1T73481A, M1T75381, M1T75381A

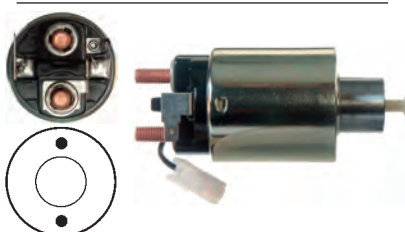
12 V, B+ M8, ID/cover 25.15, OD 52.15, OD/cover 45.00, Total length 100.80, Height/B+ 14.40, Coil bolt M8, Coil bolt 2 14.45, No./terminals 4
Cap: HC-CARGO 137871.


133052 Solenoid

Replacing: MM502465, MM502461, MD607434, M371X83071, M371X82671, M371X81271, M371X80771, M371X80371

Servicing: A3T22681, M001T50071, M001T50171, M002T23685, M002T25481, M002T25681, M002T25681G, M002T50171, M002T50181, M002T50281

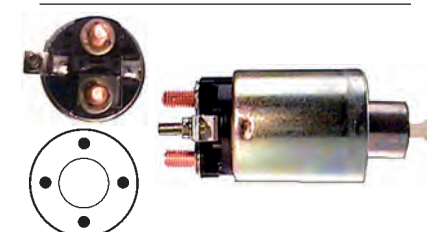
12 V, B+ M8, Kl. 50 6.30, OD 51.45, OD/cover 45.40, Total length 132.45, Height/B+ 18.55, Width/kl. 50 15.55, Coil bolt M8, Coil bolt 2 19.00, No./terminals 3
Cap: HC-CARGO 133287.


133289 Solenoid

Replacing: MD618613, MD618581, MD607997, M371X74671, M371X60271

Servicing: M000T70381, M001T70481, M001T70481ZC, M001T70482, M001T70483, M001T70483ZC, M001T70485, M001T70485A, M001T73381

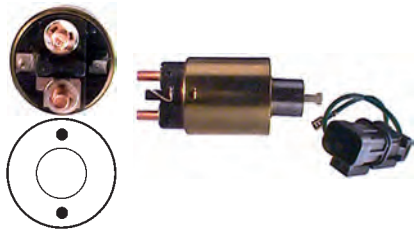
12 V, B+ M8, Kl. 50 6.30, ID/cover 25.15, OD 51.55, OD/cover 45.15, Total length 122.30, Height/B+ 16.55, Width/kl. 50 21.00, Coil bolt M8, Coil bolt 2 16.00, No./terminals 4
Cap: HC-CARGO 134915.


137813 Solenoid

Replacing: M371X94071, M371X75071, M371X62571

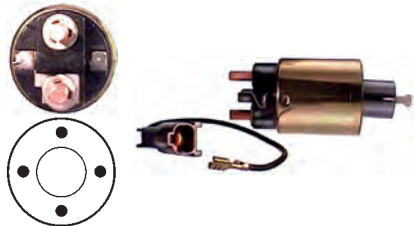
Servicing: M001T74281, M001T74281ZC, M001T74283, M001T74283ZC, M001T74286ZC, M001T74287ZC, M001T79481, M001T79482, M001T84381ZC

12 V, B+ M8, Kl. 50 M5, OD 51.40, OD/cover 45.25, Total length 123.70, Height/B+ 16.80, Width/kl. 50 9.75, Coil bolt M8, Coil bolt 2 16.00, No./terminals 3
Cap: HC-CARGO 232225.



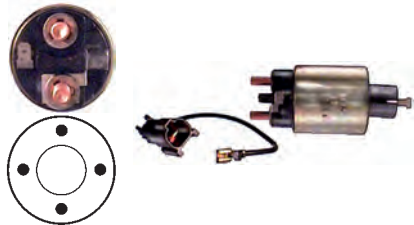
137930 Solenoid

Replacing: M371X92575, M371X78371, M371X66371, M371X64371
 Servicing: M001T60281, M001T60285, M001T60285A, M001T70686, M003T38482, M003T41186, M1T60281, M1T60285, M1T60285A, M1T70686
 12 V, B+ M8, ID/cover 25.20, OD 52.15, OD/cover 45.10, Total length 101.60, Height/B+ 14.15, Coil bolt M8, Coil bolt 2 14.40, No./terminals 3
 Cap: HC-CARGO 137931.



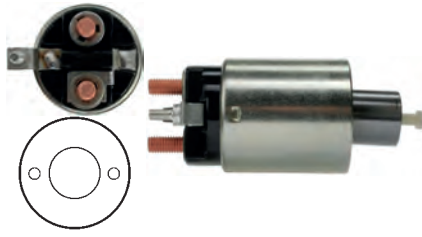
138011 Solenoid

Replacing: M371X76371, M371X76275, M371X69171
 Servicing: M000T60081, M000T60081A, M001T72281, M001T72281A, M001T72285, M001T72781A, M001T72781B, M001T72985, M001T78881
 12 V, B+ M8, ID/cover 25.20, OD 51.50, OD/cover 45.20, Total length 123.30, Height/B+ 16.30, Coil bolt M8, Coil bolt 2 15.75, No./terminals 3
 Cap: HC-CARGO 138821.



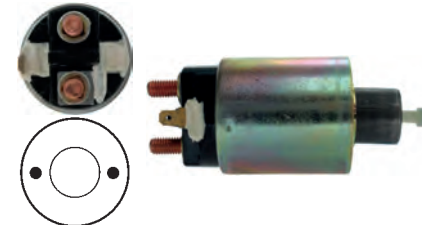
138012 Solenoid

Replacing: M385X00271, M375X00271, M371X76875, M371X76871, M371X64771
 Servicing: M000T70281, M000T70285, M000T80285, M000T80285A, M001T72085, M001T72086, M001T72086A, M001T72087, M001T72087A
 12 V, B+ M8, ID/cover 25.25, OD 51.30, OD/cover 45.30, Total length 125.00, Height/B+ 17.85, Coil bolt M8, Coil bolt 2 16.85, No./terminals 3
 Cap: HC-CARGO 231107.



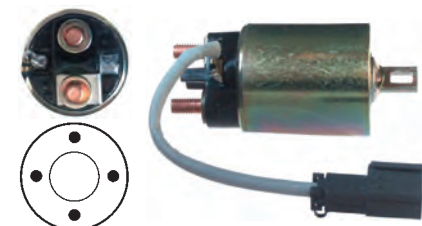
138013 Solenoid

Servicing: M001T76081, M1T76081
 12 V, B+ M8, Kl. 50 9.40, ID/cover 25.15, OD 51.60, OD/cover 45.15, Total length 124.00, Height/B+ 16.55, Width/kl. 50 12.10, Coil bolt M8, Coil bolt 2 16.10, No./terminals 3



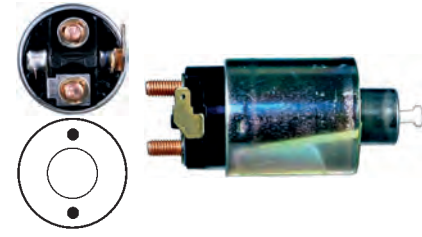
138618 Solenoid

Replacing: M371X93575, M371X72271
 Servicing: M001T60381, M001T66081, M1T60381, M1T66081
 12 V, B+ M8, Kl. 50 6.30, ID/cover 24.70, OD 51.15, OD/cover 44.85, Total length 120.00, Height/B+ 14.50, Coil bolt M8, Coil bolt 2 14.00, No./terminals 3
 Cap: HC-CARGO 133287.



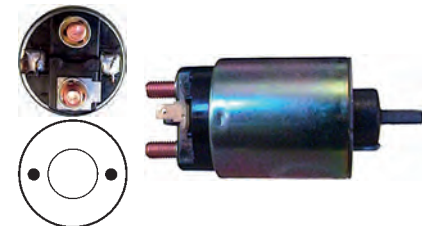
138820 Solenoid

Replacing: M371X52471
 Servicing: M002T23685, M002T25481, M002T53881, M002T58481, M2T23685, M2T25481, M2T53881, M2T58481
 12 V, B+ M8, ID/cover 22.25, OD 52.20, OD/cover 45.20, Total length 114.75, Height/B+ 15.55, Coil bolt M8, Coil bolt 2 15.45, No./terminals 3
 Cap: HC-CARGO 134626.



139202 Solenoid

Replacing: MD619101, M371XA1874, M371X93975, M371X74071
 Servicing: M000T80381, M000T80581, M000T81281, M000T81283, M000T81284, M000T82281, M000T85981, M001T77081, M001T77381
 12 V, B+ M8, Kl. 50 6.30, ID/cover 24.85, OD 51.15, OD/cover 45.10, Total length 120.80, Height/B+ 15.00, Width/kl. 50 20.95, Coil bolt M8, Coil bolt 2 14.10, No./terminals 3
 Cap: HC-CARGO 230385.



139408 Solenoid

Replacing: MD618509, M371X80671
 Servicing: M002T25481, M002T54091, M002T58681, M002T58781, M002T58881, M2T25481, M2T54091, M2T58081, M2T58681, M2T58781, M2T58881
 12 V, B+ M8, Kl. 50 6.30, OD 51.10, OD/cover 44.95, Total length 119.20, Height/B+ 15.00, Width/kl. 50 15.50, Coil bolt M8, Coil bolt 2 14.35, No./terminals 3
 Cap: HC-CARGO 133287.

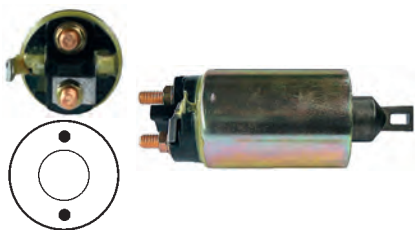


139537 Solenoid

Replacing: ME701462, MD618972, M71XA0274, M371XA0274, M371XA0273
 Servicing: 1810A050, 1810A050R, 1810A053, M001T90081, M001T90081A, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571
 12 V, B+ M8, Kl. 15a 5.00, Kl. 50 6.30, ID/cover 24.80, OD 52.15, OD/cover 45.00, Total length 117.00, Height/B+ 14.50, Width/kl. 15a 11.00, Width/kl. 50 14.55, Coil bolt M8, Coil bolt 2 14.45, No./terminals 4

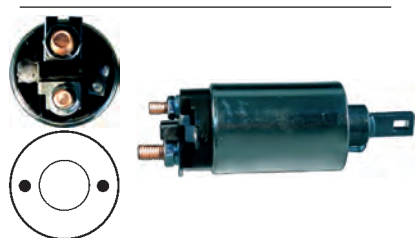
All measurements are in mm, unless else stated.
 *Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.


139586 Solenoid

Replacing: M372X01171

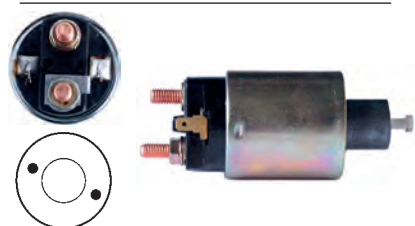
Servicing: M002T54571, M002T54572, M2T54571, M2T54572

 12 V, B+ M8, Kl. 50 9.40, OD 55.20, OD/cover 48.55, Total length 156.25, Height/B+ 21.30, Width/kl. 50 13.50, Coil bolt M8, Coil bolt 2 18.20, No./terminals 3
 Cap: HC-CARGO 133286.

139614 Solenoid

Replacing: M372X07471, M372X06971

Servicing: M003T90071, M003T90072, M3T90071, M3T90072

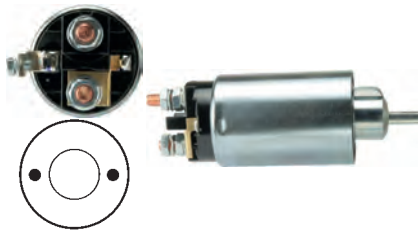
12 V, B+ M10, Kl. 50 M5, OD 55.00, OD/cover 49.00, Total length 171.15, Height/B+ 23.65, Width/kl. 50 9.15, Coil bolt M8, Coil bolt 2 10.00, No./terminals 3


230199 Solenoid

Replacing: M371XA0773

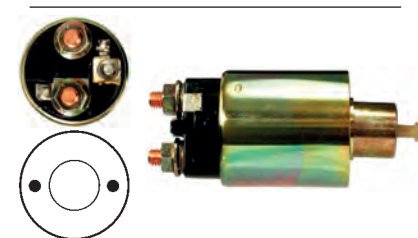
Servicing: M001T66081, M008T70071, M1T66081, M8T70071

12 V, B+ M8, Kl. 50 6.30, ID/cover 24.85, OD 51.15, OD/cover 44.75, Total length 127.50, Height/B+ 20.20, Width/kl. 50 14.80, Coil bolt M8, Coil bolt 2 14.25, No./terminals 3


230204 Solenoid

Replacing: M372X02471

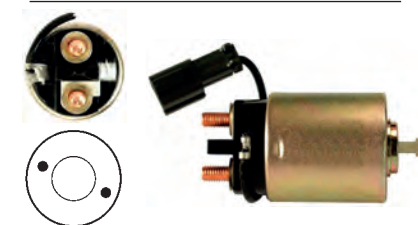
Servicing: M002T62271, M003T67671, M2T62271, M3T67171, M3T67172, M3T67671

 12 V, B+ M8, Kl. 50 9.40, OD 55.25, OD/cover 48.45, Total length 158.00, Height/B+ 21.40, Width/kl. 50 11.30, Coil bolt M8, Coil bolt 2 16.50, No./terminals 3
 Cap: HC-CARGO 134625.

230788 Solenoid

Servicing: M000T20871, M000T20871ZE, M000T20872, M000T20872ZE, M000T80082, M000T82081, M000T82081ZE, M000T85381, M001T80081

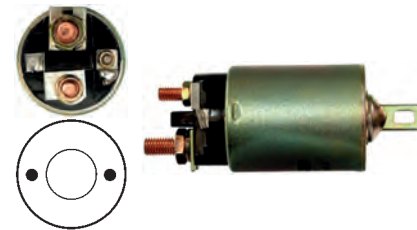
 12 V, B+ M8, Kl. 50 M5, ID/cover 24.95, OD 51.25, OD/cover 44.55, Total length 118.40, Height/B+ 14.15, Width/kl. 50 13.15, Coil bolt M8, Coil bolt 2 13.85, No./terminals 3
 Cap: HC-CARGO 139600, 230788 may only be used for applications before 06/2007.

Alternative no.: F032230788


231454 Solenoid

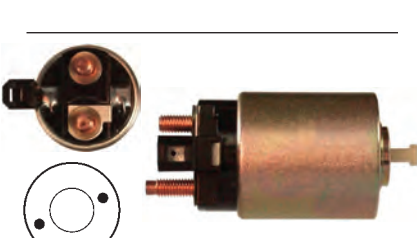
Replacing: M375X00371

Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M001T64285, MOT80281, MOT80281A, MOT80281B, MOT80281ZC, M1T64285

 12 V, B+ M8, ID/cover 24.70, OD 51.55, OD/cover 45.15, Total length 105.00, Height/B+ 14.40, Coil bolt M8, Coil bolt 2 14.40, No./terminals 3
 Cap: HC-CARGO 231107.

231457 Solenoid

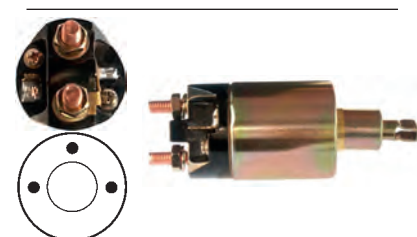
Replacing: M372X06171

Servicing: M002T54471, M008T50071, M008T70471, M008T70971, M2T54471, M8T50071, M8T70971

 12 V, B+ M10, Kl. 50 M5, OD 55.15, OD/cover 48.55, Total length 143.00, Height/B+ 25.25, Width/kl. 50 11.30, Coil bolt M8, Coil bolt 2 18.95, No./terminals 3
 Cap: HC-CARGO 231458.

231820 Solenoid

Replacing: M372X79873

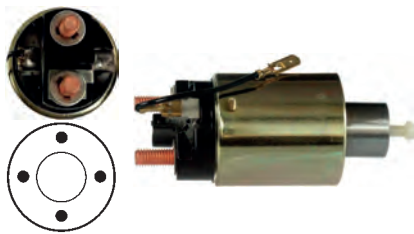
Servicing: M001T78581, M001T78681, M1T78581, M1T78681

 12 V, B+ M8, Kl. 50 6.30, ID/cover 25.20, OD 51.30, OD/cover 45.15, Total length 123.20, Height/B+ 16.60, Coil bolt M8, Coil bolt 2 15.65, No./terminals 3
 Cap: HC-CARGO 232019.

231976 Solenoid

Replacing: MD607549, MD602879, MD602074, M371X02871, M371X00392, M371X00372, M371X00171

Servicing: M001T50171, M002T50285, M002T52082, M002T53882, M002T54091, M003T10473, M003T10977, M003T12572, M003T15772, M003T20081

12 V, B+ M8, Kl. 50 6.30, ID/cover 22.00, OD 54.30, OD/cover 50.00, Total length 142.00, Height/B+ 20.00, Width/kl. 50 14.00, Coil bolt M8, Coil bolt 2 20.00, No./terminals 3

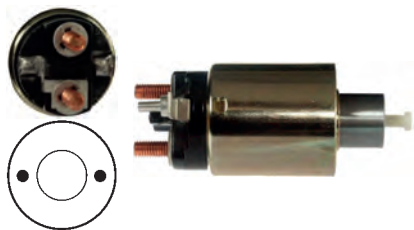


231977 Solenoid

Replacing: MD618728, MD607889, M371X71473, M371X60171

Servicing: M001T70481, M003T25981, M003T32591, M003T33586D, M003T37481, M003T42681, M003T42881, M0T71981, M1T70481, M3T25981

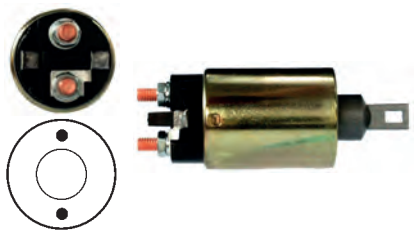
12 V, B+ M8, ID/cover 25.15, OD 51.30, OD/cover 45.25, Total length 123.60, Height/B+ 16.25, Coil bolt M8, Coil bolt 2 15.35, No./terminals 3
Cap: HC-CARGO 133287.



231978 Solenoid

Servicing: M001T73581, M001T74481, M001T74482, M1T73581, M1T74481, M1T74482

12 V, B+ M8, Kl. 50 M5, ID/cover 25.35, OD 51.55, OD/cover 45.15, Total length 123.85, Height/B+ 16.40, Width/kl. 50 9.65, Coil bolt M8, Coil bolt 2 15.75, No./terminals 3

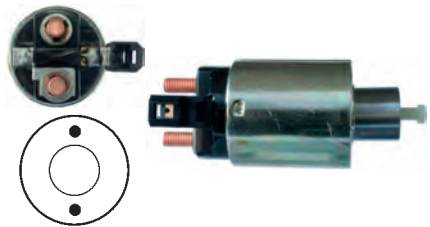


231981 Solenoid

Replacing: MD607634, M372X00471

Servicing: M002T56171, M002T56181, M002T56182, M002T56185, M002T56271, M002T56272, M002T57271, M002T60171, M002T60172, M002T60185

12 V, B+ M8, Kl. 50 6.30, OD 54.80, OD/cover 49.00, Total length 147.65, Height/B+ 17.60, Width/kl. 50 14.45, Coil bolt M8, Coil bolt 2 17.65, No./terminals 3
Cap: HC-CARGO 134626.

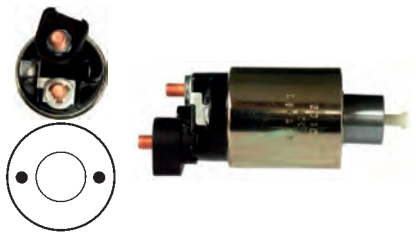


231982 Solenoid

Replacing: M371X78773

Servicing: M001T77777, M001T77777ZC, M001T77781, M1T77777, M1T77777ZC, M1T77781

12 V, B+ M8, Kl. 50 6.30, ID/cover 25.10, OD 51.45, OD/cover 45.20, Total length 122.50, Height/B+ 16.30, Coil bolt M8, Coil bolt 2 15.35, No./terminals 3
Cap: HC-CARGO 232018.

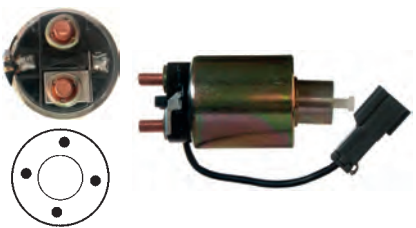


231983 Solenoid

Replacing: M371X66971

Servicing: M002T80081, M002T80681, M2T80081, M2T80281, M2T80481, M2T80681, M2T84471

12 V, B+ M8, Kl. 50 6.30, ID/cover 25.15, OD 51.45, OD/cover 45.15, Total length 134.15, Height/B+ 13.90, Coil bolt M8, Coil bolt 2 9.65, No./terminals 3
Cap: HC-CARGO 232224.



233137 Solenoid

Replacing: M371X17771

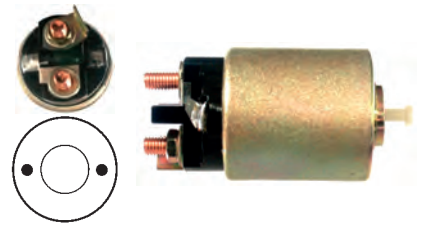
Servicing: M003T26785, M3T26785

12 V, B+ M8, ID/cover 25.00, OD 52.00, OD/cover 45.00, Total length 101.40, Height/B+ 13.85, Coil bolt M8, Coil bolt 2 14.25, No./terminals 3
w/ solenoid plug.



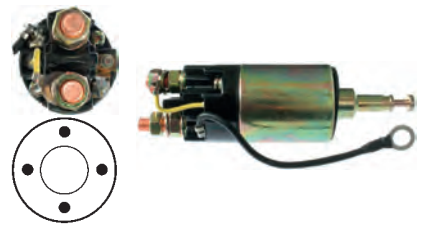
233709 Solenoid

Servicing: 1810A101, M000T86081, M002T80582, M002T84771, M002T87671, M0T86081, M2T80582, M2T84771, M2T87671
12 V, B+ M8, Kl. 50 M5, ID/cover 38.55, OD 52.40, OD/cover 49.65, Total length 116.60, Height/B+ 16.17, Width/kl. 50 10.65, Coil bolt M8, Coil bolt 2 13.40, No./terminals 3
Cap: HC-CARGO 231860.



233889 Solenoid

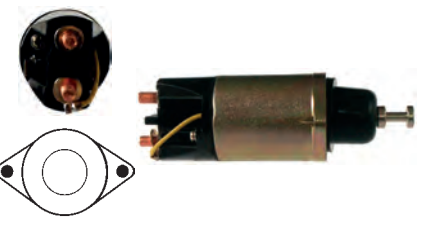
Servicing: M001T78481, M1T78481
12 V, B+ M8, Kl. 50 6.30, ID/cover 24.95, OD 51.75, OD/cover 45.25, Height/B+ 13.15, Total length 100.50, Width/kl. 50 11.60, Coil bolt M8, Coil bolt 2 13.50



234114 Solenoid

Replacing: M373X10581

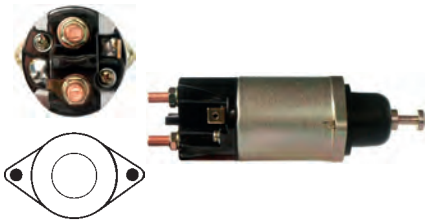
Servicing: 39MT, M009T70379, M9T70379
12 V, B+ M12, Kl. 50 M5, OD 64.00, OD/cover 64.85, Total length 222.70, Height/B+ 25.00, Width/kl. 50 10.00, Coil bolt M12, Coil bolt 2 17.00, No./terminals 4



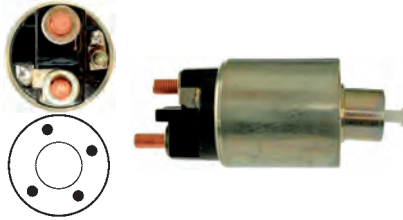
234291 Solenoid

Replacing: M371X22471

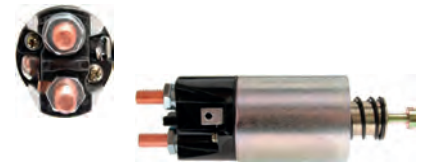
Servicing: M3T67281
12 V, B+ M8, Kl. 50 9.40, OD 55.10, OD/cover 54.60, Total length 179.00, Height/B+ 20.65, Width/kl. 50 12.00, Coil bolt M8, Coil bolt 2 20.65, No./terminals 3


234292 Solenoid

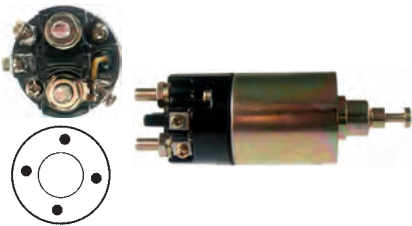
Replacing: M371X22371, M371X22071
 Servicing: M3T90271, M3T90272, M3T90273
 12 V, B+ M8, Kl. 50 9.40, OD 55.00,
 OD/cover 54.25, Total length 180.20,
 Height/B+ 18.10, Width/kl. 50 11.00,
 Coil bolt M8, Coil bolt 2 19.90,
 No./terminals 3
 Cap: HC-CARGO 137870.


235100 Solenoid

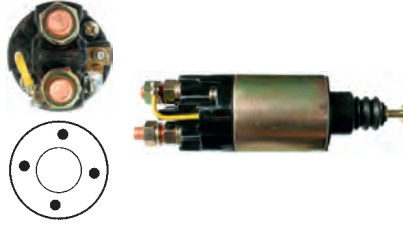
Servicing: M000T86181, M000T87881,
 M000T91581, M001T85681, M001T85682,
 M001T85781, M001T85981, M00T87881,
 MOT86181, MOT87881
 12 V, B+ M8, Kl. 50 M5, OD 52.40,
 Total length 129.00, Height/B+ 16.00,
 Width/kl. 50 11.50, Coil bolt M8,
 Coil bolt 2 13.50, No./terminals 3


235385 Solenoid

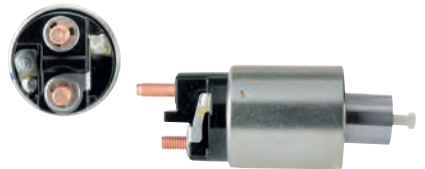
Replacing: M372XB0571
 Servicing: 34MT TYPE 500
 12 V, B+ M10, Kl. 50 M5S, OD 55.20,
 Total length 177.00, Height/B+ 18.60,
 Coil bolt M10, Coil bolt 2 18.60,
 No./terminals 3


234545 Solenoid

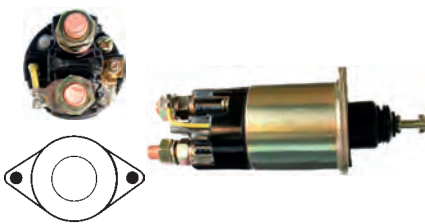
Replacing: M373X02072, M00373X02072
 Servicing: M6T20071, M6T20471
 12 V, B+ M10, Kl. 50 9.40, OD 63.90,
 OD/cover 63.55, Total length 189.65,
 Height/B+ 24.50, Width/kl. 50 13.25,
 Coil bolt M10, Coil bolt 2 24.50
 5 terminals.


235103 Solenoid

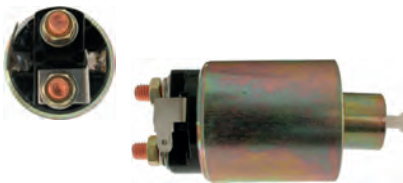
Replacing: M373X05671
 Servicing: M3T65071, M5T65071, ME077044
 12 V, B+ M12, Kl. 50 M5, OD 63.90,
 Total length 224.15, Height/B+ 38.35,
 Width/kl. 50 13.15, No./terminals 3


235495 Solenoid

Servicing: M000T45071ZT, M000T45371ZT,
 M002T13081, MOT45071ZT, MOT45371,
 MOT45371ZT, M2T13081
 12 V, B+ M8/19.50, Kl. 50 M5/9.50,
 OD 51.50, Total length 108.50,
 Height/B+ M8/19.50, Width/kl. 50 M5/9.50


234723 Solenoid

Replacing: M371X22571
 Servicing: M003T67771, M3T66572,
 M3T67771
 12 V, B+ M8, Kl. 50 9.40, OD 55.00,
 OD/cover 54.50, Total length 185.30,
 Height/B+ 25.45, Width/kl. 50 12.00,
 Coil bolt M8, Coil bolt 2 20.55,
 No./terminals 3


235210 Solenoid

Servicing: M000T36371, M003T42781,
 M003T42781ZC, M003T43381, M003T43481,
 M0A01901, MOT36371, M1T73383ZC,
 M3T42781, M3T42781ZC
 12 V, B+ M8, Kl. 50 6.30, OD 52.37,
 OD/cover 47.20, Total length 101.37,
 Height/B+ 14.73, Coil bolt M8,
 Coil bolt 2 14.19, No./terminals 3
 Cap: HC-CARGO 235384.


235847 Solenoid

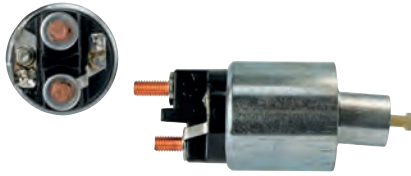
Replacing: M371XC1473, M371X96575,
 M371X74371, M371X72473
 Servicing: M000T70381, M000T81181, M000T84381,
 M001T70483, M001T73383, M001T84883,
 M001T84883ZC, M001T84884, M002T44081
 12 V, B+ M8, OD 51.50,
 OD/cover 45.30, Total length 91.00,
 Coil bolt M8, No./terminals 2


236015 Solenoid

Replacing: M371X97873
 Servicing: M003T44481, M3T44481, MD335584
 12 V, B+ M8, Kl. 50 6.30, OD 51.29,
 Total length 90.35, Height/B+ 13.76,
 No./terminals 3



236780 Solenoid
 Replacing: M371XC3775
 Servicing: M000T87681, M000T90981, MOT87681, MOT90981
 12 V, B+ M8, Kl. 50 6.30, OD 52.07, Total length 120.00, Height/B+ 16.00, Coil bolt M8, Coil bolt 2 14.01, No./terminals 3



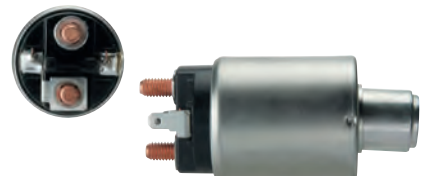
330176 Solenoid
 Servicing: M000T22471, M000T22472, MOT22471, MOT22472, MOT22473
 12 V, B+ M8, Kl. 50 M5, OD 51.20, OD/cover 45.13, Total length 109.00, Height/B+ 19.41, Coil bolt M8, Coil bolt 2 11.76, No./terminals 3



331523 Solenoid
 Servicing: M000T45171, M000T45171ZT, MOT45171, MOT45171ZT
 12 V, B+ M8, Kl. 50 M5, OD 51.20, Total length 108.69, Height/B+ 11.86, Width/kl. 50 10.00, Coil bolt M8, Coil bolt 2 10.95, No./terminals 3

NEW PRODUCT
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331751 Solenoid
 Servicing: M000T21471, MOT21471
 12 V, B+ M8, Kl. 50 M5, OD 51.20, OD/cover 49.40, Total length 127.50, Switch dim. 7.80, Height/B+ 20.00, Width/kl. 50 10.00, Coil bolt M8, Coil bolt 2 11.00, No./terminals 3



331786 Solenoid
 Replacing: M371XD0971
 Servicing: M000T30771, MOT30771, MOT35171, M414X00474, MR994325
 12 V, B+ M8, Kl. 50 6.30, OD 51.23, Total length 115.76, Height/B+ 14.41, Width/kl. 50 45.00, Coil bolt M8, Coil bolt 2 14.00, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

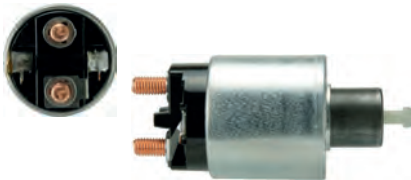
331868 Solenoid
 Servicing: M000T35471, MOT35471
 12 V, B+ M8, Kl. 50 M6, OD 51.15, OD/cover 49.70, Total length 130.00, Switch dim. 7.80, Height/B+ 19.00, Width/kl. 50 9.00, Coil bolt M8, Coil bolt 2 11.00, No./terminals 3



237498 Solenoid
 Servicing: M000T84881, M000T84881ZC, M000T84882ZC, M001T84381ZC, M002T88471, M002T88472, M002T88473, MOT84881, MOT84881ZC
 12 V, No./terminals 3



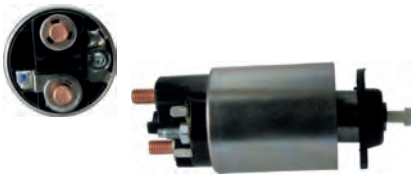
330363 Solenoid
 Servicing: M008T76071, M008T76072, M008T76072ZE, M8T76071, M8T76071ZE, M8T76072, M8T76072ZE
 12 V, B+ M8, Kl. 50 M5, OD 52.00, Total length 122.00, Height/B+ 13.97, Width/kl. 50 13.27, Coil bolt M8, Coil bolt 2 13.20, No./terminals 3



237861 Solenoid
 Replacing: M371XD1171
 Servicing: M000T21671, M000T36071, M000T36071ZE, M000T45271, M000T45271ZT, MOT36071, MOT36071ZE, MOT45271, MOT45271ZT, MOT45275ZT
 12 V, B+ M8, Kl. 50 6.30, OD 51.40, Total length 114.45, Height/B+ 14.00, No./terminals 3



330415 Solenoid
 Servicing: M002T85671, M002T85672, M2T85671, M2T85672
 12 V, B+ M8, Kl. 50 6.30, OD 51.32, Total length 129.06, Height/B+ 11.65



239823 Solenoid
 Servicing: M001T30071, M001T30072, M001T30171, M001T30172, M001T30173, M1T30071, M1T30072, M1T30073, M1T30171, M1T30172, M1T30173
 12 V, B+ M8, Kl. 50 M6-4.70, OD 51.24, Total length 120.00, Height/B+ 12.14, Width/kl. 50 M6, No./terminals 3



330581 Solenoid
 12 V, B+ M8, Kl. 50 Plug, OD 49.97, Total length 126.83, Switch dim. 8.80, Height/B+ 15.60, Coil bolt M8, Coil bolt 2 13.40, No./terminals 3


331891 Solenoid

Servicing: M002T85871, M2T85871
 12 V, B+ M8, Kl. 50 6.30, OD 51.20,
 Total length 127.23, Height/B+ 11.25,
 Coil bolt M8, Coil bolt 2 M8,
 No./terminals 3


331941 Solenoid

Servicing: M001T93071, M001T93171ZC,
 M001T93371, M001T93371ZC, M001T93571,
 M1T93071, M1T93171, M1T93371,
 M1T93371ZC, M1T93571
 12 V, B+ M8, Kl. 50 6.30, OD 51.20,
 Total length 123.00, Height/B+ 15.00,
 Coil bolt M8, Coil bolt 2 14.50,
 No./terminals 3


332238 Solenoid

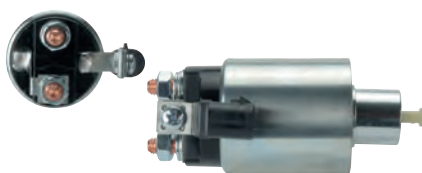
Servicing: M000T86781, M0T86781
 12 V, B+ M8, Kl. 50 M6, OD 51.30,
 Total length 126.35, Height/B+ 12.30,
 Width/kl. 50 13.00, Coil bolt M8,
 Coil bolt 2 11.45, No./terminals 3


332328 Solenoid

Servicing: M001T80681, M1T80681
 12 V, B+ M8, Kl. 50 M5, OD 51.15,
 OD/cover 49.40, Switch dim. 7.80,
 Height/B+ 20.00, Width/kl. 50 12.50,
 Coil bolt M8, Coil bolt 2 11.00,
 No./terminals 3

NEW PRODUCT
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332550 Solenoid

Servicing: M000T32571ZE, M000T32572ZE,
 MOT32571, MOT32571ZE, MOT32572ZE
 12 V, B+ M8, Kl. 50 6.30, OD 51.19,
 Total length 115.66, Height/B+ 14.00,
 Coil bolt M8, Coil bolt 2 13.50,
 No./terminals 3


333785 Solenoid

12 V, B+ M8, OD 51.20,
 OD/cover 45.00, Total length 89.20,
 Height/B+ 16.00, Coil bolt M8,
 Coil bolt 2 16.00, No./terminals 3

NEW PRODUCT
www.hc-cargo.com
333786* Solenoid

NEW PRODUCT
www.hc-cargo.com
333787 Solenoid

12 V, B+ M8, Kl. 50 6.30, OD 51.20,
 OD/cover 45.00, Total length 121.00,
 Height/B+ 15.50, Coil bolt M8,
 Coil bolt 2 15.50, No./terminals 3


333788 Solenoid

Replacing: M371XC4075, M371X95275
 Servicing: M000T60181, M000T60181A,
 M001T68681, MOT60181, MOT60181A,
 M1T68681, MT60181
 12 V, B+ M8, Kl. 50 6.30, OD 51.50,
 OD/cover 45.50, Total length 121.50,
 Height/B+ 30.00, Width/kl. 50 45.00,
 Coil bolt M8, No./terminals 3

NEW PRODUCT
www.hc-cargo.com
333790 Solenoid

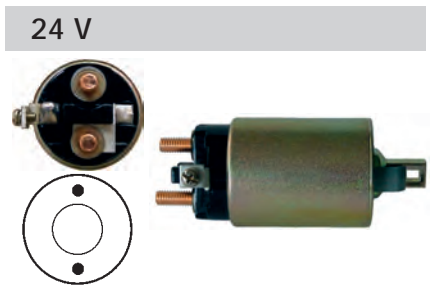
12 V, B+ M8, OD 51.20,
 OD/cover 45.00, Total length 121.00,
 Height/B+ 14.80, Coil bolt M8,
 Coil bolt 2 14.80, No./terminals 3


333791 Solenoid

12 V, B+ M8, OD 51.50,
 OD/cover 45.35, Total length 114.00,
 Height/B+ 14.50, Coil bolt M8,
 Coil bolt 2 14.50, No./terminals 3


333848 Solenoid

Replacing: MG122565
 12 V, B+ M8, Kl. 50 6.30,
 OD 55.30, Total length 135.00,
 Coil bolt M8, No./terminals 3

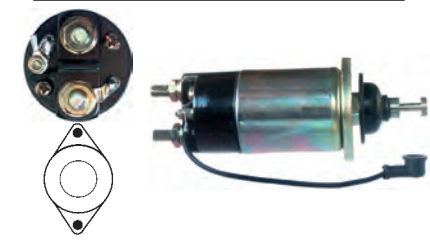


132591 Solenoid

Replacing: ME700984, ME700316, ME700135, ME700119, M372X11171, M372X11071, M372X10971, M372X10372, M372X10371

Servicing: 34466-15101, 34466-15102, M002T64271, M002T64371, M002T64373, M002T65271, M002T65272, M002T66871, M002T66872

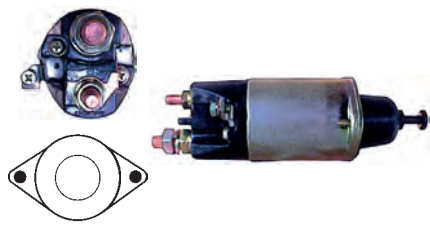
24 V, B+ M8, Kl. 50 9.40, OD 55.15, OD/cover 48.75, Total length 138.40, Height/B+ 22.00, Width/kl. 50 13.30, Coil bolt M8, Coil bolt 2 17.10, No./terminals 3
Cap: HC-CARGO 230914.



134413 Solenoid

Replacing: ME023103

24 V, B+ M10, OD 62.60, OD/cover 61.70, Total length 203.85, Height/B+ 23.80, Coil bolt M10, Coil bolt 2 23.00, No./terminals 3
Cap: HC-CARGO 137869.

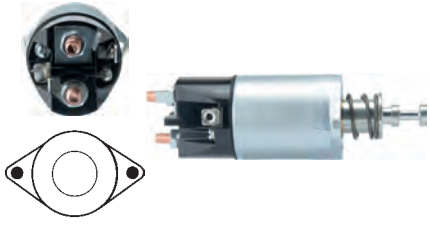


136142 Solenoid

Replacing: ME700278, M371X21571

Servicing: M003T95071, M003T95073, M003T95081, M003T95082, M004T55076, M3T95071, M3T95073, M3T95081, M3T95082, M4T55076, ME057985

24 V, B+ M10, Kl. 50 9.40, OD 55.50, OD/cover 53.25, Total length 190.70, Height/B+ 28.30, Width/kl. 50 13.35, Coil bolt M8, Coil bolt 2 18.20, No./terminals 3
Cap: HC-CARGO 234318.

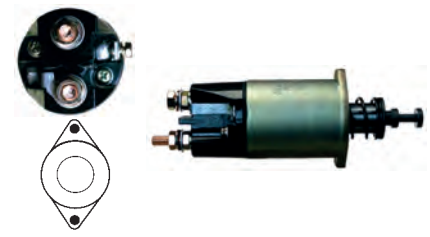


136344 Solenoid

Replacing: ME700215, M371X20672, M371X20671, M371X20271

Servicing: M002T69171, M003T56174, M003T56181, M003T56182, M003T56183, M003T56272, M2T69171, M2T78071, M2T78271, M3T56174

24 V, B+ M8, Kl. 50 9.40, OD 55.10, OD/cover 54.20, Total length 174.35, Height/B+ 13.80, Width/kl. 50 11.75, Coil bolt M8, Coil bolt 2 13.85, No./terminals 3
Cap: HC-CARGO 137870.

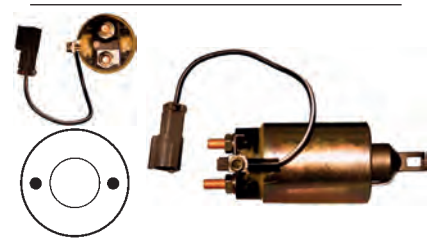


138418 Solenoid

Replacing: ME701290, ME700035, M371X20572, M371X20571

Servicing: M003T56071, M003T56072, M003T56074, M003T56082, M003T56084, M005T50176, M3T56071, M3T56072, M3T56074, M3T56076

24 V, B+ M8, Kl. 50 9.40, OD 55.30, OD/cover 53.85, Total length 189.55, Height/B+ 25.65, Width/kl. 50 12.95, Coil bolt M8, Coil bolt 2 15.10, No./terminals 3

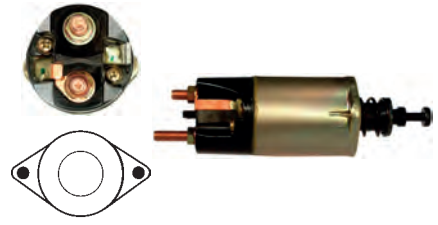


139824 Solenoid

Replacing: ME753433, ME701490, M372X13071, M372X11871

Servicing: M008T80071, M008T80071A, M008T80071B, M8T80071, M8T80071A, M8T80071B, ME012995, ME013008, ME014418

24 V, B+ M8, Kl. 50 9.40, OD 55.25, OD/cover 48.55, Total length 149.00, Height/B+ 21.00, Width/kl. 50 12.00, Coil bolt M8, Coil bolt 2 18.00, No./terminals 3

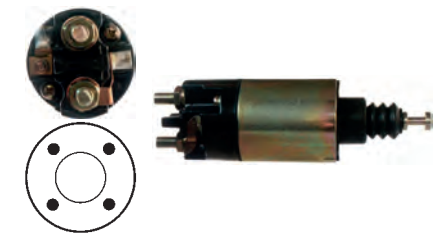


231780 Solenoid

Replacing: ME700853, M371X21071

Servicing: M002T78372, M002T78381, M002T78382, M002T78383, M2T78372, M2T78381, M2T78382, M2T78383, ME087590

24 V, B+ M8, Kl. 50 9.40, OD 55.15, OD/cover 54.00, Total length 189.75, Height/B+ 27.90, Width/kl. 50 14.70, Coil bolt M8, Coil bolt 2 15.70, No./terminals 3

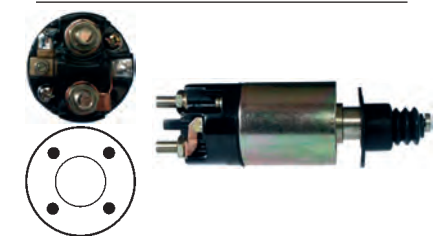


234319 Solenoid

Replacing: ME700828, ME700174, M373X05371, M373X05171, M373X04771, M373X04571

Servicing: M004T95076, M004T95082, M4T95075, M4T95076, M4T95081, M4T95082, M4T95681, M5T50071, M5T50089, M5T50177, M5T50179

24 V, B+ M10, Kl. 50 M5, OD 64.00, OD/cover 63.60, Total length 210.25, Height/B+ 23.30, Width/kl. 50 14.30, Coil bolt M10, Coil bolt 2 24.10, No./terminals 3
Cap: HC-CARGO 234321.



234320 Solenoid

Replacing: ME700196, M373X06971, M373X04071

Servicing: M004T55076, M004T55077, M009T80771, M4T55076, M4T55077, M9T80771

24 V, B+ M10, Kl. 50 M5, OD 63.90, OD/cover 63.40, Total length 211.40, Height/B+ 24.55, Width/kl. 50 14.20, Coil bolt M10, Coil bolt 2 24.50, No./terminals 3


234482 Solenoid

Replacing: ME700379, M371X20871

Servicing: M002T69081, M002T78481, M2T69081, M2T78481, M2T78482, M3T58371, ME013390, ME013391

24 V, B+ M8, Kl. 50 9.40, OD 55.00, OD/cover 54.40, Total length 185.30, Height/B+ 25.25, Width/kl. 50 9.95, Coil bolt M8, Coil bolt 2 20.75, No./terminals 3


234484 Solenoid

Replacing: M371XB2671, M371XB2271, M371XB2270

Servicing: M8T60171, M8T87371

24 V, B+ M8, Kl. 50 9.40, OD 55.10, OD/cover 54.50, Total length 174.75, Height/B+ 23.70, Width/kl. 50 10.70, Coil bolt M8, Coil bolt 2 19.00, No./terminals 3


234871 Solenoid

Replacing: ME700307, M371X20171

Servicing: M004T50073, M4T50073

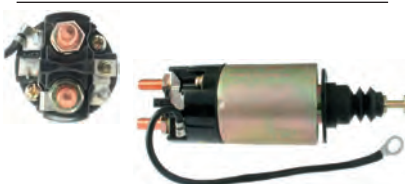
24 V, B+ M8, Kl. 50 9.40, OD 55.15, OD/cover 54.40, Total length 184.00, Height/B+ 21.55, Width/kl. 50 11.25, Coil bolt M8, Coil bolt 2 16.95, No./terminals 3


234872 Solenoid

Replacing: ME701443, ME701442, M371XB2571, M371XB2371, M371XB2171

Servicing: M008T60071, M008T60071A, M008T60371, M008T60372, M008T60373, M008T85071B, M008T85571, M009T61071, M009T61071A, M8T60071

24 V, B+ M8, Kl. 50 9.40, OD 55.25, OD/cover 54.45, Total length 180.25, Height/B+ 28.20, Width/kl. 50 11.60, Coil bolt M8, Coil bolt 2 17.25, No./terminals 3


234875 Solenoid

Replacing: M373X05071, M371X05071

Servicing: M004T95481, M4T95478, M4T95479, M4T95480, M4T95481

24 V, B+ M10, Kl. 50 M5, OD 64.00, OD/cover 63.20, Total length 217.80, Height/B+ 29.60, Width/kl. 50 16.60, Coil bolt M10, Coil bolt 2 30.65, No./terminals 4


237102 Solenoid

Replacing: M371XB4171

Servicing: 34MT, M008T62671, M009T60371, M009T60471, M009T60671, M009T60672, M009T61171, M009T61473, M009T61474, M009T61571

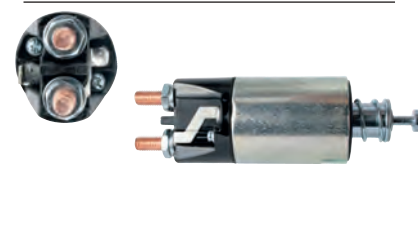
24 V, B+ M10, Kl. 50 M5, OD 55.15, Total length 176.50, Height/B+ 18.50, Coil bolt M10, Coil bolt 2 20.00, No./terminals 3


237845 Solenoid

Replacing: M373X07671

Servicing: 39MT, M009T80472, M009T80473, M009T82479, M009T83671, M009T83672, M9T80472, M9T80473, M9T82479, M9T83671, M9T83672

24 V, B+ M12, Kl. 50 M5, OD 64.00, OD/cover 63.50, Total length 224.65, Height/B+ 38.10, Width/kl. 50 13.55, Coil bolt M12, Coil bolt 2 31.45, No./terminals 3


330348 Solenoid

Servicing: M008T61671, M009T61671, M8T61671, M9T61671

24 V, B+ M10, Kl. 50 M6, OD 55.49, OD/cover 54.70, Total length 180.00, Height/B+ 18.29, Coil bolt M10, Coil bolt 2 17.92, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

335219 Solenoid

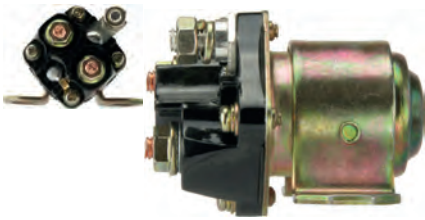
24 V, B+ M12, Kl. 50 M5, OD 55.30, OD/cover 58.00, Total length 206.50, Height/B+ 34.50, Coil bolt M10, Coil bolt 2 21.00, No./terminals 3

Safety Switches
12 V

237517 Safety Switch

Servicing: M009T61171, M9T61171

24 V, Total length 63.00



330351 Safety Switch
 Servicing: M009T61671, M9T61671
 24 V, Kl. 50 M5, OD 35.68,
 Total length 67.28, Width/kl. 50 13.10

NEW PRODUCT
www.hc-cargo.com

333789 Solenoid
 12 V, B+ M8, Kl. 50 6.30, OD 51.20,
 OD/cover 45.00, Total length 121.00,
 Height/B+ 14.25, Coil bolt M8,
 Coil bolt 2 14.25, No./terminals 3

24 V



233891 Safety Switch
 Replacing: U001X31272, U001X06096,
 ME701689
 Servicing: M008T85071B, M2T69381,
 M8T61171, M8T85071, M8T85071A,
 M8T85071B, ME012994, ME013007, ME017628
 24 V, Intermittent load 100 Amp.,
 OD 34.55, Total length 61.65, Seconds 3



237090 Safety Switch
 Servicing: M009T60471, M009T60671,
 M009T60672, M009T61571, M9T60471,
 M9T60671, M9T60672, M9T61571
 24 V, OD 34.55, Total length 60.00,
 No./terminals 4



332139 Safety Switch
 Servicing: M009T61473, M009T61474,
 M009T62172, M009T62173, M009T64171,
 M009T64171ZT, M009T66371, M9T61473,
 M9T61474, M9T62172
 24 V, Kl. 50 M6, OD 35.70,
 Total length 80.00, No./terminals 4
 Alternative no.: 333313



333313 Safety switch
 Servicing: M9T61474
 24 V, OD 41.00, Total length 65.00,
 No./terminals 4
 Alternative no.: 332139



333846 Safety Switch
 Replacing: U001T32974, 333846
 Servicing: M009T62671, M9T62671
 24 V, Kl. 50 M5, OD 48.80,
 Total length 78.80, No./terminals 4

Solenoid Parts

Solenoid Caps

Pkg. 5



133113 Solenoid Cap
 Servicing: M001T70481, M001T70481ZC,
 M001T70482, M001T70483, M001T70483ZC,
 M001T70485, M001T70485A, M003T20081,
 M003T20381
 OD 49.50, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 132095.



133273 Solenoid Cap
 Servicing: 1810A050, 1810A050R, 1810A053,
 M000T71681, M000T80381, M000T80881,
 M000T81281, M000T81283, M000T81284,
 M000T91381
 OD 49.45, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 131802, 133053.



133284 Solenoid Cap
 Servicing: M000T80081, M001T30271, M001T60185,
 M001T60581, M001T61181, M001T70281,
 M001T70281ZC, M001T70283, M001T70283ZC
 OD 49.30, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 132763, 138012.



133285 Solenoid Cap
 Servicing: M000T71681, M001T60081, M001T60181,
 M001T60185, M001T70981, M001T70982,
 M001T70982A, M001T71381, M001T71382
 OD 49.25, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 133049.



133286 Solenoid Cap
 Servicing: 32A66-10101, 34466-15101, 34466-
 15102, M002T54571, M002T54572, M002T54871,
 M002T56471, M002T56472, M002T56475
 OD 53.20, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 132472, 133050, 139586.

Pkg. 5


133287 Solenoide Cap

Servicing: M000T20171, M000T21671, M000T70381, M000T80081, M000T80281ZC, M000T81181, M000T81681, M000T81981, M000T83981
 OD 49.45, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 132917, 133052, 133288, 138618, 139408, 231977.

Pkg. 5


134625 Solenoide Cap

Servicing: M001T77781, M002T51082, M002T51083, M002T51085, M002T51805, M002T54371, M002T54372, M002T54771, M002T57273, M002T57371
 OD 53.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 132471, 132473, 230204.


134626 Solenoide Cap

Servicing: M002T54871, M002T54881, M002T54882, M002T56171, M002T56181, M002T56182, M002T56185, M002T56272, M002T57271, M002T60171
 OD 53.55, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 235077, 138820, 231981.


134915 Solenoide Cap

Servicing: M001T70481, M001T70481ZC, M001T70482, M001T70483, M001T70483ZC, M001T70485, M001T70485A, M002T48081, M1T70481
 OD 49.25, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 133289.


137797 Solenoide Cap

Servicing: M003T32782D, M371X63171, M371X63271, M371X63571, M3T32782D
 OD 49.45, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 135590.


137870 Solenoide Cap

Servicing: M371X20171, M371X20271, M371X20671, M371X20672, M371X22071
 OD 54.00, No./terminals 3
 HC-CARGO 136344.


137931 Solenoide Cap

Servicing: M001T60281, M1T60281, M371X92575
 OD 49.15, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 137930.


138821 Solenoide Cap

Servicing: M001T72281A, M001T72285, M001T72781A, M001T72781B, M001T78881, M1T72281A, M1T72285, M1T72781A, M1T72781B, M1T78881
 OD 49.50, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138011.

230385 Solenoide Cap

Servicing: M000T80381, M000T85981, M002T37281, M0T80381, M0T85981, M2T37281, M371X93975, MD362207
 OD 49.00, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 139202.

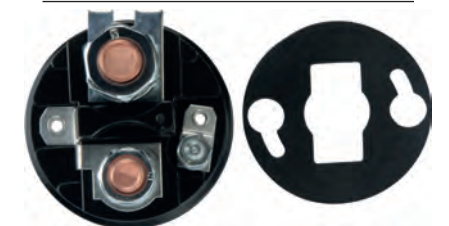

230914 Solenoide Cap

Servicing: M008T80071, M008T80071A, M008T80071B, M372X10271, M8T80071, M8T80071A, M8T80071B, ME012995, ME013008, ME014418
 OD 53.45, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 132591.

Pkg. 5


231107 Solenoide Cap

Servicing: M000T70281, M000T70285, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M001T72086A, M001T72087A
 OD 49.60, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138012, 231454.


231458 Solenoide Cap

Servicing: M003T90072, M3T90072
 OD 53.45, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 231457.



231860 Solenoid Cap
 Servicing: M000T86081, M002T80582, M002T84771, M002T87671, MOT86081, M2T80582, M2T84771, M2T87671
 OD 49.65, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 233709.

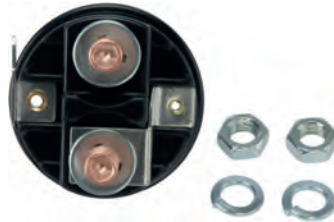
Pkg. 5



238169 Solenoid Cap
 Servicing: M002T74171, M2T74171, MD140190, MD164976
 No./terminals 3



239824 Solenoid Cap
 Servicing: M000T86781, MOT86781
 OD 49.50, No./terminals 3



331698 Solenoid Cap
 Servicing: M003T43381, M3T43381, MD192227
 OD 49.40, No./terminals 3



332551 Solenoid Cap
 OD 49.43, No./terminals 3,
 Bracket type Closed

Pkg. 5



333935 Solenoid Cap
 Servicing: M000T45071ZT, M000T45371ZT, M002T13081, MOT45071ZT, MOT45371, MOT45371ZT, M2T13081
 OD 50.00, No./terminals 3



Pkg. 5

232225 Solenoid Cap
 Servicing: M001T74281, M001T74281ZC, M001T74283, M001T74283ZC, M001T74286ZC, M001T74287ZC, M001T79481, M001T79482, M001T84381ZC
 OD 49.55, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 137813.



233927 Solenoid Cap
 Servicing: 1810A050, 1810A050R, 1810A053, M000T32771, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T87071
 OD 49.20, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 139537.



234321 Solenoid Cap
 Servicing: M373X04071, M373X04571, M373X05171
 OD 63.75, No./terminals 3
 HC-CARGO 234319, 234320.

Moving Contacts

Pkg. 10



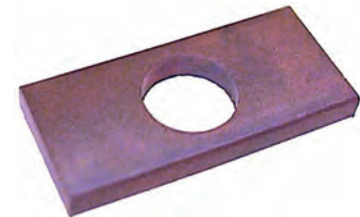
133275 Moving Contact
 Servicing: M000T71681, M000T80381, M000T81181, M000T86481, M000T91381, M001T30072, M001T30271, M001T60081, M001T60281, M001T60285A
 Length 26.00, Shaft measurement 26.00,
 Thickness 2.60, Width 16.00/11.00

Pkg. 10



134673 Contact Plate
 Servicing: 32A66-10101, M001T60285, M001T77281, M002T54571, M002T54572, M002T54871, M002T54881, M002T54882, M002T56171, M002T56181
 Length 30.20, Thickness 2.95, Width 17.55

Pkg. 10



135017 Contact Plate
 Servicing: M002T50171, M002T52071, M003T21281, M003T21282, M003T21781, M003T21881, M003T21882, M003T22581, M003T22582, M003T25781
 Length 30.00, Thickness 3.00, Width 14.00

Pkg. 5



135106 Moving Contact
 Servicing: M002T10171, M002T23181, M2T10171, M2T23181, M370X50171, M370X50181, M370X50571, M370X50581, M370X50971, M371X00181
 Length 31.30, Shaft measurement 33.65,
 Thickness 2.85, Width 14.20



Pkg. 10

135108 Moving Contact

Servicing: M372X02371, M372X04171,
 M372X06171, M372X10171, M372X10371
 Length 31.00, Shaft measurement 39.00,
 Thickness 2.80, Width 14.50



Pkg. 10

135137 Contact Plate

Servicing: 1810A050, 1810A050R, 1810A053,
 M000T20171, M000T21471, M000T21671,
 M000T22471, M000T36071, M000T80285,
 M000T80285A
 Length 30.25, Thickness 3.00,
 Width 11.15/14.10



Pkg. 10

136858 Contact Plate

Replacing: 136858
 Length 30.00, Width 14.10



Pkg. 5

139955 Moving Contact

Servicing: 1810A050, 1810A050R, 1810A053,
 M000T20171, M000T32771, M000T45071ZT,
 M000T45371ZT, M000T71681, M000T80281A,
 M000T80281B
 Length 29.00, Shaft measurement 28.80,
 Thickness 2.55, Width 16.00/11.00



Pkg. 5

233166 Moving Contact

Servicing: M000T21671, M000T22471,
 M000T35471, MOT22471, MOT22473,
 MOT35471
 Length 30.00, Shaft measurement 23.00,
 Thickness 2.60, Width 16.00



Pkg. 10

235099 Moving Contact

Servicing: 1810A050R, M001T80681,
 M008T71371ZE, M008T76071, M008T76072,
 M008T76072ZE, M1T80681, M8T71371ZE,
 M8T75371, M8T76071
 Length 31.00, Shaft measurement 29.20,
 Thickness 2.60, Width 14.00

Fixed Contacts

Pkg. 10


332565 Contact Bolt

Servicing: 1810A050R, M000T20171,
 M000T21671, M000T22471, M000T84881,
 M000T84881ZC, M000T87681, M001T30271,
 M001T80081, M001T80082
 Total length 28.15, Length/rear collar 23.15,
 Thread length 19.00, Thread size M8

Pkg. 10


332566 Bolt

Servicing: M000T22471, M001T80081, M1T80082,
 M001T80082, M002T85271, M002T88471,
 M002T88472, M002T88473, MOT22473, M1T80081
 Total length 40.50, Length/rear collar 34.90,
 Thread length 30.80, Thread size M8

Various

Pkg. 10


233064 Screw

Servicing: 32A66-10101, M008T62671,
 M008T80071, M008T80071A, M008T80071B,
 M009T61473, M009T61474, M009T61971,
 M009T62172

Thread M6, Total length 46.25,
 Thread length 31.45



Pkg. 25

235066 Terminal Switch

Total length 37.90


237841 Gasket

Servicing: M009T80472, M009T80473,
 M009T83671, M009T83672, M9T80472,
 M9T80473, M9T83671, M9T83672

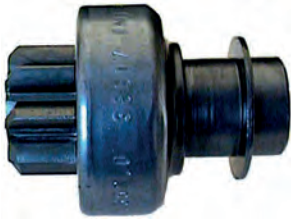
Drives

130741 Drive

Replacing: MD602679, MD602052,
 M191T34571, M191T33071, M191T31671,
 M191T30973, M191T30972, M191T30971

Servicing: M002T10171, M002T10271,
 M002T10471, M003T10071, M003T10271,
 M003T10272, M003T10372, M003T11174,
 M003T12572, M003T15071

ID 12.85, OD 29.15, OD/housing 45.40,
 Total length 60.15, Splines A 8,
 No./teeth 9, Rotation CR



131087 Drive

Replacing: MD608273, MD607283, M191T35171, M191T34071, M191T33372, M191T33371, M191T30974

Servicing: A3T22681, M002T10171, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23081, M002T25772, M003T10672, M003T11272

ID 12.75, OD 28.10, OD/housing 45.00, Total length 61.55, Splines A 8, No./teeth 8, Rotation CR



131110 Drive

Replacing: MD604047

Servicing: MD011550, MD011553

ID 12.55, OD 29.10, OD/housing 46.25, Total length 64.00, Splines A 10, No./teeth 9, Rotation CR



131628 Drive

Replacing: M191T31071, M191T30371

Servicing: M003T10473, M003T10475, M003T10476, M3T10471, M3T10473, M3T10475, M3T10476

ID 12.80, OD 34.40, OD/housing 45.30, Total length 60.60, Splines A 8, No./teeth 11, Rotation CR

CAR GO Best Choice



132005 Drive

Replacing: MD607894, M191T23471, M191T23071, M191T22971, M191T22771, M191T22371, M191T22071

Servicing: M002T30381, M002T30385, M002T30581, M002T30585, M002T30586, M002T30881, M002T32281, M002T40081, M002T41381, M002T41581

ID 12.00, OD 28.20, OD/housing 45.50, Total length 56.00, Splines A 8, No./teeth 8, Rotation CR

Alternative no.: 132005Z



132005Z Drive

Replacing: MD607894, M191T23471, M191T23071, M191T22971, M191T22771, M191T22371, M191T22071

Servicing: M002T47383, M0A01901, MD335584

ID 12.00, OD 28.00, OD/housing 46.20, Total length 55.65, Splines A 8, No./teeth 8, Drive type Steel, Rotation CR

Alternative no.: 132005



132009 Drive

Replacing: M191T17071, M191T16071

Servicing: M001T74081, M001T74087, M001T75681, M001T84281, M001T84481, M1T74081, M1T74081A, M1T74087, M1T75681, M1T76381, M1T84281

ID 12.00, OD 29.70, OD/housing 45.00, Total length 64.00, Splines A 8, No./teeth 9, Rotation ACR



132010 Drive

Replacing: M191T16171

Servicing: M000T30471, M001T70381, M001T70381A, M001T70387, M0T30471, M0T71481, M0T81581, M0T84081, M1T70381, M1T70381A, M1T70387

ID 12.00, OD 28.00, OD/housing 48.00, Total length 64.00, Splines A 8, No./teeth 8, Drive type Steel, Rotation ACR



132011 Drive

Replacing: M191X18171, M191T12471, M191T12071, M191T12070

Servicing: 1810A011, M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T71786, M000T80081, M000T80581

ID 12.00, OD 28.00, OD/housing 46.00, Total length 50.20, Splines A 8, No./teeth 8, Rotation CR

Shaft set/clutch set: HC-CARGO 138579, 235285, 239361.



132012 Drive

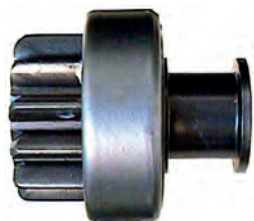
Replacing: M191X13271, M191T13271, M191T12171

Servicing: M000T80381, M001T70981, M001T70981A, M001T70982, M001T70982A, M001T70985, M001T71081, M001T71281, M001T71281A

ID 12.00, OD 31.55, OD/housing 46.00, Total length 51.80, Splines A 8, No./teeth 10, Rotation CR


132014 Drive

Replacing: M191T16271

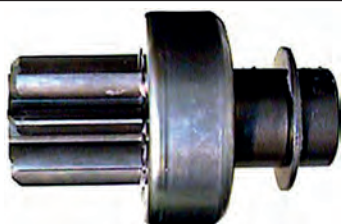
 Servicing: M000T80881, M001T70781, M1T77081, M001T75581, M001T75581ZC, M001T77081, MOT80881, M1T70781, M1T75581, M1T75581ZC
 ID 12.00, OD 37.35, OD/housing 48.00, Total length 75.00, Splines A 8, No./teeth 12, Rotation ACR

132765 Drive

Replacing: M191T58971

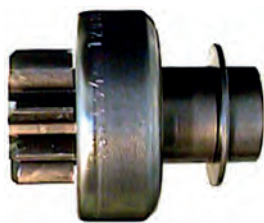
 Servicing: M005T22175, M005T22176, M5T22175, M5T22176
 ID 14.00, OD 48.00, OD/housing 56.50, Total length 65.65, Splines A 10, No./teeth 12, Rotation CR

132822# Drive

Replacing: M191T34771

 Servicing: M003T19771, M003T19871, M3T39881, M003T24181, M003T39781, M003T39881, M3T19771, M3T19871, M3T24181, M3T39781
 ID 12.85, OD 25.20, OD/housing 46.00, Total length 60.70, Splines A 8, No./teeth 9, Rotation CR

133268 Drive

Replacing: M191T26171

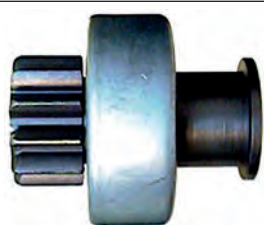
 Servicing: M002T30681, M002T30786, M2T30686, M002T37081, M002T49282, M002T49283, M003T37081, M003T48382, M2T30681, M2T30685
 ID 12.00, OD 28.00, OD/housing 46.00, Total length 70.35, Splines A 8, No./teeth 8, Rotation ACR

133454 Drive

Replacing: M191T23171, M191T22871, M191T22271

 Servicing: M002T30481, M002T41581, M3T33481, M002T42381, M003T33481, M003T49981, M003T49982, M2T30481, M2T41581, M2T42381
 ID 12.00, OD 29.00, OD/housing 46.00, Total length 55.50, Splines A 8, No./teeth 9, Rotation CR

133480 Clutch

Replacing: M357T75671

 Servicing: M002T23685, M003T19971, M003T26685, M2T23685, M3T19971, M3T26685
 OD/housing 60.00, Total length 98.00, No./teeth 21, Rotation ACR

133520 Drive

Replacing: M191Y57081, M191T57083, M191T57081, M191T57072

 Servicing: M5T22371, M5T27672
 ID 14.30, OD 34.18, OD/housing 56.00, Total length 65.85, Splines A 10, No./teeth 11, Rotation CR

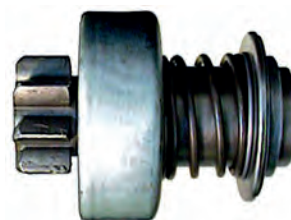
133628 Clutch

Replacing: M357X86371, M357X83374, M357T75371

 Servicing: M002T92071, M002T92071A, M2T92171, M002T92171, M002T92172, M002T92172A, M2T78571, M2T78571A, M2T92071, M2T92071A
 OD 33.00, Total length 104.00, Splines A 20, No./teeth 10

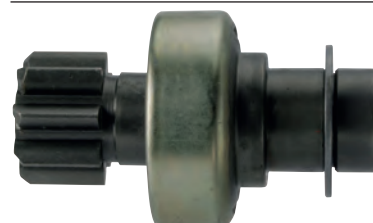
134918 Drive

Replacing: M191T26771

 Servicing: M003T33081, M3T33081
 ID 12.00, OD 28.00, OD/housing 46.00, Total length 56.20, Splines A 8, No./teeth 8, Rotation ACR

134925 Drive

Replacing: MD618887

ID 12.00, OD 27.80, OD/housing 46.85, Total length 63.00, Splines A 10, No./teeth 8, Rotation CR


134960# Drive

Replacing: M191T36571

Servicing: M002T23181, M003T22181, M003T22185, M003T22281, M003T27781, M2T23181, M3T22181, M3T22185, M3T22281, M3T27781

ID 12.80, OD 28.00, OD/housing 45.45, Total length 73.80, Splines A 8, No./teeth 8, Drive type Steel, Rotation ACR


135567 Drive

Replacing: M191T22471

 Servicing: M002T13081, M002T13281, M002T13581, M002T48381, M003T32985, M003T32986, M003T32988, M003T32989, M003T32991, M2T13081
 ID 12.00, OD 25.25, OD/housing 46.00, Total length 55.00, Splines A 8, No./teeth 9, Rotation CR



135572 Drive
 Replacing: M191T22571
 Servicing: M002T20181, M002T20181D, M3T48281A, M002T42981, M003T48281A, M2T20181, M2T20181D, M2T42981, M2T42985, M3T48281
 ID 12.00, OD 28.00, OD/housing 46.35,
 Total length 70.50, Splines A 8,
 No./teeth 8, Rotation CR



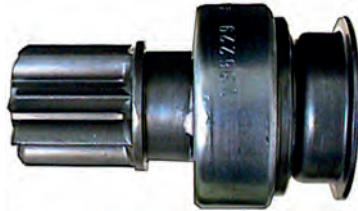
135581 Drive
 Replacing: M191T23371
 Servicing: M003T27686, M003T27686H, M3T17686H, M003T27686N, M003T30581, M003T30581H, M003T33981H, M003T37481, M003T42681
 ID 12.00, OD 32.00, OD/housing 45.00,
 Total length 55.60, Splines A 8,
 No./teeth 10, Rotation CR
 Alternative no.: 333860



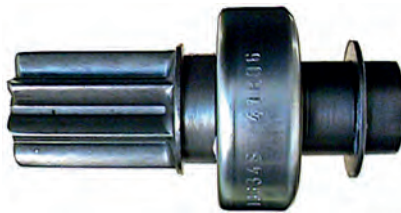
135721 Clutch
 Replacing: M357X77571, M357X77271
 Servicing: M002T24181, M002T25083, M002T25281, M002T25282, M002T25581, M002T25681, M002T25681G, M2T24082, M2T24181, M2T24281
 OD/housing 57.00, Total length 114.40,
 Splines A 8, No./teeth 20, Rotation ACR



136145 Drive
 Replacing: M191X13571, M191T13571
 Servicing: M001T60381, M1T60381
 ID 10.70, OD 29.15, OD/housing 46.25,
 Total length 78.50, Splines A 8,
 No./teeth 9, Rotation CR



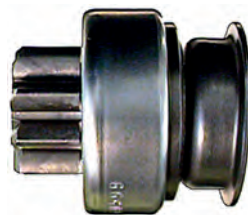
136229 Drive
 Replacing: M191T12571
 Servicing: M001T72981, M001T72981A, M001T72985, M001T72985A, M001T74781, M001T74781A, M001T74785, M001T78881, M1T72981, M1T72981A
 ID 12.00, OD 28.00, OD/housing 46.00,
 Total length 75.95, Splines A 8,
 No./teeth 8, Rotation CR



136348 Drive
 Replacing: M191X27171, M191T27171, M191T26971, M191T26571
 Servicing: M002T41181, M002T41182, M003T27781, M003T27781D, M003T37782, M003T37783, M003T40471, M003T49281, M003T49282, M2T41181
 ID 12.00, OD 27.95, OD/housing 46.00,
 Total length 89.20, Splines A 4,
 No./teeth 8, Rotation ACR



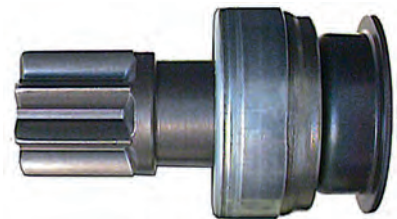
136594 Clutch
 Replacing: M357X82175
 Servicing: M002T54085, M002T58981, M2T54085, M2T58981
 Total length 110.00/123.00, No./teeth 11



136602 Drive
 Replacing: M191T12871
 Servicing: M000T84881, M000T84881ZC, M000T84882ZC, M001T72481, M001T72481ZC, M001T74581, M001T74583, M0T84881, M0T84881ZC
 ID 12.00, OD 29.40, OD/housing 46.00,
 Total length 50.00, Splines A 8,
 No./teeth 9, Rotation CR



136722 Drive
 Replacing: M357X91372, M191T18271, M191T14671, M191T13671
 Servicing: 1810A101, M000T22471, M000T22472, M000T35471, M000T60081A, M000T60181, M000T60181A, M000T65381, M000T82081
 ID 12.00, OD 31.80, OD/housing 46.00,
 Total length 51.00, Splines A 8,
 No./teeth 12, Rotation CR



136923 Drive
 Replacing: M191X16971, M191X16771, M191T16971, M191T16771
 Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M000T81381, M000T81681, M000T83981
 ID 12.00, OD 28.00, OD/housing 46.15,
 Total length 75.35, Splines A 8,
 No./teeth 8, Rotation ACR



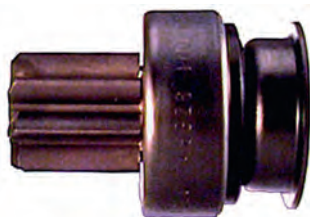
137218 Drive
 Replacing: M191T12971
 Servicing: M000T60081A, M000T60181, M000T60181A, M000T65381, M001T60081, M001T60181, M001T60185, M001T60285A, M001T60581
 ID 15.70, OD 29.14, OD/housing 46.00,
 Total length 73.31, Splines A 8,
 No./teeth 9, Drive type Steel,
 Rotation CR


137643 Drive

Replacing: M191T15271, M191T14371, M191T12272, M191T12271

Servicing: M000T32171, M000T32172, M000T32172ZE, M000T32173ZE, M000T32177, M001T74281, M001T74281ZC, M001T74283, M001T74283ZC

ID 12.00, OD 27.90, OD/housing 46.15, Total length 51.75, Splines A 8, No./teeth 10, Rotation CR


137764 Drive

Replacing: M191T12671

Servicing: M001T72281, M001T72281A, M001T72285, M001T72781A, M001T72781B, M1T72281, M1T72281A, M1T72285, M1T72781A, M1T72781B

ID 12.00, OD 28.00, OD/housing 46.25, Total length 64.90, Splines A 8, No./teeth 8, Rotation CR


137765 Drive

Replacing: M191X13471, M191T13471

Servicing: M000T60081, M000T60081A, M001T60281, M001T60285, M0T60081, M0T60081A, M0T60187, M1T60281, M1T60285

ID 10.70, OD 29.20, OD/housing 46.35, Total length 77.25, Splines A 8, No./teeth 9, Rotation CR
Dust cover kit: HC-CARGO 230549.


139410 Drive

Replacing: M357X78471, M357X77971

Servicing: M002T25481, M2T25481

OD 59.75, Total length 97.40, Splines A 8, No./teeth 21, Rotation ACR


139541 Drive

Replacing: MD618963, M191X68071, M191T68071, M191T15071

Servicing: 1810A053, M002T80582, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T87071

ID 13.05, OD 32.90, OD/housing 46.00, Total length 50.80, Splines A 8, No./teeth 10, Rotation CR


230332 Drive

Replacing: M357X85073

Servicing: M003T56181, M003T56182, M003T56183, M3T56181, M3T56182, M3T56183, M3T58571

OD 39.00, Total length 139.40, Splines A 20, Splines B 22, No./teeth 10


231341 Drive

Replacing: M191X68971, M191T93971, M191T68971

Servicing: M002T87671, M2T87671

ID 13.00, OD 35.00, OD/housing 46.40, Total length 51.40, Splines A 8, No./teeth 9, Rotation CR


231415 Drive

Replacing: MD619204, M191X68471

Servicing: M002T87371, M002T87971, M002T88071, M002T88171, M002T88271, M002T88671, M2T87371, M2T87971, M2T88071, M2T88171

ID 13.05, OD 37.50, OD/housing 47.00, Total length 51.50, Splines A 8, No./teeth 12, Rotation CR


231952 Drive

Replacing: M191T76081, M191T14271

Servicing: M001T30071, M001T30072, M001T30171, M001T30172, M001T30173, M001T76081, M1T30071, M1T30072, M1T30073, M1T30171

ID 12.00, OD 33.00, OD/housing 46.25, Total length 51.50, Splines A 8, No./teeth 10, Rotation CR


234514 Drive

Replacing: M191T19271

Servicing: M000T20871, M000T20871ZE, M000T20872, M000T20872ZE, M000T21471, M000T86081, M001T80481, M00T20871, M0T20871, M0T20871ZE

ID 12.00, OD 34.50, OD/housing 47.00, Total length 51.30, Splines A 8, No./teeth 13, Rotation CR
Alternative no.: 333871



235426 Drive

Replacing: M191X243BT, 6001547546
 Servicing: M000T45071ZT, M000T45171, M000T45171ZT, M000T45371ZT, MOT45071ZT, MOT45171, MOT45171ZT, MOT45371, MOT45371ZT
 ID 10.70, OD 23.60, OD/housing 45.00, Total length 44.00, Splines A 12, No./teeth 8, Rotation CR



236752 Drive

Replacing: M191X16371
 Servicing: M000T87081, MOT82881, MOT87081
 ID 12.00, OD 40.00, OD/housing 47.00, Total length 76.15, Splines A 8, No./teeth 13, Rotation ACR



236779 Drive

Replacing: M191X19971
 Servicing: M000T36371, M000T87681, M000T90981, MOT36371, MOT87681, MOT90981
 ID 12.00, OD 35.00, OD/housing 44.00, Total length 51.00, Splines A 8, No./teeth 11, Drive type Steel, Rotation CR



237858 Drive

Servicing: M000T45271, M000T45271ZT, M000T46171ZT, MOT45271, MOT45271ZT, MOT45275ZT, MOT46171ZT, MR994922
 ID 10.60, OD 23.60, OD/housing 44.95, Total length 70.90, Splines A 12, No./teeth 8, Drive type Steel, Rotation ACR



330417 Drive

Replacing: M191T95671
 Servicing: M002T85671, M002T85672, M002T85871, M2T85671, M2T85672, M2T85871
 ID 11.97, OD 29.26, OD/housing 46.84, Total length 64.26, Splines A 8, No./teeth 9, Drive type Steel, Rotation CR



331730 Drive

Replacing: M191X15871
 Servicing: M000T21671, M000T30771, MOT20471, M000T32571ZE, M000T32572ZE, M000T36071, M000T36071ZE, M000T36971, M000T36971ZE
 ID 12.00, OD 28.00, OD/housing 47.00, Total length 41.50, Splines A 8, No./teeth 8, Drive type Steel, Rotation CR
 Alternative no.: 333716



331942 Drive

Replacing: M191T41471
 Servicing: 1810A062, 1810A143, M001T93071, M001T93171ZC, M001T93371, M001T93371ZC, M001T93571, M1T93071, M1T93071ZC, M1T93171
 ID 12.00, OD 34.50, OD/housing 46.90, Total length 64.00, Splines A 12, No./teeth 13, Drive type Steel, Rotation CR



332166 Drive

Servicing: M000T32771, MOT32771
 ID 12.00, OD 31.80, OD/housing 47.00, Total length 41.40, Splines A 8, No./teeth 10, Drive type Steel, Rotation CR

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332193 Drive

ID 16.30, OD 28.40, OD/housing 49.79, Total length 88.95, Splines A 10, No./teeth 10, Drive type Steel, Rotation ACR



333127 Drive

Replacing: M191T94571
 Servicing: M002T88571, M002T88572, M002T88572ZC, M2T88571, M2T88572, M2T88572ZC
 ID 13.15, OD 32.40, OD/housing 47.00, Total length 51.50, Splines A 8, No./teeth 12, Drive type Steel, Rotation CR



333677 Drive

Servicing: M8T50071, M8T50171
 OD/housing 60.00, Total length 110.00, Splines A 5, Drive type Steel, Rotation CR



333716 Drive

Replacing: M191X15871
 Servicing: M000T20471, M000T20472, M000T20871ZE, M000T30672, M000T30771, M000T32572, M000T35171, M000T36071, MOT20471, MOT20472
 ID 12.00, OD 28.15, OD/housing 46.30, Total length 42.00, Splines A 8, No./teeth 8, Drive type Steel, Rotation CR
 Alternative no.: 331730



333860 Drive
 Replacing: M191T23371
 Servicing: M003T27686N, M003T30581H, M003T33981H, M3T27686N, M3T30581H, M3T33981H
 ID 12.00, OD 32.00, OD/housing 46.50, Total length 56.00, Splines A 8, No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 135581



333871 Drive
 Replacing: M191T19271
 Servicing: M000T20871, M000T20871ZE, M000T21471, M000T86081, MOT20871, MOT20872, MOT21471, MOT86081
 ID 12.00, OD 34.50, OD/housing 47.00, Total length 51.30, Splines A 8, No./teeth 13, Drive type Steel, Rotation CR
 Alternative no.: 234514

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333947 Drive
 Replacing: M191X14671
 Servicing: M000T88681, M001T96581, M1T96581, M1T96681
 ID 12.00, OD 31.75, OD/housing 46.50, Total length 51.50, Splines A 8, No./teeth 12, Drive type Steel, Rotation CR



333972 Drive
 Replacing: M191T41171
 Servicing: M001T30271
 ID 12.00, OD 32.50, OD/housing 47.00, Total length 76.00, Splines A 8, No./teeth 12, Drive type Steel, Rotation ACR

Drive Parts

Caps

Pkg. 10



134260 Dp Cap
 ID 54.00, OD 56.30

Rollers

Pkg. 1000



134247 Dp Rollers
 Servicing: M000T20171, M001T30271
 OD 6.00, Length 13.60

Pkg. 500



237953 Roller
 Servicing: M009T61971, M009T62671, M191X69771, M191X93771
 OD 7.48, Length 22.38

Pkg. 100



238881 Roller
 OD 8.50, Length 24.00

Pkg. 500



332095 Rollers
 Servicing: M008T62671, M8T62671
 OD 7.50, Length 17.50

Springs

Pkg. 1000



134266 Dp Springs
 Replacing: M800X70771
 Servicing: M008T80371, M008T80373, M8T80371, M8T80373
 OD 5.10, Length 10.80

Pinion



132085 Pinion
 Replacing: M605X31671
 Servicing: M002T50981, M002T53781, M002T53785, M003T30281, M2T50981, M2T53581, M2T53781, M2T53785, M3T30281
 ID 11.65, OD 37.00, Height 19.10, No./splines 18, No./teeth 12



132483 Pinion
 Replacing: MD607789, M605X65171
 Servicing: M002T56171, M002T56181, M002T56182, M002T56185, M002T57271, M002T57273, M002T57771, M002T57773, M002T62971, M002T63171
 ID 13.65, OD 32.30, Height 20.35, No./splines 20, No./teeth 10
 Alternative no.: 333873



133007 Pinion

Replacing: MM502529, M605X32471, M605X25771, M605X23471

Servicing: M002T52871, M002T52881, M002T52882, M002T54085, M002T54091, M002T58381, M002T58581, M002T58681, M002T58881, M002T58981

ID 12.00, OD 34.30, Height 19.00, No./splines 18, No./teeth 11



133009 Pinion

Replacing: M605X61671

Servicing: M002T50281, M002T50285, M2T50371, M002T50371, M002T50381, M002T50391, M002T52381, M002T53681, M2T50281, M2T50285

ID 11.20, OD 45.15, Height 18.95, No./splines 18, No./teeth 15



133363# Pinion

Replacing: M605X32571

Servicing: M001T50071, M002T50481, M002T50485, M1T50071, M2T50481, M2T50485

ID 11.90, OD 27.20, Height 19.20, No./splines 18, No./teeth 10



133450 Pinion

Replacing: M605X28271

Servicing: M002T56471, M002T56472, M002T56475, M002T60271, M002T61371, M002T65271, M002T65272, M002T69171, M003T64172, M2T56471

ID 15.00, OD 42.00, Height 18.20, No./splines 20, No./teeth 11



133451 Pinion

Replacing: MD611022, M605X66071

Servicing: M002T60171, M002T60172, M002T61071, M002T61072, M002T61171, M002T61271, M002T62771, M2T60171, M2T60172, M2T60671

ID 12.85, OD 40.00, Height 18.20, No./splines 20, No./teeth 13



133453 Pinion

Servicing: M001T50171, M001T50172, M1T50171, M1T50172

ID 15.65, OD 27.50, Height 18.65, No./splines 18, No./teeth 10



133493 Pinion

Replacing: MM502439, M605X30671

Servicing: M002T56271, M002T56272, M2T56271, M2T56272, M2T65671, MM409412, MM409413

ID 15.00, OD 40.00, Height 18.20, No./splines 20, No./teeth 13

Pkg. 10



133630 Pinion

Replacing: M605X63172

Servicing: M002T54271, M002T64271, M002T64272, M003T52071, M2T54271, M2T54272, M2T64271, M2T64272, M3T52071

ID 13.45, OD 35.50, Height 17.70, No./splines 20, No./teeth 9



133871 Pinion

Replacing: ME700375, M605X31971

Servicing: M002T57871, M002T57881, M002T61771, M002T66871, M002T66872, M002T66873, M002T67871, M002T67872, M002T67873, M002T67881

ID 13.30, OD 35.35, Height 17.70, No./splines 20, No./teeth 9



137492 Pinion

Replacing: MD611748, M605X36071

Servicing: M002T60185, M002T61171, M2T60185, M2T61171, MD121581, MD156987, MD164978

ID 13.35, OD 39.85, Height 19.65, No./splines 20, No./teeth 13



137739 Pinion

Replacing: M605X27971

Servicing: M002T56071, M2T56071

ID 12.60, OD 39.95, Height 18.20, No./splines 20, No./teeth 10



139344 Pinion

Replacing: M605X36171

Servicing: M002T62271, M002T64373, M002T74371, M003T67671, M2T62271, M2T64373, M2T66271, M2T66272, M2T74371, M3T67671

ID 19.80, OD 38.50, Height 18.20, No./splines 20, No./teeth 10


139585 Pinion

Replacing: M605X26971

Servicing: M002T54571, M002T54572, M003T67771, M2T54571, M2T54572, M3T67771

ID 19.70, OD 51.00, Height 18.25, No./splines 20, No./teeth 13


139820 Pinion

Replacing: ME701489, M605X95571

Servicing: M008T80071, M008T80071A, M008T80071B, M008T85071B, M008T85571, M8T80071, M8T80071A, M8T80071B, M8T85071, M8T85071A

ID 20.00, OD 35.35, Height 17.70, No./splines 20, No./teeth 9


230333 Pinion

Replacing: M605X28571

Servicing: M003T56174, M003T56181, M003T56182, M003T56183, M3T56174, M3T56181, M3T56182, M3T56183, M3T58571

ID 12.80, OD 38.80, Height 20.00, No./splines 20, No./teeth 10


231456 Pinion

Replacing: M605X96971

Servicing: M008T50071, M008T50171, M008T70071, M8T50071, M8T50171, M8T50172, M8T70071

ID 13.45, OD 37.15, Height 17.75, No./splines 20, No./teeth 12

Pkg. 10


231779 Pinion

Replacing: ME700856, M605X35071

Servicing: M002T78372, M002T78381, M002T78382, M002T78383, M2T78372, M2T78381, M2T78382, M2T78383, M2T78681, ME087590, N002T78681

ID 12.90, OD 40.65, Height 17.80, No./splines 20, No./teeth 11


232230 Pinion

Replacing: ME701461, M605X95271, M605X74571

Servicing: M008T75071, M008T75073, M008T75074ZT, M8T75071, M8T75073, M8T75074ZT, ME201650, ME201650A, ME202970

ID 17.55, OD 32.45, Height 20.20, No./splines 20, No./teeth 10


232390 Pinion

Replacing: M605X65771

Servicing: M002T60071, M002T60072, M002T60073, M2T60071, M2T60072, M2T60073

ID 12.90, OD 37.00, Height 17.70, No./splines 20, No./teeth 12


232391 Pinion

Replacing: ME701441, M605X95071

Servicing: M008T55171, M008T60071, M3T56089, M8T55171, M8T60071, M8T60072, M8T60073, M8T60089, M8T60171, M8T60173, M8T60174

ID 13.45, OD 40.65, Height 17.85, No./splines 20, No./teeth 11


234808 Pinion

Replacing: M605X71971

Servicing: M009T60371, M009T60671, M009T60672, M9T60371, M9T60671, M9T60672

ID 24.60, OD 45.90, Height 32.20, No./splines 27, No./teeth 12


234906 Pinion

Replacing: M605C63301, M605C36101

Servicing: M002T64371, M002T64373, M2T64371, M2T64372, M2T64373

ID 15.00, OD 38.65, Height 18.15, No./splines 20, No./teeth 10


330368 Pinion

Servicing: M008T76071, M008T76072, M008T76072ZE, M8T76071, M8T76071ZE, M8T76072, M8T76072ZE

ID 20.71, OD 42.87, Height 18.71, No./splines 30, No./teeth 11


333873 Pinion

Replacing: MD607789, M605X65171

Servicing: M002T56181, M002T56182, M002T56185, M002T57271, M002T63171, M002T74171, M2T56181, M2T56182, M2T56185, M2T57271

ID 13.65, OD 32.30, Height 20.35, No./splines 20, No./teeth 10

Alternative no.: 132483

Planet Gears



138579 Planet Gear

Replacing: MD611206, M357X86778, M357X86771

Servicing: M001T70281, M001T70281ZC, M001T70283, M001T70283ZC, M001T70481, M001T70481ZC, M001T70482, M001T70483, M001T70483ZC

w/o gear wheels: HC-CARGO 135341 (x3).
Drive only: HC-CARGO 132011.



138584 Planet Gear

Replacing: M357X88177

Servicing: M001T60281, M001T60285, M1T60281, M1T60285, M1T60313

w/o gear wheels: HC-CARGO 135341 (x3).
Drive only: HC-CARGO 137765.



235285 Planet Gear

Replacing: M357X90373

Servicing: M000T80081, M000T80581, M000T80781, M000T80783, M000T80784, M000T81181, M000T81281, M000T81283, M000T81284, M000T81482

Shaft dia./middle \varnothing 12,
Total length 110.00, No./splines 8,
Rotation CR
Drive: HC-CARGO 132011.



235286 Planet Gear

Replacing: M357X90571

Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M000T81681, M000T83981, MOT80281

Total length 133.50, No./splines 8,
No./teeth 8, Rotation ACR

Drive: HC-CARGO 136923.



235833[#] Gear w/ drive

Replacing: MD618591, M357X89771

Servicing: M000T70381, M000T71385, M000T71581, M000T71681, M000T71786, MOT70286, MOT70287, MOT70381, MOT70481, MOT70681, MOT70781

Shaft dia./middle 16.00,
Total length 108.50, No./splines 8,
No./teeth 8, Rotation CR

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237899 Planet Gear

Replacing: M357X90777

Servicing: M002T87371, M002T87971, M002T88071, M002T88171, M002T88271, M2T87371, M2T87971, M2T88071, M2T88171, M2T88271, M2T88671

Total length 106.50, No./splines 8

Gear Parts

Gear Shafts



139200 Gear Shaft

Replacing: MD611207, M357X67971, M357C61671

Servicing: M000T70281, M000T70285, M000T86681, M001T70281, M001T70281ZC, M001T70283, M001T70283ZC, M001T70481, M001T70481ZC

OD/shaft 9.92, Total length 105.20,
No./splines 8



230500 Gear Shaft

Replacing: M357X65471

Servicing: M000T60081, M000T60081A, M000T60181, M000T60181A, M000T65381, MOT60081, MOT60081A, MOT60181, MOT60181A, MOT60581

OD/shaft 10.62, Total length 100.20,
No./splines 8



231776 Gear Shaft

Replacing: M357X64471

Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M000T80881, M000T81381, M000T81681

OD/shaft 9.90, Total length 130.20, No./splines 8


233595 Gear Shaft

Replacing: M357X68071, M357X64371
 Servicing: M000T80081, M000T80381, M000T80581, M000T80781, M000T80783, M000T80784, M000T81181, M000T81281, M000T81283, M000T81284
 OD/shaft 9.90, Total length 104.90, No./splines 8


235340 Gear Shaft

Replacing: M357X64771
 Servicing: M001T72483, M001T72483ZC, M001T79481, M001T79482, M002T80582, M002T84071, M002T84171, M002T84171ZT, M002T84571
 OD/shaft 9.90, Total length 105.00, No./splines 8


237343# Gear Shaft

OD/shaft 11.96, Total length 130.20, No./splines 10


237842 Gear Shaft

Total length 125.60, No./splines 12

Outer Gear

133403 Outer Gear

Replacing: M135X01171, M135X00771, M135C00171, M135B00371
 Servicing: M001T60081, M001T60181, M001T60185, M001T60381, M001T60581, M001T61181, M001T68681, M001T70281, M001T70281ZC
 ID 49.15, OD 65.00, Height 30.20, No./teeth 43


139323 Outer Gear

Replacing: M135X01571, M135X01471
 Servicing: M000T60081, M000T60081A, M000T60181, M000T60181A, M000T65381, M000T80081, M000T80281, M000T80281A, M000T80281B
 ID 46.90, OD 63.80, No./teeth 42
 Bushing I.D. 17.50 mm.


139536 Outer Gear

Replacing: MD618961, M135X02871, M135X01071
 Servicing: 1810A062, 1810A143, M002T80582, M002T84071, M002T84171, M002T84571, M002T84771, M002T87071, M002T87171, M002T87371
 ID 50.25, OD 58.90, Height 30.40, No./teeth 44


139821 Outer Gear

Replacing: M135X01771
 Servicing: M008T77071, M008T77072, M008T77074, M008T77075, M008T80371, M008T80373, M008T85071B, M008T85571, M2T80772, M8T77071
 ID 50.00, OD 62.00, No./teeth 44
 Bushing I.D. 20.70 mm.


231575 Outer Gear

Replacing: ME701437, M135X01581
 Servicing: M008T55171, M008T60071, M008T60071A, M008T60371, M008T60372, M008T60373, M008T60871, M008T60872, M008T60873, M008T62671
 ID 50.65, OD 70.00, Height 30.35, No./teeth 44


233638 Outer Gear

Servicing: M000T80082, M001T80081, M001T80082, M001T80381, M0T80082, M1T80081, M1T80082, M1T80381
 ID 46.30, OD 55.80, Height 30.32, No./teeth 42
 Bearing: HC-CARGO 140920.

Gear Wheels

Pkg. 10


135341 Gear Wheel

Replacing: ME701459, MD618962, M230X00671, M230X00471, M230D00171
 Servicing: 1810A062, 1810A143, M000T20871, M000T60081, M000T60081A, M000T60181, M000T60181A, M000T65381, M000T70281, M000T70285
 ID 8.00, OD 20.30, Height 11.30, No./teeth 16



138565 Gear

Replacing: ME700122, M231C00901
 Servicing: 34466-15101, 34466-15102, M002T54271, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671
 ID 14.30, OD 45.20, Height 16.60, No./splines 22, No./teeth 32



230337 Gear

Replacing: M231C00401
 Servicing: M002T50171, M002T50181, M002T50281, M002T50285, M002T50371, M002T50381, M002T50391, M002T50481, M002T50485, M002T50981
 ID 12.15, OD 41.75, Height 16.00, No./splines 18, No./teeth 32

Rubbers



235201 Gasket

Servicing: M000T80082, M000T86081, M000T86181, M000T87881, M000T91581, M001T80081, M001T80082, M001T80181, M001T80381, M001T87881
 ID 52.60, OD 64.85, Thickness 7.50, Type Starter, Material Rubber

Various



136895 Gasket

Replacing: MD611213, M578C24601
 Servicing: 1810A101, M001T30071, M001T30171, M001T30172, M001T30173, M001T60081, M001T60181, M001T60185, M001T60281, M001T60285
 ID 53.00, OD 67.00, Thickness 8.00

Pkg. 10



139540 Gasket

Replacing: MD618965, M578X27571
 Servicing: 1810A053, 1810A062, 1810A143, M001T30271, M001T80681, M001T84381ZC, M001T84382ZC, M001T85781, M001T93071, M001T93371ZC
 ID 52.95, OD 63.85, Thickness 7.50, Material Rubber



231459 Dust Cap Kit

Replacing: ME701445, M578X29171
 Servicing: 1810A050R, 32A66-10101, M002T85271, M002T87271, M002T87271ZT, M002T87671, M002T88372, M002T88471, M002T88472
 Some use gasket: HC-CARGO 136895.

Levers



132637# Lever Kit

Replacing: M863D03571
 Servicing: M005T22175, M005T22176, M5T20172, M5T22175, M5T22176, M5T23272, M5T25373, M5T27672
 Dist. 26.10, ID 5.60, Length 99.90



133463 Lever

Replacing: MD607921, M864X09571
 Servicing: M002T23081, M002T25772, M002T44781, M002T57271, M003T10476D, M003T21281D, M003T21381, M003T21781, M003T21882D
 Dist. 22.60, Length 81.05



134047 Lever

Replacing: M864X08872, M864X08871
 Servicing: M002T20181, M002T20181D, M002T30681, M002T30786, M002T30981, M002T37081, M002T37281, M002T41181, M002T41182, M002T42981
 Dist. 22.20, Length 79.75



135468 Lever

Replacing: MD618546, MD611223, M864X09774, M864X09772, M864X09771
 Servicing: 1810A062, 1810A101, 1810A143, M000T60081, M000T60081A, M000T60181, M000T60181A, M000T65381, M000T70281, M000T70285
 Dist. 36.30, Length 74.00



135571 Lever

Replacing: MM502405, M864X07071, M863D02271
 Servicing: A3T22681, M002T10271, M002T10471, M003T10071, M003T10372, M003T10473, M003T10475, M003T10476, M003T10672, M003T11174
 Dist. 22.55, Length 81.70



135573 Lever

Replacing: MD607633, M863C06171, M863C05571
 Servicing: M002T51085, M002T54771, M002T56171, M002T56181, M002T56182, M002T56185, M002T56271, M002T56272, M002T57271, M002T57273
 Dist. 54.55, ID 5.00, Length 114.00


136416 Lever

Replacing: M863C06272, M863C06271, M863C04871

Servicing: 34466-15101, 34466-15102, M002T51082, M002T51083, M002T54271, M002T54272, M002T54371, M002T54372, M002T54471

Dist. 55.20, ID 4.90, Length 90.45


137713 Lever

Replacing: M863C07271, M863C05271, M863C04671

Servicing: M002T50281, M002T50285, M002T50371, M002T50381, M002T50391, M002T50481, M002T50485, M002T51083, M002T51281, M002T51282

Dist. 44.40, ID 5.15, Length 81.00


139533 Lever Kit

Replacing: M864X09371

Servicing: M002T13081, M002T13281, M002T13581, M002T30381, M002T30385, M002T30481, M002T30581, M002T30585, M002T30586, M002T30881

Dist. 22.30, Length 77.25


139538 Lever Kit

Replacing: MD618971, M864X11571

Servicing: 1810A053, M002T80582, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T84771, M002T85271

Dist. 36.00, Length 76.40


139823 Lever Kit

Replacing: ME701488, M863X09671, M863X08672

Servicing: M008T70471, M008T70471A, M008T80071, M008T80071A, M008T80071B, M008T80371, M008T80373, M2T80772, M8T70471, M8T70471A

Dist. 38.20, ID 4.95, Length 85.45
Lever only: HC-CARGO 232969.


139868# Lever

Replacing: M863C04971

Servicing: M002T10471, M003T10372, M003T10473, M003T10475, M003T10476, M003T15772, M003T19371, M003T19771, M003T19871, M003T20781

Dist. 22.75, ID 5.00, Length 82.00


139981 Lever

Replacing: M863C06971

Servicing: M002T92071, M002T92071A, M2T92071, M2T92071A, M2T92271, M2T92271A, M2T95071

Dist. 56.30, ID 5.10, Length 114.55


231265 Lever Kit

Replacing: M864X12371

Servicing: 1810A050, 1810A050R, M008T70071, M008T75071, M008T75071A, M008T75073, M008T75073A, M008T75074, M008T75074ZT, M8T70071

Dist. 36.30, Length 76.00


231782 Lever Kit

Replacing: ME700234, M863C05672

Servicing: M002T69081, M002T69171, M002T78072, M002T78072B, M002T78172, M002T78172A, M002T78372, M002T78381, M002T78382

Dist. 55.25, ID 5.40, Length 99.30


232969 Lever

Servicing: 32A66-10101, M008T50071, M008T50072, M008T70371, M008T70471, M008T70471A, M008T71571, M008T75171, M8T50071, M8T50072

Lever kit: HC-CARGO 139823.


233377 Lever

Replacing: M864X12271, M863X09272

Servicing: M008T55171, M008T60071, M008T60071A, M008T60371, M008T60372, M008T60373, M008T60871, M008T60872, M008T60873, M008T61671

Dist. 37.70, ID 5.65, Length 84.60


234677 Lever

Replacing: M863X08471

Servicing: M002T25481, M2T25481

Dist. 47.60, ID 5.00, Length 107.55

Lever Parts

Various

Pkg. 10



233378 Lever Support

Servicing: M001T50471, M002T10171, M002T10471, M002T20181, M002T20181A, M002T25481, M002T50381, M002T50391, M002T50481, M002T50485

Dist. 15.00, ID 6.75, Length 18.00

Clutches



132017 Clutch

Replacing: M357T76871, M357T71871, M357T71687

Servicing: M002T50581, M002T53881, M002T53882, M002T53883, M002T64271, M003T52071, M2T50581, M2T50585, M2T53881, M2T53882

Total length 122.00, No./splines 18, Rotation ACR



132386 Clutch

Replacing: MM502531, MD607540, M357T78071, M357T70971, M357T70771, M357T70171

Servicing: M001T50471, M002T50171, M002T50181, M002T50281, M002T50285, M002T50381, M002T50481, M002T50485, M002T50981, M002T52081

Total length 123.00, No./splines 18



132387 Clutch

Replacing: MM502404, M357T70571

Servicing: M002T52071, M002T58381, M002T58481, M002T58781, M2T52071, M2T58081, M2T58285, M2T58381, M2T58481, M2T58781, MD171502

Total length 123.00, No./splines 18



132489 Clutch

Replacing: MD607791, M357T75571

Servicing: M002T56181, M002T56182, M002T56185, M002T57271, M002T57273, M002T57771, M002T57773, M002T62971, M002T63171, M002T74171

OD 66.50, Total length 118.80, No./splines 20



133439 Clutch

Replacing: MD607938, M357T76371, M357T75971, M357T75471

Servicing: M001T50071, M001T50171, M001T50172, M002T50391, M002T51181, M002T51281, M002T51282, M002T52281, M002T54091, M002T61871

Total length 123.00, No./splines 18



133448 Clutch

Replacing: MD607642, M357T73171

Servicing: M002T56171, M002T56271, M002T56272, M002T60171, M002T60172, M002T60185, M002T61071, M002T61072, M002T61171, M002T61271

OD/housing 118.00, No./teeth 20



133449 Clutch

Replacing: M357X85273, M357X83673, M357T72672, M357T72671

Servicing: 34466-15101, 34466-15102, M002T56471, M002T56472, M002T56475, M002T57881, M002T60271, M002T61371, M002T61771

Total length 144.00, No./splines 20



134966 Clutch

Replacing: ME700121, M357T84181, M357T76171, M357T73181, M357T72971, M357T71671, M357T61671

Servicing: M002T54271, M002T54272, M002T54371, M002T54372, M002T54571, M002T54572, M002T54871, M002T54881, M002T54882, M002T56071

OD 66.00, Total length 116.00/134.00, No./splines 20



231371 Clutch

Replacing: ME701651, ME701648, ME701487, M191X68671, M191X68271, M191X67885, M191X67871, M191X67771

Servicing: 32A66-10101, M008T50071, M008T50171, M008T50471, M008T55073, M008T55171, M008T60071, M008T60371, M008T60372, M008T60373

OD 59.50, Total length 110.00, No./splines 20, Rotation CR


232054 Clutch

Replacing: ME701640, ME701456, M357X91973, M357X91971, M357X91171
 Servicing: M008T70071, M008T70471, M008T75071, M008T75073, M008T75074ZT, M008T80471, M008T80472, M8T70471, M8T70472, M8T75071
 Shaft dia./middle 18.65,
 Total length 127.00, No./splines 20,
 No./teeth 44, Rotation CR
 w/ gear wheel.


232229 Clutch

Replacing: M191X69871, M191X68785, M191X68171, M191T68771
 Servicing: M008T70071, M008T70471, M008T75071, M008T75073, M008T75074ZT, M008T80471, M008T80472, M8T70071, M8T70471, M8T70472
 Total length 91.50, No./splines 5


233178 Clutch

Servicing: M001T64285, M1T64285
 Total length 93.00, No./splines 30,
 Rotation ACR
 Pinion: HC-CARGO 233177.


233845 Clutch

Replacing: ME700042, M357X73571
 Servicing: M003T56071, M003T56072, ME037636, M003T56074, M3T56071, M3T56072, M3T56074
 OD 65.95, Total length 158.00,
 No./splines 20


233846 Clutch

Replacing: M357T78271
 Servicing: M002T63371, M2T63371, M2T83371
 Total length 141.00, No./splines 20


234774 Clutch

Replacing: M191X93771, M191X69771
 Servicing: M009T60371, M009T60671, M9T60371, M9T60671
 OD 60.00, Total length 135.00,
 No./splines 26


234810 Clutch

Replacing: M191X69671
 Servicing: M008T71371, M008T71371ZE, M008T71471, M008T71471ZE, M008T75371, M8T71371, M8T71371ZE, M8T71471, M8T71471ZE, M8T75271
 ID 10.80, OD 45.90, OD/housing 45.90,
 Total length 92.30, Splines A 30,
 No./teeth 8, Rotation ACR


236080 Clutch

Replacing: M357T72271
 Servicing: M002T54471, M002T57671, M002T57671A, M002T57673, M002T57673A, M002T57673C, M002T78072, M002T78072B, M003T56272
 OD 60.00, No./splines 10, Rotation ACR


237105 Clutch

Replacing: M191X94071, M191T94071
 Servicing: M009T61473, M009T61474, M009T61671, M009T61971, M009T62172, M009T62671, M009T64171ZT, M009T66371, M9T61171, M9T61473
 OD 67.62, Total length 133.50,
 No./splines 60


237834 Clutch

Replacing: M191X90271
 Servicing: M009T80472, M009T80473, M009T82071, M009T82479, M009T83671, M009T83672, M9T80472, M9T80473, M9T82071, M9T82479
 ID 22.00, OD 70.25, Total length 140.00,
 No./splines 26


330366 Clutch

Replacing: M191X95971
 Servicing: M008T76071, M008T76072, M008T76072ZE, M8T76071, M8T76071ZE, M8T76072, M8T76072ZE
 OD 47.00, Total length 91.33,
 Rotation CR

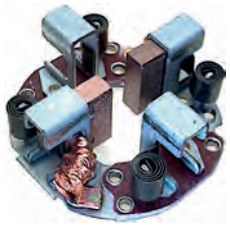

330723 Clutch

Replacing: M357X78871
 Servicing: M002T50571, M002T50575, M2T50571, M2T50575
 OD 46.95, Total length 166.50, No./splines 8, Rotation CR

Brush Gears



132475 Brush Gear
 Replacing: M649T05071
 Servicing: M002T54271, M002T54272, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T54771, M002T54871
 12 V, OD 70.35
 Brush set: HC-CARGO 140387.



133338 Brush Gear
 Replacing: M649T02171
 Servicing: M002T60071, M002T60072, M002T60073, M002T60171, M002T60172, M002T60185, M002T92071, M002T92171, M002T92172, M008T55073
 OD 71.50
 Neg. brushes. Brush set: HC-CARGO 140388.



133339 Brush Gear
 Replacing: ME700939, ME700047, M649T07371, M649T04972, M649T04971, M371X07371
 Servicing: M003T56071, M003T56072, M003T56082, M003T56174, M003T56181, M003T56182, M003T56183, M003T56272, M003T66071, M003T66072
 12 V, OD 75.75
 Brush set: HC-CARGO 140388. Brush spring: HC-CARGO 135201.



133340 Brush Gear
 Replacing: M649X03573, M649X02572, M649T03571
 Servicing: M002T10471, M003T10071, M003T10172, M003T10271, M003T10272, M003T10372, M003T10473, M003T10475, M003T10476, M003T10672
 12 V, OD 80.35
 Neg. brushes. Brush set: HC-CARGO 140347.



133341 Brush Gear
 Replacing: MD611918, MD611731, M649X01271, M649T09471, M649T09371, M649T06871, M649T01273, M649T01272
 Servicing: M000T81181, M001T60081, M001T60181, M001T60185, M001T60281, M001T60381, M001T60581, M001T61181, M001T64285, M001T68281
 12 V, OD 67.35
 Pos. brush: HC-CARGO 140967.
 Alternative no.: 333636



133342 Brush Gear
 Replacing: M649T06971, M649T01671
 Servicing: 1810A062, 1810A101, 1810A143, M001T30071, M001T30072, M001T30171, M001T30172, M001T30173, M001T30271, M001T66081
 12 V, OD 67.00
 Alternative no.: 333637



133808 Brush Gear
 Replacing: MD604645
 12 V, OD 68.80
 Brush set: HC-CARGO 140602. Brush springs: HC-CARGO 133810.



133886 Brush Gear
 Replacing: M649X20171, M649X04473, M649T04471, M649T04071, M649T02471, M649T01471
 Servicing: M002T23181, M002T23685, M002T24181, M002T25581, M002T25681, M002T25681G, M002T50171, M002T50181, M002T50281, M002T50285
 OD 66.90



135365 Brush Gear
 Replacing: M649X01771
 Servicing: M001T90081, M001T90081A, M1T90081, M1T90081A
 12 V, OD 67.20
 Neg. brushes. Brush set: HC-CARGO 140743.



135467 Brush Gear
 Replacing: MD618513, MD607926, MD607555, M649X01371, M649T04871, M649T02272, M649T02271, M649T01371
 Servicing: A3T22681, M002T13081, M002T13281, M002T13581, M002T20181, M002T20181D, M002T23081, M002T25772, M002T30381, M002T30385
 12 V, OD 74.00
 Neg. brushes. Brush set: HC-CARGO 140349.


137929 Brush Gear

Replacing: M321X07071, M321X06671, M321X05171, M321X04771, M321X04471

Servicing: M000T60081, M000T60081A, M000T60181, M000T60181A, M000T71881, M000T80081, M000T80281, M000T80281A, M000T80281ZC

12 V, OD 62.85

Brush set: HC-CARGO 140921.

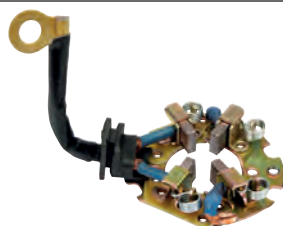

138963 Brush Gear

Replacing: ME701467, M649X20471, M649T20471

Servicing: 1810A050, 1810A050R, 1810A053, 32A66-10101, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T84771

12 V, OD 71.40

Neg. brushes. Brush set: HC-CARGO 140973 (x2).

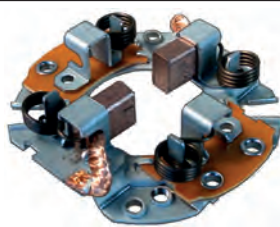

139238 Brush Gear

Replacing: MD618593, M649X10171

Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T71881, M000T82081, M000T82081ZE

12 V, OD 67.67

Neg. brushes. Positive Brush: HC-CARGO 140967.


139560 Brush Gear

Replacing: M649X09571

Servicing: M002T25481, M2T25481

12 V, OD 67.00

Neg. brushes. Brush set: HC-CARGO 140347.


139822 Brush Gear

Replacing: ME701495, M649X20771

Servicing: M008T80071, M008T80071A, M008T80071B, M008T80371, M008T80373, M008T80471, M008T80471A, M008T80472, M008T80472A

24 V, OD 70.00

Neg. brushes. Positive Brush: HC-CARGO 141010.


231781 Brush Gear

Replacing: ME700858, M649T02172

Servicing: M002T78372, M002T78381, M002T78382, M002T78383, M002T78481, M2T78071, M2T78271, M2T78372, M2T78381, M2T78382, M2T78383

24 V, OD 65.30

Pos. brush: HC-CARGO 141102 (x2).


231892 Brush Gear

Replacing: ME701448, ME101448, M649X20671

Servicing: M008T50071, M008T50072, M008T60071, M008T60071A, M008T60371, M008T60372, M008T60373, M008T60871, M8T50071, M8T50072

24 V, OD 69.85

Neg. brushes. Brush set: HC-CARGO 140388.


234811 Brush Gear

Replacing: M321X10276

Servicing: M000T70381, M000T81181, M001T70483, M001T73383, M001T84883, M001T84883ZC, M001T84884, M0T70381, M0T70481, M0T81181

12 V, OD 66.00


235214 Brush Gear

Replacing: M321X07076

Servicing: M000T80281B, M000T84585, M000T86181, M000T87081, M000T87881, M000T91581, M001T80381, M001T80481, M00T87881, M0T80281B

12 V, OD 65.80

Alternative no.: 333656

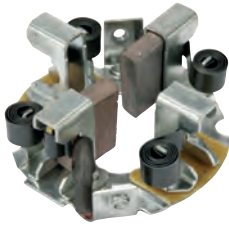

235390 Brush Gear

12 V, OD 64.00


236441 Brush Gear

Servicing: M009T60371, M009T60471, M009T61473, M009T61474, M009T61571, M009T61671, M009T66371, M9T60371, M9T60471, M9T61473

24 V, OD 81.00



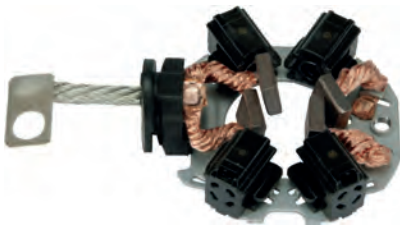
237851 Brush Gear

Servicing: 39MT, M009T80472, M009T80473, M009T83671, M009T83672, M9T80472, M9T80473, M9T83671, M9T83672
24 V, OD 83.08
Brush set: HC-CARGO 142006.



237859 Brush Gear

Replacing: M321X15071
Servicing: ACR, 1810A011, M000T20171, M000T20871, M000T20871ZE, M000T20872, M000T20872ZE, M000T21471, M000T21671, M000T30771
12 V, OD 67.50



330181 Brush Box

Servicing: M000T22471, M000T32271, M000T32571ZE, M000T32572ZE, M000T32771, M000T46171ZT, M0T22471, M0T22472, M0T22473, M0T32271
OD 65.54



333636 Brush Gear

Replacing: MD611918, MD611731, M649X01271, M649T09471, M649T09371, M649T01273, M649T01272, M649T01271
Servicing: M000T81181, M001T60081, M001T60181, M001T60185, M001T60281, M001T60381, M001T60581, M001T61181, M001T70281
12 V, OD 67.35
Alternative no.: 133341

Brush Gear Parts

Brush Springs

Pkg. 10



132638 Brush Spring

Replacing: M389D00401
Servicing: M005T22175, M005T22176, M5T20172, M5T20176, M5T22175, M5T22176, M5T25373, M5T27672
OD 10.20, Length 32.55

Pkg. 10



133810 Brush Spring

Replacing: MD604644
OD 6.20, Length 22.00

Pkg. 1000



134267 Dp Springs

Servicing: M000T20171, M000T84881, M000T84881ZC, M000T87681, M001T30271, M001T84382ZC, M001T84883ZC, M001T84884, M0T84881
Length 14.50

Pkg. 10



135201 Brush Spring

Replacing: MD607462, M391C02201
Servicing: M003T54071, M003T56071, M003T56072, M003T56074, M003T56082, M003T56084, M003T56174, M003T56181, M003T56182, M003T56183
OD 14.20, Length 24.20

Pkg. 4



136946 Brush Spring

Replacing: MD607901, M391C03301
Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T81181, M000T82081, M000T82081ZE
OD 10.25, Length 16.20

Pkg. 4



136947 Brush Spring

Replacing: MD607900, M391C03201
Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T81181, M000T82081, M000T82081ZE
OD 10.45, Length 15.85

Pkg. 4



139826 Brush Spring

Replacing: ME701468, M391X04371
Servicing: 1810A050, 1810A050R, 1810A053, 32A66-10101, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271
OD 13.00, Length 23.00

Pkg. 10



233867 Brush Spring Set

Replacing: MD602210, M391C00101, M191C00101
Servicing: M002T10171, M002T20181, M002T20181A, M002T20181D, M002T20281, M002T23685, M002T24081, M002T24181, M002T25083
OD 12.00, Length 21.00


233868 Brush Spring Set

Replacing: ME700128, M391C02801, M391C02501

 Servicing: M001T90081, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T54771, M002T56171, M002T56181
 OD 11.50, Length 22.70

Pkg. 10


238126 Brush Spring

 Servicing: 1810A011, M000T20171, M000T20871ZE, M000T20872, M000T20872ZE, M000T21671, M000T22471, M000T32171, M000T32172
 OD 7.95, Length 16.20

Brush Sets

140345 Brush Set

 Replacing: MD602594, MD602593, M648D10471
 12 V, Length 16.50, Lead length 33.50, Height 14.00, Thickness 6.00

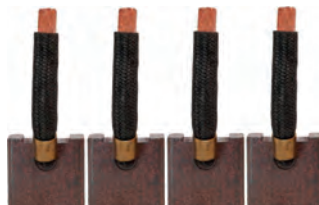
140346 Brush Set

 Replacing: MM502019, M648C22371
 Servicing: M5T25373, M5T27672
 12 V, Length 19.00, Lead length 48.10, Height 19.00, Thickness 6.50

140347 Brush Set

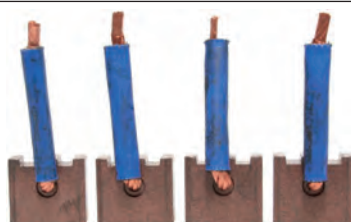
 Replacing: MD607389, MD602470, MD602468, M648C13770, M648C10371
 Servicing: 1810A050R, 1810A053, M001T50071, M002T10171, M002T10271, M002T10471, M002T20181, M002T20181A, M002T20182, M002T23181
 12 V, Length 17.00, Lead length 38.00, Height 12.00, Thickness 6.80

Pkg. 5


140348 Brush Set

 Replacing: M648C25273, M648C25271
 Servicing: 34466-15101, 34466-15102, A007T30271, A7T30271, M002T54272, M003T54071, M003T54072, M003T61071, M003T61171, M2T54272
 24 V, Length 18.00, Lead length 40.60, Height 20.00, Thickness 8.00

140349 Brush Set

 Replacing: MD607556, MD607554, M648C16971, M648C16970, M648C15070, M648C14971, M648C14970, M648C14871
 Servicing: A3T22681, M002T13081, M002T13281, M002T13581, M002T20181, M002T20181D, M002T23081, M002T25772, M002T30381, M002T30385
 12 V, Length 17.00, Lead length 37.00, Height 10.00, Thickness 7.00

140385 Brush Set

12 V, Length 14.00, Lead length 36.00, Height 17.00, Thickness 6.80


140386 Brush Set

 Replacing: MM502135, M648D20771, M648C24472, M648C24471/472, M648C24471, M648C20371
 Servicing: M005T22175, M005T22176, M5T20172, M5T22175, M5T22176, M5T23272
 12 V, Length 19.00, Lead length 45.50, Height 19.00, Thickness 6.50

140387 Brush Set

 Replacing: MD618460, M648X28671, M648X28271, M648C28671, M648C15472, M648C15372/472, M648C15372
 Servicing: M002T54371, M002T54372, M002T54571, M002T54572, M002T54771, M002T54871, M002T54881, M002T54882, M002T56171, M002T56181
 12 V, Length 18.00, Lead length 34.50, Height 18.00, Thickness 6.80

140388 Brush Set

 Replacing: M648X40871, M648X40811, M648C28571, M648C28371, M648C25671/672, M648C25671
 Servicing: M002T60072, M002T60171, M002T60172, M002T60185, M002T92071, M002T92171, M002T92172, M003T56183, M003T67771, M003T90072
 12 V, Length 17.00, Lead length 35.50, Lead length 2 42.30, Height 24.00, Thickness 8.00



140391 Brush Set
 Replacing: ME700200, M648C10671, M648C10171, E6457044M
 Servicing: ME-Y1R, ME-Y3R
 12 V, Length 14.00, Lead length 37.50, Height 17.00, Thickness 6.80



140395 Brush Set
 Replacing: ME700210, M648C24974, M648C24973/974, M648C24971/972
 Servicing: M004T50073, M004T55077, M4T50073, M4T50171, M4T55077
 12 V, Length 20.00, Lead length 42.50, Height 25.00, Thickness 8.00



140556 Brush Set
 Replacing: M648C12370, M648C12170
 Servicing: M002T10171, M002T20181A, M002T20281, M002T23685, M003T10475, M003T10476, M003T10672, M003T11174, M003T11272, M003T12572
 12 V, Length 17.50, Lead length 38.00, Height 11.73, Thickness 6.46



140559 Brush Set
 Replacing: MD611216, M647C00573, M647C00571, M647C00272, M647C00271
 Servicing: M000T70281, M000T70285, M000T81181, M000T84381, M001T60081, M001T60181, M001T60185, M001T60281, M001T60381, M001T60581
 12 V, Length 17.30, Lead length 80.00, Lead length 2 31.00, Height 11.76, Thickness 4.40
 w/o brush bar: HC-CARGO 141037.
 Alternative no.: 142331



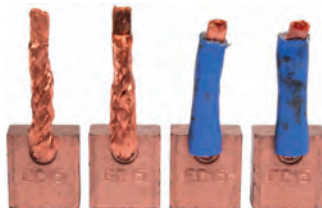
140560 Brush Set
 Replacing: M647C01771, M647C00671, M647C00371
 Servicing: 1810A062, 1810A101, 1810A143, M001T30072, M001T30171, M001T30173, M001T66081, M001T71881A, M001T74081, M001T74087
 12 V, Length 18.00, Lead length 90.50, Height 17.50, Thickness 4.50
 Alternative no.: GAS119, GAS120



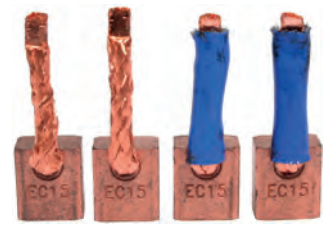
140561 Brush Set
 Replacing: MD618619, M647X02971
 Servicing: M000T71581, M000T71681, M001T60081, M001T71381, M001T72581, M001T72583, M001T72583G, M001T73281, M001T73283, M001T78981
 12 V, Length 17.50, Lead length 58.50, Height 12.00, Thickness 4.50



140591 Brush Set
 Replacing: MD618447, MD607420, M648X30971, M648X28771
 Servicing: M002T24181, M002T25581, M002T25681, M002T50391, M002T54091, M002T58581, M002T58681, M002T58781, M002T58881, M002T61871A
 12 V, Length 17.50, Lead length 37.00, Height 12.00, Thickness 6.50



140708 Brush Set
 Servicing: M001T50172, M001T50471, M1T50172, M1T50471
 12 V, Length 16.00, Lead length 30.50, Height 14.30, Thickness 6.70



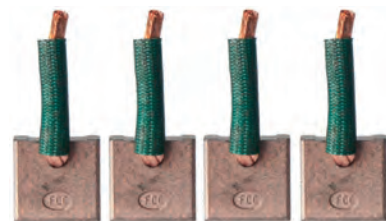
140709 Brush Set
 Servicing: M001T50171, M002T52871, M1T50171, M2T52871
 12 V, Length 14.00, Lead length 29.30, Height 12.00, Thickness 7.00



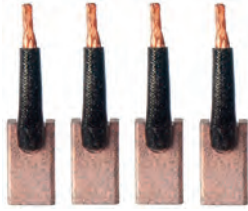
140743 Brush Set
 Replacing: M647X01871
 Servicing: M001T90081, M1T90081
 12 V, Length 17.50, Lead length 92.00, Lead length 2 24.00, Height 18.00, Thickness 4.50



140921 Brush Set
 Replacing: M647X04571, M647X03971
 Servicing: M000T60081, M000T60081A, M000T80081, M000T80281, M000T80281ZC, M000T80285, M000T80285A, M000T80381, M000T80581
 12 V, Length 12.50, Lead length 60.00, Lead length 2 26.00, Height 12.00, Thickness 4.50



140930 Brush Set
 Servicing: M1T30271
 12 V, Length 17.00, Lead length 31.50, Height 18.00, Thickness 4.50



140931 Brush Set

Replacing: M648D20671, M647C00171
 Servicing: M002T40081, M2T40081, MD066761
 12 V, Length 17.50, Lead length 30.50,
 Height 10.00, Thickness 4.50



140966 Brush Set

Replacing: M647X06571, M647X05971,
 M647X05871, M647X03471
 Servicing: M000T45271, M000T45271ZT,
 M000T60081, M000T60081A, M000T60181,
 M000T60181A, M000T80081, M000T80281A,
 M000T80281B
 12 V, Length 12.00, Lead length 60.00,
 Height 12.00, Thickness 4.50



140967 Brush

Replacing: MD618659, MD618540,
 M647X02671, M647X02071
 Servicing: M000T70281, M000T70285, M000T70381,
 M000T86181, M001T72483, M001T72483ZC,
 M001T76481, M001T79481, M001T79482
 12 V, Length 16.50, Lead length 73.00,
 Lead length 2 29.00, Height 12.00,
 Thickness 4.50



140973 Brush

Replacing: ME701466, M648X40771
 Servicing: 1810A050, M002T84071, M008T70371,
 M002T84071ZT, M002T84171, M002T84171ZT,
 M002T84571, M002T87471, M008T70071
 12 V, Length 17.50, Lead length 35.00,
 Height 12.00, Thickness 6.50

Pkg. 5



140983 Brush

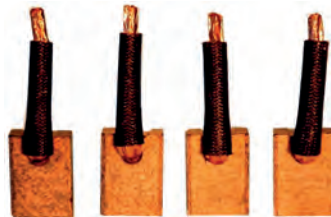
Replacing: M647C00871
 Servicing: M000T82081, M000T82081ZE,
 M000T85381, M001T60281, M001T71381,
 M001T71382, M001T71382ZC, M001T72581,
 M001T72583
 12 V, Length 17.50, Lead length 51.00,
 Lead length 2 28.00, Height 12.00,
 Thickness 4.50

Pkg. 20



141010 Brush

Replacing: ME701494, M648X40972
 Servicing: M002T84171, M002T84171ZT,
 M002T84571, M008T80071, M008T80071A,
 M008T80071B, M008T80371, M008T80373,
 M008T80471
 24 V, Length 17.00, Lead length 35.50,
 Height 12.00, Thickness 6.50



141037 Brush Set

Servicing: M000T82081, M000T82081ZE,
 M000T85381, M000T86181, M001T60181,
 M001T60185, M001T60581, M001T61181,
 M001T64285
 12 V, Length 16.50, Lead length 30.00,
 Height 12.00, Thickness 4.50
 w/ brush bar: HC-CARGO 140559.

Pkg. 10



141102 Brush

Replacing: ME701189, M648X28471
 Servicing: M002T78372, M002T78381,
 M002T78382, M002T78383, M2T78372,
 M2T78381, M2T78382, M2T78383, M2T78482,
 M2T78571, ME013390
 24 V, Length 18.00, Lead length 41.50,
 Height 24.00, Thickness 7.80



141189 Brush Set

Replacing: ME700304, ME700299,
 M648C26771
 Servicing: M008T62671, M4T66074,
 M4T66173, M8T62671
 12 V, Length 18.00, Lead length 39.00,
 Height 24.00, Thickness 8.00



141224 Brush Set

12 V, Length 15.15, Lead length 61.00/93.00,
 Lead length 2 30.00,
 Height 11.85, Thickness 4.42



141245 Brush Set

Servicing: M000T60081A, M000T60082,
 M000T81181, M000T85881, M001T84883,
 M001T84883ZC, M001T84884, M0T60081A,
 M0T60082, M0T60186
 12 V, Length 12.00, Lead length 80.00,
 Lead length 2 25.00, Height 12.00,
 Thickness 4.50



141253 Brush Set

Replacing: M647X05571, M647X04271, 647X04271
 Servicing: M000T80881, M000T88081, M001T74581, M001T74583, M001T74583ZC, M001T75281, M001T75283, M001T76481, M001T90081A
 12 V, Length 12.00, Lead length 114.00, Lead length 2 32.30, Height 12.00, Thickness 4.50



141259 Brush Set

Servicing: M000T85981, M000T86081, M000T93581, M000T93582, M001T85781, MOT85981, MOT86081, MOT93581, MOT93582, M1T85781, MD362207
 12 V, Length 12.50, Lead length 34.00, Lead length 2 57.00, Height 12.00, Thickness 4.50



141273 Brush Set

Replacing: M648C26371
 Servicing: M002T56071, M002T60071, M002T65271, M002T65272, M002T66873, M002T67884, M002T80582, M2T56071, M2T60071, M2T65271
 24 V, Length 18.15, Lead length 26.50, Height 17.80, Thickness 6.65



142006 Brush Set

Servicing: M008T61671, M009T60371, M009T60471, M009T60671, M009T60672, M009T61171, M009T61473, M009T61474, M009T61571, M009T61671
 24 V, Length 18.00, Lead length 41.50, Height 30.00, Thickness 8.00



142056 Brush Set

Servicing: M000T36071, M000T36371, M000T45071ZT, M000T84585, M000T86181, M000T91581, M00T87881, MOT36071, MOT36371, MOT45071ZT
 12 V, Length 12.00, Height 12.00, Thickness 4.50
 Alternative no.: B142056



142331 Brush Set

Replacing: MD611216, M647C00573, M647C00571, M647C00272, M647C00271
 Servicing: M000T70281, M000T70285, M000T81181, M000T84381, M001T60281, M001T60581, M001T61181, M001T70283, M001T70283ZC
 12 V, Length 17.30, Lead length 80.00, Lead length 2 31.00, Height 11.76, Thickness 4.40
 w/o brush bar: HC-CARGO 141037.
 Alternative no.: 140559



142350 Brush Set

Servicing: M009T80472, M009T80473, M009T83671, M009T83672, M9T80472, M9T80473, M9T83671, M9T83672
 Length 18.00, Lead length 40.00, Height 30.00, Thickness 7.95



330182 Brush Set

Servicing: 1810A011, M000T20171, M000T20871, M000T20871ZE, M000T20872, M000T20872ZE, M000T21471, M000T21671, M000T22471
 12 V, Length 12.20, Lead length 35.00, Height 11.84, Thickness 4.30

Brushes

Pkg. 100



B142056 Brush

Replacing: B142056
 Servicing: M000T87081, M000T87881, M001T80381, M001T80481, MOT87081, MOT87881, M1T80381, M1T80481, MOT87881
 12 V, Length 12.00, Height 12.00, Thickness 4.50
 Alternative no.: 142056

Pkg. 100



GAS119 Brush

Replacing: M647C01771, M647C00671, M647C00371
 Servicing: M001T30071, M001T30172, M001T30271, M001T80181, M001T80481, M001T93371ZC, M1T30073, M1T74581, M1T74581ZC, M1T80181
 12 V, Length 18.00, Lead length 90.50, Height 17.50, Thickness 4.50
 Alternative no.: 140560

Pkg. 100



GAS120 Brush

Replacing: M647C01771, M647C00671, M647C00371
 Servicing: M001T30071, M001T30172, M001T30271, M001T80181, M001T80481, M001T93371ZC, M1T74581, M1T74581ZC, M1T80181, M1T80481
 12 V, Length 18.00, Height 17.50, Thickness 4.50
 Alternative no.: 140560

Bushings

Pkg. 10


140319 Bushing

Replacing: M409D30201

Servicing: M000T81981, M000T84585, M000T84781, M000T86081, M000T86181, M000T91581, M001T30072, M001T30171, M001T30173, M001T30271

ID 10.00, OD 14.00, Length 12.00

Alternative no.: B140319

Pkg. 10


140320 Bushing

Replacing: MD602687, MD602686, M410D12171, M410D12071, M410D11271

Servicing: A3T22681, M001T50171, M001T50172, M002T10171, M002T20281, M002T50371, M002T50381, M002T50391, M002T50481, M002T50485

ID 11.06, OD 13.03, Length 13.00

Alternative no.: B140320

Pkg. 10


140321 Bushing

Replacing: MD602213, M410D30171, M410D00271, M409D32201

Servicing: A3T22681, M002T10171, M002T10271, M002T10471, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23181, M002T23685

ID 14.27, OD 17.26, Length 12.45

Alternative no.: B140321

Pkg. 10


140322 Bushing

Replacing: MM502137, M410D11671

Servicing: M005T22175, M005T22176, M5T20172, M5T22175, M5T22176, M5T23272, M5T25373, M5T27672

ID 12.23, OD 14.36, Length 15.70

Alternative no.: B140322

Pkg. 10


140323 Bushing

Replacing: M410D12671

ID 14.20, OD 16.20, Length 15.70

Alternative no.: B140323

Pkg. 10


140326 Bushing

Replacing: MD604062

Servicing: MEA07-0, MQJ1R, MQJ2R, PW501783

ID 12.54, OD 14.72, Length 14.00

Alternative no.: B140326

Pkg. 10


140328 Bushing

Replacing: MD604066

ID 12.54, OD 16.55, Length 10.50

Alternative no.: B140328

Pkg. 10


140428 Bushing

Replacing: MD607741, M409C13070, M409C12670

Servicing: A3T22681, M002T10171, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23181, M002T23685, M003T10473, M003T10475

ID 11.02, OD 14.00, Length 13.00

Alternative no.: B140428

Pkg. 10


140429 Bushing

Replacing: MD607903, M649C32370, M409C32370

Servicing: M002T13081, M002T13281, M002T13581, M002T20181, M002T20181D, M002T23081, M002T25772, M002T30381, M002T30385, M002T30481

ID 12.02, OD 16.00, Length 9.50

Alternative no.: B140429

Pkg. 10


140430 Bushing

Replacing: MD611042, M409C12870

Servicing: 1810A011, M000T20171, M000T20871, M000T20871ZE, M000T20872, M000T20872ZE, M000T21471, M000T21671, M000T22471

ID 10.10, OD 14.04, Length 9.60



Pkg. 10

140466 Bushing

Replacing: M002T10171, M002T10271, M002T10471, M002T20181, M002T20181A, M002T20182, M003T10071, M003T10271, M003T10272, M003T10372

ID 11.00, OD 13.00, Length 17.55

Pkg. 10



140484 Bushing

Replacing: M003T61071, M3T61071
ID 18.80, OD 20.00, Length 11.00

Pkg. 10



140505 Bushing

Replacing: M409D01301
Servicing: M001T50071, M003T15772, M1T50071, M3T15772, MED03-1
ID 17.00, OD 20.00, Length 8.00

Pkg. 10



140555 Bushing

Replacing: MD607892, M409C13270, M409C12970
Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T71786, M000T71881, M000T80081, M000T80281
ID 10.03, OD 14.00, Length 12.50
Alternative no.: B140555



Pkg. 10

140586 Bushing

ID 12.85, OD 14.91, Length 21.50

Pkg. 10



140629 Bushing

ID 12.90, OD 14.44, Length 17.79
Alternative no.: B140629

Pkg. 10



140694 Bushing

ID 12.53, OD 15.10, Length 9.80
Alternative no.: B140694

Pkg. 10



140729 Bushing

ID 12.03, OD 14.00, Length 20.85
Alternative no.: B140729

Pkg. 10



140730 Bushing

ID 12.05, OD 14.13, Length 15.90



Pkg. 10

140731 Bushing

Replacing: MD618334, M409X32571, M409X32471, M409C32470, M409C32401
Servicing: 1810A011, 1810A062, M000T20472, 1810A101, 1810A143, M000T20171, M000T20871ZE, M000T20872, M000T20872ZE, M000T21471
ID 10.10, OD/collar 15.95, OD 12.95, Length 10.45, Height/collar 1.95

Pkg. 10



140779 Bushing

ID 18.93, OD 22.09, Length 9.00
Alternative no.: B140779

Pkg. 10



140846 Bushing

Servicing: M001T70281, M001T70281ZC, M001T70283, M001T70283ZC, M001T85781, M001T90081, M001T90081A, M001T90281, M008T71371
ID 19.03, OD 22.05, Length 9.00
Alternative no.: B140846

Pkg. 10



140908 Bushing

Servicing: M002T51082, M002T51083, M002T54571, M002T54572, M002T54771, M002T56171, M002T56181, M002T56182, M002T56185, M002T56272
ID 14.20, OD 16.04, Length 10.60
Alternative no.: B140908

Pkg. 10



140915 Bushing
 Servicing: M002T80582, M2T80582
 ID 9.85, OD 14.05, Length 11.90

Pkg. 10



140964 Bushing
 Servicing: M002T50171, M002T50371,
 M002T50381, M002T52071, M2T50171,
 M2T50371, M2T50381, M2T52071, MM409410
 ID 15.77, OD 17.02, Length 9.81
*Used w/ bearing type 6003: HC-CARGO
 140273.*
 Alternative no.: B140964

Pkg. 10



140970 Bushing
 Servicing: M000T86081, M000T86581,
 M001T80081, M001T80082, MOT86081,
 MOT86581, MOT880082, M1T80081,
 M1T80082
 ID 8.12, OD 12.12, Length 11.44
 Alternative no.: B140970

Pkg. 10



140998 Bushing
 ID 10.75, OD 12.35, Length 21.00

Pkg. 10



140999 Bushing
 Servicing: M002T62271, M002T63171,
 M002T65271, M002T65272, M002T66871,
 M002T66873, M002T67871, M002T67872,
 M002T67873, M002T67881
 ID 14.16, OD 18.10, Length 11.15

Pkg. 10



141025 Bushing
 Servicing: M001T30271, M001T60081,
 M001T60185, M001T60381, M001T70283,
 M001T70283ZC, M001T70481,
 M001T70481ZC, M001T70482
 ID 10.17, OD 14.07, Length 12.20

Pkg. 10



141027# Bushing
 ID 10.81, OD 12.66, Length 21.00

Pkg. 10



141056 Bushing
 ID 12.16, OD 13.84, Length 20.00

Pkg. 5



141131 Bushing
 Servicing: M003T90071, M003T90072,
 M3T90071, M3T90072
 ID 17.10, OD 22.10, Length 16.20

Pkg. 10



141145 Bushing
 Servicing: 1810A062, 1810A143,
 M000T20171, M000T20871, M000T21671,
 M000T35471, M000T36071, M000T80281A,
 M000T80281B, M000T80285
 ID 8.10, OD 11.55, Length 11.63

Pkg. 10



141146 Bushing
 Servicing: M001T77781, M1T77781
 ID 10.12, OD 14.00, Length 12.00

Pkg. 10



141148 Bushing
 ID 8.11, OD 10.93, Length 11.25

Pkg. 10



141150 Bushing
ID 11.00, OD 13.00, Length 12.60

Pkg. 10



141151 Bushing
ID 14.25, OD 17.25, Length 9.15

Pkg. 10



141220 Bushing
Servicing: M001T50471, M1T50471
ID 10.95, OD 13.06, Length 13.10

Pkg. 10



141243 Bushing
Servicing: M191X68471
ID 13.04, OD 15.05, Length 21.00

Pkg. 10



142022 Bushing
Servicing: M000T45071ZT, M000T45171, M000T45171ZT, M000T45271, M000T45271ZT, M000T45371ZT, M000T46171ZT, MOT45071ZT, MOT45171
ID 9.05, OD 13.00, Length 8.50

Pkg. 10

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142025 Bushing
Servicing: M357T70171, M357T70571, M357T70771, M357T71687, M357T71871, M357T78071
ID 10.00, OD 11.62, Length 14.15

Pkg. 10



142057 Bushing
Servicing: M000T20171, M000T20871, M000T21671, M000T35471, M000T36071, MOT20871, MOT35471, MOT36071
ID 17.60, OD 20.90, Length 7.40

Pkg. 10



142349 Bushing
Servicing: M002TS0571, M002TS0575, M2TS0571, M2TS0575
ID 11.03, OD 16.05, Length 13.00

Pkg. 10



332635 Bushing
Servicing: 1810A053, M002T87071, M002T87071ZT, M002T87072ZT, M2T87071, M2T87071ZT, M2T87072ZT, MD312858
ID 10.10, OD 12.98, Length 12.00

Pkg. 10



332775 Bushing
ID 8.10, OD 12.03, Length 11.10

Pkg. 100



B140319 Bushing
Replacing: M409D30201
Servicing: M000T86181, M000T87881, M001T30071, M001T30172, M001T30271, M001T80381, M008T62671, MOT86181, MOT87881, M1T30073
ID 10.00, OD 14.00, Length 12.00
Alternative no.: 140319

Pkg. 100



B140320 Bushing
Replacing: MD602687, MD602686, M410D12171, M410D12071, M410D11271
Servicing: MM409410
ID 11.06, OD 13.03, Length 13.00
Alternative no.: 140320

Pkg. 100



B140321 Bushing
Replacing: MD602213, M410D30171, M410D00271, M409D32201
ID 14.27, OD 17.26, Length 12.50
Alternative no.: 140321

Pkg. 100



B140322 Bushing
 Replacing: MM502137, M410D11671
 ID 12.23, OD 14.37, Length 15.65
 Alternative no.: 140322

Pkg. 100



B140323 Bushing
 Replacing: M410D12671
 ID 14.20, OD 16.20, Length 15.70
 Alternative no.: 140323

Pkg. 100



B140326 Bushing
 Replacing: MD604062
 ID 12.55, OD 14.72, Length 14.00
 Alternative no.: 140326

Pkg. 100



B140328 Bushing
 Replacing: MD604066
 ID 12.54, OD 16.55, Length 10.50
 Alternative no.: 140328

Pkg. 100



B140428 Bushing
 Replacing: MD607741, M409C13070,
 M409C12670
 ID 11.02, OD 14.00, Length 13.00
 Alternative no.: 140428

Pkg. 100



B140429 Bushing
 Replacing: MD607903, M649C32370,
 M409C32370
 Servicing: MD335584
 ID 12.02, OD 16.00, Length 9.50
 Alternative no.: 140429

Pkg. 100



B140555 Bushing
 Replacing: MD607892, M409C13270,
 M409C12970
 Servicing: M000T82081, M000T82081ZE,
 M000T84881, M000T84881ZC, M000T85381,
 M000T87081, M001T84382ZC, MOT82081,
 MOT82081ZE
 ID 10.03, OD 14.00, Length 12.50
 Alternative no.: 140555

Pkg. 100



B140629# Bushing
 Replacing: 140629
 ID 12.90, OD 14.44, Length 17.79
 Alternative no.: 140629

Pkg. 100



B140694# Bushing
 Replacing: 140694
 ID 12.53, OD 15.10, Length 9.80
 Alternative no.: 140694

Pkg. 100



B140729 Bushing
 Replacing: 140729
 Servicing: M001T30271
 ID 12.03, OD 14.00, Length 20.85
 Alternative no.: 140729

Pkg. 100



B140779 Bushing
 Replacing: 140779
 ID 18.93, OD 22.09, Length 9.00
 Alternative no.: 140779

Pkg. 100



B140846 Bushing
 Replacing: 140846
 Servicing: M008T71371ZE, M008T71471ZE,
 M8T71371ZE, M8T71471ZE, M8T75371
 ID 19.03, OD 22.05, Length 9.00
 Alternative no.: 140846

Pkg. 100



B140908 Bushing

Replacing: 140908
 Servicing: M009T61971, M009T62671, MM409412
 ID 14.17, OD 16.05, Length 10.40
 Alternative no.: 140908

Pkg. 100



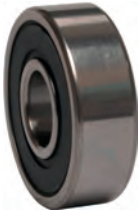
B140970 Bushing

Replacing: 140970
 Servicing: MOT86581
 ID 8.12, OD 12.12, Length 11.44
 Alternative no.: 140970

Bearings

Ball Bearings

Pkg. 10



140222 FAG 608-2RS-C3 Ball Bearing

Replacing: S930P62070, S930P14201, S930P12070
 Servicing: M001T50071, M001T50171, M001T50172, M001T50471, M001T70281, M001T70281ZC, M001T70481, M001T70481ZC, M001T70482
 ID 8.00, OD 22.00, Height 7.00
 Alternative no.: 142279, 333106

Pkg. 26



140224 6902-2RS-P Ball Bearing

ID 15.00, OD 28.00, Height 7.00

Pkg. 10



140271 FAG 6000-C-2HRS-C3 Ball Bearing

Replacing: S930P14101
 Servicing: M002T80582, M002T87971, M003T61071, M003T61171, M2T80582, M2T87971, M3T61071, M3T61171, MD344182, MM409411
 ID 10.00, OD 26.00, Height 8.00
 Alternative no.: 142277, 333099

Pkg. 10



140412 M410X12971 Ball Bearing

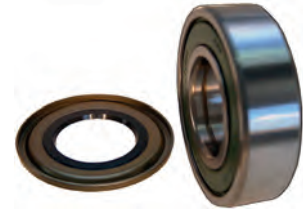
Replacing: ME700849, M410X12971
 Servicing: 34466-15101, 34466-15102, M001T50171, M001T50172, M002T50391, M002T51082, M002T51083, M002T51085, M002T51181
 ID 19.00, OD 37.00, Height 9.00, Bushing w/

CAR GO High Performance



140868 6906-2RS1 Ball Bearing

Servicing: M000T60081, M000T60081A, M001T60081, M001T60181, M001T60185, M001T60281, M001T60285, M001T60285A, M001T60381
 ID 30.00, OD 47.00, Height 9.00



141009 Ball Bearing Kit

Replacing: ME701484, M690X00572, M690X00571
 Servicing: M008T55171, M008T70371, M008T71571, M008T75171, M008T77071, M008T77072, M008T77074, M008T77075, M008T80071, M008T80071A
 ID 20.00, OD 42.00, Height 12.00
 Oil seal: 20.00x38.20x2.40 mm.



141038 Ball Bearing Kit

Replacing: M410X14171
 Servicing: M002T57871, M002T57881, M002T61771, M002T67881, M002T67882, M002T67883, M002T67884, M002T69081, M002T78372, M002T78381
 ID 20.00, OD 42.00, Height 12.00, Bushing w/ w/ gasket.



141166 Ball Bearing

Replacing: 6906DW
 Servicing: M000T60081, M000T60181, M001T60281, M001T60285, M001T60381, M0T60081, M0T60181, M0T60187, M1T60281, M1T60285, M1T60381
 ID 30.00, OD 47.00, Height 9.00

Pkg. 10



142005 6805-2RS Ball Bearing

Replacing: 6805D2
 Servicing: A003TA6581A, A003TA6581AK, A003TA6581KD, A3TA6581A, A3TA6581AKD, A3TA6581KD, M009T60471, M009T60672, M009T61171
 ID 25.00, OD 37.00, Height 7.00



142021 FAG F-845204.62/28 Ball Bearing

Servicing: 39MT, M009T80472, M009T80473, M009T83671, M009T83672, M9T80472, M9T80473, M9T83671, M9T83672
ID 28.00, OD 58.00, Height 16.00,
Lock ring w/, Teflon ring w/
w/ 2 internal grooves.

Needle Bearings

Pkg. 5



140381 Needle Bearing
ID 22.00, OD 28.00, Height 12.00

Pkg. 10



140514 Needle Bearing

Replacing: S933P65270
Servicing: M002T92071, M002T92071A, M002T92171, M002T92172, M002T92172A, M2T92071, M2T92071A, M2T92171, M2T92172, M2T92172A
ID 12.00, OD 17.00, Height 12.00

Pkg. 10



140738 Needle Bearing

Replacing: S933P70669, S933P70605
Servicing: M000T82081, M000T82081ZE, M000T85381, M000T86181, M001T74781, M001T74781A, M001T74785, M001T80481, M001T85682
ID 10.00, OD 15.00, Height 15.00
Closed end. w/ rubber seal.



140876 Needle Bearing

Servicing: M002T61071, M002T61072, M002T61171, M002T62271, M002T63171, M002T66871, M002T66873, M002T67871, M002T67872, M002T67873
ID 14.00, OD 18.72, Height 12.00

Pkg. 5



140920 Needle Bearing

Servicing: 1810A062, 1810A143, M000T86081, M001T30271, M001T80381, M002T80582, M002T84771, M002T87671, M002T88071, M002T88271
ID 17.46, OD 22.23, Height 9.40

Pkg. 5



141065 Needle Bearing

Servicing: M008T50071, M008T50072, M008T62671, M008T70371, M008T71571, M008T75071, M008T75073, M008T75074ZT, M008T75171
ID 20.50, OD 27.00, Height 9.50

Pkg. 10

Pkg. 5



141090 Needle Bearing

Servicing: 1810A053, M002T80582, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T87071
ID 10.00, OD 15.05, Height 11.60x15.40
Closed end.
Alternative no.: B141090



331936 Needle Bearing

Servicing: M001T93071, M001T93171ZC, M001T93371, M001T93371ZC, M001T93571, M1T93071, M1T93171, M1T93171ZC, M1T93371ZC, M1T93571
ID 14.00, OD 20.00, Height 13.90

Sundry Parts

Covers



137427 Cover Kit

Replacing: MD607940, M212X14471
Servicing: M002T51181, M002T51281, M002T51282, M002T53882, M002T53883, M002T54091, M002T54771, M2T51181, M2T51281, M2T51282



137545 Cover Kit

Replacing: ME700125, M212X11771
Servicing: M002T51082, M002T51083, M002T54271, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T56171



137546 Cover Kit

Replacing: ME700973, M212X11573
Servicing: M002T57871, M002T57881, M002T61771, M002T62271, M002T66871, M002T66873, M002T67871, M002T67872, M002T67873, M002T67881



230549 Cap

Replacing: M234X54371
 Servicing: M000T60081, M001T60281, M001T60285, M001T60381, M0T60081, M191X13471, M191X13571, M1T60281, M1T60285, M1T60381
 OD 17.00, Height 8.15

Pkg. 5

Oil Seals



133020 Oil Seal

Replacing: S806P94103, S806P10901
 Servicing: M003T54071, M003T54072, M003T56174, M003T56181, M003T56182, M003T56183, M005T50176, M2T64471, M3T54071, M3T54072
 ID 16.55, OD 35.25, Height 6.90

Pkg. 10



135940 Oil Seal

Replacing: S806P94203
 Servicing: 34466-15101, 34466-15102, M002T56471, M002T56472, M002T56475, M002T60271, M002T61371, M002T65271, M002T65272
 ID 18.50, OD 42.15, Height 6.50

Pkg. 5



230759 Seal

Servicing: 1810A050, 1810A050R, 32A66-10101, M008T61671, M008T62671, M008T70371, M008T70471, M008T70471A, M008T71571, M008T75071A
 ID 21.00, OD 38.00, Height 2.45



233591 Oil Seal

Servicing: M002T62271, M002T74371, M2T62271, M2T74371
 ID 18.75, OD 34.20, Height 4.90

Pkg. 10

Pkg. 10



236453 Oil Seal

Servicing: M009T60371, M9T60371
 ID 23.00, OD 42.00, Height 3.25

Pkg. 10



237101 Gasket

Servicing: M009T60471, M009T60671, M009T60672, M009T61171, M009T61473, M009T61474, M009T61671, M009T61971, M009T62172, M009T62671
 ID 24.30, OD 42.00, Height 2.90

O-rings

Pkg. 10



134484 O-ring

Replacing: M578D13501
 Servicing: M002T54271, M002T54371, M002T54372, M002T54471, M002T54572, M002T54671, M002T56471, M002T56472, M002T57671, M002T57671A
 ID 5.00, Thickness 2.00



134485 O-ring

Replacing: M816D00701
 Servicing: M002T54371, M002T54372, M002T54471, M002T54572, M002T54671, M002T56471, M002T56472, M002T57671, M002T57671A, M002T57673
 ID 4.00, Thickness 2.00

Pkg. 10

Pkg. 10



134486 O-ring

ID 8.00, Thickness 2.00

Pkg. 10



134487 O-ring

Servicing: M008T62671, M009T60371, M009T60471, M009T60671, M009T60672, M009T61171, M009T61473, M009T61474, M009T61571, M009T62172
 ID 10.00, Thickness 2.00

Pkg. 10



134489 O-ring

ID 43.00, Thickness 2.00



Pkg. 10

139205 O-ring

Replacing: MD618547, M578X26871

Servicing: M000T60081, M000T60081A, M000T60181, M000T60181A, M000T65381, M000T70281, M000T70285, M000T70381, M000T71385

ID 52.50, Thickness 4.85, Material Rubber



Pkg. 10

231891 O-ring

Servicing: M002T54372, M002T54571, M002T54572, M002T54671, M002T56471, M002T56472, M002T57671A, M002T57673A, M002T57871

ID 46.50, Thickness 1.90

Thru Bolts

Pkg. 10


135982 Through Bolt

Replacing: M981S70202

Servicing: M000T71681, M003T30881, M003T33081, M003T38881, M003T38881A, M003T38881B, M003T38881C, M003T38882, M003T38882A

Total length 137.00, Length/rear collar 121.05, Thread length 19.06, Thread size M5, Thread size/rear M5


136359 Through Bolt Kit

Replacing: MD602738, M981X74671, M901X00371

Servicing: 1810A050, 1810A050R, 32A66-10101, M002T54271, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671

Total length 167.45, Length/rear collar 161.25, Thread length 33.90, Thread size M6



Pkg. 10

191531 Through Bolt

Replacing: M901X01571

Servicing: M003T24481, M003T24482A, M003T25783, M3T24481, M3T24482A, M3T24485, M3T25783

Total length 89.40, Length/rear collar 85.10, Thread length 25.30, Thread size M6


231122 Through Bolt

Replacing: M901X00171

Servicing: 1810A062, 1810A143, M001T93071, M001T93171ZC, M001T93371, M001T93371ZC, M001T93571, M002T10471, M003T10372, M003T10473

Total length 138.35, Length/rear collar 132.30, Thread length 35.85, Thread size M6



Pkg. 2

231345 Through Bolt Kit

Replacing: M981C74201

Servicing: 1810A101, M001T30071, M001T30072, M001T30171, M001T30172, M001T30173, M001T30271, M001T75283, M001T80081, M001T80082

Thread M5, Total length 144.00, Thread length 33.00


231393 Through Bolt Kit

Replacing: M981X75371

Servicing: M002T60072, M002T60171, M002T60172, M002T92071, M2T60072, M2T60171, M2T60172, M2T92071, MD072654, MD095865

Thread M6, Total length 183.50, Thread length 30.30


231394 Through Bolt

Replacing: M981C73901

Servicing: M001T74081, M001T74491, M001T75181, M001T75181A, M001T75681, M001T76281, M001T90081, M001T90081A, M002T24181

Total length 153.00, Length/rear collar 149.00, Thread length 34.40, Thread size M5



231399 Through Bolt
 Replacing: M981C74001
 Servicing: M001T50172, M001T50471, M002T50171, M002T50181, M002T50281, M002T50285, M002T50371, M002T50381, M002T50391, M002T50481
 Total length 78.00,
 Length/rear collar 73.20,
 Thread length 36.80, Thread size M5

Pkg. 5



231505 Through Bolt Kit
 Replacing: MD618969, M981X72874
 Servicing: 1810A053, M002T84071, M002T85671, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T84771, M002T85271
 Thread M6, Total length 155.00,
 Thread length 33.65



231683 Through Bolt Kit
 Replacing: M981X73274
 Servicing: M000T36071, M000T36071ZE, M000T36371, M000T36971, M000T36971ZE, M000T45071ZT, M000T45171, M000T45171ZT, M000T45271
 Thread M5, Total length 118.00,
 Thread length 17.60

Various



132639 Stop Collar Kit
 Replacing: M385X01273
 Servicing: M005T22175, M005T22176, M5T20172, M5T22175, M5T22176, M5T23272, M5T25373, M5T27672
 ID 14.20, OD 20.50, Height 6.80



133021 Stop Collar Kit
 Replacing: M385X03771
 Servicing: 1810A050, 1810A050R, 32A66-10101, M002T54271, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671
 ID 15.00, OD 21.00, Height 6.00



134851 Stop Collar Kit
 Replacing: MD611212, M385X04772
 Servicing: M000T21671, M000T30471, M000T30571, M000T36071, M000T36071ZE, M000T36371, M000T70281, M000T70285, M000T70381
 ID 12.10, OD 17.40, Height 4.30

Pkg. 5



134948 Snap Ring
 Replacing: M981D61301
 Servicing: M002T51082, M002T51083, M002T51085, M002T51805, M002T54771, M002T57371, M2T51082, M2T51083, M2T51085, M2T51805
 ID/housing 15.20, OD/housing 18.80,
 Thickness 1.00



134949 Stop Collar Kit
 Replacing: MD602720, M385X03371, M385X00272
 Servicing: A3T22681, M002T10171, M002T10471, M002T20181, M002T20181A, M002T20281, M002T80582, M003T10172, M003T10372, M003T10473
 ID 13.00, OD 17.50, Height 6.80



134950 Stop Collar Kit
 Replacing: MD607416, M385X03471
 Servicing: M001T50172, M001T50471, M002T10271, M002T50171, M002T50181, M002T50281, M002T50285, M002T50371, M002T50381, M002T50391
 ID 13.50, OD 19.00, Height 6.00



134951 Stop Collar Kit
 Replacing: M385X06771
 Servicing: M002T84771, M002T88671, M003T27685, M003T27686, M2T84771, M2T88671, M3T27685, M3T27686
 ID 13.00, OD 17.50, Height 4.70



134952 Stop Collar Kit
 Replacing: MD607893, M385X04771, M385X04571
 Servicing: M001T79681, M001T79781, M002T13081, M002T13281, M002T13581, M002T20181, M002T20181D, M002T30381, M002T30385, M002T30481
 ID 12.00, OD 17.40, Height 4.50



135368 Stop Collar Kit
 Replacing: M385X05071
 Servicing: 1810A011, 1810A062, 1810A101, 1810A143, M000T20171, M000T20472, M000T20871, M000T20871ZE, M000T20872, M000T20872ZE
 ID 12.00, OD 17.50, Height 5.00

Pkg. 10


135574 Steel Ball

Replacing: S409S00008

Servicing: 1810A050, 1810A050R, 1810A053, 1810A062, 1810A101, 1810A143, 32A66-10101, M000T60081, M000T60081A, M000T60181

OD 6.35, Material Steel


135979 Spring Kit

Replacing: MD602963, M389X10871

Servicing: M001T50172, M002T10171, M002T10271, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23081, M002T25772, M002T50171

OD 19.55, Length 14.50


137457 Spring Kit

Replacing: ME700134, M389X12371, M389X11473

Servicing: M002T54271, M002T54371, M002T54372, M002T54471, M002T54671, M002T56471, M002T56472, M002T56475, M002T57871, M002T57881


137758# Washer

Servicing: M002T67881, M002T67882, M002T67883, M002T67884, M2T67881, M2T67882, M2T67883, M2T67884, ME017036, ME017085, ME017089

ID 13.25, OD 25.75, Thickness 0.50, Material Steel


137927# Spring Kit

Replacing: M389X10878

Servicing: M001T50471, M002T23685, M002T24081, M002T24181, M002T25083, M002T25481, M002T25581, M002T25681, M003T26781, M1T50471

OD 19.45, Length 14.70


138889 Stop Collar Kit

Replacing: M385X05371

Servicing: M000T45071ZT, M000T45171, M000T45171ZT, M000T45271, M000T45271ZT, M000T45371ZT, M000T46171ZT, M000T60081, M000T60081A

ID 12.00, OD 15.00, Height 5.50


139203 Screw Set

Replacing: MD607887, M414X00474

Servicing: 1810A011, 1810A101, M000T20171, M000T20472, M000T20871, M000T20871ZE, M000T20872, M000T20872ZE, M000T21671, M000T22472

Thread M6, Thread 2 M5, Thread length 22.00/7.50


139411 Spring Kit

Replacing: MM502330, M389X10877

Servicing: A3T22681, M002T10471, M002T50391, M002T51181, M002T51281, M002T51282, M002T52281, M002T58381, M002T58481, M002T58581


139414 Spring Kit

Replacing: MD619001, MD607446, M389X11482, M389X11472

Servicing: M002T56171, M002T56181, M002T56182, M002T56185, M002T56271, M002T56272, M002T57271, M002T57273, M002T57771, M002T57773

Length 55.00


139539 Stop Collar Kit

Replacing: MD618964, M385X05971

Servicing: 1810A053, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T87071, M002T87071ZT

ID 13.10, OD 18.40, Height 5.00


230999 Screw Set

Replacing: M414X00472, M414X00171

Servicing: 1810A062, 1810A143, M000T21471, M000T22471, M000T32171, M000T32172, M000T32172ZE, M000T32173ZE, M000T32177, M000T32271

Thread M5, Thread 2 M6, Thread length 7.50/22.00


231001 Washer Kit

Replacing: MD607896, M900X02471

Servicing: M002T13081, M002T13281, M002T13581, M002T20181, M002T20181D, M002T30381, M002T30385, M002T30481, M002T30581, M002T30585



231120 Screw Set

Replacing: M414X00487, M414X00471
 Servicing: 1810A050R, A3T22681, M002T84071, M002T84171, M002T84571, M002T85271, M002T85671, M002T85672, M002T87071, M002T87171
 Thread M6, Thread 2 M5,
 Total length 26.50/15.50,
 Thread length 22.00/11.00,
 Slot type Phillips, Pozidriv



231388 Screw Set

Replacing: ME700131, M414X04872, M414X04871
 Servicing: M002T54271, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T56171, M002T56181, M002T56182, M002T56185
 Thread M5, Thread 2 M6/M6,
 Thread length 12.00/30.00/42.00



231581 Washer Kit

Replacing: ME701436, M982X38871
 Servicing: 1810A050R, 32A66-10101, M008T55171, M008T60071, M008T60071A, M008T60371, M008T60372, M008T60373, M008T60871, M008T60872
 ID 21.25, OD 36.60, Thickness 0.80,
 Material Steel



231684 Stop Collar Kit

Replacing: M385X04871
 Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M000T85981, MOT70881, MOT80281, MOT80281A
 ID 12.10, OD 17.40, Height 6.50



232597[#] O-ring

Servicing: M003T90071, M003T90072, M3T90071, M3T90072



233060[#] Retaining Ring

OD/housing 13.00, Thickness 1.75,
 Material Steel
 Included in HC-CARGO 134949.



233164 Drain Tube

Servicing: 1810A053, 1810A062, 1810A143, 32A66-10101, M000T30771, M000T45171, M000T45171ZT, M000T71681, M000T80381, M000T81281
 ID 7.70, OD 11.55, Length 9.90



233541[#] Connection

Servicing: M001T60281, M001T60285, M001T60285A, M001T70985, M001T71681, M1T60281, M1T60285, M1T60285A, M1T70985, M1T71581



234972 Stop Collar Kit

ID 13.50, OD 17.50/19.00, Height 6.00



235002 Stop Collar Kit

ID 15.10, OD 19.40/20.80, Height 6.10



235003 Stop Collar Kit

Servicing: M008T61671, M8T61671
 ID 15.10, OD 19.40/20.80, Height 5.90



236094 Drain Tube

Servicing: 1810A011, 1810A101, M000T20871ZE, M000T20872, M000T20872ZE, M000T21471, M000T32271, M000T32571ZE, M000T32572ZE

Pkg. 10

Pkg. 10

Pkg. 5

Pkg. 10

Pkg. 5

Pkg. 10

Pkg. 5


236445 Gasket

Servicing: M008T62671, M009T60371,
M009T60471, M009T60671, M009T60672,
M009T61171, M009T61671, M009T61971,
M009T62172, M009T62671

OD 44.50, Thickness 3.50

Pkg. 10


236778 Gasket

Servicing: M000T36371, M000T87681,
M000T90981, MOT36371, MOT87681,
MOT90981

Thickness 5.40


236782 B+ terminal

Servicing: M000T87681, M000T90981,
MOT87681, MOT90981

Total length 46.00, Thread length 13.40,
Thread size M8

Pkg. 100


332612 Gasket

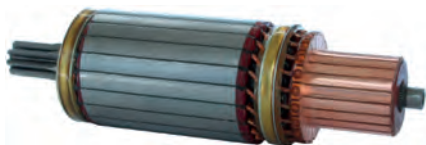
Servicing: 1810A050R, M000T20171,
M000T21671, M000T22471, M000T84881,
M000T84881ZC, M000T87681, M001T30271,
M002T85271, M002T88471

ID 8.00, OD 10.50, Thickness 0.50,
Type Starter, Material Fiber

D.E. Brackets



330720 D.E. Bracket
Replacing: M640X30271

Armatures
12 V

134971 Armature

Replacing: 7-23100-0330, 7-23100-0240, 7-23100-0201, 7-23100-0200, 7-23100-0160, 0-23100-0201, 0-23100-0200

Servicing: 0-23000-0081, 0-23000-0091, 0-23000-0120, 0-23000-0130, 0-23000-0172, 0-23000-0173, 0-23000-0210, 0-23000-0260

12 V, 2.2 kW, Shaft length 174.30, Core thickness 48.40, No./teeth 8, Rotation CR/ACR


135703 Armature

Replacing: 7-23100-0090

Servicing: 0-23000-1010, 0-23000-1020, 0-23000-1040, 0-23000-1300

12 V, 2.2 kW, Shaft length 180.00, Core thickness 60.00, No./teeth 8, Rotation CR/ACR

24 V

132534 Armature

Replacing: 1-81121-0070, 1-21100-1190

Servicing: 0-21000-3271, 0-21000-3480, 0-21000-3491, 0-21000-3520, 0-21000-3650, 0-21000-3651, 0-21000-3661, 0-21000-3690

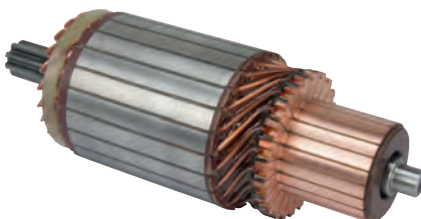
24 V, 3.7/5.2 kW, Shaft length 355.80, Core thickness 82.65, No./splines 15, Rotation CR


132536 Armature

Replacing: 7-23100-0290, 7-23100-0040, 1-23100-0120, 0-23100-0121

Servicing: 0-23000-6070, 0-23000-6071, 0-23000-6072, 0-23000-6091, 0-23000-6103, 0-23000-6140, 0-23000-6150, 0-23000-6160

24 V, 7.5 kW, Shaft length 219.20, Core thickness 74.40, No./teeth 9, Rotation CR/ACR


132537 Armature

Replacing: 7-23100-0070

Servicing: 0-23000-1030, 0-23000-1031, 0-23000-1033, 0-23000-1050, 0-23000-1060, 0-23000-1070, 0-23000-1071, 0-23000-1080

24 V, 4.5 kW, Shaft length 180.50, Core thickness 59.95, No./teeth 8, Rotation CR/ACR

Bearing C.E.: HC-CARGO 140080. Bearing D.E.: HC-CARGO 140285.


132539 Armature

Replacing: 7-23100-0250, 7-23100-0171, 7-23100-0170, 7-23100-0140, 1-23100-0170, 0-23100-0171

Servicing: 0-23000-0040, 0-23000-0060, 0-23000-0100, 0-23000-0150, 0-23000-0180, 0-23000-0200, 0-23000-0250, 0-23000-0272

24 V, 2.8 kW, Shaft length 186.10, Core thickness 48.40, No./teeth 8, Rotation CR/ACR

Bearing C.E.: HC-CARGO 140297. Bearing D.E.: HC-CARGO 140285.


133391 Armature

Replacing: 7-23100-0220, 7-23100-0190, 1-23100-0160, 0-23100-0161

Servicing: 0-23000-1160, 0-23000-1170, 0-23000-1190, 0-23000-1230, 0-23000-1231, 0-23000-1240, 0-23000-1270, 0-23000-1290

24 V, 5.5 kW, Shaft length 191.00, Core thickness 59.60, No./teeth 11
Bearing C.E.: HC-CARGO 140080. Bearing D.E.: HC-CARGO 140286.


135667 Armature

Replacing: 0-23100-0231, 0-23100-0230

Servicing: 0-23000-6232, 0-23000-6251, 0-23000-6253, 0-23000-6341, 0-23000-6343, 0-23000-6512, 0-23000-6520, 0-23000-6523

24 V, 7.5 kW, Shaft length 209.50, Core thickness 74.40, No./splines 9, Rotation CR/ACR


135668 Armature

Replacing: 7-23100-0310, 0-23100-0251

Servicing: 0-23000-3150, 0-23000-3152, 0-23000-3160, 0-23000-3170, 0-23000-3180, 0-23000-3200, 0-23000-3250, 0-23000-3270

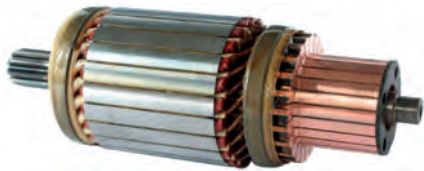
24 V, 7.5 kW, Shaft length 213.60, Core thickness 64.90, No./teeth 9, Rotation CR/ACR


137074 Armature

Replacing: 1-21100-1370

Servicing: 0-21000-4720, 0-21000-4721, 0-21000-4930, 0-21000-4931, 0-21000-4932, 0-21000-4933, 0-21000-4934, 0-21000-5020

24 V, 3.5 kW, Shaft length 305.00, Core thickness 74.50, No./splines 12, Rotation CR



137543 Armature
 Manufacturer: Nikko
 Replacing: 0-23100-0381, 0-23100-0380
 Servicing: 0-23000-2100, 0-23000-2101,
 0-23000-2200, 0-23000-2201, 0-23000-2541
 24 V, 4.5 kW, Shaft length 177.15,
 Core thickness 60.17, No./teeth 9



234103 Armature
 Replacing: 0-23100-0430
 Servicing: 0-23000-7671, 0-23000-7731,
 0-23000-8061, 0-23000-8111
 24 V, 11 kW, Shaft length 212.00,
 Core thickness 74.65, No./teeth 10

Field Cases



135678 Field Case
 Manufacturer: Nikko
 Replacing: 0-23200-0560
 Servicing: 0-23000-1940, 0-23000-2030,
 0-23000-2040, 0-23000-2050, 0-23000-2100,
 0-23000-2150, 0-23000-2180, 0-23000-2190
 24 V, 4.5 kW, OD/middle 90.00,
 Length 105.20, Brush gear w/o



235751 Field Case
 Replacing: 0-23200-0150
 Servicing: 0-23000-6510, 0-23000-6850,
 0-23000-6901, 0-23000-7091, 0-23000-7511
 24 V, 7.5 kW, OD/middle 113.86,
 Length 116.72, Rotation CR, Brush gear w/o

Field Coils

24 V



132530 Field Coil
 Replacing: 0-23230-0110
 Servicing: 0-23000-1030, 0-23000-1031,
 0-23000-1033, 0-23000-1050, 0-23000-1060,
 0-23000-1070, 0-23000-1071, 0-23000-1080
 24 V, 4.5 kW, Height 104.50,
 Internal height 61.60, Inner width 23.30



132531 Field Coil
 Replacing: 0-23230-0150
 Servicing: 0-23000-6211, 0-23000-6232,
 0-23000-6250, 0-23000-6251, 0-23000-6310,
 0-23000-6341, 0-23000-6510, 0-23000-6523
 24 V, 7.5 kW, Height 119.30,
 Internal height 60.60, Inner width 26.25



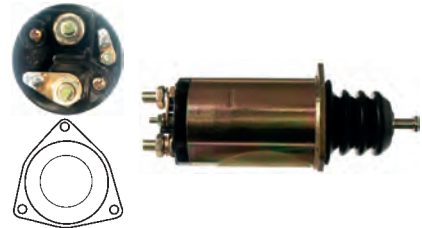
133392 Field Coil
 Replacing: 0-23230-0210
 Servicing: 0-23000-1160, 0-23000-1170,
 0-23000-1230, 0-23000-1231, 0-23000-1240,
 0-23000-1270, 0-23000-1290, 0-23000-1292
 24 V, 5.5 kW, Height 123.15,
 Internal height 69.35, Inner width 22.75



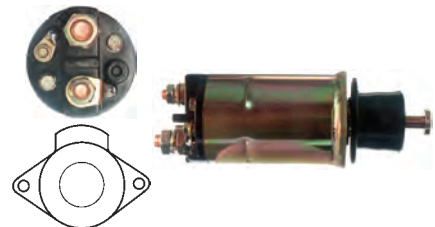
135669 Field Coil
 Replacing: 0-23230-0281
 Servicing: 0-23000-3150, 0-23000-3160,
 0-23000-3170, 0-23000-3180, 0-23000-3200,
 0-23000-3230, 0-23000-3240, 0-23000-3250
 24 V, 7.5 kW, Height 107.65,
 Internal height 74.00, Inner width 23.55

Solenoids

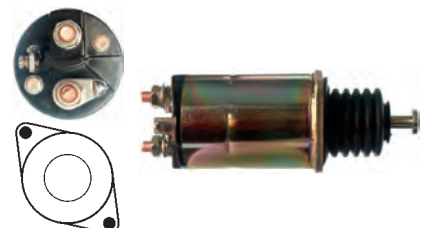
12 V



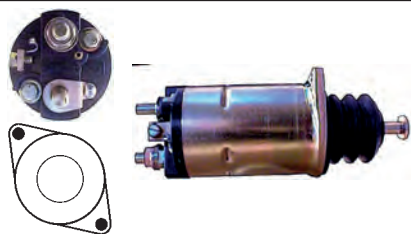
132495 Solenoid
 Replacing: 0-47100-3031, 0-47100-3030,
 0-47100-2690, 0-47100-2650
 Servicing: 0-21000-3271, 0-21000-3480,
 0-21000-3520, 0-21000-3650, 0-21000-3661,
 0-21000-3690, 0-21000-3711, 0-21000-3783
 24 V, B+ M10, Kl. 50 M5, OD 70.00,
 OD/cover 69.45, Total length 215.70,
 Height/B+ 28.50, Width/kl. 50 18.75,
 Coil bolt M10, Coil bolt 2 28.00,
 No./terminals 3
 Cap: HC-CARGO 138897.



133852 Solenoid
 Replacing: 0-47100-4270
 Servicing: 28MT
 12 V, B+ M10, Kl. 50 M5, OD 57.00,
 OD/cover 57.00, Total length 175.00,
 Height/B+ 16.50, Width/kl. 50 7.50,
 Coil bolt M8, Coil bolt 2 11.00,
 No./terminals 3
 Cap: HC-CARGO 134841. Terminal switch:
 M5.



134632 Solenoid
 Replacing: 0-47100-4071, 0-47100-4070
 Servicing: 0-23000-0171, 0-23000-0172,
 0-23000-0173, 0-23000-0210
 12 V, B+ M8, Kl. 50 9.40, OD 57.30,
 OD/cover 56.85, Total length 165.00,
 Height/B+ 17.55, Width/kl. 50 11.30,
 Coil bolt M8, Coil bolt 2 17.25,
 No./terminals 3
 Cap: HC-CARGO 139511. Moving contact: HC-
 CARGO 139512.

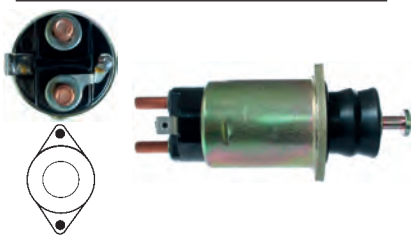

134974 Solenoid

Manufacturer: Nikko

Replacing: 0-47100-3901, 0-47100-3900

Servicing: 0-23000-0130, 0-23000-0260, 0-23000-0261, 0-23000-0262

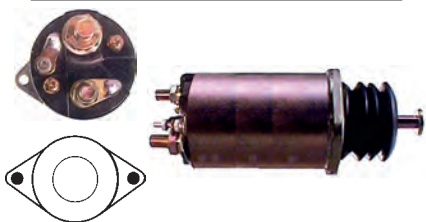
12 V, B+ M8, Kl. 50 9.40, OD 54.15, OD/cover 54.85, Total length 167.30, Height/B+ 16.75, Width/kl. 50 13.45, Coil bolt M8, Coil bolt 2 14.55, No./terminals 3


135676 Solenoid

Replacing: 0-47100-3290

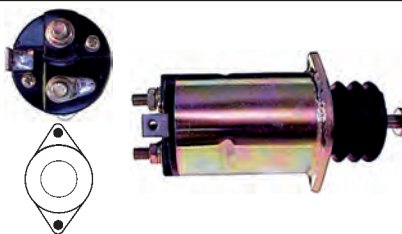
Servicing: 0-23000-0020, 0-23000-1020, 0-23000-1300

12 V, B+ M8, Kl. 50 9.40, OD 52.00, OD/cover 45.00, Total length 161.15, Height/B+ 18.00, Width/kl. 50 11.25, Coil bolt M8, Coil bolt 2 18.00, No./terminals 3


137811 Solenoid

Replacing: 0-47100-4390, 0-47100-4160, 0-47100-4100

Servicing: 28MT

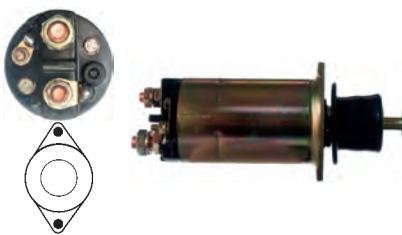
 12 V, B+ M10, Kl. 50 M4, OD 56.90, OD/cover 57.20, Total length 174.00, Height/B+ 16.00, Width/kl. 50 8.00, Coil bolt M8, Coil bolt 2 11.00, No./terminals 3
 Cap: HC-CARGO 137824.

139510 Solenoid

Replacing: 0-47100-2970

Servicing: 0-21000-4231, 0-21000-5230, 0-21000-5231

12 V, B+ M8, Kl. 50 9.40, OD 57.00, OD/cover 56.90, Total length 160.00, Height/B+ 16.10, Width/kl. 50 11.55, Coil bolt M8, Coil bolt 2 15.90, No./terminals 3

Cap: HC-CARGO 139511. Moving contact: HC-CARGO 139512.

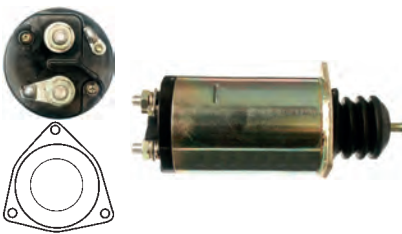
24 V

132498 Solenoid

Replacing: 0-47100-3110, 0-47100-3100

Servicing: 0-2100-3041, 0-23000-1030, 0-23000-1031, 0-23000-1033, 0-23000-1050, 0-23000-1070, 0-23000-1071, 0-23000-1080

24 V, B+ M10, Kl. 50 M5, OD 56.80, OD/cover 56.65, Total length 177.50, Height/B+ 22.00, Width/kl. 50 13.45, Coil bolt M8, Coil bolt 2 17.45, No./terminals 3

Cap: HC-CARGO 138898.

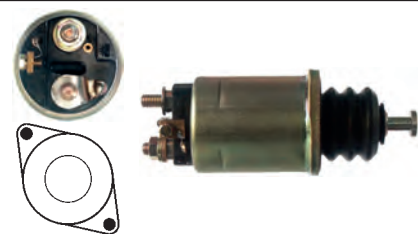

132499 Solenoid

Replacing: 0-47100-4141, 0-47100-4140, 0-47100-3420

Servicing: 0-23000-1620, 0-23000-1630, 0-23000-6210, 0-23000-6211, 0-23000-6232, 0-23000-6250, 0-23000-6251, 0-23000-6253

24 V, B+ M10, Kl. 50 M5, OD 80.00, OD/cover 79.90, Total length 230.25, Height/B+ 22.80, Width/kl. 50 13.55, Coil bolt M10, Coil bolt 2 23.90, No./terminals 3

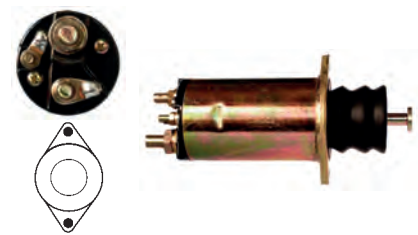
Cap: HC-CARGO 234516.


132500 Solenoid

Replacing: 0-47100-4360, 0-47100-3592, 0-47100-3591, 0-47100-3590

Servicing: 0-23000-0040, 0-23000-0060, 0-23000-0100, 0-23000-0150, 0-23000-0180, 0-23000-0200, 0-23000-0250, 0-23000-0272

24 V, B+ M8, Kl. 50 9.40, OD 54.15, OD/cover 46.75, Total length 154.35, Height/B+ 18.20, Width/kl. 50 14.00, Coil bolt M8, Coil bolt 2 18.40, No./terminals 3

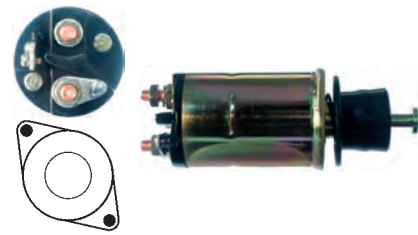

133395 Solenoid

Replacing: 0-47100-3510

Servicing: 0-23000-1160, 0-23000-1170, 0-23000-1230, 0-23000-1231, 0-23000-1240, 0-23000-1270, 0-23000-1290, 0-23000-1292

24 V, B+ M10, Kl. 50 M5, OD 56.85, OD/cover 56.80, Total length 181.75, Height/B+ 23.25, Width/kl. 50 13.30, Coil bolt M8, Coil bolt 2 18.50, No./terminals 3

Cap: HC-CARGO 233121.

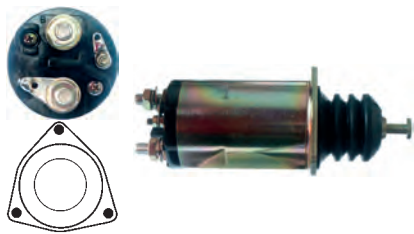

133482 Solenoid

Replacing: 0-47100-3180, 0-47100-3010

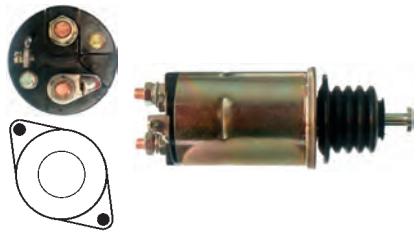
Servicing: 0-21000-4720, 0-21000-4931, 0-21000-4932, 0-21000-4933, 0-21000-4934, 0-21000-5350, 0-21000-5360

24 V, B+ M8, Kl. 50 9.40, OD 56.75, OD/cover 56.80, Total length 162.00, Height/B+ 17.45, Width/kl. 50 12.30, Coil bolt M8, Coil bolt 2 17.30, No./terminals 3

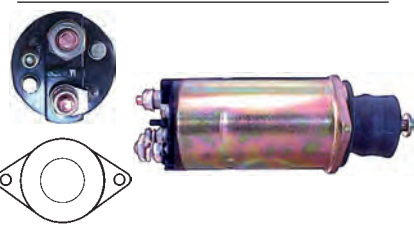
Cap: HC-CARGO 139511. Moving contact: HC-CARGO 139512.



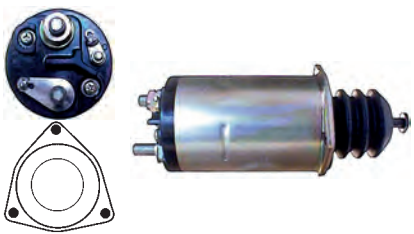
134630 Solenoid
 Replacing: 0-47100-3060, 0-47100-3041, 0-47100-3040, 0-47100-2672, 0-47100-2671, 0-47100-2670
 Servicing: 0-21000-3333, 0-21000-3390, 0-21000-3391, 0-21000-3411, 0-21000-3625, 0-21000-3651, 0-21000-3800, 0-21000-4452
 24 V, B+ M10, Kl. 50 M5, OD 69.70, OD/cover 69.35, Total length 214.70, Height/B+ 27.75, Width/kl. 50 18.55, Coil bolt M10, Coil bolt 2 27.75, No./terminals 3
 Cap: HC-CARGO 138897.



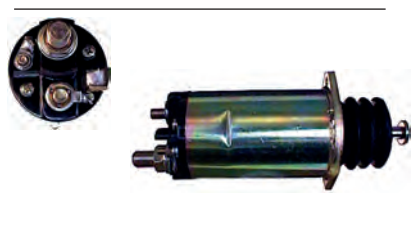
134631 Solenoid
 Replacing: 0-47100-4062, 0-47100-4060
 Servicing: 0-23000-0051, 0-23000-0281, 0-23000-0283, 0-23000-0330, 0-23000-0370
 24 V, B+ M8, Kl. 50 9.40, OD 56.85, OD/cover 56.75, Total length 164.40, Height/B+ 16.30, Width/kl. 50 11.60, Coil bolt M8, Coil bolt 2 16.30, No./terminals 3
 Cap: HC-CARGO 139511. Moving contact: HC-CARGO 139512.



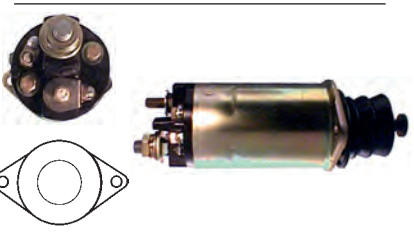
135521 Solenoid
 Replacing: 0-47100-4220
 Servicing: 28MT
 24 V, B+ M10, Kl. 50 M5, OD 57.00, OD/cover 56.70, Total length 177.50, Height/B+ 14.00, Width/kl. 50 6.50, Coil bolt M8, Coil bolt 2 12.50, No./terminals 3
 Cap: HC-CARGO 138898. Terminal switch: M5.



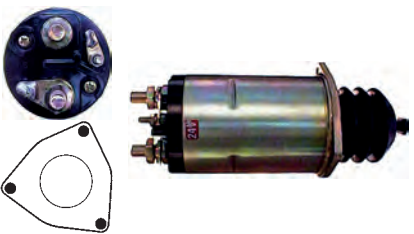
135674 Solenoid
 Replacing: 0-47100-3944, 0-47100-3940
 Servicing: 0-23000-3150, 0-23000-3152, 0-23000-3160, 0-23000-3170, 0-23000-3180, 0-23000-3200, 0-23000-3230, 0-23000-3240
 24 V, B+ M10, Kl. 50 M8, OD 70.00, OD/cover 69.75, Total length 204.00, Height/B+ 18.75, Width/kl. 50 9.50, Coil bolt M10, Coil bolt 2 18.80, No./terminals 3



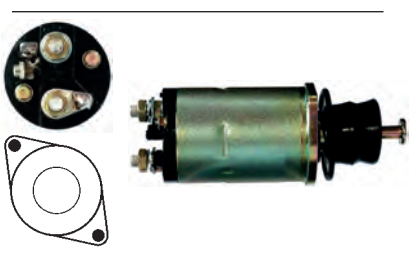
136400 Solenoid
 Replacing: 0-47100-3660
 24 V, B+ M12, Kl. 15a M5, Kl. 50 9.40, OD 56.80, OD/cover 56.90, Total length 188.90, Height/B+ 26.00, Width/kl. 15a 14.60, Width/kl. 50 11.20, Coil bolt M8, Coil bolt 2 9.40, No./terminals 4
 Insulated return.



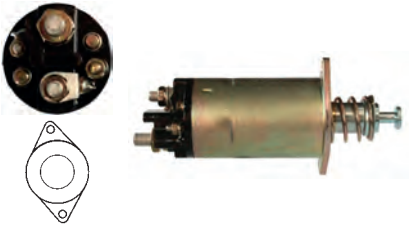
137544 5★ Solenoid
 Manufacturer: Nikko
 Replacing: 0-47100-4240
 Servicing: 0-23000-2100, 0-23000-2101, 0-23000-2200, 0-23000-2201, 0-23000-2541
 24 V, B+ M10, Kl. 50 M5, OD 57.25, OD/cover 57.00, Total length 193.00, Height/B+ 17.85, Width/kl. 50 9.60, Coil bolt M8, Coil bolt 2 14.70, No./terminals 3



138896 Solenoid
 Replacing: 0-47100-3070
 Servicing: 0-23000-6000, 0-23000-6030, 0-23000-6040, 0-23000-6070, 0-23000-6071, 0-23000-6090, 0-23000-6091, 0-23000-6100
 24 V, B+ M10, Kl. 50 M5, OD 69.90, OD/cover 69.45, Total length 210.00, Height/B+ 22.65, Width/kl. 50 18.15, Coil bolt M10, Coil bolt 2 20.00, No./terminals 3
 Cap: HC-CARGO 138897.



231735 Solenoid
 Replacing: 7-47100-0130, 7-47100-0040
 Servicing: 0-21000-3462, 0-21000-4040, 0-21000-4830, 0-21000-4900
 24 V, B+ M8, Kl. 50 9.40, OD 56.85, OD/cover 57.00, Total length 160.55, Height/B+ 16.35, Width/kl. 50 11.95, Coil bolt M8, Coil bolt 2 15.90, No./terminals 3
 Cap: HC-CARGO 139511.



231819 Solenoid
 Replacing: 0-47100-4420
 Servicing: 28MT
 24 V, B+ M10, Kl. 15a M6, Kl. 50 M5, OD 57.05, OD/cover 57.20, Total length 188.80, Height/B+ 22.50, Width/kl. 15a 11.00, Width/kl. 50 9.50, Coil bolt M8, Coil bolt 2 13.50, No./terminals 4
 Relay terminal: M5. Cap: HC-CARGO 232203.


235814 Solenoid

Replacing: 0-0055-05402

Servicing: 0-33000-6181

 24 V, B+ M8, Kl. 50 6.30,
 OD 53.00, Total length 114.00,
 Height/B+ 15.80, No./terminals 3

335045 Solenoid

Replacing: 0-47100-5130

Servicing: 0-24000-3251

 24 V, B+ M10, Kl. 50 M5, OD 53.50,
 OD/cover 100.50, Total length 140.00,
 Coil bolt M10, No./terminals 3

Safety Switches

230186 Safety Switch

Replacing: 0-25000-7930, 0-25000-7780

Servicing: 28MT

24 V.

24 V

132493 5★ Safety Switch

Manufacturer: Nikko

 Replacing: 7-25000-6090, 0-25000-8430,
 0-25000-6090, 0-25000-6083, 0-25000-6082,
 0-25000-6081, 0-25000-6080

 Servicing: 0-21000-4850, 0-21000-4860,
 0-21000-4870, 0-21000-4871, 0-21000-4880,
 0-21000-5080, 0-23000-0060, 0-23000-0180
 24 V, Total length 72.50

132494 5★ Safety Switch

Manufacturer: Nikko

 Replacing: 0-25000-8103, 0-25000-8102,
 0-25000-8100, 0-25000-6852, 0-25000-6850

 Servicing: 0-23000-6530, 0-23000-6531,
 0-23000-6533, 0-23000-8300
 24 V, Total length 77.35

233686 5★ Safety Switch

Manufacturer: Nikko

 Replacing: 0-25000-7812, 0-25000-7811,
 0-25000-7810, 0-25000-6320

 Servicing: 0-23000-1070, 0-23000-1071,
 0-23000-1080, 0-23000-1260, 0-23000-1310,
 0-23000-1700, 0-23000-2201, 0-23000-2341
 24 V, OD 40.40, Total length 63.35

233687 5★ Safety Switch

Manufacturer: Nikko

 Replacing: 0-25000-7823, 0-25000-7822,
 0-25000-7690

 Servicing: 0-23000-2100, 0-23000-2541
 24 V, OD/cover 40.45, Total length 81.80

233688 5★ Safety Switch

Manufacturer: Nikko

 Replacing: 0-25000-8900, 0-25000-6953,
 0-25000-6951, 0-25000-6950

 Servicing: 0-23000-1230, 0-23000-1231,
 0-23000-1270, 0-23000-1290, 0-23000-1292,
 0-23000-1330, 0-23000-6630
 24 V, Total length 76.65

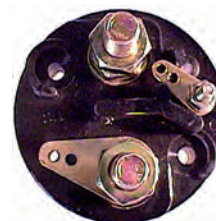
234253 5★ Safety Switch

Manufacturer: Nikko

 Replacing: 0-25000-8341, 0-25000-8340,
 0-25000-7342

Servicing: 0-23000-7022

24 V, OD/cover 40.55, Total length 78.00

Solenoid Parts
Solenoid Caps

138897 Solenoid Cap

 Servicing: 0-47100-2670, 0-47100-2690,
 0-47100-3030, 0-47100-3040, 0-47100-3041,
 0-47100-3060, 0-47100-3070

OD 69.50, No./terminals 3

HC-CARGO 132495, 134630, 138896, 231734.


138898 Solenoid Cap

 Servicing: 28MT, 0-23000-1260, 0-23000-
 1310, 0-23000-1700, 0-23000-2201, 0-47100-
 3110

OD 56.85, No./terminals 3

HC-CARGO 132498.


139511 Solenoid Cap

 Servicing: 0-21000-4231, 0-21000-5230,
 0-47100-1380, 0-47100-2970, 0-47100-3010,
 0-47100-3100, 0-47100-3180, 0-47100-3901

OD 56.90, No./terminals 3

 HC-CARGO 133482, 134631, 134632, 139510,
 231735.



234516 Solenoid Cap
 Servicing: 0-23000-6510, 0-47100-3420
 OD 79.70, No./terminals 3
 HC-CARGO 132499.

Moving Contacts

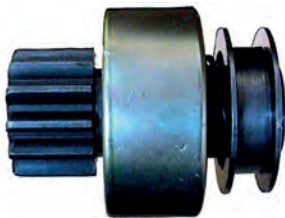


139512 Contact Kit
 Thickness 3.70, Width 31.00

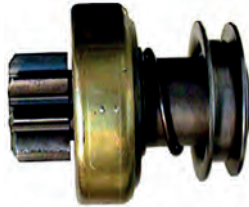
Drives



132514 Drive
 Replacing: 0-23500-0353, 0-23500-0350
 Servicing: 0-23000-0031, 0-23000-0032,
 0-23000-0040, 0-23000-0060, 0-23000-0100,
 0-23000-0240, 0-23000-0330, 0-23000-0450
 ID 13.00, OD 35.30, OD/housing 60.00,
 Total length 71.20, Splines A 12,
 No./teeth 9, Rotation CR



132519 Drive
 Replacing: 1-23500-0170
 Servicing: 0-23000-3150, 0-23000-3152,
 0-23000-3180, 0-23000-3270, 0-23000-3280,
 0-23000-3285, 0-23000-3291, 0-23000-3301
 ID 19.32, OD 46.50, OD/housing 75.00,
 Total length 96.50, Splines A 15,
 No./teeth 12, Rotation CR



133291 Drive
 Replacing: 0-23500-0422, 0-23500-0421,
 0-23500-0420
 Servicing: 0-23000-0091, 0-23000-0130, 0-23000-
 0172, 0-23000-0173, 0-23000-0260, 0-23000-0262
 ID 13.10, OD 32.50, OD/housing 59.30,
 Total length 71.00, Splines A 12,
 No./teeth 9, Rotation CR



133854 Drive
 Replacing: 0-23500-0551
 Servicing: 28MT
 ID 14.00, OD 32.00, OD/housing 60.00,
 Total length 85.00, Splines A 12,
 No./teeth 10, Rotation CR
 w/ rubber seal.



135542 Drive
 Replacing: 1-23500-0010
 Servicing: 0-23000-1030, 0-23000-1031,
 0-23000-1032, 0-23000-1050, 0-23000-1060,
 0-23000-1070, 0-23000-1071, 0-23000-1073
 ID 15.00, OD 40.25, OD/housing 60.00,
 Total length 84.15, Splines A 12,
 No./teeth 11, Rotation CR



136139 Drive
 Manufacturer: Nikko
 Replacing: 0-23500-0323, 0-23500-0320
 Servicing: 0-23000-1260, 0-23000-1310,
 0-23000-1680, 0-23000-1700, 0-23000-1720,
 0-23000-2100, 0-23000-2200, 0-23000-2201
 ID 14.00, OD 34.75, OD/housing 62.00,
 Total length 82.55, Splines A 12,
 No./teeth 9, Rotation CR



137071 Drive
 Replacing: 1-21500-2060, 0-21500-2001
 Servicing: 0-21000-4720, 0-21000-4721,
 0-21000-4931, 0-21000-4932, 0-21000-4933,
 0-21000-4934, 0-21000-5020, 0-21000-5021
 ID 14.00, OD 35.75, OD/housing 60.00,
 Total length 80.20, Splines A 12,
 No./teeth 9, Rotation CR

Levers

Lever Parts

Various

Pkg. 10



233692[#] Screw
 Servicing: 28MT
 Thread M6, Total length 55.80,
 Thread length 15.00

Brush Gears



132503 Brush Gear
 Replacing: 0-23750-0051, 0-23750-0050
 Servicing: 0-23000-6071, 0-23000-6072,
 0-23000-6091, 0-23000-6103, 0-23000-6140,
 0-23000-6160, 0-23000-6170, 0-23000-6181
 OD 78.80
 Brush set: HC-CARGO 140551.



133863 Brush Gear
 Replacing: 0-23750-0120
 Servicing: 0-23000-1030, 0-23000-1031,
 0-23000-1033, 0-23000-1050, 0-23000-1060,
 0-23000-1070, 0-23000-1071, 0-23000-1080
 OD 77.00
 Brush set: HC-CARGO 140549.


134973 Brush Gear

Manufacturer: Nikko

Replacing: 0-23750-0220

 Servicing: 0-23000-0081, 0-23000-0091,
0-23000-0120, 0-23000-0130, 0-23000-0172,
0-23000-0173, 0-23000-0210, 0-23000-0260
OD 62.00

 Neg. brushes. Brush set: HC-CARGO 140770.
Brush spring: HC-CARGO 135694.

135679 Brush Gear

Manufacturer: Nikko

Replacing: 0-23750-0250

 Servicing: 0-23000-3150, 0-23000-3160,
0-23000-3170, 0-23000-3180, 0-23000-3200,
0-23000-3230, 0-23000-3240, 0-23000-3270
OD 77.00

 Brush set: HC-CARGO 140769. Brush spring:
HC-CARGO 135673.

Brush Gear Parts
Brush Springs

135672[#] Brush Spring

Replacing: 1-23913-0010

 Servicing: 0-21000-4720, 0-21000-4930,
0-21000-4931, 0-21000-4932, 0-21000-4933,
0-21000-4934, 0-21000-5200, 0-21000-5350
OD 14.40, Length 24.60

Pkg. 10


135673 Brush Spring

Replacing: 1-23913-0040

 Servicing: 0-23000-3150, 0-23000-3152,
0-23000-3160, 0-23000-3170, 0-23000-3180,
0-23000-3200, 0-23000-3230, 0-23000-3240
OD 14.75, Length 28.50

Brush Sets

Pkg. 5


140448 Brush Set

Replacing: 1-21740-0440

 Servicing: 0-21000-3271, 0-21000-3480,
0-21000-3491, 0-21000-3520, 0-21000-3650,
0-21000-3651, 0-21000-3661, 0-21000-3690
24 V, Length 23.00, Lead length 60.50,
Height 20.00, Thickness 9.00

140488 Brush Set

Replacing: 1-21740-0690, 1-21740-0680

 Servicing: 0-21000-3333, 0-21000-3390,
0-21000-3391, 0-21000-3411, 0-21000-3625,
0-21000-3800, 0-21000-4452, 0-21000-4740
24 V, Length 23.50, Lead length 50.00,
Height 20.00, Thickness 10.00

140507 Brush Set

Replacing: 1-23740-0150, 1-23740-0140

 Servicing: 0-23000-0031, 0-23000-0032,
0-23000-0040, 0-23000-0060, 0-23000-0100,
0-23000-0150, 0-23000-0180, 0-23000-0200
24 V, Length 15.50, Lead length 36.00,
Height 25.00, Thickness 7.00

140549 Brush Set

 Replacing: 1-23740-0170, 1-23740-0120,
0-23740-0180, 0-23740-0110

 Servicing: 0-23000-1030, 0-23000-1031,
0-23000-1033, 0-23000-1050, 0-23000-1060,
0-23000-1070, 0-23000-1071, 0-23000-1080
24 V, Length 20.00, Lead length 40.00,
Lead length 2 49.50, Height 25.00,
Thickness 8.00

140550 Brush Set

Replacing: 1-23740-0030, 1-23740-0010

 Servicing: 0-23000-3130, 0-23000-3140
24 V, Length 21.50, Lead length 44.00,
Height 25.00, Thickness 8.00

140551 Brush Set

Replacing: 1-23740-0050, 0-23740-0250

 Servicing: 0-23000-3150, 0-23000-3152,
0-23000-3160, 0-23000-3170, 0-23000-3180,
0-23000-3240, 0-23000-3241, 0-23000-3260
24 V, Length 22.50, Lead length 52.80,
Height 30.00, Thickness 9.00

140732 Brush Set

Replacing: 0-23740-0360

 Servicing: 28MT
24 V, Length 20.00, Lead length 49.00,
Lead length 2 37.00, Height 25.00,
Thickness 8.00



Pkg. 5

140770 Brush Set

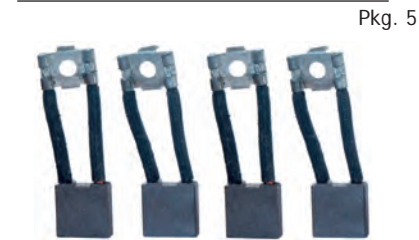
Replacing: 0-23740-0210, 0-23740-0200
 Servicing: 0-23000-0081, 0-23000-0091,
 0-23000-0120, 0-23000-0130, 0-23000-0172,
 0-23000-0173, 0-23000-0210, 0-23000-0260
 12 V, Length 15.00, Lead length 41.00,
 Lead length 2 36.00, Height 25.00,
 Thickness 7.00



Pkg. 5

140875 Brush Set

Replacing: 1-21740-0720, 1-21740-0710
 Servicing: 0-21000-4720, 0-21000-4721,
 0-21000-4931, 0-21000-4932, 0-21000-4933,
 0-21000-4934, 0-21000-5021, 0-21000-5350
 24 V, Length 20.00, Lead length 60.50,
 Height 19.00, Thickness 9.00



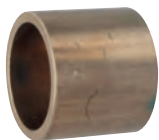
Pkg. 5

141106 Brush Set

Replacing: 1-21470-0211
 Servicing: 0-21000-2484
 12 V, Length 18.00, Lead length 43.00,
 Height 18.50, Thickness 7.00

Bushings

Pkg. 10



140449 Bushing

Replacing: 7-21351-0950
 Servicing: 0-21000-3271, 0-21000-3333,
 0-21000-3390, 0-21000-3391, 0-21000-3411,
 0-21000-3480, 0-21000-3491, 0-21000-3520
 ID 18.98, OD 23.01, Length 19.80



Pkg. 5

140450 Bushing

Replacing: 7-21351-0960
 Servicing: 0-21000-3271, 0-21000-3480,
 0-21000-3491, 0-21000-3520, 0-21000-3650,
 0-21000-3651, 0-21000-3661, 0-21000-3690
 ID 27.78, OD 32.00, Length 28.00

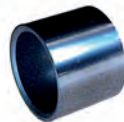
Pkg. 10



140485 Bushing

Replacing: 7-21351-0621, 7-21351-0620,
 7-21351-0610
 Servicing: 0-21000-2480, 0-21000-2484,
 0-21000-2810, 0-21000-3462, 0-21000-3600,
 0-21000-4040, 0-21000-4231, 0-21000-4700
 ID 14.00, OD 17.00, Length 15.00

Pkg. 10



140487# Bushing

Replacing: 7-21351-1011, 7-21351-1010
 Servicing: 0-21000-3462, 0-21000-3600,
 0-21000-4040, 0-21000-4231, 0-21000-4720,
 0-21000-4721, 0-21000-4830, 0-21000-4900
 ID 14.05, OD 17.48, Length 19.00

Pkg. 10



140517 Bushing

Replacing: 7-23351-0140, 7-23351-0100,
 7-23351-0040, 1-23351-0140
 Servicing: 0-23000-1020, 0-23000-1031,
 0-23000-1033, 0-23000-1040, 0-23000-1050,
 0-23000-1060, 0-23000-1070, 0-23000-1071
 ID 15.03, OD 19.02, Length 19.90



Pkg. 10

140519 Bushing

Replacing: 7-23351-0160
 Servicing: 0-23000-0031, 0-23000-0032,
 0-23000-0040, 0-23000-0060, 0-23000-0081,
 0-23000-0091, 0-23000-0100, 0-23000-0120
 ID 13.03, OD 16.00, Length 16.00

Pkg. 10



140520 Bushing

Replacing: 7-23351-0080, 1-23351-0080
 Servicing: 0-23000-3150, 0-23000-3152,
 0-23000-3160, 0-23000-3170, 0-23000-3180,
 0-23000-3240, 0-23000-3241, 0-23000-3260
 ID 19.00, OD 23.00, Length 19.00

Pkg. 5



140521 Bushing

Replacing: 7-23351-0060, 1-23351-0060
 Servicing: 0-23000-6071, 0-23000-6072,
 0-23000-6091, 0-23000-6103, 0-23000-6140,
 0-23000-6150, 0-23000-6160, 0-23000-6170
 ID 14.03, OD 17.50, Length 19.00

Pkg. 10



140601 Bushing

Replacing: 0-23351-0220
 Servicing: 28MT
 ID 14.03, OD 17.00, Length 16.20

Pkg. 10


140906 Bushing

Replacing: 7-23351-0225, 7-23351-0220
 Servicing: 0-23000-1570, 0-23000-1580,
 0-23000-1980, 0-23000-2100, 0-23000-2101,
 0-23000-2200, 0-23000-2201, 0-23000-2541
 ID 14.00, OD 17.00, Length 16.00


140949 Bushing

Replacing: 7-23351-0154, 7-23351-0150
 Servicing: 0-23000-0031, 0-23000-0032,
 0-23000-0040, 0-23000-0060, 0-23000-0081,
 0-23000-0091, 0-23000-0100, 0-23000-0120
 ID 22.00, OD 26.00, Length 11.95

Sundry Parts
Thru Bolts

Pkg. 10


233691 Through Bolt

Total length 185.40,
 Length/rear collar 180.00,
 Thread length 34.25, Thread size M6

Various

132526 Sealing Kit

Replacing: 7-09210-1000
 Servicing: 0-21000-3391, 0-23000-6250,
 0-23000-6251, 0-23000-6253, 0-23000-6310,
 0-23000-6341, 0-23000-6343, 0-23000-6510

Pkg. 5


135696 Stop Collar

Replacing: 1-23181-0030
 Servicing: 0-23000-1030, 0-23000-1031,
 0-23000-1033, 0-23000-1050, 0-23000-1060,
 0-23000-1070, 0-23000-1071, 0-23000-1080
 ID 15.00, OD 25.00, Height 7.55
 Retaining ring: HC-CARGO 135699 (x2).

Pkg. 5


135698 Retaining Ring

Replacing: 1-23914-0020
 Servicing: 0-23000-3150, 0-23000-3152,
 0-23000-3160, 0-23000-3170, 0-23000-3180,
 0-23000-3240, 0-23000-3241, 0-23000-3260
 Thickness 2.00, Material Steel
 Stop collar: HC-CARGO 135695.

Pkg. 5


135699 Retaining Ring

Replacing: 1-23914-0030
 Servicing: 0-23000-1030, 0-23000-1031,
 0-23000-1033, 0-23000-1050, 0-23000-1060,
 0-23000-1070, 0-23000-1071, 0-23000-1080
 Thickness 2.00, Material Steel
 Stop collar: HC-CARGO 135696.

Pkg. 10


233694 Washer

Servicing: 28MT
 ID 10.45, OD 23.60, Thickness 0.20,
 Material Steel

Pkg. 10


233695 Washer

Servicing: 28MT
 ID 10.50, OD 23.00, Thickness 0.80

Solenoids

Solenoid Assy's

12 V



235473 Solenoid Assy
 Servicing: 03111-4140
 12 V, B+ M8, OD 81.80,
 Total length 123.00



236596 Solenoid Assy
 Servicing: 03101-3170
 12 V, No./terminals 3



238930 Solenoid Assy
 Servicing: 03101-3190
 12 V, B+ M8, Total length 123.50,
 Coil bolt M8, No./terminals 3

Solenoid Parts

Various



334127 Plunger
 OD 37.00, Length 95.60

Drives



235095 Drive
 Servicing: 03111-4140, 03111-4240, 03111-4241
 ID 9.00, OD 32.00, OD/housing 42.00,
 Total length 104.00, Splines A 10,
 No./teeth 10, Drive type Steel, Rotation CR



236607 Drive
 Servicing: 03101-3170, 03101-3190, 03101-3220
 OD 29.00, Total length 93.50,
 Splines A 10, No./teeth 9, Rotation CR



238986 Drive
 Servicing: 03101-3050
 OD 29.20, Total length 104.00,
 Splines A 10, No./teeth 9

Drive Parts

Rollers

Pkg. 100



135361 Dp Rollers
 OD 7.20, Length 15.20



234378 Rollers
 OD 7.00, Length 18.45

Brush Sets



142077 Brush Set
 Servicing: 03111-4240, 03111-4241
 12 V, Length 18.05, Lead length 38.00,
 Lead length 2 38.00, Height 24.85,
 Thickness 7.80

Sundry Parts

Various



234349 Stop Collar Kit
 ID 13.00, OD 19.40, Height 5.40

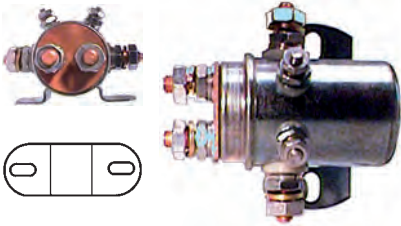
Pkg. 10



235284 Tolerance Ring
 Servicing: 03101-3170, 03101-3190, 03101-3220, 03111-4140
 ID 30.00, OD 32.00, Height 8.00

Solenoids

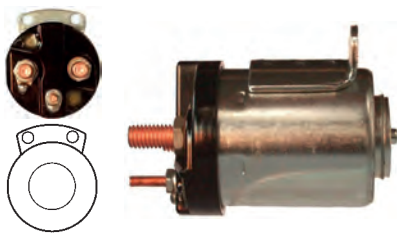
12 V



138068 Solenoid

Replacing: SBD-4201G, SBD-4201A, SBD-4201, 15-386, 15-323

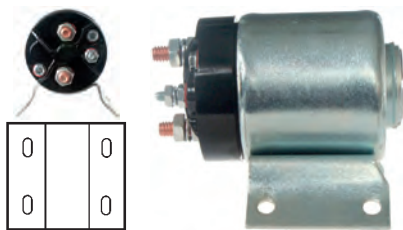
12 V, 200 Amp, Intermittent load 900 Amp., B+ 5/16" UNF, Kl. 50 10-32 UNF, OD 42.00, Total length 89.35, Height/B+ 12.00, Width/kl. 50 8.00, Coil bolt 5/16" UNF, Coil bolt 2 12.00, Seconds 5, No./terminals 6
Silver contact.



231811 Solenoid

Replacing: SAJ4003B, SAJ4003A, 15-453, 15-452

12 V, B+ M10, Kl. 50 M5, ID/cover 27.90, OD 55.80, OD/cover 62.60, Total length 108.60, Height/B+ 22.60, Width/kl. 50 19.40, Coil bolt M10, Coil bolt 2 16.85, No./terminals 3

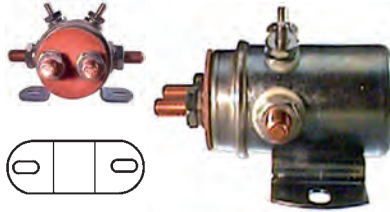


232905 Solenoid

Replacing: SAG-4001, SAF-4001, SAD-4503, SAD-4502, SAD-4501, SAD-4403, SAD-4401, SAD-4301, SAD-4201, SAD-4101

Servicing: 8AL2002, MA12NDM451
12 V, B+ M8, Kl. 50 M4, ID/cover 31.95, OD 66.40, OD/cover 65.90, Total length 110.65, Height/B+ 21.00, Width/kl. 50 12.80, Coil bolt M8, Coil bolt 2 19.75, No./terminals 3

24 V



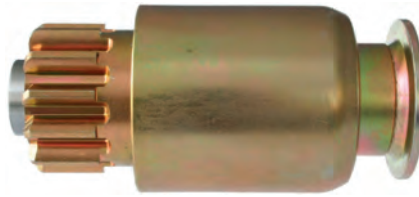
137766 Solenoid

Manufacturer: Prestolite

Replacing: SBD-4401, 15-326

24 V, 100 Amp, Intermittent load 600 Amp., B+ 5/16" UNF, Kl. 15a 3/16" UNF, Kl. 50 3/16" UNF, OD 41.00, Total length 89.40, Height/B+ 18.35, Width/kl. 15a 12.00, Width/kl. 50 12.40, Coil bolt 5/16" UNF, Coil bolt 2 17.65, Seconds 5, No./terminals 6

Drives

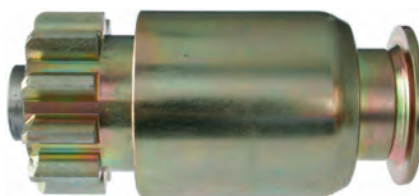


131766 Drive

Replacing: PD-7A, 59-186

Servicing: 40MT

ID 19.00 (3/4"), OD 46.30, OD/housing 58.00, Total length 120.40/4.740", Splines A 19, No./teeth 12, Rotation CR
Bronze.



131768 Drive

Replacing: PP-8A, PD-9A, PD-8A, 59-205, 59-203

Servicing: 40MT

ID 19.00 (3/4"), OD 56.50, OD/housing 58.00, Total length 120.40/4.740", Splines A 19, No./teeth 11, Rotation CR



233175 Drive

Replacing: 18-56

ID 14.30, OD 32.10, OD/housing 60.00, Total length 106.00, Splines A 6, No./teeth 10, Rotation CR



235624 Drive

Replacing: EBB-174, EBB-132, EB-95, 59-248, 59-195, 59-146, 19-195

Servicing: 460227, MDU7028, MDU7028S, MDU7029, MEO4001, MEO4002, MMG4002
ID 16.00, OD 29.20, OD/housing 53.00, Total length 137.00, No./teeth 9, Rotation ACR

Brush Gears



230987 Brush Gear

Replacing: MDL-1064, 36-67

12 V, OD 82.85

Brush set: HC-CARGO EX85-86 2/1.

Brush Gear Parts

Brush Springs

Pkg. 10



132741 Brush Spring

Replacing: MZ-19S, 50-263

Servicing: 4 1/2" DD

OD 15.65, Length 30.80

Brush Sets



140712 Brush Set
 Replacing: MGD-2032S, 17-103
 Servicing: Mercedes-Benz
 12 V, Length 12.50, Lead length 50.00,
 Lead length 2 52.00, Height 16.00,
 Thickness 6.50



140713 Brush Set
 Replacing: MGL-2032S, 17-171
 12 V, Length 12.50, Lead length 53.00,
 Lead length 2 63.50, Height 16.00,
 Thickness 6.50



141213 Brush Set
 Replacing: EVF-2012S, 42-50, 42-32
 12 V, Length 12.50, Lead length 33.50,
 Height 6.30, Thickness 6.30

EX85-862/1 Brush Set
 Replacing: MDL2012CS, MDL-2012CS, MDL-1063S, 17-39
 12 V, Length 10.00, Lead length 46.55,
 Height 17.50, Thickness 8.50

Bushings

Pkg. 10



140053 Bushing
 Replacing: MG-77A, 24-23
 Servicing: 37MT
 ID 15.99, OD 19.15, Length 18.90
 Alternative no.: B140053

Pkg. 10



140264 Bushing
 Replacing: MZ-40AS, 24-3, 24-29
 ID 16.27, OD 19.15, Length 15.00
 Alternative no.: B140264

Pkg. 5



140553 Bushing
 ID 15.90, OD 19.10, Length 15.20

Pkg. 10



141157 Bushing
 Replacing: MP-41A, 24-28
 ID 12.78, OD 15.95, Length 19.00



141158 Bushing
 Replacing: GBF-79
 ID 15.90, OD 19.10, Length 24.40

Pkg. 100



B140053 Bushing
 Replacing: MG-77A, 24-23
 ID 15.99, OD 19.15, Length 18.90
 Alternative no.: 140053

Pkg. 100



B140264 Bushing
 Replacing: MZ-40AS, 24-3, 24-29
 ID 16.26, OD 19.15, Length 14.90
 Alternative no.: 140264

Armatures
12 V

130551 Armature

Replacing: 1961320, 1952530, 1945906, 1852530

Servicing: 40MT, 10461041, 10461045, 10461046, 10461048, 10461059, 10461060, 10461061, 1114047, 1114051, 1114052, 1114054, 1114055

 12 V, Shaft length 467.00,
Core thickness 85.00, No./splines 19

130552 Armature

Replacing: 1967045, 1948999, 1946391

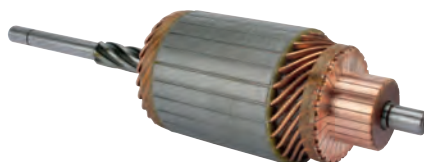
Servicing: 35MT, 1113389, 1113392, 1113402, 1113411, 1113412, 1113548, 1113626, 1113633, 1113634, 1113635, 1113636, 1113637

 12 V, Shaft length 394.00,
Core thickness 85.00, No./splines 3,
Rotation CR
Short shaft.

131122 Armature

Replacing: 3471555

Servicing: 150, 163, 168, 172, 177, 3471150, 3471159, 3471163, 3471168, 3471171, 3471172, 3471177, 3471390, 3471393

 12 V, 0.7 kW, Shaft length 223.50,
Core thickness 58.00, No./splines 12
Spacer: HC-CARGO 136846.

131137 Armature

Replacing: D4123, 1967042, 1948691, 1942244, 1935259, 1932872

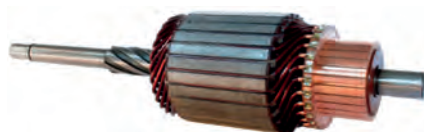
Servicing: 30MT, 1113002, 1113003, 1113004, 1113005, 1113041, 1113059, 1113089, 1113100, 1113101, 1113111, 1113113, 1113114

 12/24 V, Shaft length 355.60,
Core thickness 85.00, No./splines 6

131168 Armature

Replacing: 1876429, 1851961

Servicing: 35MT, 1113391, 1113396, 1113397, 1113399, 1113400, 1113401, 1113404, 1113405, 1113413, 1113414, 1113416, 1113417

 12 V, Shaft length 402.30,
Core thickness 85.00, No./splines 3
Long shaft.

131174 Armature

Replacing: D4109, 1958949, 1954448, 1938178

Servicing: 10MT, 10455304, 10455355, 1107215, 1107224, 1107245, 1107251, 1107291, 1107300, 1107326, 1107344, 1107364, 1107378

 12 V, Shaft length 299.70,
Core thickness 69.00, No./splines 6

131354 Armature

Replacing: 1987175, 1985249

Servicing: 37TM, 10461169, 10478805, 10478806, 10478825, 10478890, 10478921, 10478927, 10478928, 10478929, 10478930, 10478949

 12 V, Shaft length 392.10,
Core thickness 85.00, No./splines 3,
Rotation CR

131365 Armature

Replacing: 1987989, 1887989

Servicing: 42MT, 10478801, 10478802, 10478803, 10478804, 10478809, 10478810, 10478824, 10478894, 10478918, 10478931, 10478932

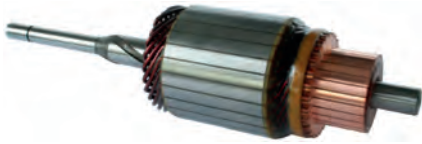
 12 V, Shaft length 451.00,
Core thickness 86.00, No./splines 19

131400 Armature

Replacing: D4159, D4143, D4124, D4121, D4111, 1979792, 1978517, 1970548, 1970538, 1965724, 1940624, 1940548

Servicing: 10MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455315, 10455335

 12 V, Shaft length 281.00,
Core thickness 74.00, No./splines 3,
Rotation CR
High torque.



131401 Armature

Replacing: D4125, D4122, D4119, 830842, 830540, 1992258, 1978449, 1971568, 1971563, 1966288, 1966228, 1966224
 Servicing: 8MT, 1107233, 1107237, 1107242, 1107247, 1107248, 1107259, 1107260, 1107266, 1107274, 1107293, 1107298, 1107301
 12 V, Shaft length 282.00,
 Core thickness 69.00, No./splines 3,
 Rotation CR



131403 Armature

Replacing: D4128, 1974786, 1893449, 1875835
 Servicing: 25MT, 1109186, 1109212, 1109213, 1109214, 1109215, 1109216, 1109218, 1109219, 1109495, 1109563, 1113589, 1113590
 12 V, Shaft length 327.00,
 Core thickness 74.00, No./splines 3,
 Rotation CR



131627 Armature

Replacing: 1960866, 1876366, 1846614
 Servicing: 20MT, 1107556, 1107573, 1107574, 1107577, 1107587, 1107588, 1107589, 1107598, 1107599, 1107863, 1107866, 1107867
 12 V, Shaft length 335.00,
 Core thickness 74.00, No./splines 6,
 Rotation CR



131658 Armature

Replacing: 1956918, 1950417, 1949190, 1930812, 1891916
 Servicing: 20MT, 25MT, 10455500, 1107506, 1107510, 1107511, 1107512, 1107514, 1107515, 1107516, 1107522, 1107523, 1107527, 1107534
 12/24 V, Shaft length 335.00,
 Core thickness 74.00, No./splines 6



131659 Armature

Replacing: 1950307
 Servicing: 10MT, 1107203, 1107204, 1107205, 1107234, 1107249, 1107268, 1107290, 1107292, 1107295, 1107308, 1107332, 1107335
 12 V, Shaft length 301.00,
 Core thickness 69.00, No./splines 6



132685 Armature

Replacing: D4148, D4140, D4136, D4135, 1985138, 10499097, 10497046, 10495931, 10467708, 10467325, 10456406
 Servicing: 5MT, 10455004, 10455007, 10455010, 10455011, 10455016, 10455017, 10455018, 10455019, 10455020, 10455023, 10455025
 12 V, Shaft length 254.00,
 Core thickness 62.00, No./splines 3,
 Rotation CR



132686 Armature

Replacing: 1956422, 1947353
 Servicing: 10MT, 1107228, 1107229, 1107275, 1107341, 1107386, 1107390, 1107744, 1107782, 1108291, 1108299, 1108321, 1108334
 12 V, Shaft length 300.60,
 Core thickness 68.70, No./splines 6,
 Rotation ACR



132729 Armature

Replacing: 1878400, 10499230, 10495881, 10471537, 10467582, 10456405
 Servicing: 5MT, SD210, SD260, 10455001, 10455006, 10455008, 10455009, 10455012, 10455013, 10455015, 10455024, 10455042, 10455045
 12 V, Shaft length 256.58,
 Core thickness 62.28, No./splines 3,
 Rotation CR



133147 Armature

Replacing: 3471797, 3471767, 3471634
 Servicing: 153, 155, 164, 169, 173, 174, 3471153, 3471155, 3471164, 3471169, 3471170, 3471173, 3471174, 3471175, 3471377, 3471850
 12 V, 0.8/0.9/1/1.4 kW,
 Shaft length 227.60,
 Core thickness 58.00, No./splines 12,
 Rotation CR


133850 Armature

Replacing: D4161, 10456466

Servicing: 28MT, 10465054, 10479606, 10479607, 10479613, 10479614, 10479615, 10479617, 10479618, 10479619, 10479620, 10479621

12 V, Shaft length 177.70, No./teeth 8, Core thickness 60.10, Rotation CR/ACR


135786 Armature

Replacing: 1975073, 1929404, 1891404, 1851550

Servicing: 10MT, 10455316, 10455317, 10455318, 10455321, 10455322, 10455324, 10455325, 10455326, 10455327, 10455328, 10455329

12 V, Shaft length 300.50, No./splines 6, Core thickness 74.30, Rotation CR


135939 Armature

Replacing: 801662

Servicing: 10MT, 1108440, 1108511, 1109430, 1109595, 1998305, 1998324

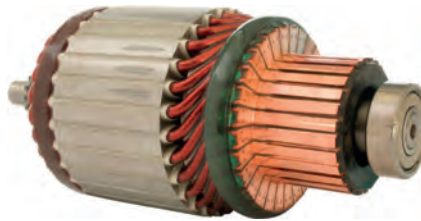
12 V, Shaft length 300.60, Core thickness 68.50, No./splines 6, Rotation CR


137485 Armature

Replacing: 1949243

Servicing: 10MT, 1107194, 1107771, 1107877, 1109398, 1109422, 1109429, 1109434, 1109498, 1109552, 1109569, 1109570, 1109572

12 V, Shaft length 300.70, Core thickness 74.40, No./splines 6, Rotation CR


230388 Armature

Replacing: 10487126, 10475990, 10475100, 10451976

Servicing: PG150, PG260F1, 09000794, 09000801, 10455506, 9000795, 9000817, 9000824, 96208785

12 V, 1.4 kW, Shaft length 128.00, Core thickness 54.00, No./teeth 16, Rotation CR


230604 Armature

Replacing: 10475588

Servicing: PG260M, 8000129, 8000193, 8000321, 9000786, 9000798, 9000804, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821

12 V, Shaft length 121.00, No./teeth 12, Core thickness 53.00, Rotation CR


231471 Armature

Replacing: 10492437

Servicing: 12560972, 22506694, 9000836, 9000837, 9000841, 9000842, 9000854, 9000857, 9000858

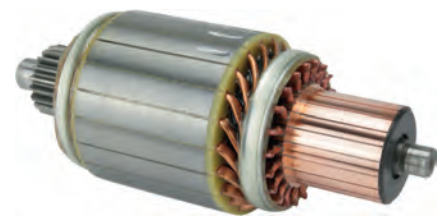
12 V, 1.7/2 kW, Shaft length 143.55, Core thickness 54.00, No./teeth 11, Rotation CR/ACR


232890 Armature

Replacing: 10473852

Servicing: 41MT, 10478812, 10478818, 10478897, 10478926, 10478999, 10479023, 10479060, 10479061, 10479071, 10479215

12 V, Shaft length 390.90, Core thickness 84.60, No./teeth 20


233960 Armature

Replacing: 10511758

Servicing: 39MT, 19011506, 19011508, 19011510, 19011513, 19011514, 19011515, 19011516, 19011517, 19011518, 19011519, 19011521

12 V, 6.2 kW, Shaft length 197.20, Core thickness 76.20, No./teeth 20 Gear reduction.


238624 Armature

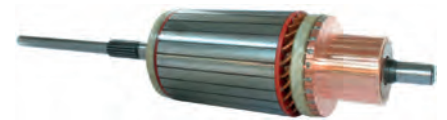
Servicing: 12564089, 8000180, 9000856, 9000902, 9000934, 9000967, 96550792

12 V, Shaft length 109.20, No./teeth 10, Core thickness 45.45, Rotation CR


330661 Armature

Servicing: 8000048, 8000387

12 V, 1.1 kW, Shaft length 99.15, Core thickness 45.48, No./teeth 10, Rotation CR

24 V

130553 Armature

Replacing: 1951254

Servicing: 50MT, 10478846, 10478853, 10478862, 1109294, 1109299, 1109494, 1109497, 1109632, 1109633, 1109635, 1109641, 1109644

24 V, Shaft length 532.00, Core thickness 97.00, No./splines 19 Long shaft.



130554 Armature
 Replacing: 1953233, 1945840
 Servicing: 50MT, 10478800, 10478843, 10478844, 10478845, 10478848, 10478849, 10478850, 10478851, 10478852, 10478854, 10478855
 24 V, Shaft length 482.60,
 Core thickness 96.00, No./splines 19,
 Rotation CR
 Short shaft.



130923 Armature
 Replacing: 1948508, 1948506, 1945500
 Servicing: 40MT, 10461047, 1113818, 1113824, 1113825, 1113827, 1113830, 1113831, 1113832, 1113840, 1113842, 1113845, 1113846
 24 V, Shaft length 466.50,
 Core thickness 85.00, No./splines 19



131350 Armature
 Replacing: 1988435
 Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478820, 10478836, 10478839, 10478892
 24 V, Shaft length 451.00,
 Core thickness 84.00, No./splines 19,
 Rotation CR



131359 Armature
 Replacing: 1988322
 Servicing: 37TM, 10478811, 10478814, 10478819, 10478826, 10478960, 10478976, 10479020, 1990330, 1990331, 1990332, 1990499, 1993701
 24 V, Shaft length 392.10,
 Core thickness 85.00, No./splines 3, Rotation CR



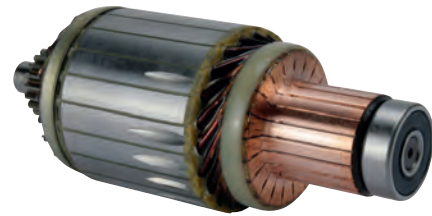
131661# Armature
 Replacing: 1967295, 1967044, 1949112, 1948600, 1948464
 Servicing: 35MT, 1113172, 1113353, 1113366, 1113370, 1113371, 1113372, 1113375, 1113378, 1113379, 1113384, 1113385, 1113386
 24 V, Shaft length 431.30,
 Core thickness 85.00, No./splines 19



135089 Armature
 Replacing: 10457622, 10457117
 Servicing: 28MT, 10461470, 10479600, 10479604, 10479605, 10479608, 10479611, 10479612, 10479616, 10479623, 10479626, 10479627
 24 V, Shaft length 177.50,
 Core thickness 60.10, No./teeth 8,
 Rotation CR/ACR



232891 Armature
 Replacing: 10472559
 Servicing: 41MT, 10478815, 10478817, 10478898, 10478925, 10478961, 10479013, 10479024, 1993995
 24 V, Shaft length 391.45,
 Core thickness 84.60, No./teeth 19



333058 Armature
 Replacing: 10511750
 Servicing: 19011507, 19011509, 19011511, 19011512, 19011522, 19011523, 19011524, 19011527, 8200009, 8200022, 8200039, 8200086
 24 V, Shaft length 197.20,
 Core thickness 76.20, No./teeth 20

Armature Parts

Various

Pkg. 5



136846# Spacer
 Servicing: 150, 163, 168, 172, 177, 3471150, 3471163, 3471168, 3471171, 3471172, 3471177, 3471390, 3471393, 3471555
 ID 17.20, OD 20.90, Height 14.90

Yokes w/ magnets

12 V


231328 Yoke

Replacing: 10475597

Servicing: PG260, 8000032, 8000129, 8000193, 8000321, 9000786, 9000798, 9000819, 9000820, 9000821, 9000822, 9000834, 9000835

 OD/middle 73.55, Length 50.00/1.969",
Brush gear w/o, Magnets w/

232844# Yoke

Replacing: 10476433, 10475996

Servicing: PG260F1, 09000794, 09000801, 9000795, 9000817, 9000824

 12 V, OD/middle 73.00,
Length 97.00/3.819", Brush gear w/o,
Magnets w/

Field Cases

232402 Field Case

Replacing: 10456473

Servicing: 28MT, 10479604, 10479606, 10479607, 10479613, 10479615, 10479617, 10479618, 10479619, 10479620, 10479628, 1113269

 12 V, OD/middle 90.30, Length 140.90,
Brush gear w/o
Field coil only: HC-CARGO 134836.

232403 Field Case

Replacing: 10457118

Servicing: 28MT, 10479600, 10479605, 10479608, 10479611, 10479612, 10479616, 10479623, 1113272, 1113277, 1113291

 24 V, OD/middle 90.60, Length 105.35,
Brush gear w/o
Field coil only: HC-CARGO 135610.

237832 Yoke

Servicing: 19011501, 19011507, 19011509, 19011511, 19011512, 19011522, 19011523, 19011524, 19011527, 19024196, 8200009, 8200022

 24 V, 6.2 kW, OD/middle 105.30,
Length 108.20, Rotation CR

Field Coils

12 V


131366 Field Coil

Replacing: 1988111

Servicing: 42MT, 10478801, 10478802, 10478803, 10478804, 10478809, 10478810, 10478824, 10478894, 10478918, 10478931, 10478932

 12 V, Internal height 110.45,
Inner width 33.90

132392 Field Coil

Replacing: 1960853

Servicing: 20MT, 25MT, 1107556, 1107573, 1107574, 1107577, 1107587, 1107588, 1107598, 1107599, 1107863, 1107866, 1107867, 1107868

 12 V, Height 137.35, Width 249.15,
Internal height 99.80, Inner width 31.70

132691 Field Coil

Replacing: D4264, D4227, D4223, 1977306, 1976129, 1965730, 1965048, 1877306, 10496643, 10470770

Servicing: 10MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455314, 10455315

 12 V, Height 104.70, Width 252.45,
Internal height 65.20, Inner width 31.65

132693# Field Coil

Replacing: D4218, 1945350

Servicing: 30MT, 1113059, 1113089, 1113100, 1113111, 1113112, 1113114, 1113119, 1113121, 1113126, 1113136, 1113138, 1113139

 12 V, Height 124.55, Width 295.25,
Internal height 77.45, Inner width 36.40

135245# Field Coil

Servicing: 150, 163, 168, 172, 3471150, 3471163, 3471168, 3471171, 3471172, 3471390, 3471393

 12 V, 0.7 kW, Height 80.25, Width 188.20,
Internal height 48.85, Inner width 22.75
Small pole shoe.


135338 Field Coil

Replacing: 1988951, 1986819, 1986457, 1978123, 1956384, 1956348, 1955951, 1891918

Servicing: 20MT, 27MT, 1107506, 1107508, 1107509, 1107510, 1107511, 1107512, 1107514, 1107516, 1107517, 1107518, 1107519, 1107520

12 V, Height 130.40, Width 243.90, Internal height 100.90, Inner width 31.85


230428# Field Coil

Replacing: 1893754, 1893277, 10499208

Servicing: 5MT, 10455004, 10455006, 10455007, 10455016, 10455017, 10455018, 10455019, 10455023, 10455024, 10455055, 10465018

12 V, Height 88.50, Internal height 62.60, Inner width 25.55


232874 Field Coil

Replacing: 1988863

Servicing: 42MT, 10478968, 10478971, 10478978, 10479007, 1990365, 1990380, 1990395, 1990430, 1990439, 1990442, 1990486, 1990494

12 V, Height 152.00, Width 306.70, Internal height 110.80, Inner width 34.50, Rotation ACR


235740 Field Coil

Servicing: 19011506, 19011508, 19011510, 19011513, 19011514, 19011515, 19011516, 19011517, 19011518, 19011519, 19011521, 19011525

12 V, Height 108.50, Internal height 66.05, Inner width 27.50

24 V


130495 Field Coil

Replacing: 1974929, 1974778, 1971839, 1949109, 1945496, 1945109, 1846926

Servicing: 40MT, 10461045, 10461046, 10461047, 10461059, 10461060, 1109621, 1113172, 1113386, 1113389, 1113392, 1113396, 1113397

12/24 V, Height 139.70, Width 261.55, Internal height 110.85, Inner width 33.55


130496 Field Coil

Replacing: 1945853

Servicing: 50MT, 10478800, 10478843, 10478844, 10478845, 10478846, 10478848, 10478849, 10478850, 10478852, 10478853, 10478855

24 V, Height 174.65, Width 311.10, Internal height 130.60, Inner width 26.65


131351 Field Coil

Replacing: 1988442

Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478820, 10478893, 10478937, 10478938

24 V, Height 144.60, Width 280.80, Internal height 110.75, Inner width 33.55


131360 Field Coil

Replacing: 1988328

Servicing: 37MT, 10478864, 1990330, 1990331, 1990332, 1990499, 1993701, 1993702, 1993707, 1993711, 1993723, 1993729, 1993732

24 V, Height 141.50, Internal height 88.10, Inner width 34.10


135610 Field Coil

Servicing: 28MT, 10461470, 10479613, 10479623, 10479626, 10479627, 1113277, 19024204, DRX67095, DRX67131, DRX67149

24 V, Height 97.85, Internal height 55.80, Inner width 20.90


232872 Field Coil

Replacing: D4257, 10469230

Servicing: 37MT, 10478811, 10478814, 10478819, 10478826, 10478960, 10478976, 10479020, 1993901, 1993902, 1993903, 1993905, 1993909

24 V, Height 143.35, Internal height 91.90, Inner width 33.75


232873 Field Coil

Replacing: 1988797

Servicing: 42MT, 10478836, 10478839, 10478892, 10478979, 10478981, 10479012, 1990381, 1990389, 1990436, 1990447, 1993784, 1993826

24 V, Height 147.00, Width 282.00, Internal height 110.15, Inner width 32.80, Rotation ACR


232877 Field Coil

Replacing: 10472563

Servicing: 37MT, 41MT, 10478815, 10478817, 10478898, 10478925, 10478953, 10478961, 10479013, 10479024, 1993995

24 V, Height 143.35, Width 292.90, Internal height 89.60, Inner width 33.55

C.E. Brackets

133019 C.E. Bracket

Replacing: D4307, 1977031, 1974157, 1941109, 1928966

 Servicing: 10MT, 25MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312
w/o Bushing. Bushing: HC-CARGO 140181.

138699 C.E. Bracket

 Replacing: D4303, 1951603, 1940385
 Servicing: 20MT, 25MT, 1107185, 1107213, 1107218, 1107249, 1107253, 1107279, 1107297, 1107315, 1107336, 1107359, 1107369, 1107383

w/ bushing.

230409# C.E. Bracket

 Replacing: D4313, 10496330, 10467598
 Servicing: 5MT, SD210, SD260, 10455001, 10455006, 10455008, 10455009, 10455012, 10455013, 10455015, 10455024, 10455042, 10455045

w/ needle bearing.

230544 C.E. Bracket

 Replacing: 1988126, 10496573, 10495156
 Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803, 10478809

230780 C.E. Bracket

Replacing: 10457036

Servicing: 28MT, 10461470, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479612, 10479613, 10479614, 10479615

ID 84.00


230781# C.E. Bracket

Replacing: 10456467

Servicing: 28MT, 10465054, 10479611, 1113267, 1113269, 1113270, 1113295, 1113296

w/ stud 1/4"-20.

232524 C.E. Bracket

Replacing: 10477932, 10476865, 10475581

Servicing: PG260M, 8000193, 9000786, 9000798, 9000819, 9000820, 9000821, 9000822, 9000834, 9000850, 9000851, 9000853, 9000860

ID 71.00

Drain tube: HC-CARGO 138224.

232530 C.E. Bracket

Replacing: D3339, 10468709

Servicing: 37MT, 41MT, 10478805, 10478811, 10478812, 10478814, 10478815, 10478817, 10478818, 10478819, 10478925, 10478926

ID 128.50

D.E. Brackets

130511 D.E. Bracket

Replacing: 1970455, 1970454, 1969323, 1967454, 1961666, 1957847, 1957846, 1951189, 1949606, 1948452, 1946575

Servicing: 40MT, 50MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807


134031 D.E. Bracket

Servicing: 150, 168, 172, 3471150, 3471168, 3471172, 3471393


139137# D.E. Bracket

Servicing: 174, 3471170, 3471174, 3471850


139283 D.E. Bracket

Replacing: 1984590, 1984097

Servicing: 10MT, SD300, 10455301, 10455305, 10455306, 10455308, 10455343, 10455603, 10496873, 10496874, 1107781, 1108338, 1108427

w/ bushing.



230110 D.E. Bracket

Replacing: 830845

Servicing: 10MT, 1108400, 1108755, 1108756, 1109481, 1109486, 1109487, 1109488, 1109489, 1109490, 1109492, 1998317, 1998318



230542 D.E. Bracket

Replacing: 1988779, 1988438, 1988137

Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478803, 10478804, 10478809, 10478810



231244 D.E. Bracket

Replacing: 10476793

Servicing: PG260M, 8000193, 9000798, 9000820, 9000822, 9000850

Needle bearing: HC-CARGO 140242.



231246 D.E. Bracket

Replacing: 10476596

Servicing: PG260M, 9000786, 9000819, 9000821, 9000851, 9000860, 9000899

Needle bearing: HC-CARGO 140242.



231742 D.E. Bracket

Replacing: 10457026

Servicing: 28MT, 10479605, 10479615, 10479616, 10479617, 10479621, 10479623, 10479634, 1113275, 1113276, 1113277, 1113278, 1113291



231745 D.E. Bracket

Replacing: 10457170, 10457029

Servicing: 28MT, 10479600, 10479606, 10479615, 10479618, 10479629, 1113279, 1113280, 1113281, 1113282, 1113285



231748# D.E. Bracket

Replacing: 10467626, 10456482

Servicing: SD260, 10455013, 10455042, 10455050, 10455070, 10465065

Needle bearing: HC-CARGO 140421.



232050 D.E. Bracket

Replacing: 1970310, 1968122, 1967277, 1965529, 1876881

Servicing: 10MT, SD300, 10455300, 1107237, 1107242, 1107247, 1107248, 1107259, 1107260, 1107266, 1107301, 1107302, 1107306

w/ bushing.



232501 D.E. Bracket

Replacing: 1987887

Servicing: 37MT, 10478805, 1990499, 1993756, 1993817, 1993838, 1993862, 1993879, 1993903, 1993919, 1993921, 1993954, 1993956



233758 D.E. Bracket

Replacing: 10457359

Servicing: 10461470, 10479626, DRX67095, DRX67149

I.M. Brackets



230678 I.M. Bracket

Replacing: 1962602

Servicing: 10455321, 10455322, 10455324, 10455325, 10455326, 10455331, 10455332, 10455333, 10455500, 1107295, 1107296, 1107297

Wet clutch starters.



230679 I.M. Bracket

Replacing: 820149, 1986468, 10496109

Servicing: 10455317, 10455318, 10455319, 10455327, 10455336, 10455337, 10455339, 1107051, 1107071, 1107146, 1107179, 1107193



230778 I.M. Bracket
 Replacing: 10457037
 Servicing: 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479612, 10479613, 10479614, 10479615, 10479616, 10479617



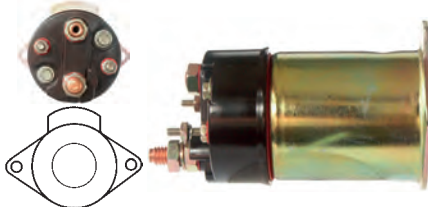
230821# I.M. Bracket
 Replacing: 1988093, 10473716
 Servicing: 10478801, 10478803, 10478804, 10478809, 10478810, 10478824, 10478839, 10478980, 10478986, 10478998, 10479052, 10479053



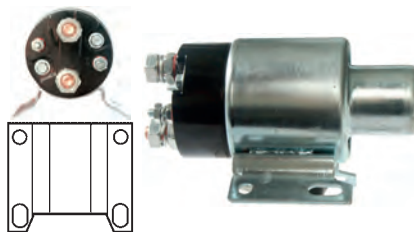
231105 I.M. Bracket
 Replacing: 10456470
 Servicing: 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479614, 10479615
Dry clutch.

Solenoids

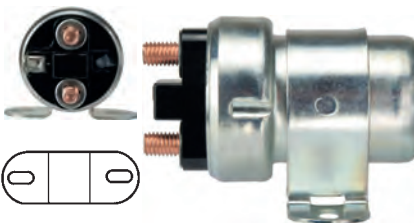
12 V



130499 Solenoid
 Replacing: D992, D982, D981, D978, D975, D974, D969, D967, D966, D965, D960, D958, D956, D952, D948, D943
 Servicing: 10MT, 20MT, 25MT, 27MT, 10455308, 10455309, 10455310, 10455311, 10455322, 10455335, 1107201, 1107203, 1107204, 1107223
 12 V, B+ 3/8" UNC, Kl. 15a 8-32 UNC, Kl. 50 8-32 UNC, ID/cover 31.35, OD 59.80, OD/cover 65.10, Total length 122.15, Coil bolt 3/8" UNC, No./terminals 4
 Cap: HC-CARGO 130497.



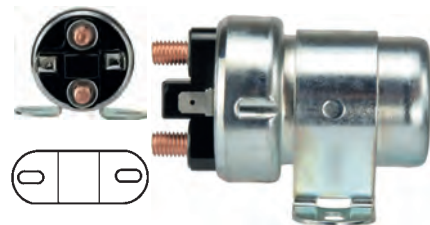
130500 Solenoid
 Replacing: D980, D971, D970, D959, D954, 1119935, 1119933, 1119890, 1119885, 1119882, 1119877, 1119833
 Servicing: 30MT, 35MT, 1113059, 1113066, 1113070, 1113075, 1113082, 1113083, 1113087, 1113088, 1113089, 1113090, 1113091, 1113092
 12 V, B+ 3/8" UNC, Kl. 15a 8-32 UNC, Kl. 50 10-32 UNF, ID/cover 32.25, OD 67.15, OD/cover 62.90, Total length 152.80, Height/B+ 18.50, Width/kl. 15a 15.50, Width/kl. 50 11.00, Coil bolt 3/8" UNC, Coil bolt 2 19.50, No./terminals 4
 Insulated return. Cap: HC-CARGO 130498.



131080 Solenoid
 Replacing: 19024764
 12 V, 50 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 39.70, Total length 86.40, Height/B+ 12.25, Width/kl. 50 9.55, Coil bolt M8, Coil bolt 2 12.25, Seconds 5, No./terminals 3



131119 Solenoid
 Replacing: DR902, 3471982, 3471741, 3471693
 Servicing: 3471143, 3471163
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/cover 21.65, OD 51.00, OD/cover 53.55, Total length 113.40, Height/B+ 10.45, Width/kl. 15a 14.20, Width/kl. 50 14.20, No./terminals 4
 Cap: HC-CARGO 130489. w/o plunger.



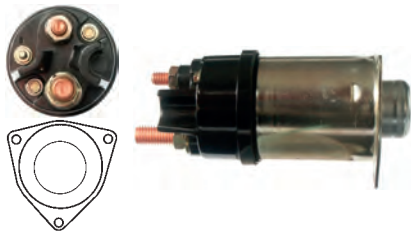
131253 Solenoid
 Replacing: 19024762
 12 V, 60 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 39.65, Total length 85.75, Height/B+ 11.85, Width/kl. 50 9.85, Coil bolt M8, Coil bolt 2 11.85, Seconds 5, No./terminals 4



131272 Solenoid
 Replacing: DR903, 3491027, 3471977, 3471697
 Servicing: 150, 163, 168, 172, 176, 3471150, 3471160, 3471163, 3471168, 3471171, 3471172, 3471176, 3471390, 3471393
 12 V, B+ M8, Kl. 50 6.30, OD 51.60, OD/cover 56.40, Total length 107.60, Height/B+ 14.45, Width/kl. 50 15.40, Coil bolt M8, Coil bolt 2 15.30, No./terminals 4
 Cap: HC-CARGO 133180. w/o plunger.



131273 Solenoid
 Replacing: DR904, 3471979, 3471929, 3471725
 Servicing: 155, 169, 173, 174, 3471155, 3471162, 3471169, 3471170, 3471173, 3471174, 3471377, 3471850
 12 V, B+ M8, Kl. 50 6.30, OD 51.15, OD/cover 54.45, Total length 107.25, Height/B+ 15.80, Coil bolt M8, Coil bolt 2 15.80, No./terminals 3
 Cap: HC-CARGO 133181.

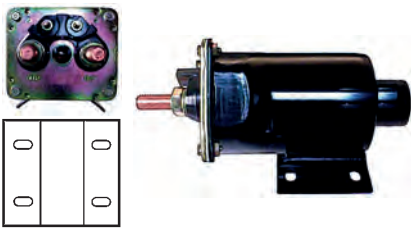


131356 Solenoid

Replacing: 1115591

Servicing: 37MT, 1990308, 1990319, 1990341

12 V, B+ 1/2" UNC, Kl. 50 10-32 UNF, ID/cover 32.40, OD 68.55, OD/cover 76.80, Total length 177.95, Coil bolt 3/8" UNC, No./terminals 3
Motor terminal: 3/8"-16. Cap: HC-CARGO 137810.



131363 Solenoid

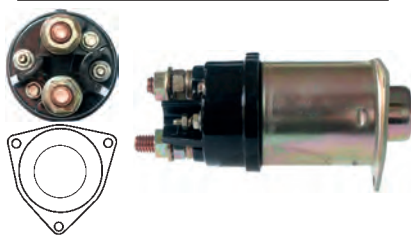
Replacing: 1119879, 1119853, 1115575, 1115565, 1115556

Servicing: 40MT, 50MT, 10461041, 10461045, 10461046, 10461048, 10461059, 10461060, 10461061, 10478813, 10478877, 10478881

12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 74.60,

Total length 201.00, Height/B+ 28.00, Width/kl. 15a 9.00, Width/kl. 50 9.00, Coil bolt 1/2" UNC, Coil bolt 2 18.00, No./terminals 4

Insulated return. Square type. Cap: HC-CARGO 131367.



131369 Solenoid

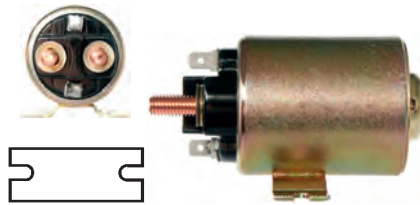
Replacing: 1115645, 1115593

Servicing: 42MT, 10478801, 10478802, 10478803, 10478804, 10478810, 10478894, 10478962, 10478964, 10478966, 10478967, 10478978

12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 68.80,

OD/cover 78.10, Total length 177.80, Height/B+ 26.00, Width/kl. 15a 12.50, Width/kl. 50 12.50, Coil bolt 1/2" UNC, Coil bolt 2 17.50, No./terminals 4

Insulated return. Cap: HC-CARGO 135324. Solenoid w/ plunger: HC-CARGO 234476.



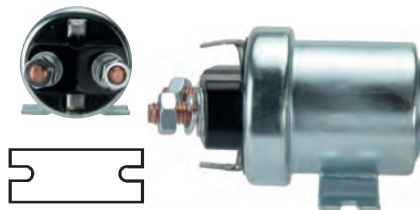
131370 Solenoid

Replacing: 19024758

12 V, 80 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 52.10, OD/cover 45.20, Total length 101.75, Height/B+ 17.50, Width/kl. 50 10.65, Coil bolt M8, Coil bolt 2 17.50,

Seconds 5, No./terminals 4
Water proof. Silver contact. Insulated return.

Alternative no.: 333160



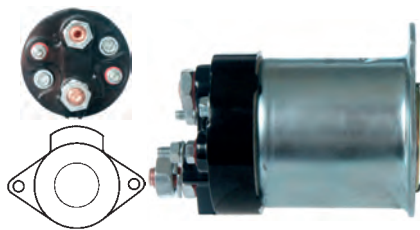
131373Z Solenoid

Replacing: 19024761

12 V, 150 Amp, Intermittent load 800 Amp., B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 54.17, OD/cover 43.36, Total length 92.00, Height/B+ 17.34, Coil bolt M8, Coil bolt 2 17.34,

Seconds 5, No./terminals 4
Silver contact.

Alternative no.: 333153 , 131373



131590 Solenoid

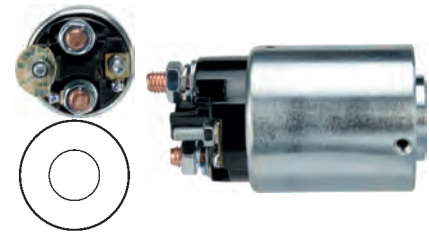
Replacing: D994, D991, D987, D984, D913A, 1114571, 1114569, 1114566, 1114564, 1114562, 1114557, 1114531

Servicing: 5MT, 22MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019

12 V, B+ 3/8" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/cover 28.50,

OD 59.90, OD/cover 65.55, Total length 105.25, Height/B+ 14.50, Width/kl. 15a 10.00, Width/kl. 50 10.00, Coil bolt 3/8" UNC, No./terminals 4

Insulated return. Cap: HC-CARGO 137809.



132944 Solenoid

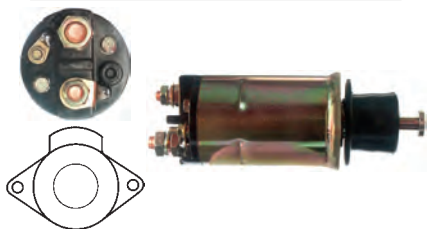
Replacing: D936A, D922A, 10497275, 10468962, 10467421

Servicing: PG100, 150, 09000756, 21020892, 21020893, 21021366, 21021648, 9000719, 9000735, 9000751, 9000758, 9000762, 9000763

12 V, B+ M8, Kl. 50 M6, ID/cover 24.10, OD 51.40, OD/cover 44.35, Total length 93.40, Height/B+ 16.50, Width/kl. 50 10.00, Coil bolt M8, Coil bolt 2 17.85, No./terminals 4

Insulated return. Cap: HC-CARGO 139429. Moving contact: HC-CARGO 139430.

Alternative no.: 610363



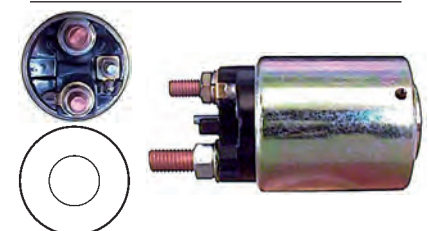
133852 Solenoid

Replacing: D930A, 10457055

Servicing: 28MT, 10479604, 10479613, 10479615, 10479619, 10479621, 1113273, 1113274, 1113275, 1113276, 1113278, 1113279, 1113280

12 V, B+ M10, Kl. 50 M5, OD 57.00, OD/cover 57.00, Total length 175.00, Height/B+ 16.50, Width/kl. 50 7.50, Coil bolt M8, Coil bolt 2 11.00, No./terminals 3

Cap: HC-CARGO 134841. Terminal switch: M5.

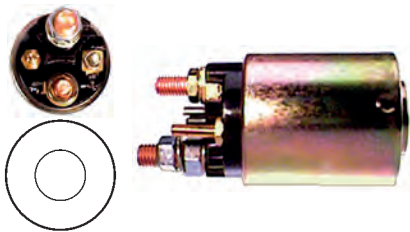


135461 Solenoid

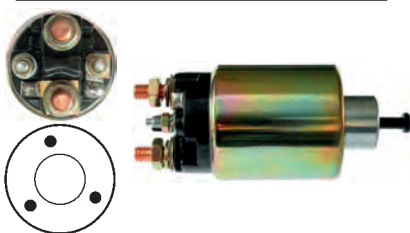
Servicing: PG200PMGR, PG250PMGR, 9000762, 9000768, 9000796

12 V, B+ M10, Kl. 50 M5, ID/cover 24.30, OD 51.30, OD/cover 44.60, Total length 104.85, Height/B+ 25.90, Width/kl. 50 15.65, Coil bolt M8, Coil bolt 2 18.40, No./terminals 3

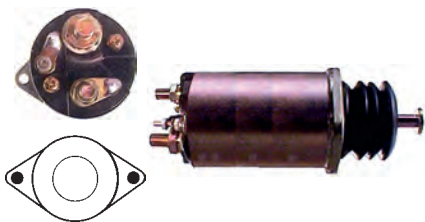
Cap: HC-CARGO 139432.


137339 Solenoid

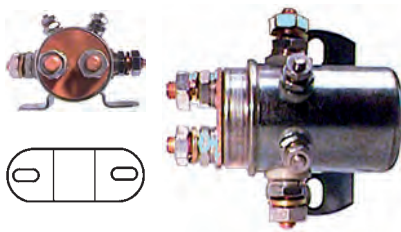
Replacing: 1114581, 1114580, 10467985
 Servicing: PG200, -250
 12 V, B+ M10, Kl. 15a M5, Kl. 50 M5,
 ID/cover 24.50, OD 51.40,
 OD/cover 44.30, Total length 100.20,
 Height/B+ 20.00, Width/kl. 15a 11.50,
 Width/kl. 50 12.50, Coil bolt M8,
 Coil bolt 2 13.00, No./terminals 4
 Cap: HC-CARGO 233820.


137370 Solenoid

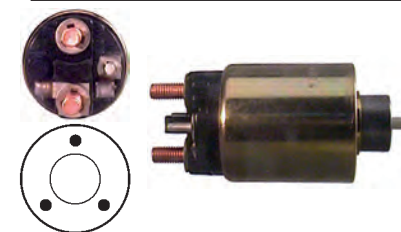
Replacing: 1114583
 Servicing: PG260FI, PG260M, 8000193,
 9000819, 9000820, 9000821, 9000822,
 9000840, 9000850, 9000879, 9000884,
 9000885, 9000895
 12 V, B+ M8, Kl. 15a M5, Kl. 50 M5,
 OD 52.50, Total length 123.90,
 Height/B+ 16.00, Width/kl. 15a 11.00,
 Width/kl. 50 11.00, Coil bolt M8,
 Coil bolt 2 16.00, No./terminals 4
 Cap: HC-CARGO 232226.


137811 Solenoid

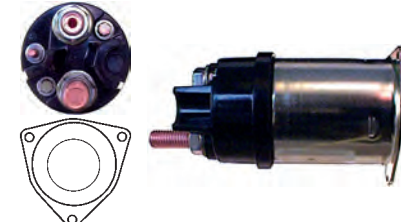
Replacing: 10456454
 Servicing: 28MT, 10465054, 1113267,
 1113269, 1113270, 1113295, 1113296
 12 V, B+ M10, Kl. 50 M4, OD 56.90,
 OD/cover 57.20, Total length 174.00,
 Height/B+ 16.00, Width/kl. 50 8.00,
 Coil bolt M8, Coil bolt 2 11.00,
 No./terminals 3
 Cap: HC-CARGO 137824.


138068 Solenoid

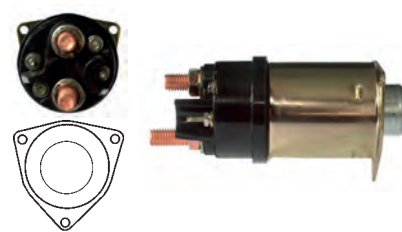
Replacing: 1114534, 1114223
 12 V, 200 Amp, Intermittent load 900 Amp.,
 B+ 5/16" UNF, Kl. 50 10-32 UNF,
 OD 42.00, Total length 89.35,
 Height/B+ 12.00, Width/kl. 50 8.00,
 Coil bolt 5/16" UNF, Coil bolt 2 12.00,
 Seconds 5, No./terminals 6
 Silver contact.


138217 Solenoid

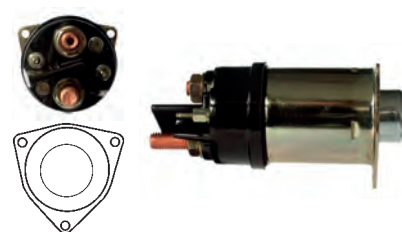
Replacing: 1114587, 10475654, 10475646
 Servicing: PG260, 10455513, 10455515,
 12564089, 22506694, 8000180, 9000775,
 9000786, 9000798, 9000805, 9000806,
 9000812, 9000820
 12 V, B+ M8, Kl. 50 M5, OD 52.50,
 OD/cover 46.40, Total length 124.20,
 Height/B+ 16.50, Width/kl. 50 10.50,
 Coil bolt M8, Coil bolt 2 16.50,
 No./terminals 3
 Cap: HC-CARGO 138409. Moving contact: HC-
 CARGO 138410.


139209 Solenoid

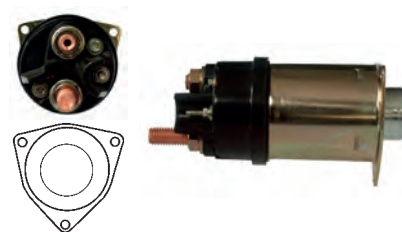
Replacing: D904A, 1115613, 1115609
 Servicing: 37MT, 10478806, 10479036,
 10479068, 1990309, 1990310, 1990313,
 1990315, 1990316, 1990317, 1990320,
 1990498, 1993705
 12 V, B+ 1/2" UNC, Kl. 50 10-32 UNF,
 ID/cover 32.00, OD 68.75, OD/cover 77.40,
 Total length 179.00, Height/B+ 26.00,
 Coil bolt 1/2" UNC, No./terminals 3
 Cap: HC-CARGO 232014.


231912 Solenoid

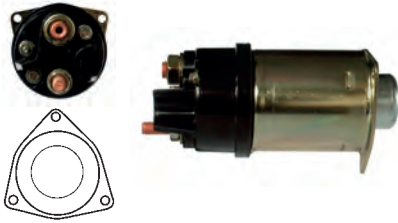
Replacing: 1115598
 Servicing: 42MT, 10478918, 10478965,
 10478977, 10478984, 10478985, 10478991,
 10479003, 1990369, 1990374, 1990380,
 1990396, 1990401
 12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF,
 Kl. 50 10-32 UNF, ID/cover 31.80,
 OD 69.15, OD/cover 76.10,
 Total length 176.80, Coil bolt 1/2" UNC,
 No./terminals 4
 Insulated return. Cap: HC-CARGO 232032.


231913 Solenoid

Replacing: D917A, 1115623
 Servicing: 37MT, 10478805, 10478927,
 10478928, 10478929, 10478930, 10478957,
 10479014, 10479015, 10479034, 10479054,
 1993851
 12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF,
 Kl. 50 10-32 UNF, ID/cover 32.35,
 OD 69.00, OD/cover 70.25,
 Total length 176.45, Width/kl. 15a 11.70,
 Width/kl. 50 15.95, Coil bolt 1/2" UNC,
 Coil bolt 2 9.15, No./terminals 4
 Cap: HC-CARGO 232025.

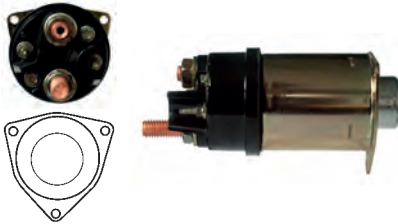

231914 Solenoid

Replacing: 1115610
 Servicing: 37MT, 1993767, 1993854
 12 V, B+ 1/2" UNC, Kl. 50 10-32 UNF,
 ID/cover 32.25, OD 68.85, OD/cover 76.40,
 Total length 177.65, Coil bolt 1/2" UNC,
 No./terminals 3
 Cap: HC-CARGO 232028.


231915 Solenoid

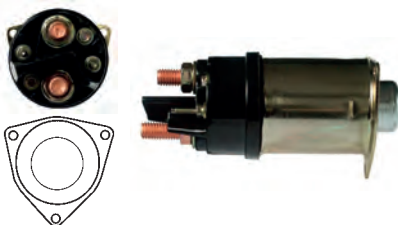
Replacing: D905A, 1115612

Servicing: 37MT, 1993790, 1993791, 1993792, 1993793, 1993799, 1993800, 1993818, 1993854

 12 V, B+ 3/8" UNC, KI. 50 10-32 UNF, OD 68.50, OD/cover 76.30, Total length 170.00, Height/B+ 19.50, Width/kl. 50 9.00, Coil bolt 1/2" UNC, Coil bolt 2 3.00, No./terminals 3
 Cap: HC-CARGO 232029.

231916 Solenoid

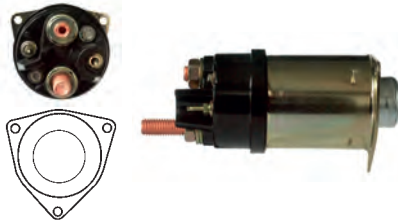
Replacing: D923A, 1115618

Servicing: 37MT, 10461169, 10478953, 10479035, 10479069, 1993947, 1993969, 1993970, 1993974, 1993997

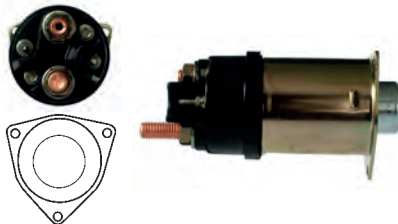
 12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/cover 32.35, OD 68.85, OD/cover 76.45, Total length 178.00, Width/kl. 15a 15.25, Width/kl. 50 15.70, Coil bolt 1/2" UNC, Coil bolt 2 10.50, No./terminals 4
 Insulated return. Cap: HC-CARGO 232030.

231917 Solenoid

Replacing: D918A, 1115656, 1115624, 10511213

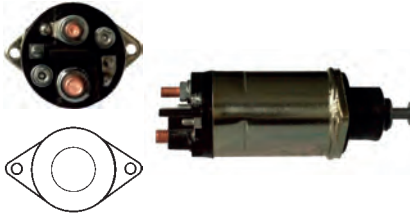
Servicing: 42MT, 10478931, 10478932, 10478933, 10478934, 10478935, 10478936, 10478951, 10478987, 10479004, 10479005, 10479006

 12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/cover 32.80, OD 68.00, OD/cover 76.30, Total length 178.35, Coil bolt 1/2" UNC, No./terminals 4
 Insulated return. Jump start protection cap.
 Cap: HC-CARGO 232031.

231921 Solenoid

Replacing: D942A, 1115643

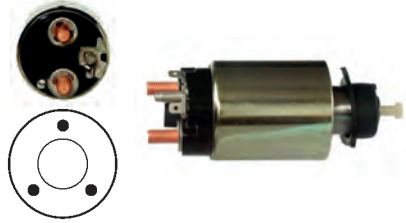
 Servicing: 37MT, 10478890, 10478921
 12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/cover 32.80, OD 68.90, OD/cover 76.50, Total length 183.00, Coil bolt 1/2" UNC, Coil bolt 2 10.50, No./terminals 4
 Insulated return. Cap: HC-CARGO 232035.

231925 Solenoid

Replacing: D924A, 1115617

 Servicing: 37MT, 1993866, 1993971
 12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/cover 32.20, OD 68.75, OD/cover 76.20, Total length 179.00, Coil bolt 1/2" UNC, Coil bolt 2 11.00, No./terminals 4
 Insulated return. Cap: HC-CARGO 232038.

231927 Solenoid

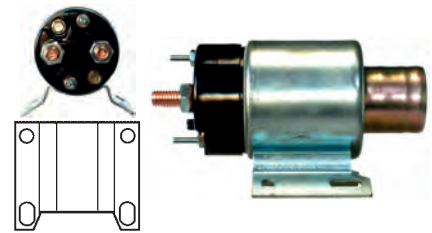
Replacing: D937A, 10478614, 10457601, 10457151, 10457061

Servicing: 28MT, 10479606, 10479607, 10479613, 10479614, 10479615, 10479617, 10479618, 10479620, 10479628, 10479648, 1113271

 12 V, B+ M10, KI. 15a M5, KI. 50 M5, OD 57.00, OD/cover 56.75, Total length 174.50, Height/B+ 16.00, Width/kl. 15a 10.00, Width/kl. 50 7.00, Coil bolt M8, Coil bolt 2 15.75, No./terminals 4
 Relay terminal: M5.

231929 Solenoid

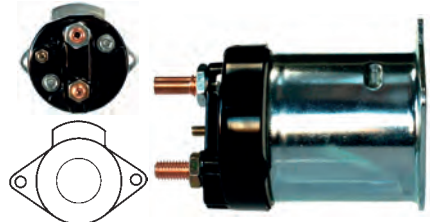
Replacing: 10482844, 10476117

Servicing: PG150S, 10455506, 21020761, 9000794, 9000795, 9000817, 9000824, 96208781, 96208782, 96208785

 12 V, B+ M8, KI. 50 M6, ID/cover 25.15, OD 51.35, OD/cover 49.50, Total length 127.00, Height/B+ 15.30, Width/kl. 50 10.00, Coil bolt M8, Coil bolt 2 14.50, No./terminals 3
 Cap: HC-CARGO 232052.

232218 Solenoid

Replacing: 1115584, 1115541, 1115530

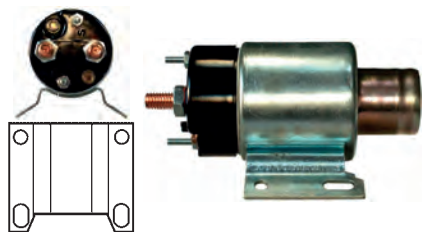
Servicing: 35MT EXT. ROTATABLE, 1113389, 1113391, 1113392, 1113396, 1113397, 1113399, 1113400, 1113401, 1113404, 1113405, 1113412

 12 V, B+ 3/8" UNC, KI. 15a 8-32 UNC, KI. 50 8-32 UNC, ID/cover 32.20, OD 66.00, OD/cover 62.15, Total length 148.50, Height/B+ 13.00, Width/kl. 15a 13.50, Width/kl. 50 10.50, Coil bolt 3/8" UNC, Coil bolt 2 15.50, No./terminals 4
 Insulated return. Cap: HC-CARGO 232217.

232219 Solenoid

Replacing: D946A, 1114584, 1114576

Servicing: SD205, -255, 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455051

12 V, B+ M8, KI. 50 M5, ID/cover 28.45, OD 59.40, OD/cover 65.80, Total length 105.50, Height/B+ 15.00, Width/kl. 50 10.00, Coil bolt 16.25, No./terminals 3

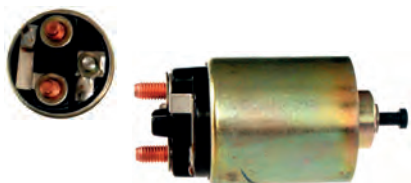

232221 Solenoid

Replacing: D985, D953, 1119883, 1115582, 1115537

Servicing: 30MT, 1113001, 1113034, 1113038, 1113040, 1113049, 1113050, 1113052, 1113053, 1113056, 1113081, 1113104, 1113106

12 V, B+ 3/8" UNC, Kl. 15a 8-32 UNC, Kl. 50 8-32 UNC, ID/cover 32.05, OD 66.30, OD/cover 62.15, Total length 148.00, Height/B+ 13.00, Width/kl. 15a 14.00, Width/kl. 50 10.50, Coil bolt 3/8" UNC, Coil bolt 2 15.00, No./terminals 4

Cap: HC-CARGO 232222.


233762 Solenoid

Servicing: 10455503, 96275481

12 V, B+ M8, Kl. 50 M6, ID/cover 24.90, OD 52.40, OD/cover 45.55, Total length 128.60, Height/B+ 13.20, Width/kl. 50 9.70, Coil bolt M8, Coil bolt 2 12.95, No./terminals 3


234476 Solenoid

Replacing: 1115712, 1115701

Servicing: 42MT

12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 69.00, OD/cover 77.30, Total length 248.00, Height/B+ 37.40, Width/kl. 15a 17.65, Width/kl. 50 16.60, Coil bolt 1/2" UNC, Coil bolt 2 28.50, No./terminals 4

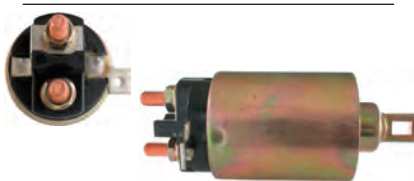
Insulated return. Cap: HC-CARGO 135324.


235006 Solenoid

Replacing: 1114582, 1114578, 10469039

Servicing: 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455051, 10455053, 10455054

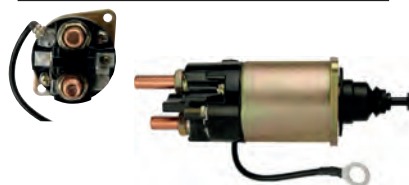
12 V, No./terminals 3


235167 Solenoid

Servicing: 00E091, 110397, 112161, CER3087

12 V, B+ M8, Kl. 50 M5, OD 55.48, Total length 135.00, Height/B+ 19.06, Coil bolt M8, Coil bolt 2 19.00, No./terminals 3

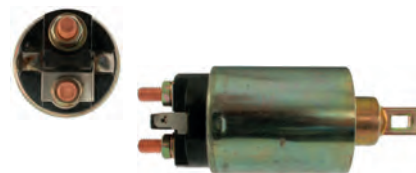
Cap: HC-CARGO 235403.


235609 Solenoid

Replacing: 10511408

Servicing: 10461334, 10461753, 10461755, 10461757, 10461760, 10461773, 10461777, 19011505, 19011506, 19011508, 19011510, 19011513

12 V, B+ M12, Kl. 50 M5, OD 63.90, OD/cover 63.90, Total length 218.00, Height/B+ 32.50, Width/kl. 50 12.80, Coil bolt M8, Coil bolt 2 23.00, No./terminals 3


236315 Solenoid

Servicing: 110566

12 V, B+ M8, Kl. 50 6.30, OD 55.40, OD/cover 53.00, Total length 133.88, Switch dim. 7.50, Height/B+ 14.00, Coil bolt M8, Coil bolt 2 13.00, No./terminals 3


238373 Solenoid

Servicing: 111089

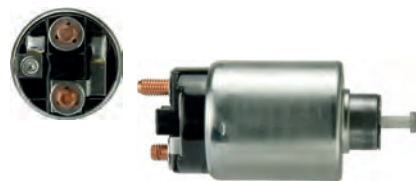
12 V, B+ M8, Kl. 50 M6-6.30, OD 52.36, OD/cover 50.55, Total length 108.54, Switch dim. 6.50, Height/B+ 13.00, Coil bolt M8, Coil bolt 2 13.00, No./terminals 3


238620 Solenoid

Servicing: 8000129, 8000321, 9000936, 9000952, 9000965, 96289430, 96450663, 96550792, 96569440, 96843574

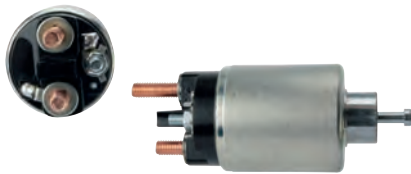
12 V, B+ M8, Kl. 50 M6, OD 52.60, OD/cover 49.90, Total length 120.75, Switch dim. 14.66, Height/B+ 14.48, Width/kl. 50 8.50, Coil bolt M8, Coil bolt 2 14.00, No./terminals 3

HC-CARGO 238620 includes 3 tapping screws.


239321 Solenoid

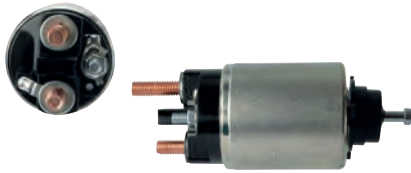
Servicing: 112816, 112847, 800264

12 V, B+ M8, Kl. 50 6.30, OD 52.55, Total length 120.40, Height/B+ 15.00, Coil bolt M8, Coil bolt 2 14.00, No./terminals 3


330380 Solenoid

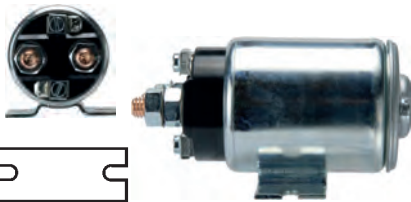
Servicing: 8000032

12 V, B+ M8, Kl. 50 M6, OD 52.56, OD/cover 46.71, Total length 132.04, Height/B+ 23.78, Width/kl. 50 10.07, Coil bolt M8, Coil bolt 2 14.41, No./terminals 3


330657 Solenoid

Servicing: 8000048, 8000387

12 V, B+ M8, Kl. 50 M6, OD 52.50, Total length 132.80, Height/B+ 17.64, Width/kl. 50 16.00, Coil bolt M8, Coil bolt 2 14.10, No./terminals 3


333153 Solenoid

Manufacturer: Bosch

Replacing: 19024761

 12 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.75, OD/cover 44.00, Total length 100.15, Height/B+ 17.75, Coil bolt M8, Coil bolt 2 17.75, Seconds 5, No./terminals 4 *Silver contact. Insulated return.*

Alternative no.: 131373, 131373Z


333781 Solenoid

Replacing: 10515838

 Servicing: 19011400, 19011402, 19011403, 8200003, 8200010, 8200014, 82000295, 8200103
 12 V, B+ M8, Kl. 50 M5, OD 58.00, OD/cover 58.00, Total length 196.40, Height/B+ 25.00, Width/kl. 50 40.00, Coil bolt M10, No./terminals 3

333782 Solenoid

Replacing: 10512093

Servicing: 19026027, 19026028, 19026029, 19026031, 19026035, 8200005, 8200007, 8200023, 8200025

12 V, B+ M12, Kl. 50 M5, OD 64.00, OD/cover 64.00, Total length 218.00, Height/B+ 35.00, Width/kl. 50 50.00, Coil bolt M12, No./terminals 3


333844 Solenoid

Servicing: 10455505

12 V, B+ M8, Kl. 50 6.30, OD 51.70, Total length 130.90, Coil bolt M8, No./terminals 3


333849 Solenoid

Replacing: 10453950

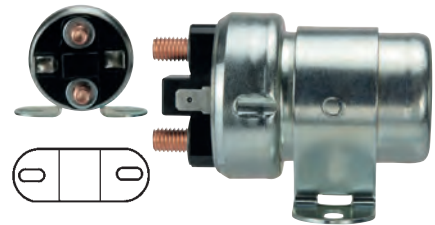
12 V, B+ M8, Kl. 50 M5, OD 58.00, OD/cover 59.00, Total length 188.50, Coil bolt M8, No./terminals 3

24 V

130492 Solenoid

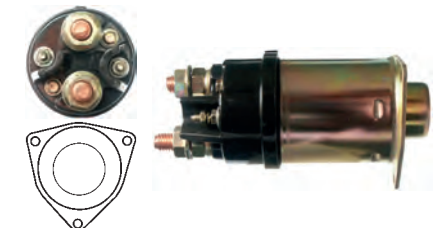
Replacing: 19024765

24 V, 50 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 40.00, Total length 85.00, Height/B+ 11.30, Width/kl. 50 10.50, Coil bolt M8, Coil bolt 2 11.30, Seconds 5, No./terminals 3


131254 Solenoid

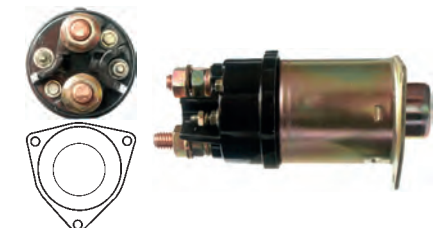
Replacing: 19024763

24 V, 50 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 39.70, Total length 86.30, Height/B+ 11.80, Width/kl. 50 9.80, Coil bolt M8, Coil bolt 2 11.80, Seconds 5, No./terminals 4


131349 Solenoid

Replacing: 1115608, 1115601, 1115595

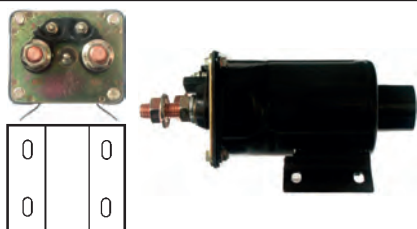
Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478820, 10478839, 10478980, 10478981

 24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 69.45, OD/cover 77.00, Total length 159.55, Coil bolt 1/2" UNC, No./terminals 4 *Insulated return. Cap: HC-CARGO 135323. Solenoid w/ plunger: HC-CARGO 233873.*

131361 Solenoid

Replacing: 1115605, 1115604, 1115594

Servicing: 37MT, 1990330, 1990331, 1990332, 1990499, 1993701, 1993702, 1993707, 1993711, 1993729, 1993732, 1993741, 1993742

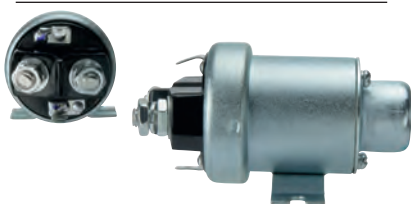
 24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/cover 33.20, OD 68.75, OD/cover 77.15, Total length 176.80, Coil bolt 1/2" UNC, No./terminals 4 *Insulated return. Cap: HC-CARGO 135323.*


131364 Solenoid

Replacing: 1119832, 1115607, 1115576, 1115559, 1115557, 1115548, 1115547, 1115544, 1115526

Servicing: 40MT, 50MT, 10461047, 10478846, 10478848, 10478850, 10478851, 10478852, 10478853, 10478855, 10478856, 10478859

24 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/cover 31.00, OD 74.40, Total length 201.75, Coil bolt 1/2" UNC, No./terminals 4
Insulated return. Cap: HC-CARGO 131368.


131372Z Solenoid

Replacing: 19024760

24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 52.01, OD/cover 50.22, Total length 102.48, Height/B+ 17.91, Coil bolt 4.00, Seconds 5, No./terminals 4
Silver contact.

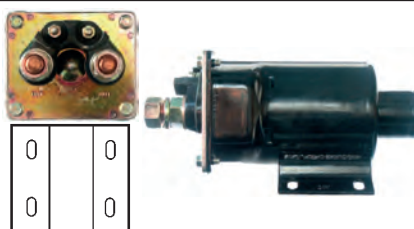
Alternative no.: 333152


132696 Solenoid

Replacing: 1119988, 1119888, 1119858, 1119855, 1115583, 1115543, 1115513, 1115512, 1114322

Servicing: 30MT, 1107607, 1108128, 1108151, 1108629, 1108652, 1108668, 1109758, 1109996, 1113135, 1113148, 1113162, 1113163

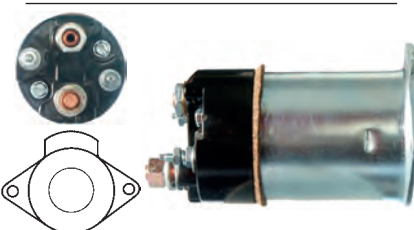
24 V, B+ 3/8" UNC, KI. 15a 8-32 UNC, KI. 50 8-32 UNC, ID/cover 32.10, OD 66.30, OD/cover 62.00, Total length 147.30, Height/B+ 12.00, Width/ki. 15a 13.50, Width/ki. 50 10.50, Coil bolt 3/8" UNC, Coil bolt 2 14.50, No./terminals 4
Insulated return. Cap: HC-CARGO 232216.


133060 Solenoid

Replacing: 1119878, 1119872, 1115564, 1115563, 1115558, 1115555, 1115517

Servicing: 40MT, 1109773, 1109831, 1109973, 1109983, 1113371, 1113372, 1113375, 1113546, 1113587, 1113953, 1113984, 1114740

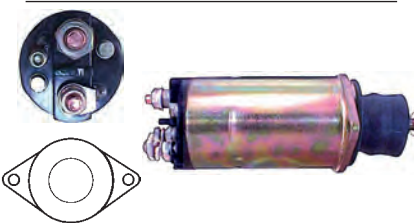
24 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, OD 75.85, Total length 201.00, Coil bolt 1/2" UNC, No./terminals 4
Cap: HC-CARGO 131368. w/ reverse terminal. Insulated return. Square silver contacts.


133814 Solenoid

Replacing: 1114373, 1114338, 1114327, 1114298, 1114293

Servicing: 22MT, 27MT, 1107555, 1107559, 1107572, 1108250, 1109140, 1113591, 1113594, 1113596, 1113600, 1998351, 1998409, 1998426

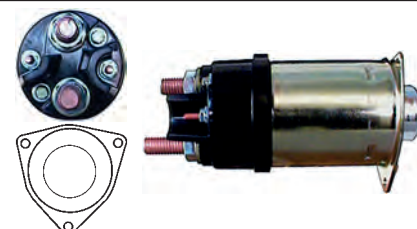
24 V, B+ M10, KI. 15a M5, KI. 50 M4, ID/cover 31.15, OD 60.85, OD/cover 62.30, Total length 121.30, Height/B+ 18.15, Width/ki. 15a 17.00, Width/ki. 50 13.30, Coil bolt M10, Coil bolt 2 6.40, No./terminals 4
Isolated bottom.


135521 Solenoid

Replacing: 10457116

Servicing: 28MT, 10479605, 10479612, 10479623, 1113277, 1113291

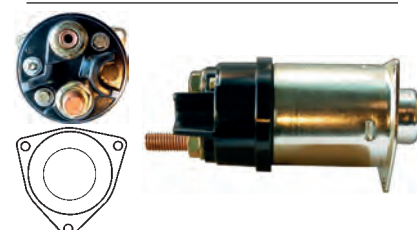
24 V, B+ M10, KI. 50 M5, OD 57.00, OD/cover 56.70, Total length 177.50, Height/B+ 14.00, Width/ki. 50 6.50, Coil bolt M8, Coil bolt 2 12.50, No./terminals 3
Cap: HC-CARGO 138898. Terminal switch: M5.


139337 Solenoid

Replacing: D903A, 1115600, 1115597

Servicing: 42MT, 10478836, 10478892, 10478893, 10478979, 1990381, 1990411, 1990414, 1990416, 1993822, 1993827, 1993996, 1993998

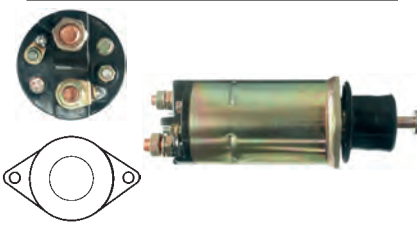
24 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/cover 31.60, OD 68.65, OD/cover 76.25, Total length 180.00, Width/ki. 15a 13.65, Width/ki. 50 13.65, Coil bolt 1/2" UNC, No./terminals 4
Insulated return. Cap: HC-CARGO 232034.


230198 Solenoid

Replacing: D931A, D915A, 1115640, 1115621, 1115619

Servicing: 37MT, 10478814, 10478817, 10478925, 1993901, 1993902, 1993903, 1993905, 1993909, 1993910, 1993911, 1993914, 1993919

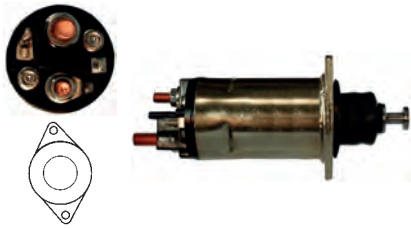
24 V, B+ 1/2" UNC, KI. 50 10-32 UNF, ID/cover 32.15, OD 68.80, OD/cover 76.20, Total length 178.55, Width/ki. 50 15.85, Coil bolt 1/2" UNC, Coil bolt 2 10.60, No./terminals 3
Cap: HC-CARGO 232026. Silver contact. Plunger: HC-CARGO 133022.


231251 Solenoid

Replacing: 10457152, 10457115

Servicing: 28MT, 10479600, 10479608, 10479616, 10479629, 1113272

24 V, B+ M10, KI. 15a M5, KI. 50 M5, OD 57.00, OD/cover 56.85, Total length 183.40, Height/B+ 16.00, Width/ki. 15a 10.00, Width/ki. 50 7.50, Coil bolt M8, Coil bolt 2 11.00, No./terminals 4
Cap: HC-CARGO 233461. Silver contact. Dummy terminal: M5. Relay terminal: M5.

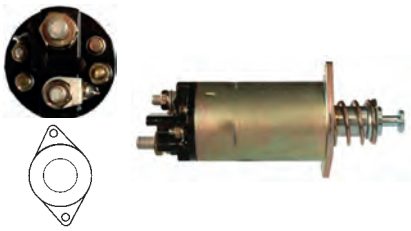


231800 Solenoid

Replacing: 10457368

Servicing: 28MT, 10461470, 10479626, DRX67095, DRX67149

24 V, B+ M10, KI. 15a M6, KI. 50 M5, OD 58.00, OD/cover 59.35, Total length 194.00, Height/B+ 28.00, Width/kl. 15a 10.00, Width/kl. 50 8.00, Coil bolt M8, Coil bolt 2 14.00, No./terminals 4
Relay terminal: M5.



231819 Solenoid

Replacing: 10457369

Servicing: 28MT, 10479627, 19024204, DRX67131

24 V, B+ M10, KI. 15a M6, KI. 50 M5, OD 57.05, OD/cover 57.20, Total length 188.80, Height/B+ 22.50, Width/kl. 15a 11.00, Width/kl. 50 9.50, Coil bolt M8, Coil bolt 2 13.50, No./terminals 4
Relay terminal: M5. Cap: HC-CARGO 232203.

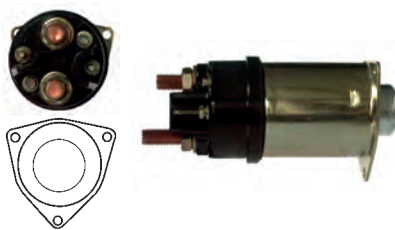


231919 Solenoid

Replacing: D921A, D916A, 1115627, 1115622

Servicing: 10478811, 10478819, 10478960, 10478976, 10479020, 1993917, 1993918, 1993920, 1993921, 1993930, 1993953, 1993954

24 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/cover 32.60, OD 68.85, OD/cover 77.40, Total length 178.00, Width/kl. 50 17.30, Coil bolt 1/2" UNC, Coil bolt 2 16.00, No./terminals 4
Dummy terminal: 10-32. Jump start sheath. Silver contacts. Cover: HC-CARGO 232027. Coil Resistance: Suction Pole = 0.635. Team Coil = 3.150.

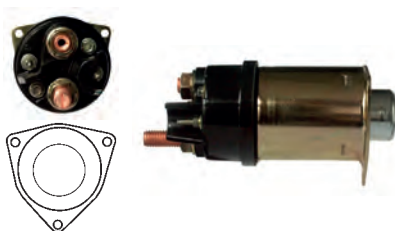


231920 Solenoid

Replacing: D919A, 1115625

Servicing: 42MT, 10478937, 10478938, 10478939, 10478940, 10478941, 10478942, 10478943, 10478944, 10478946, 10478947, 10478948

24 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/cover 32.85, OD 69.20, OD/cover 76.15, Total length 177.75, Coil bolt 1/2" UNC, No./terminals 4
Insulated return. Jump start protection cap. Silver contacts. Cap: HC-CARGO 232033.

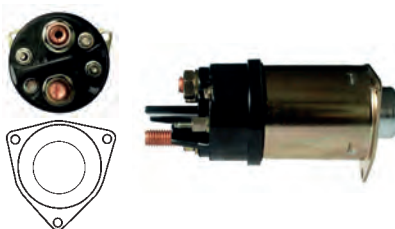


231922 Solenoid

Replacing: DR939A, D939A, 1115641

Servicing: 41MT, 10478898, 10479024, 10479043, 10479079

24 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, OD 69.00, OD/cover 76.45, Total length 178.20, Coil bolt 1/2" UNC, Coil bolt 2 10.45, No./terminals 4
Insulated return. Cap: HC-CARGO 232036.

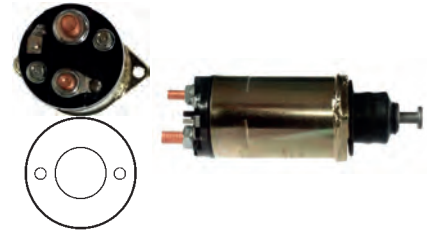


231926 Solenoid

Replacing: 1115634

Servicing: 41MT, 10478815, 10478961, 10479013, 10479172, 1993995

24 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/cover 32.30, OD 69.00, OD/cover 76.40, Total length 178.55, Coil bolt 1/2" UNC, Coil bolt 2 11.00, No./terminals 4
Cap: HC-CARGO 232039.

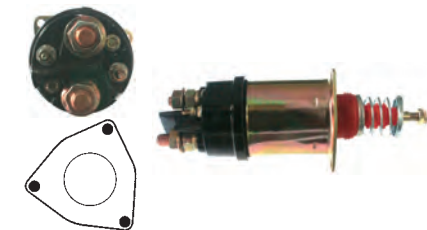


231928 Solenoid

Replacing: 10457123

Servicing: 28MT, 10479611

24 V, B+ M10, KI. 50 8-32 UNC, OD 57.90, OD/cover 57.40, Total length 182.25, Height/B+ 21.35, Width/kl. 50 7.80, Coil bolt M8, Coil bolt 2 17.90, No./terminals 3
Switch terminal: UNC 8-32.



233869 Solenoid

Replacing: 1115683, 1115663, 1115657

Servicing: 42MT, 10479009, 10479010, 10479178

24 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, OD 68.80, OD/cover 77.30, Total length 248.30, Height/B+ 25.50, Width/kl. 15a 12.00, Width/kl. 50 12.00, Coil bolt 1/2" UNC, Coil bolt 2 18.00, No./terminals 4
Insulated return. Solenoid cap: HC-CARGO 232033.



233873 Solenoid

Replacing: 1115673, 1115668, 1115667

Servicing: 42MT

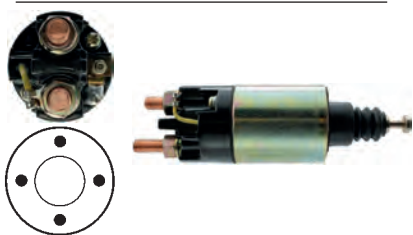
24 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, OD 68.55, OD/cover 77.25, Total length 248.00, Coil bolt 1/2" UNC, No./terminals 4
Insulated return. Cap: HC-CARGO 232196.


235758 Solenoid

Replacing: 10511409

Servicing: 10461754, 10461756, 10461758, 10461759, 19011507, 19011509, 19011511, 19011512, 19011522, 19011523, 19011524, 19011527

24 V, B+ M12, Kl. 50 M5, OD 63.95, OD/cover 63.75, Total length 217.95, Height/B+ 32.20, Coil bolt M12, Coil bolt 2 22.65, No./terminals 4


237845 Solenoid

Replacing: 10515696, 10511799

Servicing: 39MT, 19011501, 19024196

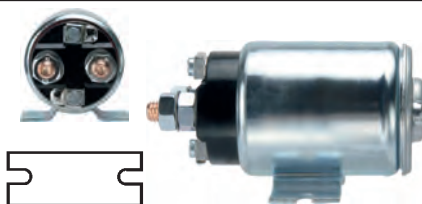
24 V, B+ M12, Kl. 50 M5, OD 64.00, OD/cover 63.50, Total length 224.65, Height/B+ 38.10, Width/Kl. 50 13.55, Coil bolt M12, Coil bolt 2 31.45, No./terminals 3


333002 Solenoid

Replacing: 10512094

Servicing: 19026030, 19026032, 8200000, 8200024, 8200072

24 V, B+ 31.23, Kl. 50 M5, OD 64.00, OD/cover 64.00, Total length 218.00, Height/B+ M12x1.75, Coil bolt M12x1.75, Coil bolt 2 23.61, No./terminals 3

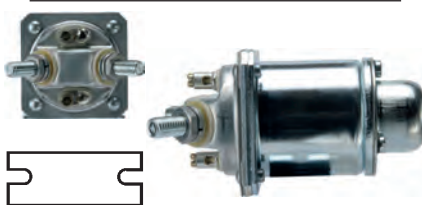

333152 ★ Solenoid

Manufacturer: Bosch

Replacing: 19024760

 24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.50, OD/cover 43.55, Total length 100.55, Height/B+ 17.85, Coil bolt M8, Coil bolt 2 17.85, Seconds 5, No./terminals 4
Silver contact. Insulated return.

Alternative no.: 131372


333156 ★ Solenoid

Manufacturer: Bosch

Replacing: 19024759

 24 V, 80 Amp, Intermittent load 500 Amp., B+ M8, OD 51.70, OD/cover 43.45, Total length 99.60, Height/B+ 17.35, Coil bolt M8, Coil bolt 2 17.35, Seconds 5, No./terminals 4
Silver contact. Insulated return.

Alternative no.: 131371


333845 Solenoid

Replacing: 10518782

24 V, B+ M10, Kl. 50 M5, OD 58.00, OD/cover 59.00, Total length 197.90, Coil bolt M8, No./terminals 3

Safety Switches

12 V


230186 Safety Switch

Replacing: 10457367, 10457366

 Servicing: 28MT, 10461470, 10479626, 10479627, 19024204, DRX67095, DRX67131, DRX67149
 24 V.

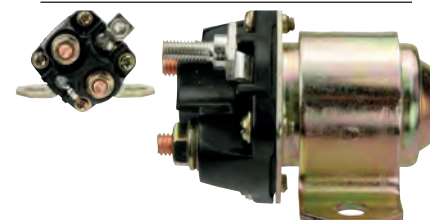
234163 Safety Switch

Replacing: 10484662

 Servicing: 28MT, 10479637
 12 V.

235444 Safety Switch

Replacing: 120483614, 10483614, 10477892, 10457565

 Servicing: 10479026, 10479027, 10479028, 10479030, 10479040, 10479041
 12 V

235699 Safety Switch

Replacing: 10511414, 10511368

Servicing: 19011506, 19011508, 19011510, 19011513, 19011514, 19011515, 19011516, 19011517, 19011518, 19011519, 19011521, 19011525

12 V, Terminals 3, Bracket w/, Diode w/o, Resistor w/o

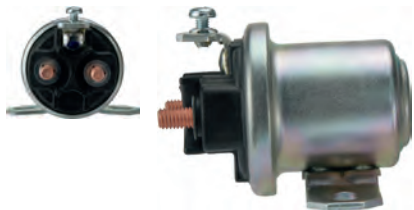


333841 Safety Switch
 Replacing: 10512096
 Servicing: 19026027, 19026028, 19026029, 19026031, 19026035, 8200005, 8200007, 8200023, 8200025, 8200075, 8200076, 8300005
 12 V, B+ M6, Kl. 50 M5, OD 48.75,
 Total length 69.65, No./terminals 3

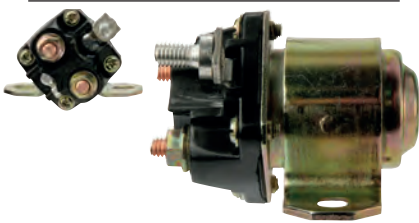


333847 Safety Switch
 Replacing: 10515872, 10515812
 Servicing: 10479646, 10479651, 8200003, 8200013, 8200103, 8200295
 12 V, Kl. 50 M6, OD 48.85,
 Total length 69.75, No./terminals 3

24 V



333840 Safety Switch
 Replacing: 1115659, 10512476
 Servicing: 10479652
 24 V, B+ M6, Kl. 50 M4, OD 48.75,
 Total length 69.50, No./terminals 3



237835 Safety Switch
 Replacing: 10514696, 10511415, 10511369
 Servicing: 19011501, 19011507, 19011509, 19011511, 19011512, 19011522, 19011523, 19011524, 19011527, 19024196, 8200009, 8200022
 24 V, Kl. 50 M6, OD 35.68,
 Total length 67.28, Width/Kl. 50 13.10

Solenoid Parts

Solenoid Caps



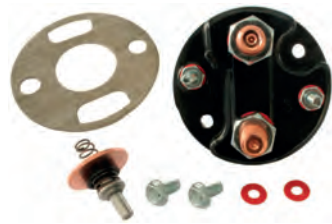
130488 Solenoid Cap
 Servicing: 141, 150, 153, 155, 162, 163, 164, 165, 168, 169, 172, 173, 174, 3471141, 3471144, 3471150, 3471153, 3471154, 3471155
 OD 54.00, No./terminals 4
 HC-CARGO 130963.



130489 Solenoid Cap
 Servicing: 152, 3471143, 3471152, 3471693, 3471696, DR902
 OD 53.80, No./terminals 4
 HC-CARGO 131119.



130497 Solenoid Cap
 Servicing: 5MT, 10MT, 20MT, 25MT, 10455301, 10455305, 10455306, 10455308, 10455603, 10496873, 10496874, 1107203, 1107237, 1107242
 OD 66.30, No./terminals 4
 HC-CARGO 130499.



130498 Solenoid Cap
 Servicing: 30MT, 1113652, 1113683, 1115540
 OD 62.00, No./terminals 4
 HC-CARGO 130500.



131057 Solenoid Cap
 Replacing: 1958218
 Servicing: 40MT
 OD 90.85, No./terminals 2
 12 V. Silver contact.



131058 Solenoid Cap
 Replacing: 1967330, 1961463, 1957789, 1953242, 1945400, 1906493, 1902610, 1901272, 1893477, 1880449, 1876849
 Servicing: 40MT, 50MT, 1113827, 1113840, 1113853, 1113923, 1113942, 1113949, 1113950, 1113959, 1113960, 1113962, 1113967, 1113969
 OD 90.80, No./terminals 2
 24 V. Silver contact.



131367 Solenoid Cap
 Replacing: 1979634
 Servicing: 40MT, 50MT, 1115556
 OD 100.30
 12 V. Squareface. Silver contact.



131368 Solenoid Cap
 Replacing: 1979498, 1979458, 1979413
 Servicing: 40MT, 50MT, 10478864, 1109290, 1113818, 1113824, 1113825, 1113827, 1113840, 1113842, 1113846, 1113849, 1113850, 1113851
 OD 98.00, No./terminals 4
 24 V. Squareface. Silver contact.



133180 Solenoid Cap
 Servicing: 177, 3471177, 3471697, DR903
 OD 56.65, No./terminals 4
 Low type: HC-CARGO 131272.



133181 Solenoid Cap
 Servicing: 3471725
 OD 54.65, No./terminals 3
 Low type: HC-CARGO 131273.



134841 Solenoid Cap
 Servicing: 28MT, 10457055, 10479613,
 10479615, 10479621, 10479627, 1113273,
 1113276, 1113281, 1113282, 19024204,
 8200138, DRX67131
 OD 56.60, No./terminals 3
 HC-CARGO 133852.



135323 Solenoid Cap
 Replacing: 1989500, 135323, 10495812
 Servicing: 37MT, 42MT, 10461024, 10461025,
 10461030, 10461031, 10461043, 10461054,
 10461068, 10478980, 10478986, 10478998
 OD 76.85, No./terminals 4
 24 V. Silver contact. HC-CARGO 131349,
 131361.

Pkg. 5



135324 Solenoid Cap
 Replacing: 1989499, 135324
 Servicing: 42MT, 1115593
 OD 76.85, No./terminals 4
 HC-CARGO 131369.



137809 Solenoid Cap
 Servicing: 5MT, 22MT, 10455006, 10455016,
 10455017, 10455019, 10455024, 10455300,
 10455301, 10455304, 10455305, 10455306,
 10455308
 OD 65.80, No./terminals 4
 HC-CARGO 131590.



137824 Solenoid Cap
 Servicing: 28MT, 10456454, 10465054,
 1113267, 1113270, 1113296
 OD 56.90, No./terminals 3
 HC-CARGO 137817.

Pkg. 5



138409 Solenoid Cap
 Servicing: PG260, 10475646, 22506694,
 8000180, 9000786, 9000835, 9000836,
 9000860, 9000889
 OD 49.70, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 138217.



138898 Solenoid Cap
 Servicing: 28MT, 10457116, 10479623,
 1113277
 OD 56.85, No./terminals 3
 HC-CARGO 132498.



139429 Solenoid Cap
 Servicing: PG100, -150, 10455010,
 10455011, 10455013, 10455025, 10455042,
 10455048, 10455050, 10455053, 10455054,
 10455070
 OD 49.35, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 132944.



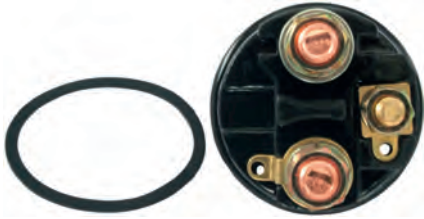
232031 Solenoid Cap
 Servicing: 42MT, 1115624, D918A
 OD 76.25, No./terminals 4
 HC-CARGO 231917.



232033 Solenoid Cap
 Servicing: 42MT, 1115625, D919A
 OD 76.40, No./terminals 4
 HC-CARGO 231920.



232034 Solenoid Cap
 Servicing: 42MT, 1115597, 1115600, D903A
 OD 76.65, No./terminals 4
 HC-CARGO 139337.



232052 Solenoid Cap
 Servicing: PG260S, 10476117, 9000794,
 9000817, 9000824
 OD 49.30, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 231929.



232203 Solenoid Cap
 Servicing: 28MT, 10457369, 10461470,
 10479626, 10479627, 1113285, 19024204,
 DRX67095, DRX67131, DRX67149
 OD 57.00, No./terminals 4
 HC-CARGO 231819.



232226 Solenoid Cap
 Replacing: 10478008
 Servicing: PG260F1, 1114583, 8000193,
 9000819, 9000820, 9000821, 9000822,
 9000850, 9000879, 9000884, 9000885,
 9000895, 9000899
 OD 49.95, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 137370.



234926 Solenoid Cap
 Servicing: 111534, 17610-Q1010
 OD 53.35, No./terminals 3

Pkg. 5



235403[#] Solenoid Cap
 Servicing: 00E091, 112161, 500340,
 CER3087
 No./terminals 3

NEW PRODUCT
www.hc-cargo.com

330381 Solenoid Cap
 Servicing: 8000032, 8000048
 OD 49.69, No./terminals 3,
 Bracket type Crimp

Moving Contacts

Pkg. 5



132322 Moving Contact
 Servicing: DR901, DR902
 Shaft measurement 36.00, Thickness 2.45
 Solenoid: HC-CARGO 130963, 131119. Silver
 plated. Long type.
 Alternative no.: B132322



132952 Moving Contact
 Replacing: 1977264, 1967335, 1954861
 Servicing: 40MT, 50MT, 10478864, 1113652,
 1113683, 1113827, 1113840, 1113853,
 1113923, 1113942, 1113949, 1113950,
 1113959, 1113960
 OD 57.00, Shaft measurement 56.00,
 Thickness 3.10
 12/24 V.

Pkg. 5



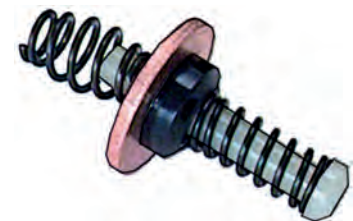
133146 Moving Contact
 Servicing: 3471697, DR725, DR903, DR904
 Length 32.00, Shaft measurement 32.00,
 Thickness 2.40, Width 16.00
 Solenoid: HC-CARGO 131272, 131273. Short
 type.

Pkg. 5



138410 Contact Plate
 Servicing: PG260, 1114583, 8000032,
 8000048, 8000129, 8000193, 9000819,
 9000821, 9000899, 96289430
 Length 31.75, Width 16.25
 Solenoid: HC-CARGO 138217.

Pkg. 5



139430[#] Moving Contact
 Servicing: PG200, -250, SD210, -260
 OD 20.50/0.807",
 Shaft measurement 26.00/1.024",
 Thickness 2.00

Pkg. 5



139836 Contact Plate
 Servicing: 28MT, 8200138, DRX67149
 Thickness 4.10, Width 32.00

Pkg. 5



232910 Moving Contact
 Replacing: 1978337
 Servicing: 5MT, 10MT, 27MT, 10455016, 10455044, 10455045, 10455046, 10455049, 10455052, 10455055, 10455058, 10455069, 10455300
 OD 31.70/1.2482, Thickness 2.50/0.098", Shaft measurement 31.50/1.240"

Pkg. 5



232911 Moving Contact
 Replacing: 1956226
 Servicing: 5MT, 8MT, 10MT, 20MT, 22MT, 27MT, 1107302, 1107306, 1107307, 1107308, 1107310, 1107311, 1107312, 1107313, 1107314
 Shaft measurement 41.00, Thickness 2.30

Pkg. 5



233396 Moving Contact
 Replacing: 1985295
 Servicing: 37MT, 41MT, 42MT
 OD 38.20, Length 53.70, Shaft measurement 44.00
Silver plated.

Pkg. 10



235404# Moving Contact
 Servicing: 00E091, 110397, 112161, 500340, CER3087
 Length 54.78, Shaft measurement 37.50, Thickness 2.38, Width 28.00

Pkg. 100



B132322 Moving Contact
 Replacing: 132322
 Shaft measurement 37.43, Thickness 2.44
 Alternative no.: 132322

Fixed Contacts

Pkg. 10



133576# Fixed Contact
 Servicing: 3471693, 3471696, DR902
 Total length 20.50, Length/rear collar 18.20, Thread length 8.55, Thread size M8

Pkg. 10



133577 Fixed Contact
 Servicing: 3471561
 Total length 28.70, Length/rear collar 23.45, Thread length 14.85, Thread size M8

Pkg. 10



133578 Fixed Contact
 Servicing: DR901
 Total length 33.50, Length/rear collar 31.20, Thread length 21.50, Thread size M8

Various



130521# Plunger
 Replacing: 1942250
 Servicing: 30MT, 35MT, 1113059, 1113089, 1113090, 1113100, 1113101, 1113111, 1113113, 1113114, 1113115, 1113119, 1113121, 1113124
 Length 127.40, Fork w/o



130522 Plunger
 Replacing: 1948522
 Servicing: 40MT, 50MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807
 OD 30.00, Length 134.30, Fork w/o



132735 Plunger
 Replacing: 1953041, 1941113, 1932200, 10470783
 Servicing: 5MT, 10MT, 20MT, 22MT, 25MT, 27MT, 10455308, 10455309, 10455310, 10455311, 10455322, 10455335, 10455343, 10455344
 OD 30.35, Length 74.00, Fork w/ Long type.



132736 Plunger

Replacing: 1987391, 1978297, 10470777, 10470764

Servicing: 5MT, 8MT, 10MT, 15MT, 20MT, 22MT, 27MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016

OD 27.85, Length 66.10, Fork w/ Short type.



133022 Plunger

Replacing: 1998139, 1988775, 1988140, 1988139

Servicing: 37MT, 41MT, 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803

OD 31.60, Length 132.25, Fork w/o



134429 Boot

Replacing: 1988776, 1985243

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10478801, 10478802, 10478803, 10478804, 10478805, 10478806, 10478809, 10478810



135462 Plunger

Replacing: 1989220, 10495984, 10473793

Servicing: PMGR SERIES, 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455050

OD 23.85, Length 76.00 w/ spring.



Pkg. 5

135643[#] Gasket

Replacing: 1979384, 10496037

Servicing: 40MT, 50MT

ID 80.00, OD 98.55, Thickness 1.40, Material Rubber



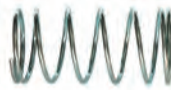
Pkg. 5

139660 Gasket

Replacing: 1952427

Servicing: 20MT, 22MT, 25MT, 27MT, 10455301, 10455304, 10455305, 10455306, 10455308, 10455310, 10455312, 10455316, 10455319

ID/mount. hole 7.75, Length 88.45, Thickness 4.00, Width 76.55, Material Rubber



232986 Spring

Replacing: 1948521

Servicing: 30-50MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800

OD 35.70, Length 75.35

Drives



130465 Drive

Replacing: DR2003, DR2000, 3471912, 3471490

Servicing: 141, 150, 152, 153, 155, 162, 163, 164, 165, 168, 169, 172, 173, 174, 176, 177, 3471141, 3471143, 3471144, 3471150

ID 12.00, OD 25.80, OD/housing 45.35, Total length 65.50, Splines A 12, No./teeth 9, Rotation CR



130536 Drive

Replacing: C2001, 3874045

ID 12.00, OD 33.10, OD/housing 46.10, Total length 75.20, Splines A 6, No./teeth 10, Rotation CR



130537 Drive

Replacing: D2051, D2049, D2020, D2014, D2008, 1974352, 1965923, 1965723, 1965538, 1954843, 1954842, 1946229

Servicing: 10MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455315, 10455335

ID 12.00, OD 25.20, OD/housing 46.15, Total length 81.00, Splines A 3, No./teeth 9, Rotation CR



130538 Drive

Replacing: D2042, D2025, D2024, 1977355, 1975046, 1971707, 1968355, 1966931, 1964127, 1950058, 1942950

Servicing: 30MT, 10455316, 10455326, 10455331, 10455334, 10455337, 10478830, 1107214, 1107234, 1107249, 1107290, 1107291, 1107300

ID 14.30, OD 39.85, OD/housing 60.00, Total length 96.15, Splines A 3, No./teeth 10, Rotation CR


130539 Drive

Replacing: 830620, 800066, 1976884, 1967779, 1960370, 1955777, 1952083, 1945487, 1935487, 1894211

Servicing: 40MT, 42MT, 50MT, 10461024, 10461030, 10461041, 10461043, 10461045, 10461047, 10461048, 10461054, 10461068, 10478800

ID 15.90, OD 56.50, OD/housing 58.00, Total length 120.40, Splines A 19, No./teeth 11, Rotation CR
Bronze.

Alternative no.: 130539Z


130539Z Drive

Replacing: 830620, 800066, 1976884, 1967779, 1960370, 1955777, 1945487, 1935487, 1894211

ID 15.90, OD 56.50, OD/housing 58.25, Total length 120.40, Splines A 19, No./teeth 11, Rotation CR

Alternative no.: 130539


130540 Drive

Replacing: D2107, D2043, D2026, D2017, 1965358, 1951180, 1940138, 1940134, 1934488, 1932890, 1932308, 1877354

Servicing: 35MT, 1107251, 1107343, 1107344, 1107510, 1107527, 1107534, 1107538, 1107548, 1107553, 1107567, 1107581, 1107587

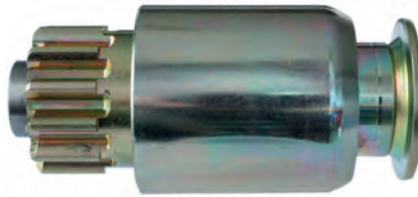
ID 14.02, OD 46.15, OD/housing 60.00, Total length 96.00, Splines A 3, No./teeth 12, Rotation CR


130542 Drive

Replacing: 800077, 1979835, 1977013, 1967952, 1894221

Servicing: 30MT, 50MT, 10478862, 1109494, 1109497, 1109632, 1109757, 1109779, 1109792, 1109849, 1990232, 1990240, 1990247, 1993781

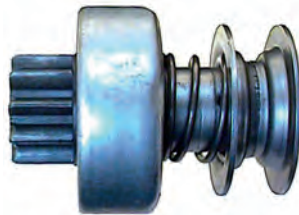
ID 16.00, OD 46.00, OD/housing 58.00, Total length 169.00, Splines A 19, No./teeth 12, Rotation CR
Bronze.


131056 Drive

Replacing: 852961, 851073, 800068, 1977005, 1970711, 1965514, 1948606, 1946957, 1946945, 1936647, 1894213

Servicing: 40MT, 42MT, 50MT, 10461025, 10461031, 10461046, 10461060, 10461061, 10478803, 10478804, 10478860, 10478864, 10478869

ID 15.90, OD 46.20, OD/housing 57.65, Total length 120.40, Splines A 19, No./teeth 12, Rotation CR


131429 Drive

Replacing: D2035, D2027, 1985564, 1975194, 1893445, 1893443

Servicing: 25MT, 1109212, 1109213, 1109214, 1109215, 1109216, 1109218, 1109219, 1109495, 1109563, 1113484, 1113589, 1113590

ID 14.30, OD 32.00, OD/housing 60.00, Total length 80.80, Splines A 3, No./teeth 10, Rotation CR


131481 Drive

Replacing: 1987211, 1985262

Servicing: 37MT, 10461169, 10478805, 10478811, 10478825, 10478826, 10478927, 10478949, 10478960, 10479014, 10479034, 1990310

ID 14.35, OD 46.35, OD/housing 60.00, Total length 99.55, Splines A 3, No./teeth 12, Rotation CR


131766 Drive

Replacing: 1932605, 1932545, 1932526, 1928998, 1921998, 1914341

Servicing: 40MT, 1108987, 1109158, 1109169, 1109170, 1109172, 1109178, 1109184, 1109229, 1109230, 1109233, 1109235, 1109236

ID 19.00 (3/4"), OD 46.30, OD/housing 58.00, Total length 120.40/4.740", Splines A 19, No./teeth 12, Rotation CR
Bronze.


131767 Drive

Replacing: 830622, 1946089, 1846089

Servicing: 40MT, 50MT, 1113385, 1113408, 1113445, 1113474, 1113533, 1113693, 1114195

ID 15.90 (5/8"), OD 38.80, OD/housing 58.00, Total length 120.40, Splines A 19, No./teeth 10, Rotation CR



131768 Drive

Replacing: D2021, 1985129, 1932031, 1918079

Servicing: 40MT, 1108894, 1108895, 1109234, 1109237, 1109248, 1109823, 1109874, 1109891, 1113606, 1113612, 1113619, 1113741

ID 19.00 (3/4"), OD 56.50, OD/housing 58.00, Total length 120.40/4.740", Splines A 19, No./teeth 11, Rotation CR



131769 Drive

Replacing: D2036, D2009, D2005, 800026, 1952410, 1947680, 1946220, 1941589, 1935992, 1930802, 1929402, 1921999

Servicing: 30MT, 10455304, 10455317, 10455321, 10455324, 10455325, 10455328, 10455332, 10455333, 10455340, 10455341, 10455355

ID 14.30, OD 29.30, OD/housing 60.10, Total length 95.20, Splines A 3, No./teeth 9, Rotation CR

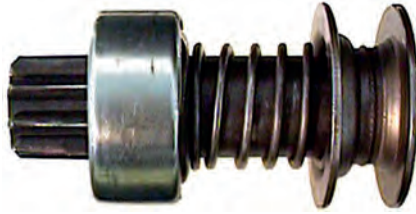


131770 Drive

Replacing: 800069, 1977006, 1971167, 1947920, 1894214, 1893562

Servicing: 40MT, 10461059, 10478820, 10478985, 1113830, 1113852, 1113871, 1113873, 1113941, 1113988, 1114052, 1114077, 1114094

ID 15.90, OD 49.20/1.937", OD/housing 58.00, Total length 120.40/4.740", Splines A 19, No./teeth 13, Rotation CR



132694 Drive

Replacing: D2029, D2006, D2002, 1974396, 1971979, 1946221, 1931585, 1927200, 1828396

Servicing: 8MT, 1107608, 1107621, 1107622, 1107623, 1107626, 1107627, 1107629, 1107631, 1107632, 1107633, 1107634, 1107635

ID 12.00, OD 25.00, OD/housing 46.60, Total length 96.00, Splines A 3, No./teeth 9, Rotation CR

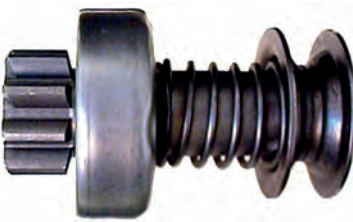


132695 Drive

Replacing: D2052, D2040, D2032, 1984511, 10498407, 10471539

Servicing: 5MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019

ID 12.00, OD 25.00, OD/housing 43.35, Total length 69.15, Splines A 3, No./teeth 9, Rotation CR



132699 Drive

Replacing: 1951788, 1950001, 1877348

Servicing: 10MT, 10455319, 10455336, 10455338, 1107179, 1107386, 1107782, 1109424, 1109426, 1113155, 1998298, 1998299, 1998301

ID 14.30, OD 36.70/1.444", OD/housing 59.80, Total length 96.00/3.780", Splines A 6, No./teeth 9, Rotation ACR



132731 Drive

Replacing: 830621, 800067, 1977004, 1970527, 1945879, 1894212

Servicing: 40MT, 42MT, 50MT, 10478836, 10478851, 10478854, 10478857, 10478872, 10478874, 10478875, 10478892, 10478978, 10478979

ID 15.75, OD 56.30, OD/housing 58.00, Total length 120.70, Splines A 19, No./teeth 11, Rotation ACR Bronze.



132732 Drive

Replacing: 1932604

Servicing: 40MT, 50MT, 1109179, 1109185

ID 19.00, OD 46.20/1.819", OD/housing 46.00, Total length 118.00/4.646", Splines A 19, No./teeth 12, Rotation ACR Bronze.



132943 Drive

Replacing: D2048, 10498527, 10469173

Servicing: PMGR SERIES, 9000719, 9000735, 9000762, 9000763, 9000768, 9000773, 9000775, 9000776, 9000789, 9000796, 9000797

ID 12.00, OD 25.20, OD/housing 43.25, Total length 68.10, Splines A 6, No./teeth 9, Rotation CR


133507 Drive

Replacing: 1987152, 1986244

Servicing: 37MT, 10478806, 10478814, 10478819, 10478890, 10478921, 10478928, 10478929, 10478930, 10478953, 10478957, 10478962

ID 14.35, OD 39.50/1.555", OD/housing 60.00, Total length 99.00/3.898", Splines A 3, No./teeth 10, Rotation CR


133545 Drive

Replacing: D2037, 1971706, 1970376, 1968131, 1947912, 1877345, 10497522, 10479522

Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 10455322, 10455329, 10455500, 1107573, 1107577, 1107586, 1107588, 1107589, 1107599

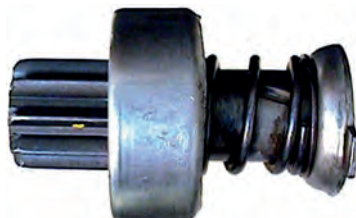
ID 14.24, OD 31.50, OD/housing 59.75, Total length 96.95, Splines A 3, No./teeth 10, Rotation CR


133854 Drive

Replacing: D2053, 10457167, 10457056, 10456455

Servicing: 28MT, 10465054, 10479604, 10479614, 10479615, 10479617, 10479618, 10479621, 10479628, 10479634, 1113267, 1113269

ID 14.00, OD 32.00, OD/housing 60.00, Total length 85.00, Splines A 12, No./teeth 10, Rotation CR w/ rubber seal.


133864 Drive

Replacing: A2000, 1938065, 1916775, 1838065

ID 12.00, OD 25.80, OD/housing 46.20, Total length 77.00, Splines A 12, No./teeth 9, Rotation CR


133975 Drive

Replacing: D2054, 10457579, 10457057

Servicing: 28MT, 10479607, 1113274, 1113275, 1113278, 1113281, 1113282, 1113284, 1113285, 1113288, 1113289, 1113290, 1113297

ID 14.00, OD 40.00, OD/housing 60.00, Total length 85.00, Splines A 12, No./teeth 10, Rotation CR w/ rubber seal.


133976 Drive

Replacing: D2055, 10457168, 10457058

Servicing: 28MT, 10479606, 10479613, 1113273, 1113279, 1113280

ID 14.00, OD 46.30, OD/housing 60.00, Total length 85.35, Splines A 12, No./teeth 12, Rotation CR w/ rubber seal.


134837 Drive

Replacing: 10457279, 10457059

Servicing: 28MT, 10479620, 10479648, 1113286

ID 14.00, OD 34.00/1.339", OD/housing 60.00, Total length 85.85, Splines A 12, No./teeth 9, Rotation CR w/ rubber seal.


135063 Drive

Replacing: D2057, D2050, 10477566, 10473700, 10468675

Servicing: SD210, SD260, 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455050

ID 12.00, OD 25.30, OD/housing 43.85, Total length 68.75, Splines A 3, No./teeth 9, Rotation CR

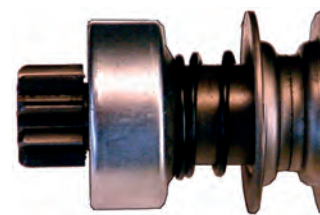
Alternative no.: 135063Z


135816 Drive

Replacing: D2047, 1989214

Servicing: PG260, 9000719

ID 12.00, OD 25.20, OD/housing 43.40, Total length 68.25/2.677", Splines A 3, No./teeth 9, Rotation CR


136318 Drive

Replacing: D2028, 1974355, 1932188

Servicing: 10MT, 1107208, 1107223, 1107270, 1107272, 1107279, 1107297, 1107354, 1107389, 1107397, 1107398, 1107641, 1107652

ID 12.00, OD 25.40, OD/housing 46.40, Total length 75.50, Splines A 3, No./teeth 9, Rotation CR


136342 Drive

Replacing: 10497257, 10472809

Servicing: PG100, -150, 09000756, 21020892, 21020893, 21021366, 21021648, 9000700, 9000751, 9000758, 9000772, 9000785, 9000791

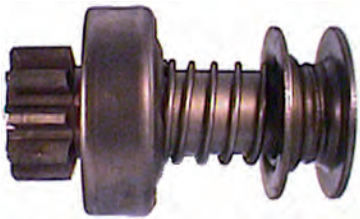
ID 12.00, OD 25.25, OD/housing 43.50, Total length 63.40, Splines A 6, No./teeth 9, Rotation CR



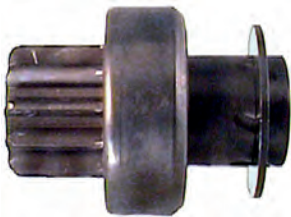
137733 Drive
 Replacing: 186798
 ID 12.00, OD 27.75, OD/housing 46.35,
 Total length 51.70, Splines A 10,
 No./teeth 10, Rotation CR



137760 Drive
 Replacing: 10457121
 Servicing: 28MT, 10479611, 10479616,
 10479623, 1113272, 1113277, 1113291
 ID 14.00, OD 32.00/1.260", OD/housing 60.00,
 Total length 85.45/3.386", Splines A 12,
 No./teeth 10, Rotation CR
 w/ rubber seal.



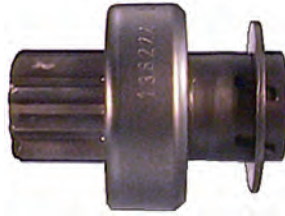
138128 Drive
 Replacing: 800965, 1948877, 1947542,
 1933838, 1877350, 10499852
 Servicing: 10MT, 10455320, 10455323,
 10455339, 1107341, 1107390, 1107532, 1107544,
 1107779, 1107873, 1108336, 1108475, 1108659
 ID 14.30, OD 40.00, OD/housing 60.00,
 Total length 96.25, Splines A 3,
 No./teeth 10, Rotation ACR



138216 Drive
 Replacing: 10475616
 Servicing: PG260, 10465293, 8000193,
 8000321, 9000786, 9000798, 9000806, 9000819,
 9000820, 9000821, 9000822, 9000834, 9000835
 ID 12.00, OD 29.70, OD/housing 46.30,
 Total length 61.55, Splines A 6,
 No./teeth 11, Rotation CR
 Alternative no.: 138216Z



138216Z Drive
 Replacing: 10475616
 ID 12.00, OD 29.70, OD/housing 45.90,
 Total length 61.75, Splines A 6,
 No./teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 138216



138222 Drive
 Replacing: 10476642
 Servicing: PG260, 9000805, 9000812
 ID 12.00, OD 25.15, OD/housing 46.15,
 Total length 61.70, Splines A 6,
 No./teeth 9, Rotation CR



230073 Drive
 Replacing: 10475974
 Servicing: PG105S, 09000794, 09000801,
 10455506, 21020761, 9000795, 9000817, 9000824,
 9000833, 9000837, 9000839, 9000840, 9000847
 ID 12.00, OD 25.25/1.016", OD/housing 43.25,
 Total length 45.25/1.772", Splines A 6,
 No./teeth 9, Rotation CR



230911 Drive
 Replacing: 10472565
 Servicing: 41MT, 10478812, 10478815, 10478817,
 10478818, 10478925, 10478926, 10478961,
 10478999, 10479013, 10479060, 10479061
 ID 15.90, OD 46.30/1.823", OD/housing 58.00,
 Total length 102.00/4.016", Splines A 19,
 No./teeth 12, Rotation CR
 Bronze.
 Alternative no.: 230911Z



230911Z Drive
 Replacing: 10472565
 ID 15.90, OD 46.10, OD/housing 58.10,
 Total length 102.15, Splines A 19,
 No./teeth 12, Drive type Bronze,
 Rotation CR
 Alternative no.: 230911



231789 Drive
 Servicing: 10455503, 111089, 112847,
 113136, 8000174, 800264, 96275481,
 96289430, 96569440
 ID 12.00, OD 28.35, OD/housing 43.15,
 Total length 45.30, Splines A 6,
 No./teeth 8, Rotation CR
 Alternative no.: 231789Z



231789Z Drive
 ID 12.00, OD 28.10, OD/housing 43.20,
 Total length 45.65, Splines A 6,
 No./teeth 8, Drive type Steel,
 Rotation CR
 Alternative no.: 231789



231965 Drive
 Replacing: 10457122
 Servicing: 28MT, 10479605, 10479608,
 10479612
 ID 14.00, OD 40.00/1.575",
 OD/housing 60.00,
 Total length 86.00/3.386", Splines A 12,
 No./teeth 10, Rotation CR



231966 Drive
 Replacing: 10492409
 Servicing: PG260F2, 22506694, 9000836, 9000841, 9000842, 9000854, 9000857, 9000858, 9000871, 9000872, 9000879, 9000880, 9000882
 ID 12.00, OD 29.55, OD/housing 46.00, Total length 47.50/1.850", Splines A 6, No./teeth 11, Rotation CR



231967 Drive
 Replacing: D2059, 10487934, 10487536
 Servicing: SD205, -255, 10455064, 10455065, 10455066, 10455067, 10455069, 10455072, 10455073, 10455074, 10455080, 10455081
 ID 12.00, OD 25.00, OD/housing 43.35, Total length 73.00, Splines A 3, No./teeth 9, Rotation CR



231968 Drive
 Replacing: 10476528
 Servicing: 41MT, 10478897, 10478898, 10479023, 10479024, 10479043, 10479165
 ID 16.00, OD 56.25, Total length 102.25, Splines A 19, No./teeth 11, Rotation CR
 Bronze.



231970 Drive
 Replacing: 800074, 1977011, 1971277, 1953151, 1894219, 1894218, 1893561
 Servicing: 40MT, 42MT, 1113177, 1113477, 1113881, 1113888, 1113936, 1113961, 1113963, 1114123, 1114155, 1114177, 1114716, 1114721
 ID 15.90 (5/8"), OD 46.00/1.831", Total length 120.50/4.724", Splines A 19, No./teeth 12, Rotation ACR



232053 Drive
 Servicing: 30MT
 ID 14.30, OD 39.80, OD/housing 60.00, Total length 96.30, Splines A 3, No./teeth 10, Rotation CR



233173 Drive
 Replacing: 1974655, 1974641, 1943600, 1937554
 Servicing: 10MT, SD300, 10455602, 1107250, 1107271, 1107285, 1107333, 1107610, 1107611, 1107672, 1107723, 1107742, 1107763
 ID 12.00, OD 25.35/1.016", OD/housing 46.40, Total length 93.85/3.660", Splines A 3, No./teeth 9, Rotation ACR



233387 Drive
 Replacing: 10457362
 Servicing: 28MT, 10461470, 10479626, 10479627, 19024204, DRX67095, DRX67131, DRX67149
 ID 14.00, OD 35.50, OD/housing 60.00, Total length 85.50, Splines A 12, No./teeth 9, Rotation CR



233532 Drive
 Replacing: 1954963, 1949429
 Servicing: 10MT, 10455318, 1107209, 1107218, 1107334, 1108289, 1108505, 1109098, 1998274
 ID 14.40, OD 30.00, OD/housing 60.00, Total length 97.00, Splines A 3, No./teeth 9, Rotation CR
 10 holes.



235050 Drive
 Servicing: 110566, 111534, 17610-Q1010
 ID 11.91, OD 35.62, OD/housing 48.82, Total length 48.50, Splines B 6, No./teeth 9



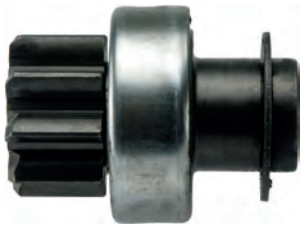
235146 Drive
 Servicing: 00E091, 112161, 500340, CER3087
 ID 12.00, OD 45.75, OD/housing 48.65, Total length 50.60, Splines A 6, No./teeth 13, Rotation CR



235193 Drive
 ID 11.00, OD 29.60, OD/housing 43.65, Total length 53.75, Splines A 5, No./teeth 11, Rotation CR



238626 Drive
 Servicing: 12564089, 8000048, 8000180, 8000387, 9000856, 9000902, 9000934, 9000967, 96430345, 96450663, 96550792
 ID 12.00, OD 25.00, OD/housing 46.45, Total length 47.25, Splines A 6, No./teeth 9, Rotation CR



330382 Drive
 Servicing: 8000032
 ID 12.05, OD 36.00, OD/housing 47.00,
 Total length 61.40, Splines A 12,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: F032330382



333444 Drive
 Servicing: 10455513, 10455516, 8000153
 ID 12.00, OD 32.00, OD/housing 43.30,
 Total length 65.00, Splines A 12,
 No./teeth 10, Drive type Steel, Rotation ACR



333745 Drive
 Replacing: 8000300
 Servicing: 8000169, 8000340
 ID 12.00, OD 28.00, OD/housing 46.00,
 Total length 48.40, Splines A 6,
 No./teeth 8, Drive type Steel, Rotation CR



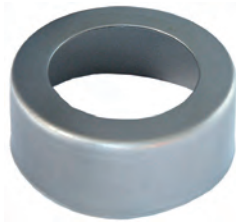
333938 Drive
 Replacing: 89017523, 10521484, 10501804,
 10452348
 ID 12.00, OD 25.40, OD/housing 46.00,
 Total length 47.40, Splines A 6,
 No./teeth 9, Drive type Steel, Rotation CR



333939 Drive
 Replacing: 10500475
 ID 12.00, OD 28.80, OD/housing 45.90,
 Total length 47.00, Splines A 6,
 No./teeth 9, Drive type Steel, Rotation CR

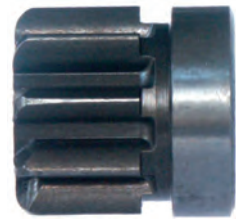
Drive Parts

Caps



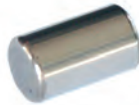
134252 Dp Cap
 ID 41.66, OD 43.00

Gears



134235 Dp Gear
 ID 12.00, OD 25.20, Height 26.90,
 No./teeth 9

Rollers



134240 Dp Rollers
 OD 7.50, Length 12.75



134242 Dp Rollers
 OD 4.50, Length 7.45



231879 Dp Rollers
 OD 5.20, Length 8.90



332667 Roller
 Servicing: 8000396
 OD 5.35, Length 11.10



139835 Dp Springs
 Length 21.35

Pinion



235678 Pinion
 Replacing: 10511838, 10511406
 Servicing: 10461757, 10461758, 10461759,
 10461760, 19011510, 19011511, 19011512,
 19011515, 19011517, 19011524, 19011526,
 8200027
 ID 16.60, OD 45.91, Height 26.00,
 No./splines 23, No./teeth 12

Pkg. 500

Pkg. 10

Pkg. 20

Pkg. 100

Pkg. 10

Pkg. 100

Pkg. 1000

Planet Gears

238614 Planet Gear

Servicing: 12564089, 8000048, 8000180, 8000387, 9000856, 9000902, 9000934, 9000967, 96550792

Total length 111.20, No./splines 12

Gear Parts
Gear Shafts

230559 Gear Shaft

Replacing: 10457032

Servicing: 28MT, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479612, 10479613, 10479614, 10479615, 10479616

OD/shaft 13.90,

Total length 172.00/6.772", No./splines 12


232990 Gear Shaft

Replacing: 10475626

Servicing: PG260M, 9000786, 9000798, 9000804, 9000805, 9000806, 9000812, 9000820, 9000822, 9000827, 9000834, 9000835, 9000844

OD/shaft 22.20,

Total length 165.00/6.50", No./splines 12


233757 Gear Shaft

Replacing: 10457357

Servicing: 28MT, 10461470, 10479626, 10479627, 19024204, DRX67095, DRX67131, DRX67149

Total length 176.00/6.693", No./splines 12


235738 Gear Shaft

Replacing: 10511722

Servicing: 19011512, 19011514, 19011516, 19011517, 19011518, 19011521, 19011522, 19011523, 19011524, 19011530, 19011531, 19026027

OD/shaft 12.96, Total length 133.20, No./splines 12

Outer Gear

135465 Outer Gear

Servicing: PG100

ID 46.73, OD 69.00, Height 27.35, No./teeth 64

Pkg. 5


138213 Outer Gear

Replacing: 10475632

Servicing: PG260, 9000786, 9000798, 9000805, 9000806, 9000812, 9000820, 9000822, 9000834

ID 46.25, OD 66.57, Height 34.84, No./teeth 48

Pkg. 5


232360 Outer Gear

Replacing: 10450720

Servicing: PG260F2, 22506694, 8000396, 9000836, 9000884

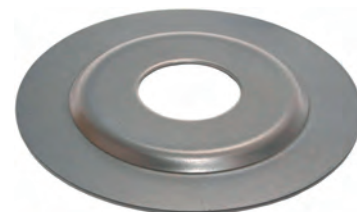
ID 49.60, OD 61.45, Height 29.50, No./teeth 43


235737 Outer Gear

Servicing: 19011512, 19011514, 19011515, 19011516, 19011517, 19011518, 19011521, 19011522, 19011523, 19011524, 19011530, 19011531

ID 76.74, OD 94.14, Height 35.89, No./teeth 48

Needle bearing: HC-CARGO 141269.

Gear Covers

230394 Gear Cover

Replacing: 10476004

Servicing: PG260F1, 09000794, 09000801, 10455506, 9000817, 9000824

ID 20.00, OD 68.90, Height 1.00

Pkg. 5


235739# Gear Cover

Servicing: 19011512, 19011514, 19011515, 19011516, 19011517, 19011518, 19011521, 19011522, 19011523, 19011524, 19011531, 8200037

ID 35.45, OD 108.87

Gear Wheels

Pkg. 3


232926 Gear Wheel

Replacing: 10475979

Servicing: PG260F1, 09000794, 09000801, 10455506, 9000817, 9000824

ID 6.00, OD 18.60, Height 10.40, No./teeth 17

Pkg. 3



232989 Gear Wheel

Replacing: 10475578
 Servicing: PG260M, 9000786, 9000798, 9000804, 9000805, 9000806, 9000812, 9000820, 9000822, 9000827, 9000834, 9000835, 9000844
 ID 6.00, OD 19.35, Height 11.00, No./teeth 18
 Bushing: HC-CARGO 140939.

Pkg. 3



233016 Gear Wheel

Replacing: PG260F2, 22506694, 8000396, 9000836, 9000841, 9000854, 9000857, 9000858, 9000884
 ID 6.00, OD 20.55, Height 11.45, No./teeth 16
 Bushing: HC-CARGO 140939.

Pkg. 10



235687 Gear Wheel

Replacing: 10511731
 Servicing: 38MT, 39MT
 ID 9.10, OD 24.00, Height 13.00, No./teeth 14

Levers



130530 Lever

Replacing: 1945484
 Servicing: 40MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807, 10478808
 Dist. 37.00, ID 13.00, Length 124.70
 Pin kit: HC-CARGO 230362.



130844 Lever Kit

Replacing: DR1901
 Servicing: 3471141, 3471143, 3471144, 3471150
 Dist. 35.30, ID 6.30, Length 83.40



131353 Lever

Replacing: 1988097
 Servicing: 41MT, 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803
 Dist. 36.60, ID 12.90, Length 121.35
 Pin kit: HC-CARGO 230362.



131358 Lever

Replacing: 1985237
 Servicing: 37MT, 10461169, 10478805, 10478806, 10478811, 10478814, 10478819, 10478825, 10478826, 10478890, 10478897, 10478953
 Dist. 42.70, ID 12.60, Length 121.60
 Pin kit: HC-CARGO 230362.



131408 Lever

Replacing: D4908, 1951567, 1932205
 Servicing: 25MT, 10455304, 10455306, 10455309, 10455310, 10455311, 10455312, 10455314, 10455315, 10455316, 10455317, 10455318
 Dist. 38.75, ID 8.15, Length 103.90



132678 Lever

Replacing: 801433
 Servicing: 10MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455343, 10455603, 10455604, 10496873, 10496874, 1107242
 Dist. 38.30, ID 8.25, Length 103.30



132681 Lever

Replacing: 1984501
 Servicing: 5MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019
 Dist. 36.65, ID 7.95, Length 96.50
 Short type.

Pkg. 10



133182 Lever

Servicing: 141, 150, 152, 153, 162, 164, 165, 168, 172, 176, 3471141, 3471143, 3471144, 3471150, 3471152, 3471153, 3471154
 Dist. 36.00, ID 6.20, Length 83.15
 As HC-CARGO 130844. w/o bolt. Bolt: HC-CARGO 134909.



134839 Lever

Replacing: 10456464
 Servicing: 28MT, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613, 10479614
 Dist. 36.65, ID 6.00, Length 102.35


135204 Lever

Replacing: 10473701

Servicing: SD210, SD260, 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455050

Dist. 42.45, Length 95.30


138214 Lever

Replacing: 10476604

Servicing: PG260, 8000032, 8000193, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822

Dist. 26.20, Length 78.65

Support: HC-CARGO 138215.


232826 Lever

Servicing: PG260F2, 22506694, 8000129, 9000836, 9000873, 9000879, 9000881, 9000884, 9000885, 9000889, 9000895, 96450663, 96843574

Dist. 26.80, Length 80.45

Plug: HC-CARGO 232996. Pivot pad: HC-CARGO 610222.


233756 Lever

Replacing: 10457361

Servicing: 28MT, 10461470, 10479626, 10479627, 19024204, DRX67095, DRX67131, DRX67149

Dist. 57.10, ID 50.45, Length 114.25



Pkg. 5

235040 Lever

Servicing: 10455503, 96275481

Dist. 24.00, Length 81.60


235734 Lever

Replacing: 10511817

Dist. 35.00, ID 8.30, Length 110.00

Lever Parts
Various

Pkg. 10


134777 Spacer for Lever

Servicing: 141, 150, 155, 163, 168, 169, 172, 173, 174, 176, 177, 3471141, 3471144, 3471150, 3471155, 3471163, 3471168, 3471169

ID 3.90, OD 8.00, Height 12.00

Lever: HC-CARGO 130844, 133182.


138215 Lever Support

Replacing: 10475639

Servicing: PG260, 8000032, 8000193, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822

ID 7.40, Length 29.85

Lever: HC-CARGO 138214.



Pkg. 10

230010 Lever Pin

Replacing: 1987079, 1987049, 1980864, 1894321

Servicing: 10MT, 15MT/GR, 20MT, 22MT, 25MT, 27MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016

ID 2.90, OD 5.00, Length 25.70

Pkg. 10


230108 Lever Pin

Replacing: 1945804

Servicing: 10MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019

OD 7.85, Length 40.80


230362 Lever Pin Kit

Replacing: 9415235

Servicing: 30MT, 35MT, 10478864, 1109220, 1109221, 1109222, 1109224, 1109274, 1109275, 1109276, 1109277, 1109278, 1109279, 1109280

OD 12.70, Length 58.00

Pkg. 5


230513 Lever Stud

Replacing: 1948529, 1945472

Servicing: 37MT, 40MT, 41MT, 42MT, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047

OD 12.65, Length 58.45



Pkg. 5

232827 Lever Stud

Replacing: 1932197
 Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, SD300, 10455304, 10455309, 10455310, 10455311, 10455312, 10455314, 10455315, 10455316
 OD 7.80, Length 51.70



Pkg. 10

233692# Screw

Servicing: 28MT
 Thread M6, Total length 55.80,
 Thread length 15.00



Pkg. 10

235735 Lever Support

Replacing: 10512004
 ID 8.28, Length 37.67

Clutches



234719 Clutch

Servicing: 10455703, 10455709
 Total length 56.50



235715 Clutch

OD 73.19, Total length 144.15,
 No./splines 23



236079 Clutch

OD 70.00, Total length 144.00,
 No./splines 10, Rotation CR



236110 Clutch

Replacing: 10511410
 Servicing: 10461334, 10461753, 10461777, 19011506, 19011507, 19011508, 19011509, 19011510, 19011511, 19011512, 19011513, 19011514
 OD 94.00, Total length 183.70,
 No./splines 12, Rotation CR

Brush Gears



130520 Brush Gear

Replacing: 1948515, 1945517
 Servicing: 40MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1113818, 1113820, 1113824
 12/24 V, OD 107.00
 Brush set: HC-CARGO RX698, RX708.



130523 Brush Gear

Replacing: 1967354, 1945849
 Servicing: 50MT, 10478827, 10478828, 10478829, 10478919, 1109220, 1109221, 1109222, 1109224, 1109274, 1109275, 1109276, 1109277
 OD 117.90
 Brush set: HC-CARGO RX9212.



131346 Brush Gear

Replacing: 1979494, 1979387
 Servicing: 40MT 400/450, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1114802, 1114805, 1114807
 OD 106.45
 Brush set: HC-CARGO RX122H4, RX1224.



131352 Brush Gear

Replacing: 1988439, 1988122, 1988121
 Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478809, 10478810, 10478820, 10478824
 OD 127.20
 Brush set: HC-CARGO RX1344, RX134h4. Insulated.



131362 Brush Gear

Replacing: 1988323, 1987172, 1985323, 1985303
 Servicing: 37MT, 1990308, 1990309, 1990310, 1990311, 1990312, 1990313, 1990315, 1990316, 1990317, 1990318, 1990319, 1990320
 12/24 V, OD 126.75
 Brush set: HC-CARGO RX1354, RX135H4.


131482 Brush Gear

Replacing: 1985065, 1984974, 1981974
 Servicing: 50MT 400, 10478807, 10478808, 10478813, 10478843, 10478844, 10478845, 10478846, 10478848, 10478849, 10478850, 10478851
 OD 117.20
 Brush set: HC-CARGO RX124H6.


230391 Brush Gear

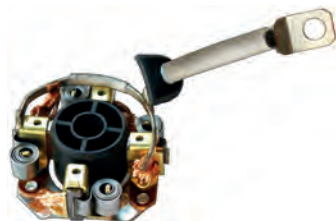
Replacing: 10476006
 Servicing: PG150, PG150S, PG260F1, 09000794, 09000801, 9000795, 9000817, 9000824, 96450663
 12 V, OD 66.00
 Brush set: HC-CARGO 141045. Brush spring: HC-CARGO 230390.


232968 Brush Gear

Replacing: 10472352
 Servicing: PG150, PG260F1, 21020761, 21020893, 21021366, 9000772, 9000785, 9000791, 9000833, 9000839, 9000840, 9000847, 9000859
 12 V, OD 66.00


134675 Brush Gear

Replacing: 3471783
 Servicing: 150, 155, 162, 163, 165, 168, 169, 172, 173, 174, 176, 177, 3471150, 3471154, 3471155, 3471162, 3471163, 3471165
 OD 76.00
 Brush set: HC-CARGO 140813, 140814, 140815.


230396 Brush Gear

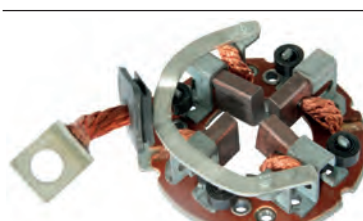
Replacing: 10475602
 Servicing: PG260M, 8000032, 8000129, 8000193, 8000321, 9000786, 9000798, 9000804, 9000805, 9000806, 9000812, 9000819, 9000820
 12 V, OD 57.75


232984 Brush Gear

Replacing: 10493840
 Servicing: PG260F2, 22506694, 24605594, 9000836
 12 V, OD 68.30


134842 Brush Gear

Replacing: 10456456
 Servicing: 28MT, 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613
 OD 77.30
 Brush set: HC-CARGO 140600, 140732. Brush spring: HC-CARGO 134843.


230682 Brush Gear

Replacing: 10497269, 10467164
 Servicing: PG100, 09000756, 9000700, 9000751, 9000802, X16478
 12 V, OD 65.90
 Brush set: HC-CARGO 140755.


234768 Brush Box

Replacing: 10453919
 Servicing: PG260L, -M, 10465578, 12564108, 12570823, 3231471, 9000879, 9000885, 9000889, 9000895
 12 V, OD 68.75
 Neg. brushes. Positive Brush: HC-CARGO 141242.


135720 Brush Gear

Replacing: 10470140, 10469238, 10468706, 10468705
 Servicing: 37MT, 41MT, 10478805, 10478806, 10478811, 10478812, 10478814, 10478815, 10478817, 10478818, 10478819, 10478925
 OD 127.00
 Brush set: HC-CARGO RX1354, RX135H4.


232671 Brush Gear

Replacing: 10493851
 Servicing: PG260F2
 12 V, OD 67.90


235390 Brush Gear

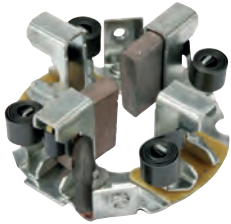
12 V, OD 64.00



235500 Brush Gear

Replacing: 10470208, 10468892, 10468891
 Servicing: 10461082, 10461110, 10461169, 10461170, 10461171, 10461181, 10461182, 10461209, 10461210, 10461227, 10461282, 10461333

12/24 V, OD 127.10
 Brush set: HC-CARGO RX1354 (12 V), RX135H4 (24 V), 140600, 140732. Insulated.



237851 Brush Gear

Servicing: 39MT, 19011501, 19024196
 24 V, OD 83.08
 Brush set: HC-CARGO 142006.



239582 Brush Gear

Servicing: 113136, 8000174, 96467385
 12 V



333422 Brush gear

Replacing: 10475107
 Servicing: 10455506, 800264, 96275481, 96289430
 OD 68.00

Brush Gear Parts

Brush Holders



131406 Brush Holder Kit

Servicing: 8MT, 10MT, 20MT, 22MT, 25MT, 27MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455340, 10455355

Pkg. 5



132113 Brush Gear

Replacing: 800091, 1988414, 1955046, 1950946, 1950546, 1946414, 1938587, 1926618
 Servicing: 30MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455314
 OD 16.15

Pkg. 5



132114 Brush Gear

Replacing: 1893293
 Servicing: 5MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019
 OD 16.20



132730 Brush Holder Kit

Replacing: 1893929
 Servicing: 5MT, 10455006, 10455016, 10455017, 10455019, 10455024, 10465018, 1109526, 1109530, 1109534, 1109564, 1998427, 1998514



132876 Brush Holder Kit

Servicing: 30MT, 35MT, 1107557, 1109563, 1113589, 1113594, 1113598, 1998337, 1998339, 1998347, 1998455
 Grounded.



136924 Brush Gear

Replacing: 1952135
 Servicing: 30MT, 35MT, 1107547, 1107555, 1107572, 1113130, 1113131, 1113133, 1113135, 1113148, 1113156, 1113162, 1113163, 1113190
 Insulated.

Brush Springs

Pkg. 10



132115[#] Brush Spring

Servicing: 5MT
 Length 26.15

Pkg. 10



132116 Brush Spring

Replacing: 1986019
 Servicing: 25MT, 27MT, 10455500, 1109216, 1109219, 1109251, 1109252, 1109253, 1109255, 1109256, 1109257, 1109258, 1109259, 1109260
 Length 35.20

Pkg. 10



132131 Brush Spring

Replacing: D3984, 1979994, 1945620
 Servicing: 30MT, 1107515, 1107547, 1108427, 1108513, 1109217, 1113059, 1113089, 1113090, 1113100, 1113101, 1113105, 1113111
 Length 38.63

Pkg. 10



133197 Brush Spring

OD 10.00, Length 18.60



134843 Brush Spring set(4)

Replacing: 10456460
 Servicing: 28MT, 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613
 OD 14.40, Length 26.40

Pkg. 4



136926# Brush Spring

Replacing: 1861785
 Servicing: 40MT, 50MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478827, 10478829
 OD 11.20, Length 8.65

Pkg. 4



136927 Brush Spring

Replacing: 1979391
 Servicing: 40MT, 50MT, 10478813, 10478843, 10478844, 10478845, 10478846, 10478848, 10478849, 10478850, 10478851, 10478852
 OD 11.00

Pkg. 4



136928 Brush Spring

Replacing: 1985314
 Servicing: 37MT, 41MT, 42MT, 10461169, 10478801, 10478802, 10478803, 10478804, 10478805, 10478806, 10478809, 10478810, 10478811
 OD 19.50, Length 36.15

Pkg. 4



136929# Brush Spring

Replacing: 10498543
 Servicing: PG200, -250, SD210, -260, 10455010, 10455011, 10455013, 10455025, 10455042, 10455048, 10455050, 10455053, 10455054
 OD 14.10, Length 23.75

Pkg. 4



136946 Brush Spring

Replacing: 3472200
 OD 10.25, Length 16.20

Pkg. 10



230390 Brush Spring

Servicing: PG150, PG150S, PG260F
 OD 8.50, Length 15.80

Pkg. 10



230517 Brush Spring

Replacing: D4954, D4951, 1940475, 1926622, 10498866
 Servicing: 10MT, 10455300, 10455304, 10455330, 10455331, 10455332, 10455333, 10455334, 10455335, 10455336, 10455337, 10455338
 OD 29.20, Length 34.95

Various

Pkg. 10



233001 Insulator

Replacing: 1964516
 Servicing: 50MT, 10478800, 10478807, 10478808, 10478813, 10478827, 10478828, 10478829, 10478830, 10478843, 10478844, 10478845

Pkg. 10



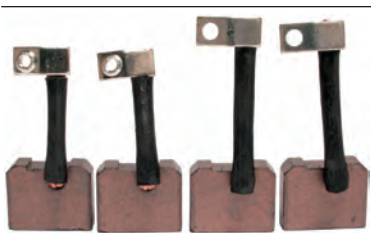
233428 Screw

Replacing: 1968998, 1847807, 1846955
 Servicing: 20Si, 37MT, 40MT, 42MT, 1009812, 10459002, 10459003, 10459004, 10459005, 10459006, 10459007, 10459008, 10459009
 Thread 1/2", Total length 15.60, Thread length 12.20

Brush Sets



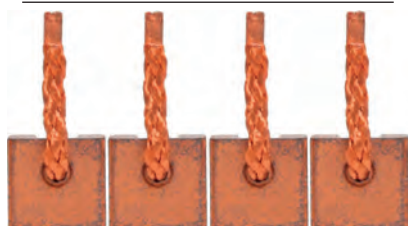
140600 Brush Set
 Replacing: 10456458, 10456457
 Servicing: 28MT, 10465054, 10479604, 10479606, 10479607, 10479613, 10479614, 10479615, 10479617, 10479618, 10479619, 10479620
 12 V, Length 19.60, Lead length 37.00, Lead length 2 51.00, Height 25.00, Thickness 8.00



140732 Brush Set
 Replacing: 10457120, 10457119
 Servicing: 28MT, 10461470, 10479600, 10479605, 10479608, 10479611, 10479612, 10479616, 10479623, 10479626, 10479627, 1113271
 24 V, Length 20.00, Lead length 49.00, Lead length 2 37.00, Height 25.00, Thickness 8.00



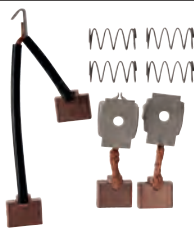
140737 Brush Set
 Servicing: SD210, SD260, 10455010, 10455011, 10455013, 10455025, 10455042, 10455048, 10455050, 10455053, 10455054, 10455070
 12 V, Length 15.00, Lead length 128.50, Lead length 2 28.50, Height 15.00, Thickness 6.60



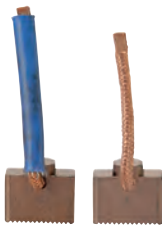
140755 Brush Set
 Replacing: 1852898, 140755
 Servicing: PG100, 21020892, 21021648, 9000700, 9000751, 9000756, 9000758, 9000802, X16478
 12 V, Length 14.00, Lead length 35.50, Height 15.00, Thickness 5.50



140811 Brush Set
 Replacing: DR751, 3471506
 Servicing: 1107203, 1108421, 3471143
 12 V, Length 14.00, Lead length 44.00, Lead length 2 45.00, Height 16.00, Thickness 6.00



140812 Brush Set
 Replacing: DR700, 3471505
 Servicing: 141, 152, 3471141, 3471143, 3471144, 3471152
 12 V, Length 14.00, Lead length 86.00, Lead length 2 46.00/28.00, Height 16.00, Thickness 6.00



140813 Brush Set
 Replacing: 3471625
 Servicing: 150, 168, 172, 3471150, 3471168, 3471172, 3471393
 12 V, Length 14.00, Lead length 43.00, Lead length 2 36.50, Height 16.00, Thickness 6.00



140814 Brush Set
 Replacing: 3471764
 Servicing: 3471153, 3471154, 3471157, 3471162, 3471164, 3471165
 12 V, Length 14.00, Lead length 83.00, Lead length 2 37.00, Height 16.00, Thickness 6.00
 Alternative no.: R922



140815 Brush Set
 Replacing: 3471834
 Servicing: 176, 3471153, 3471154, 3471155, 3471162, 3471164, 3471165, 3471169, 3471170, 3471173, 3471174, 3471175, 3471176
 12 V, Length 14.00, Lead length 43.00, Lead length 2 84.00, Height 16.00, Thickness 6.00



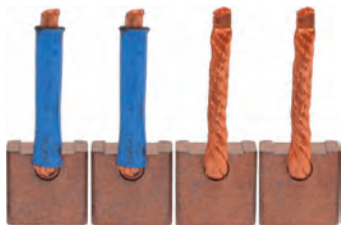
140943 Brush Set
 Replacing: 10499524
 Servicing: PG260, 8000032, 8000129, 8000193, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821
 12 V, Length 16.00, Lead length 28.00, Height 19.00, Thickness 6.00



141045 Brush Set
 Replacing: 10484034
 Servicing: PG260F1, 8000396, 9000772, 9000785, 9000791, 9000794, 9000795, 9000817, 9000824, 9000884, 96208783, 96450663
 12 V, Length 11.00, Lead length 29.50, Height 16.00, Thickness 5.00



141190 Brush Set
 Servicing: 10455503, 111089, 112847, 800264, 96208781, 96275481, 96289430, 96569440
 12 V, Length 12.00, Lead length 38.00, Lead length 2 26.00, Height 12.90, Thickness 4.45


141230 Brush Set

Servicing: 00E091, 110397, 110566, 111534, 112161, 17610-Q1010, 500340, CER3087
 12 V, Length 17.50, Lead length 36.00, Height 18.00, Thickness 8.00


141242 Brush

Servicing: PG260L, -M, 10453919, 10465521, 9000879, 9000885, 9000889, 9000895

12 V, Length 15.00, Lead length 115.50, Height 18.00, Thickness 5.00
 Brush set: HC-CARGO 141270.

Pkg. 10


141270 Brush

Servicing: 10465521

Length 13.50, Lead length 30.50, Height 18.00, Thickness 5.00
 Used w/ HC-CARGO 141242.


142043 Brush Set

Servicing: PG260D, 12564089, 8000048, 8000180, 8000387, 9000856, 9000902, 9000934, 9000967, 96550792

12 V, Length 12.50/11.50, Lead length 27.00, Height 15.00, Thickness 5.00


RX1074 Brush Set

Replacing: 1946491

Servicing: 35MT, 1113391, 1113402, 1113432, 1113473, 1113476, 1113499, 1113652, 1113658, 1113659, 1113660, 1113662, 1113664

12 V, Length 21.50, Height 20.50, Thickness 9.50


RX1084 Brush Set

Replacing: D762, 1893296

Servicing: 5MT, SD200, SD250, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018

12 V, Length 13.50, Height 15.90, Thickness 6.50


RX1214 Brush Set

Replacing: 1852880

Servicing: 25MT, 1109216, 1109218, 1109219, 1109495, 1109496, 1109500, 1109550, 1109559, 1109563, 1109565, 1109566, 1109567

12 V, Length 19.00, Height 19.00, Thickness 8.00


RX1224 Brush Set

Replacing: 1852884

Servicing: 40MT 400/450, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1114802, 1114807, 1114808

12 V, Length 21.00, Lead length 45.50, Height 38.00, Thickness 9.50


RX122H4 Brush Set

Replacing: 1852883, 1852882

Servicing: 40MT 400/450, 1109295, 1109545, 1109790, 1114682, 1114687, 1114688, 1114805, 1114816, 1114830, 1114839, 1114840

24 V, Length 21.00, Lead length 46.00, Height 38.10, Thickness 9.50


RX1246 Brush Set

Replacing: 1852887

Servicing: 50MT, 10478813, 10478877, 10478881, 10478906, 10478917, 1990277, 1990298, 1993859, 1993864, 1993968

12 V, Length 19.50, Lead length 44.00, Height 38.00, Thickness 8.00


RX124H6 Brush Set

Replacing: 1852888

Servicing: 50MT 400, 10478800, 10478807, 10478808, 10478843, 10478844, 10478845, 10478846, 10478848, 10478849, 10478850, 10478851

24-64 V, Length 21.50, Lead length 45.00, Height 38.00, Thickness 7.80


RX1344 Brush Set

Replacing: 1852892

Servicing: 42MT, 10478801, 10478802, 10478803, 10478804, 10478809, 10478810, 10478824, 10478894, 10478918, 10478931, 10478932

12 V, Length 24.90, Lead length 40.00, Height 36.60, Thickness 10.60



RX134H4 Brush Set

Replacing: 1852894

Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478820, 10478836, 10478839, 10478892

24 V, Length 24.90, Lead length 40.00, Height 36.90, Thickness 10.60



RX1354 Brush Set

Replacing: 1852891, 1852889

Servicing: 37MT, 41MT, 10461169, 10478805, 10478806, 10478812, 10478818, 10478825, 10478890, 10478897, 10478921, 10478926

12 V, Length 27.50, Lead length 40.00, Height 28.60, Thickness 9.60



RX135H4 Brush Set

Replacing: 1852893

Servicing: 37MT, 41MT, 10478811, 10478814, 10478815, 10478817, 10478819, 10478826, 10478898, 10478925, 10478960, 10478961

24 V, Length 26.60, Lead length 40.00, Height 28.60, Thickness 9.60



RX604 Brush Set

Replacing: D757, 1946400, 1906966, 1906945

Servicing: 5MT, 8MT, 10MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312

12 V, Length 15.70, Height 19.10, Thickness 6.50



RX664 Brush Set

Replacing: 1906990, 1892890

Servicing: 30MT, 35MT, 1107515, 1107547, 1107548, 1107553, 1107555, 1107869, 1109051, 1109140, 1113101, 1113105, 1113113, 1113115

24 V, Length 19.00, Height 19.00, Thickness 9.50



RX698 Brush Set

Replacing: 1906988

Servicing: 40MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1108951, 1108952, 1108953

12 V, Length 19.20, Lead length 40.00, Height 19.00, Thickness 9.50



RX708 Brush Set

Replacing: 1946483, 1946473, 1946407, 1906986

Servicing: 40MT, 1109827, 1113172, 1113386, 1113477, 1113483, 1113485, 1113487, 1113539, 1113540, 1113542, 1113544, 1113583

24 V, Length 19.20, Lead length 41.00, Height 19.00, Thickness 9.50



RX874 Brush Set

Replacing: 1946484, 1906987, 1906968, 1906962, 1906958

Servicing: 30MT, 35MT, 1109045, 1109046, 1109047, 1109048, 1109050, 1113001, 1113002, 1113003, 1113004, 1113005, 1113007, 1113008

12 V, Length 19.00, Height 19.00, Thickness 9.40



RX9212 Brush Set

Replacing: 38367, 1946487, 1946426, 1906989, 1906918, 1852886

Servicing: 50MT, 10478827, 10478828, 10478829, 10478830, 10478919, 1108901, 1108902, 1108904, 1108907, 1108909, 1108910, 1108911

24 V, Length 19.20, Lead length 37.00, Height 19.10, Thickness 8.00



RX954 Brush Set

Replacing: 1976861, 1946434

Servicing: 20MT, 25MT, 1107506, 1107508, 1107510, 1107511, 1107512, 1107513, 1107516, 1107517, 1107518, 1107519, 1107520, 1107521

6/12 V, Length 19.00, Height 19.00, Thickness 9.50

Brushes

Pkg. 100



R909/0 Brush

Replacing: 140813

12 V, Length 14.00, Lead length 37.65, Height 15.80, Thickness 5.90

Alternative no.: 140813

Pkg. 100



R922 Brush

Replacing: 140814

12 V, Length 14.00, Lead length 84.50, Height 15.80, Thickness 5.90

Alternative no.: 140814

Pkg. 100



R924 Brush
 Replacing: 140813
 12 V, Length 14.00, Lead length 43.50,
 Height 16.00, Thickness 6.00
 Alternative no.: 140813

Bushings

Pkg. 10



140036 Bushing
 Replacing: 3471553
 Servicing: 141, 150, 152, 153, 155, 162,
 163, 164, 165, 168, 169, 172, 173, 174, 176,
 177, 3471141, 3471143, 3471144, 3471150
 ID 12.11, OD 14.08, Length 14.00
 Alternative no.: B140036

Pkg. 10



140053 Bushing
 Replacing: 10472567
 Servicing: 37MT, 10478812, 10478815, 10478817,
 10478818, 10478897, 10478898, 10478925,
 10478926, 10478961, 10478999, 10479013
 ID 15.99, OD 19.15, Length 18.90
 Alternative no.: B140053

Pkg. 10



140064 Bushing
 Replacing: 35070
 ID 12.07, OD 15.05, Length 20.00
 Alternative no.: B140064

Pkg. 10



140070 Bushing
 Replacing: D1666, 38273, 1894636
 Servicing: 40MT, 1009812, 10461041, 10461045,
 10461046, 10461047, 10461048, 10461059,
 10461060, 10461061, 1108701, 1108702
 ID 14.37, OD 19.17, Length 24.60

Pkg. 10



140071 Bushing
 Replacing: D1674, 1943628
 Servicing: 35MT, 37MT, 40MT, 10461024,
 10461025, 10461030, 10461031, 10461043,
 10461054, 10461068, 10461169, 10478801,
 10478802
 ID 14.36, OD 19.17, Length 19.10

Pkg. 10



140074 Bushing
 Replacing: D1684, 1955994, 1955991,
 1945509, 1942258, 1894635
 Servicing: 40MT, 50MT, 10461024, 10461025,
 10461030, 10461031, 10461041, 10461043,
 10461045, 10461046, 10461047, 10461048
 ID 15.97, OD 19.20, Length 21.90

Pkg. 10



140181 Bushing
 Replacing: D1676, 810620, 35058, 1938743
 Servicing: 5MT, 8MT, 10MT, 25MT, 27MT,
 10455300, 10455301, 10455305, 10455306,
 10455308, 10455340, 10455603, 10496873,
 10496874
 ID 14.37, OD 16.03, Length 16.40

Pkg. 5



140182 Bushing
 Replacing: D1678, 820148
 Servicing: 25MT, 1107071, 1107146, 1107203,
 1107539, 1107587, 1107588, 1107848, 1107849,
 1107851, 1107852, 1107973, 1107977
 ID 19.00, OD 20.65, Length 18.50

Pkg. 5



140183 Bushing
 Replacing: D1688, 1932190, 1923904
 Servicing: 5MT, 10MT, 10455010, 10455011,
 10455016, 10455017, 10455019, 10455025,
 10455048, 10455053, 10455054, 10455300,
 10455301
 ID 12.00, OD 13.17, Length 12.75

Pkg. 5



140184 Bushing
 Servicing: 5MT, 1007010044, 1107006,
 1107012, 1107014, 1107015, 1107016, 1107017,
 1107021, 1107024, 1107025, 1107028, 1107029
 ID 14.38, OD 15.90, Length 16.70

Pkg. 5



140185 Bushing
 Replacing: D1680, 1939345, 1839348,
 1839345, 1836505
 Servicing: 25MT, 27MT, 1007003, 1107001,
 1107005, 1107007, 1107008, 1107009, 1107013,
 1107018, 1107019, 1107022, 1107023, 1107033
 ID 12.75, OD 14.30, Length 19.85

Pkg. 5



140206 Bushing

Replacing: 1988096

Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803, 10478804

ID 21.30, OD 24.40, Length 25.00

Pkg. 5



140214 Bushing

Replacing: 1985234

Servicing: 37MT, 10461169, 10478805, 10478806, 10478811, 10478812, 10478814, 10478815, 10478817, 10478818, 10478819, 10478825

ID 22.53, OD 25.67, Length 25.40

Pkg. 5



140215 Bushing

Replacing: D1671, 1891927, 1872678

Servicing: 35MT, 10455304, 10455355, 10455500, 1107051, 1107071, 1107081, 1107086, 1107090, 1107117, 1107146, 1107149, 1107185

ID 14.35, OD 17.55, Length 19.00

Pkg. 5



140217 Bushing

Replacing: D1689, 1862383

Servicing: 20MT, 10455304, 10455312, 10455316, 10455317, 10455318, 10455319, 10455320, 10455321, 10455322, 10455323, 10455324

ID 12.73, OD 15.91, Length 19.80

Pkg. 10



140262 Bushing

ID 12.16, OD 13.20, Length 12.65

Alternative no.: B140262

Pkg. 10



140268 Bushing

ID 12.09, OD 16.00, Length 12.00

Alternative no.: B140268

Pkg. 10



140269 Bushing

ID 12.03, OD 16.02, Length 17.00

Alternative no.: B140269

Pkg. 5



140404 Bushing

Replacing: 1962606

Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 10455322, 10455324, 10455325, 10455326, 10455331, 10455500, 1107295, 1107296, 1107297

ID 19.19, OD 31.81, Length 10.29

Pkg. 10



140406 Bushing

Replacing: 1933999

Servicing: 30MT, 35MT, 1109219, 1113031, 1113059, 1113089, 1113090, 1113100, 1113101, 1113111, 1113113, 1113114, 1113115, 1113119

ID 19.30, OD 22.60, Length 19.25

Pkg. 5



140477 Bushing

Replacing: 1923484, 1894637

Servicing: 40MT, 50MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807

ID 21.24, OD 24.50, Length 31.70

Pkg. 5



140478 Bushing

Replacing: 1894638, 1869755

Servicing: 50MT, 10478800, 10478807, 10478808, 10478813, 10478827, 10478828, 10478829, 10478830, 10478843, 10478844, 10478845

ID 17.50, OD 22.35, Length 28.50

Pkg. 10



140601 Bushing

Replacing: 10456459

Servicing: 28MT, 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613

ID 14.03, OD 17.00, Length 16.20

Pkg. 10



140776 Bushing

Replacing: 1894023

Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 10455317, 10455318, 10455319, 10455321, 10455327, 10455336, 1107146, 1107588, 1108239

ID 19.00, OD 22.00, Length 18.00

Pkg. 10



140939 Bushing

Replacing: 10475580

Servicing: PG260, 22506694, 9000786, 9000798, 9000805, 9000806, 9000812, 9000820, 9000822, 9000834, 9000836, 9000884

ID 6.07, OD 8.75, Length 10.80

Pkg. 5



140940 Bushing

Replacing: 10475582

Servicing: PG260, 8000032, 8000129, 8000193, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821

ID 9.90, OD 16.60, Length 8.05

Pkg. 5



140941 Bushing

Replacing: 10475631

Servicing: PG260, 9000786, 9000798, 9000805, 9000806, 9000812, 9000820, 9000822, 9000834

ID 8.10, OD 11.90, Length 9.10

Pkg. 5



140942 Bushing

Replacing: 10476599

Servicing: PG260, 22506694, 9000786, 9000798, 9000805, 9000806, 9000812, 9000820, 9000822, 9000834, 9000836

ID 22.35, OD 26.70, Length 9.00

Pkg. 5



140944 Bushing

Replacing: 1957017

Servicing: 8MT, 10MT, 25MT, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455314, 10455315

ID 19.35, OD 20.60, Length 9.50

Pkg. 5



141046 Bushing

Servicing: PG150, PG260F1, 9000817, 9000824

ID 6.10, OD 10.05, Length 10.40

Pkg. 5



141047 Bushing

Servicing: PG260F1, 00E091, 110397, 112161, 9000817, 9000824, CER3087

ID 8.10, OD 12.00, Length 6.80

Pkg. 5



141048 Bushing

Servicing: PG260F1, 9000817, 9000824
ID 22.34, OD 28.65, Length 9.00

Pkg. 10



141122 Bushing

Servicing: PG260F2, -G, -L, 22506694, 9000836, 9000884

ID 10.00, OD 14.05, Length 9.35

Pkg. 10



141123 Bushing

Replacing: D1682, 1923907

Servicing: 8MT, 10MT, SD300, 8000396
ID 11.95, OD 13.15, Length 18.40

Pkg. 10



141124 Bushing

Replacing: 1984530

Servicing: 5MT, SD200, 10455018, 1109551, 1998447, 1998482, 1998529, 1998532, 1998547

ID 13.00, OD 15.15, Length 12.40



Pkg. 10

141125 Bushing
 Servicing: PG260F2, 9000884
 ID 22.40, OD 26.70, Length 8.10

Pkg. 10



141126# Bushing
 Servicing: PG200, PG250
 ID 25.60, OD 31.80, Length 8.85

Pkg. 10



141127 Bushing
 Replacing: 10457076
 Servicing: 28MT, 10479619
 ID 13.00, OD 16.00, Length 15.90

Pkg. 10



141128 Bushing
 Servicing: 28MT
 ID 14.04, OD 16.02, Length 16.00



Pkg. 10

141202 Bushing
 Servicing: 112847, 113136, 8000174,
 800264, 96275481, 96289430, 96569440
 ID 10.03, OD/collar 18.42, OD 14.00,
 Length 10.00, Height/collar 2.00

Pkg. 10



141257 Bushing
 Servicing: 9000879, 9000884, 9000885,
 9000895, 96450663
 ID 10.10, OD/collar 15.90, OD 12.80,
 Length 12.50, Height/collar 3.00

Pkg. 10



142044 Bushing
 Servicing: 12564089, 8000048, 8000180,
 8000387, 9000856, 9000902, 9000934,
 9000967, 96550792
 ID 6.00, OD/collar 12.21, OD 8.79,
 Length 11.65, Height/collar 3.00

Pkg. 5



142047 Bushing
 Replacing: 96550792
 Servicing: 8000180, 8000396, 96550792
 ID 22.34, OD 26.70, Length 5.50



Pkg. 100

B140036 Bushing
 Replacing: 3471553
 ID 12.11, OD 14.08, Length 14.00
 Alternative no.: 140036

Pkg. 100



B140053 Bushing
 Replacing: 10472567
 ID 15.99, OD 19.15, Length 18.90
 Alternative no.: 140053

Pkg. 100



B140064 Bushing
 Replacing: 35070
 ID 12.06, OD 15.07, Length 19.90
 Alternative no.: 140064

Pkg. 100



B140262 Bushing
 Replacing: B140262
 ID 12.16, OD 13.20, Length 12.65
 Alternative no.: 140262

Bearings

Ball Bearings

Pkg. 10



140222 **FAG** 608-2RS-C3 Ball Bearing

Replacing: 9440924, 10498718

Servicing: 09000756, 09000794, 09000801, 10455506, 110566, 111534, 17610-Q1010, 1998518, 21020892, 21020893, 21021366, 21021648

ID 8.00, OD 22.00, Height 7.00

Alternative no.: 142279, 333106

Pkg. 10



140271 **FAG** 6000-C-2HRS-C3 Ball Bearing

Replacing: 1989646

Servicing: 00219091, 00219099, 10463007, 10463013, 10463014, 10463016, 10463017, 10463043, 10463097, 10463176, 10463187, 10463197

ID 10.00, OD 26.00, Height 8.00

Alternative no.: 142277, 333099



142021 **FAG** F-845204.62/28 Ball Bearing

Servicing: 39MT, 19011501, 19024196

 ID 28.00, OD 58.00, Height 16.00,
 Lock ring w/, Teflon ring w/
 w/ 2 internal grooves.

Needle Bearings

Pkg. 10



140242 **5★** Needle Bearing

Replacing: 9440923

Servicing: PMGR SERIES, M78, M79, 00E091, 09000794, 09000801, 10455506, 10461334, 110397, 110566, 111089, 112161, 112847, 113136

ID 12.00, OD 16.00, Height 10.00

Pkg. 10



140421 Needle Bearing

Replacing: 9441607, 10469066

Servicing: 5MT, 10455001, 10455006, 10455008, 10455009, 10455012, 10455013, 10455015, 10455024, 10455042, 10455045, 10455046

ID 11.13, OD 15.90, Height 12.70

Pkg. 5



140468 **5★** Needle Bearing

Servicing: 21020892, 21020893, 21021366, 21021648, 8200138, 9000700, 9000719, 9000735, 9000751, 9000756, 9000758, 9000762, 9000763

ID 8.00, OD 12.00, Height 10.00

Pkg. 5



140750 Needle Bearing

Replacing: 9441512

Servicing: PG260F1, 00E091, 09000756, 110397, 112161, 21020892, 21020893, 21021366, 21021648, 9000700, 9000751, 9000758, 9000772

ID 22.20, OD 28.60, Height 9.40



140751 **5★** Needle Bearing

Replacing: 9441510

Servicing: PG100, -150, 09000756, 21020892, 21020893, 21021366, 21021648, 9000751, 9000758, 9000772, 9000785, 9000791, 9000794

ID 8.00, OD 12.00, Height 7.88

Pkg. 10



141247 Needle Bearing

Servicing: 110397, 112161

ID 9.00, OD 13.00, Height 8.00

Repair Kits



130519 Repair Kit

Servicing: 40MT 200, 250, 300 SERIES, 1113818, 1113824, 1113825, 1113827, 1113840, 1113842, 1113846, 1113849, 1113850, 1113851

24 V.



130529 Repair Kit

Servicing: 50MT 250, 300 SERIES

24 V.



131348 Repair Kit
 Servicing: 40MT 400, 450 SERIES, 1114711, 1114842, 1114843, 1114845, 1114846, 1114848, 1114849, 1114850, 1114854, 1114856, 1114872



131490 Repair Kit
 Servicing: 30MT, 35MT, 1113652, 1113683



131500 Repair Kit
 Servicing: 42MT



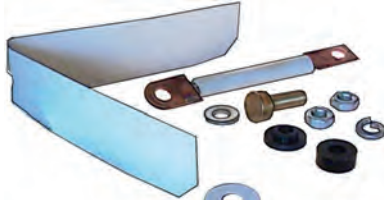
131501 Repair Kit
 Servicing: 42MT, DELCO 24 V, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478980, 10478986, 10478998



132589 Repair Kit
 Servicing: 37MT



132590 Repair Kit
 Servicing: 37MT



134840# Terminal Kit
 Servicing: 28MT



137062 Repair Kit
 Servicing: 50MT 400, 450 SERIES, DELCO, 10478864
 24 V.



137064 Repair Kit
 Servicing: 50MT, 10478864



230539 Terminal Kit
 Replacing: 1988340, 1988339, 1979451, 10498663
 Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047, 10461048, 10461054



232937 Repair Kit
 Servicing: 10MT, 20MT, 22MT, 25MT, 27MT



232941 Repair Kit
 Servicing: 28MT

Sundry Parts

Covers

Pkg. 10



138225 Cover
 Replacing: 10475583
 Servicing: PG260, 8000032, 8000129, 8000193, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821
 ID 14.30, OD 17.00, Height 4.85

Oil Seals

Pkg. 10



132682 Oil Seal
 Replacing: 1918047, 1913433, 1891143, 1867150
 Servicing: 30MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478801, 10478802
 ID 17.46, OD 34.80, Height 6.35

Pkg. 10


135199 Oil Seal

Servicing: 28MT, 10479613, 10479615, 10479616, 10479617, 10479621, 10479623, 1113272, 1113276, 1113277, 1113285, 1113291, 1113292

ID 24.30, OD 35.10, Height 5.90

Pkg. 5


135642 Oil Seal

Replacing: 1937718

Servicing: 37MT, 10478805, 10478806, 10478811, 10478812, 10478814, 10478815, 10478817, 10478818, 10478819, 10478825, 10478826

ID 19.35, OD 35.20, Height 6.45

Pkg. 10


237844 Oil Seal

 Servicing: 39MT, 19011501, 19024196
 ID 28.30, OD 48.10, Height 5.60

O-rings

Pkg. 5


133965 O-ring

Replacing: 10456474

Servicing: 28MT, 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613

ID 86.90, Thickness 1.50

Pkg. 5


133974 O-ring

Servicing: 28MT, 10461470, 10465054, 10479613, 10479615, 10479621, 10479623, 10479626, 10479627, 1113267, 1113270, 1113273

 ID 79.00, Thickness 2.00,
 Material Rubber

Pkg. 10


134486 O-ring

ID 8.00, Thickness 2.00

Pkg. 10


134487 O-ring

Servicing: 1113827, 1113840, 1113853, 1113923, 1113942, 1113949, 1113950, 1113959, 1113960, 1113962, 1113967, 1113969, 1113982

ID 10.00, Thickness 2.00

Pkg. 10


134633 O-ring

Servicing: 110566, 1109290, 1113285, 1113827, 1113840, 1113853, 1113923, 1113942, 1113949, 1113950, 1113959, 1113960, 1113962

ID 6.00, Thickness 2.00

Pkg. 10


136340 O-ring

Replacing: 1916272

Servicing: 10461025, 10461031, 10478980, 10478986, 10478998, 10479111, 10479115, 10479252, 10479264, 1113827, 1113840, 1113853

ID 105.00, Thickness 4.00

Pkg. 10


139563 O-ring

Servicing: 28MT, 10461470, 10465054, 10479615, 10479621, 10479623, 10479626, 10479627, 1113267, 1113270, 1113273, 1113276, 1113277

ID 52.45, Thickness 1.95

Pkg. 10


230378 O-ring

Replacing: 1918621

Servicing: 19011501, 19024196, 8200009, 8200022, 8200037, 8200039

ID 3.70, Thickness 1.80

Pkg. 5


232434 O-ring

Servicing: 28MT, 10461470, 10479626, DRX67095, DRX67149

ID 5.00, Thickness 1.80



Pkg. 10

233046 O-ring

Replacing: 1914593

Servicing: 30MT, 35MT, 1113157, 1113190, 1113402, 1113626, 1113655, 1113672

ID 8.00, Thickness 1.80

Pkg. 10



233048 O-ring

Replacing: 1921805, 1894643

Servicing: 30MT, 35MT, 37MT, 40MT, 41MT, 42MT, 50MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048

ID 8.65, Thickness 1.75

Pkg. 10



233049 O-ring

Replacing: 1985304

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10478980, 10478986, 10478998, 10479111, 10479115, 10479252, 10479264, 1990357

ID 56.70, Thickness 3.50

Pkg. 10



233050 O-ring

Replacing: 1985320

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10478980, 10478986, 10478998, 10479111, 10479115, 10479118, 10479252, 10479264

Thickness 2.50, Material Rubber



Pkg. 10

233051 O-ring

Replacing: 1985960, 1851960

Servicing: 30MT, 35MT, 37MT, 41MT, 42MT, 10461025, 10461031, 10478980, 10478986, 10478998, 10479111, 10479115, 10479252, 10479264

Thickness 2.50

Pkg. 10



233053 O-ring

Servicing: 37MT, 41MT, 42MT, 10479623, 1113277, 1113285

Thickness 1.70

Pkg. 10



233057 O-ring

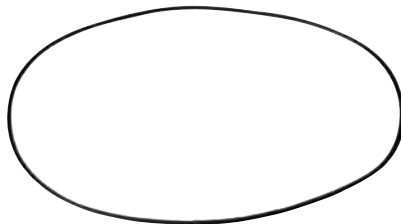
Replacing: 1914373, 1894642

Servicing: 30MT, 35MT, 37MT, 40MT, 41MT, 42MT, 50MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048

ID 5.70, Thickness 1.55

Pin kit: HC-CARGO 230362.

Pkg. 10



235736 O-ring

ID 102.60, Thickness 1.75,

Material Rubber

Thru Bolts

Pkg. 2



139799 Through Bolt

Replacing: 1960908

Servicing: 1107506, 1107508, 1107509, 1107510, 1107511, 1107512, 1107513, 1107515, 1107516, 1107517, 1107518, 1107519, 1107520

Total length 195.70,
Length/rear collar 190.50,
Thread length 28.00,
Thread size 1/4" UNC

Pkg. 2



230012 Through Bolt

Replacing: 1939970, 1931654

Servicing: 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310, 10455312, 10455314, 10455315, 10455316

Total length 154.50,
Length/rear collar 149.00,
Thread length 27.50,
Thread size 1/4" UNC

Pkg. 2



230013 Through Bolt

Replacing: 1941111

Servicing: 10455300, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455334, 10455343, 10455344, 10455345

Length/rear collar 150.50,
Thread size 1/4" UNC,
Thread size/rear 1/4" UNC

Pkg. 2



230418 Through Bolt
 Replacing: 1893453
 Servicing: 10455500, 1107557, 1109212, 1109213, 1109214, 1109215, 1109216, 1109217, 1109218, 1109495, 1113593, 1113594, 1113596
 Total length 189.00, Length/rear collar 183.00, Thread length 24.10, Thread size 1/4" UNC

Pkg. 10



230795 Through Bolt
 Replacing: 1893276
 Servicing: 1109521, 1109522, 1109523, 1109524, 1109526, 1109528, 1109530
 Total length 5.00 (7/8"), Length/rear collar 149.20, Thread length 15.00/16", Thread size 10-24 UNC

Pkg. 2



233153# Through Bolt
 Servicing: 9000879, 9000885, 9000895
 Total length 166.75, Thread size M5, Thread size/rear M5

Pkg. 2



233154 Through Bolt
 Replacing: 10475638
 Servicing: 8000032, 8000193, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834
 Total length 106.50, Length/rear collar 102.00, Thread length 17.65, Thread size M5

Pkg. 10



233691 Through Bolt
 Servicing: 10461470, 10465054, 10479613, 10479615, 10479621, 10479623, 10479626, 10479627, 1113267, 1113270, 1113273, 1113276
 Total length 185.40, Length/rear collar 180.00, Thread length 34.25, Thread size M6

Various

Pkg. 5



132726 Adjustment Shims
 Replacing: 9785608
 Servicing: 5MT, 10MT, 25MT
 OD 146.40, Thickness 0.50

Pkg. 10



133023 Plug
 Replacing: 9417501, 103893
 Servicing: 40MT, 50MT, 1009812, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1108451, 1108452
 OD 26.20

Pkg. 10



133024 Plug
 Replacing: 1949619
 Servicing: 30MT, 40MT, 42MT, 50MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048, 10461061, 10478800

Pkg. 10



133025 Plug
 Replacing: 9419572
 Servicing: 30MT, 10455309, 10455310, 10455311, 10455344, 10455345, 10455346, 1108282, 1108286, 1108325, 1108345, 1108347, 1108350
 OD 15.90

Pkg. 10



133027 Gasket
 Replacing: 1962603
 Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 10455325, 10455500, 1107295, 1107296, 1107297, 1107308, 1107322, 1107335, 1107377
 ID 69.15, ID/mount. hole 5.75, OD 94.75, Thickness 1.50, Material Rubber

Pkg. 10



134665# Felt
 Replacing: 1955303
 Servicing: 40MT, 50MT, 1113827, 1113840, 1113853, 1113923, 1113942, 1113949, 1113950, 1113959, 1113960, 1113962, 1113967, 1113969
 OD 22.20

Pkg. 10



135290 Brake Washer
 Servicing: 152, 163, 165, 3471143, 3471152, 3471154, 3471163, 3471165, 3471171, 3471390
 ID 12.10, OD 29.70, Thickness 2.00, Material Fiber



Pkg. 5

135938 Plug

Replacing: 1945356

Servicing: 40MT, 50MT, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047, 10461048

OD 34.93

Pkg. 5



138144 Ground Lead

Replacing: 1960864, 1926605

Servicing: 10MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455314

ID 4.25, Leng

th 16.25, Lead length 64.50, Width 9.45

Pkg. 10



138224 Drain Tube

Replacing: 10489381, 10475584

Servicing: PG260, 22506694, 8000032, 8000321, 9000786, 9000798, 9000806, 9000812, 9000834, 9000835, 9000836, 9000860, 9000936

ID 6.20, OD 8.15, Length 25.80

Pkg. 5



138660 Brake Washer

Replacing: 821453

Servicing: 10MT, 20MT, 25MT, 27MT, 30MT, 35MT, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312

ID 19.10, OD 50.80, Thickness 2.40



Pkg. 5

138680 Ground Lead

Replacing: 1987254, 1930694, 1892160, 1876361

Servicing: 15MT/GR, 20MT, 22MT, 25MT, 27MT, 30MT, 35MT, 10455500, 1107547, 1107557, 1107572, 1107582, 1107588, 1107863, 1109216

ID 4.30, Length 16.55,

Lead length 55.00, Width 8.90

Pkg. 10



139332 Screw

Replacing: 1970469, 1968396, 1913100, 10499632

Servicing: 37MT, 40MT, 42MT, 50MT, 1007003, 1007010044, 1009812, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308

Thread M10, Total length 16.45,

Thread length 11.25

Pkg. 5



139798 Grommet

Replacing: 1955947, 1955946, 1893370, 1846097

Servicing: 10MT, 15MT/GR, 20MT, 22MT, 25MT, 27MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310

Pkg. 10



139983 Brake Washer

Replacing: 1985617, 1984076

Servicing: 42MT, 10455006, 10455024, 10455317, 10455318, 10455319, 10455321, 10455322, 10455323, 10455324, 10455325, 10455326

ID 14.30, OD 33.30, Thickness 1.50

Pkg. 5



230017 Oil Wick

Replacing: 1986466, 1920400, 1916439

Servicing: 10-27MT, 1009812, 10455321, 10455323, 10455336, 10455500, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059

Height/thickness 7.90

Pkg. 5



230029 Brake Washer

Replacing: 818265, 10498921

Servicing: 10MT, 1007003, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312

ID 14.50, OD 33.50, Thickness 3.50,

Material Leather

Pkg. 10


230105 Insulator

Replacing: 1976832, 1927853

Servicing: 8MT, 10MT, 10455304, 10455355, 10455600, 1107159, 1107201, 1107203, 1107204, 1107205, 1107209, 1107214, 1107215

Pkg. 10


230106 Grommet

Replacing: 1966391, 1945827, 1935168

Servicing: 10MT, 1107201, 1107203, 1107204, 1107205, 1107206, 1107214, 1107215, 1107222, 1107224, 1107228, 1107229, 1107233

 Dim. A 18.45, Dim. B 10.55,
Dim. C 15.10

Pkg. 5


230107 Brake Washer

Replacing: 1914842

Servicing: 10MT, 1007010044, 10455340, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1107006

 ID 14.30, OD 25.00, Thickness 1.60,
Material Steel

Pkg. 5


230188 Stop Collar

Replacing: 10456465

Servicing: 28MT, 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613

 ID 14.00, OD 20.00, Height 6.50
Used w/ retaining ring: HC-CARGO 230189.

Pkg. 5


230189 Retaining Ring

Replacing: 10456475

Servicing: 28MT, 10461470, 10465054, 10479615, 10479621, 10479623, 10479626, 10479627, 1113267, 1113270, 1113273, 1113276, 1113277

 Thickness 2.00, Material Steel
Stop collar: HC-CARGO 230189.

Pkg. 5


230414 Drain Tube

Replacing: 10497538

Servicing: PG100, -150, -200, -250, 9000719, 9000735, 9000762, 9000768, 9000773, 9000776, 9000797

ID 4.95, OD 7.65, Length 22.10

Pkg. 10


230417 Oil Cup

Replacing: 1985246

 Servicing: 37MT, 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803
OD 14.30, Height 10.55

Pkg. 10


230419 Oil Cup

Replacing: 1978756

Servicing: 35MT EXT ROTATABLE, 40MT 400, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047

OD 15.90, Height 9.65

Pkg. 5


230472 Brake Washer

Replacing: 10499094

Servicing: 5MT, SD210, -260, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455010, 10455011, 10455012, 10455013

 ID 12.70, OD 33.30, Thickness 3.20,
Material Leather

Pkg. 10



230515 Screw

Replacing: 1914869
 Servicing: 35MT, 37MT, 40MT, 42MT, 50MT, 1009812, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046
 Thread M8, Total length 29.45, Thread length 24.55

Pkg. 10



230516 Screw

Replacing: 1948537
 Servicing: 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047, 10461048, 10461054, 10461059
 Total length 29.70, Thread length 21.45, Thread size M5



230538 Seal Kit

Servicing: 37MT, 42MT, 1113901, 1113904, 1113919, 1113930, 1113934, 1113943, 1990204, 1990283



230540 Insulation Kit

Replacing: 1946765, 1944841, 1913027, 1906302, 1906046, 1906031, 1851632
 Servicing: 42MT, 1009812, 10478800, 10478807, 10478808, 10478813, 10478830, 10478843, 10478844, 10478845, 10478846, 10478848



230541 Terminal Lead

Replacing: 1988129, 1988128
 Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803, 10478804
 ID 4.50, Lead length 92.80

Pkg. 10



230545# Brake Washer

ID 12.00, OD 30.00, Thickness 1.00



230555 Brake Washer

Replacing: 1911644
 Servicing: 42MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800
 ID 21.40, OD 47.60, Thickness 4.80

Pkg. 5



230594 Connection

Replacing: 1978136, 1876358
 Servicing: 20MT, 22MT, 25MT, 27MT, 10455500, 1107575, 1107581, 1107582, 1107583, 1107584, 1107586, 1107588, 1107589, 1107591
 Mount. hole 4.00, Mount. hole 2 5.00, Total length 50.65
 Connecting field coil to solenoid.



230595 Repair Lead

Servicing: 20MT, 22MT, 25MT, 27MT, 10455301, 10455304, 10455305, 10455306, 10455308, 10455340, 10455355, 10455603, 10496873
 ID 5.45, Length 19.40, Lead length 56.00, Width 11.05
 Repair lead for field coil.

Pkg. 10



230796 Washer

Replacing: 1914647
 Servicing: 30MT, 35MT, 40MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807
 ID 12.70, OD 22.30, Thickness 0.80, Material Steel

Pkg. 10



230798 Insulator

Replacing: 1922457, 1861791
 Servicing: 40MT, 50MT, 1009812, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807
 ID 12.70, OD 23.80, Height 2.20

Pkg. 5



232589# Plug

Servicing: 28MT, DRX67149
 OD 27.20, Height 19.85
 Plate: HC-CARGO 233397.



Pkg. 5

232590 Repair Lead

Replacing: 1988377, 1953236, 10497105
 Servicing: 37MT, 40MT, 41MT, 42MT, 50MT, 10461025, 10461031, 10478820, 10478824, 10478836, 10479023, 10479024, 10479067, 10479069
 ID 13.00/5.00, Length 27.30/24.65, Lead length 209.10, Width 19.10/10.90
 Wire lead from C.E. terminal to solenoid.



Pkg. 5

232916 Gasket

Servicing: 40MT, 50MT
 ID 93.50, ID/mount. hole 16.85, OD 137.35, Thickness 1.65



Pkg. 10

232917 Gasket

Replacing: 112632
 Servicing: 10MT, 20MT, 22MT, 27MT
 ID 89.50, ID/mount. hole 10.20, OD 153.45, Thickness 0.80



Pkg. 5

232918 Gasket

Replacing: 10475908
 Servicing: PG260M, 8000032, 8000129, 8000193, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821
 ID 59.00, OD 70.00, Thickness 0.40


232920 Seal

Servicing: PG260F2



Pkg. 5

232924 Gear Plate

Replacing: 10475642
 Servicing: PG260M, 8000129, 9000798, 9000804, 9000805, 9000806, 9000812, 9000822, 9000827, 9000834, 9000835, 9000844, 9000850
 ID 16.20, OD 70.45, Thickness 8.50


232929 Thermostat

Replacing: 10498158, 10468899
 Servicing: 37MT, 41MT, 42MT, 10478824, 10478836, 10478953, 10478964, 10478965, 10478967, 10478979, 10478997, 10479019, 10479027



Pkg. 5

232933 Stop Collar

Replacing: 10457034
 Servicing: 28MT, 10479619, 1113287
 ID 13.00, OD 20.00, Height 6.40
 Used w/ retaining ring: HC-CARGO 232934.


232985 Mounting Shim

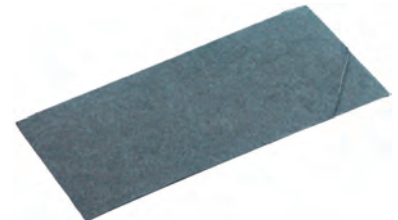
Servicing: 5MT, 10MT
 OD 124.20, Thickness 0.079"



Pkg. 5

232988 Thrust Collar

Replacing: 10495897, 10495828
 Servicing: 5MT, 10MT, PG100, PG150, 10455001, 10455006, 10455008, 10455009, 10455010, 10455011, 10455012, 10455013, 10455015
 ID 12.00, OD 19.00, Height 2.60
 Stop collar: HC-CARGO 233013.



Pkg. 5

232998 Insulator

Replacing: 1914873
 Servicing: 30MT, 35MT, 37MT, 40MT, 41MT, 42MT, 50MT, 1009812, 10461025, 10461031, 10461047, 10478800, 10478807, 10478808, 10478813


232999 Insulator

Replacing: 1955990, 1949620
 Servicing: 40MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1113818, 1113820, 1113824



Pkg. 10

233000 Insulator

Replacing: 1988100

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10478801, 10478802, 10478803, 10478804, 10478805, 10478806, 10478809, 10478810



233007 Connection

Replacing: 1988134, 10476198

Servicing: 42MT, 10478968, 10478971, 10478977, 10478978, 10478980, 10478983, 10478984, 10478985, 10478986, 10478987, 10478988

Mount. hole 7.55, Mount. hole 2 14.45, Total length 67.00
Connecting field coil to solenoid.

Pkg. 5



233009 Retaining Ring

Replacing: 1928022

Servicing: 10MT, 15GR, 20MT, 22MT, 25MT, 27MT, 30MT, 35MT, 10455304, 10455316, 10455317, 10455318, 10455319, 10455320, 10455321

Thickness 1.75, Material Steel
Stop collar: HC-CARGO 233010.

Pkg. 5



233010 Stop Collar

Replacing: 1851546

Servicing: 30MT, 35MT, 1113089, 1113090, 1113111, 1113115, 1113124, 1113136, 1113137, 1113138, 1113139, 1113150, 1113153, 1113155
Used w/ retaining ring: HC-CARGO 233009.



Pkg. 5

233011 Stop Collar

Replacing: 1928021

Servicing: 10MT, 15GR, 20MT, 22MT, 25MT, 27MT, 30MT, 35M, 10455304, 10455340, 10455355, 1998281

ID 14.30, OD 20.00, Height 4.00
Used w/ retaining ring: HC-CARGO 233009.

Pkg. 5



233012# Thrust Collar

Replacing: 1964410

Servicing: 20MT, 22MT, 25MT, 27MT, 10455500, 1107575, 1107577, 1107582, 1107591, 1107599, 1107863, 1107871, 1109197, 1109208

ID 12.50, OD 19.00, Height 2.70
Stop collar: HC-CARGO 233011. Retaining ring: HC-CARGO 233009.

Pkg. 5



233013 Stop Collar

Replacing: 1927849

Servicing: 5MT, 8MT, 10MT, SD210, -250, -255, -260, -300, PG100, -150, -200, -250, 09000756, 09000794, 09000801, 10455001

ID 12.00, OD 17.30, Height 4.30
Used w/ retaining ring: HC-CARGO 233014.

Pkg. 5



233014 Retaining Ring

Replacing: 1927848

Servicing: 5MT, 8MT, 10MT, SD210, -250, -255, -260, -300, PG100, -150, -200, -250, 09000756, 09000794, 09000801, 10455001

Thickness 1.60
Use w/ HC-CARGO 233013.



Pkg. 5

233015 Thrust Collar

Replacing: 1941067, 1927850

Servicing: 5MT, 8MT, 10MT, SD200, -300, 10455004, 10455007, 10455016, 10455017, 10455018, 10455019, 10455020, 10455021, 10455022

ID 12.16, OD 17.50, Height 2.45
Stop collar: HC-CARGO 233013.

Pkg. 5



233142 Gasket

Replacing: 1964857

Servicing: 30MT, 35MT, 37MT, 40MT, 41MT, 42MT, 50MT

ID 33.50, OD 40.00, Thickness 2.50, Material Rubber
Cap: HC-CARGO 232565.

Pkg. 5



233144 Connection

Replacing: 1945862

Servicing: 50MT, 10478800, 10478843, 10478846, 10478848, 10478849, 10478850, 10478851, 10478852, 10478853, 10478854, 10478855

Mount. hole 14.55, Mount. hole 2 14.55, Total length 55.25
Connecting field coil to solenoid.

Pkg. 10



233155 Adjustment Shims

Replacing: 14057993

Servicing: 5MT, 10MT, SD200, SD210
OD 122.00, Material Steel

Pkg. 5



233158 Oil Wick

Replacing: 1985247

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10478801, 10478802, 10478803, 10478804, 10478805, 10478806, 10478809, 10478810

Height/thickness 10.50

Pkg. 5



233159 Oil Wick

Replacing: 1988138, 1978754

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061

Height/thickness 13.00

Pkg. 5



233162# Pipe Plug

Replacing: 9427882, 453465, 10476564, 10476561, 10040001

Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 30MT, 35MT, 40MT, 50MT, 1009812, 10455321, 10455323, 10455336, 10459003, 10459005

Pkg. 10



233408 Screw

Replacing: 9427815, 1984000, 1894931, 1891278

Servicing: 5MT, 10MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019

Thread 10.32, Total length 41.00/64", Thread length 1/2", Head type Hex washer w/ lock.

Pkg. 10



233411 Screw

Replacing: 9413260, 132255

Servicing: 5MT, 10MT, 15MT, 20MT, 22MT, 25MT, 27MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455010, 10455011

Thread 1/4"-20 UNF, Total length 20.40, Thread length 15.50

Pkg. 10



233412 Screw

Replacing: 443527, 274875

Servicing: 10MT, 15MT, 20MT, 22MT, 25MT, 27MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310

Thread 8.00/32.00, Total length 47.00/64", Thread length 5.00/8", Hex washer head drive w/ serrated flange.

Pkg. 10



233413 Screw

Replacing: 1959514

Servicing: 15MT, 20MT, 22MT, 25MT, 27MT, 1107506, 1107508, 1107509, 1107510, 1107511, 1107512, 1107513, 1107515, 1107516, 1107517

Thread 8.00/32.00, Total length 53.00/64", Thread length 3.00/4", Head type Hex washer

Pkg. 10



233417 Screw

Replacing: 1967747

Servicing: 10MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455314, 10455315

Thread 8.00/18.00, Total length 47.00/64", Thread length 5.00/8", Head type Hex washer w/ notch.

Pkg. 10



233418 Nut

Replacing: 9412305

Servicing: 35MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800

Thread 5/16"-24, OD 1/2", Lock nut Yes Nylon insert.

Pkg. 10



233419 Washer Kit

Replacing: 1970988

Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 10455314, 10455320, 10455322, 10455323, 10455324, 10455325, 10455326, 10455327, 10455331

ID 19.00/32.00, OD 9.00/32.00, Thickness 0.098"

Pkg. 10



233694 Washer
 Servicing: 28MT
 ID 10.45, OD 23.60, Thickness 0.20,
 Material Steel

Pkg. 10



233695 Washer
 Servicing: 28MT
 ID 10.50, OD 23.00, Thickness 0.80

Pkg. 10



233979[#] Insulator
 Replacing: 1988125
 Servicing: 37MT, 41MT, 42MT

Pkg. 5



234301 Brake Washer
 Servicing: 37MT
 ID 23.80, OD 54.00, Thickness 3.40,
 Material Fiber

Pkg. 5



234302[#] Brake Washer
 Replacing: 1985235
 Servicing: 37MT, 10478805, 10478806, 10478811,
 10478812, 10478814, 10478815, 10478817,
 10478818, 10478819, 10478825, 10478826
 ID 23.80, OD 54.00, Thickness 3.40

Pkg. 10



235239 Drain Tube
 Servicing: 00E091, 110397, 110566, 111534,
 112161, 17610-Q1010, 500340, CER3087

Pkg. 10



235688 Stop Collar
 Servicing: 19011501, 39MT
 ID 18.00, OD 24.40, Height 5.80

Pkg. 10



235689 Retaining Ring
 Replacing: 10511746
 Servicing: 38MT, 39MT
 ID/housing 16.77, OD/housing 20.67,
 Thickness 1.98, Material Steel,
 Position External
 Stop collar: HC-CARGO 235688.

Drives

130434 Drive

Replacing: 2140108

 ID 12.00, OD 25.30, OD/housing 46.45,
 Total length 61.70, Splines A 9,
 No./teeth 9, Rotation CR

132070 Drive

Replacing: 2155004

 Servicing: 2130, DM2130, DM2134
 ID 14.05, OD 34.50, OD/housing 63.00,
 Total length 77.50, Splines A 6,
 No./teeth 9, Rotation CR

Brush Sets

140465 Brush Set

Replacing: 2110501

 Servicing: 2130, DM2130, DM2134
 12 V, Length 22.15, Lead length 38.00,
 Height 19.90, Thickness 8.81

USX73-852 Brush Set

Replacing: 2140503

 12 V, Length 15.00, Lead length 50.00,
 Height 15.00, Thickness 8.00
 Brush set w/ springs: HC-CARGO 140849.

Bushings

Pkg. 10


140040 Bushing

Replacing: 2142076

Servicing: M78, M79

ID 12.00, OD 15.00, Length 12.00

Alternative no.: B140040

Pkg. 10


140043 Bushing

Replacing: 2140071

ID 12.10, OD 15.05, Length 15.00

Alternative no.: B140043

Pkg. 10


140464 Bushing

Replacing: 2130510

Servicing: 2130, DM2130

ID 13.98, OD 18.00, Length 16.40

Armatures

24 V



136517# Armature

Replacing: 1320-073-00X0

Servicing: 0350-552-0311, 0350-552-0324, 0350-552-0328, 0350-552-0334, 0350-552-0338, 0350-552-0363, 0350-552-0367, 0350-552-0415

24 V, 5.5 kW, Shaft length 176.80, Core thickness 65.00, No./teeth 12

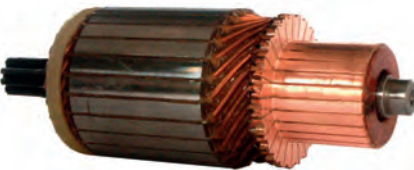


138964 Armature

Replacing: 1320-097-00X0

Servicing: 0350-602-0118, 0350-602-0140, 0350-602-0149, 0350-602-0233, 0350-602-0240, 0350-602-0248, 0350-602-0250, 0350-602-0258

24 V, 6 kW, Shaft length 207.00, Core thickness 65.00, No./teeth 12



234107# Armature

Replacing: 1320-098-00X0

Servicing: 0350-502-0047, 0350-502-0057, 0351-502-0033, 0351-502-0042

24 V, 4.5 kW, Shaft length 170.00, Core thickness 58.00, No./teeth 8



235787 Armature

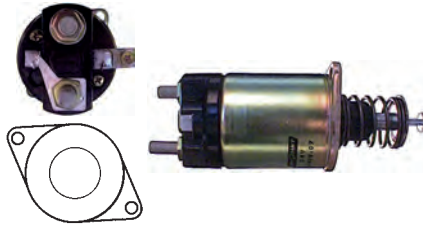
Replacing: 1320-121-00X0

Servicing: 0355-502-0110

24 V, 4.5 kW, Shaft length 164.30, Core thickness 53.91, No./splines 9, No./teeth 9

Solenoids

24 V

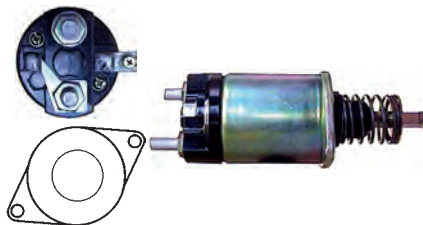


136170 Solenoid

Replacing: 1350-097-00X9

Servicing: 0350-552-0310, 0350-552-0311, 0350-552-0320, 0350-552-0324, 0350-552-0328, 0350-552-0330, 0350-552-0334, 0350-552-0338

24 V, B+ M10, Kl. 50 9.40, ID/cover 21.80, OD 65.20, OD/cover 64.75, Total length 195.45, Height/B+ 25.10, Width/kl. 50 24.95, Coil bolt M10, Coil bolt 2 17.55, No./terminals 3
Cap: HC-CARGO 234554.

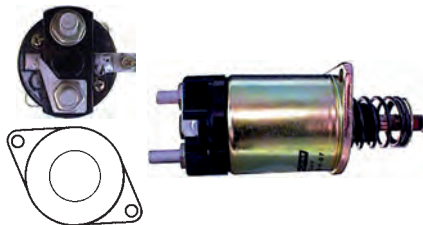


136171 Solenoid

Replacing: 1350-101-00X9

Servicing: 0350-702-0224, 0350-702-0226

24 V, B+ M10, Kl. 50 9.40, ID/cover 22.30, OD 64.00, OD/cover 64.65, Total length 203.25, Height/B+ 24.40, Width/kl. 50 25.20, Coil bolt M10, Coil bolt 2 18.35, No./terminals 3
Cap: HC-CARGO 234554.

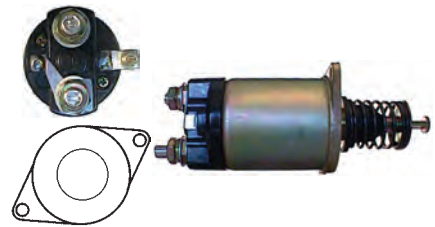


136173 Solenoid

Replacing: 1350-098-00X9

Servicing: 0350-402-0240, 0350-402-0244, 0350-402-0247, 0350-502-0010, 0350-502-0019, 0350-502-0020, 0350-502-0024, 0350-502-0027

24 V, B+ M10, Kl. 50 9.40, ID/cover 22.15, OD 64.00, OD/cover 64.35, Total length 193.45, Height/B+ 25.00, Width/kl. 50 26.00, Coil bolt M10, Coil bolt 2 18.65, No./terminals 3
Cap: HC-CARGO 234554.

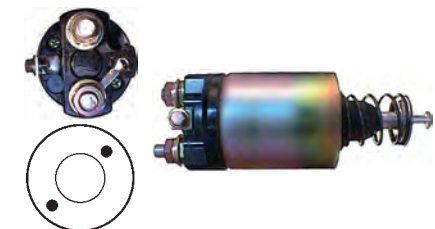


136174 Solenoid

Replacing: 1350-101-11X9, 1350-101-11X8, 1350-101-10X9

Servicing: 0350-702-0141, 0350-702-0230, 0350-702-0234, 0350-702-0235, 0350-702-0240, 0350-702-0245, 0350-702-0249, 0350-702-0260

24 V, B+ M10, Kl. 50 9.40, ID/cover 22.30, OD 65.00, OD/cover 64.65, Total length 199.30, Height/B+ 25.60, Width/kl. 50 24.10, Coil bolt M10, Coil bolt 2 18.55, No./terminals 3
Cap: HC-CARGO 234554.

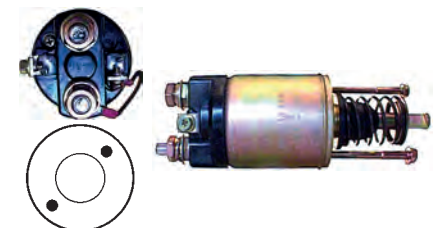


136522# Solenoid

Replacing: 1350-076-00X9

Servicing: 0350-602-0016, 0350-602-0020, 23300-96508, 23300-97061

24 V, B+ M10, Kl. 50 9.40, ID/cover 22.25, OD 65.00, OD/cover 64.80, Total length 192.80, Height/B+ 23.70, Width/kl. 50 13.00, Coil bolt M10, Coil bolt 2 17.90, No./terminals 3

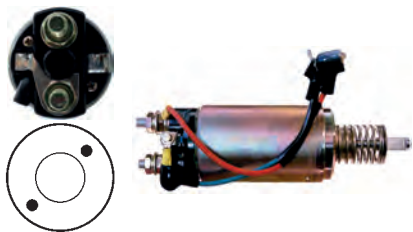


136523 Solenoid

Replacing: 1350-079-10X9, 1350-079-01X9, 1350-079-0109

Servicing: 0350-552-0062, 0350-552-0063, 0350-552-0110, 0350-552-0211, 03500-552-0211, 28100-1443, 28100-1630

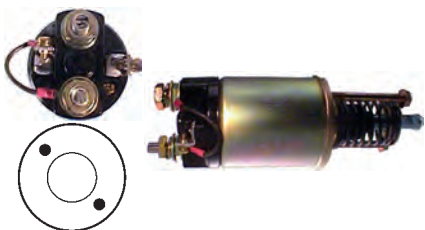
24 V, B+ M10, Kl. 50 9.40, ID/cover 22.00, OD 63.85, OD/cover 64.30, Total length 195.00, Height/B+ 24.30, Width/kl. 50 14.20, Coil bolt M10, Coil bolt 2 18.55, No./terminals 4
Cap: HC-CARGO 234552.


136540 Solenoid

Replacing: 1350-105-11X9, 1350-105-10X9, 1350-105-00X9

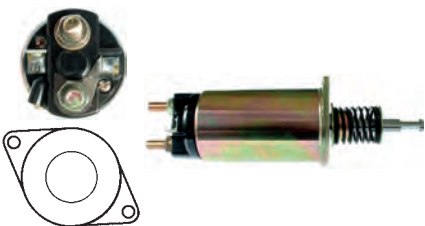
Servicing: 0351-702-0042, 0351-702-0073, 0351-702-0212, 0351-702-0224, 0351-702-0232, 0351-702-0243, 0351-702-0252, 0351-702-0292

24 V, B+ M10, ID/cover 21.60, OD 69.90, OD/cover 64.90, Total length 253.90, Height/B+ 26.80, Coil bolt M10, Coil bolt 2 29.80, No./terminals 4


137280 Solenoid

Replacing: 1350-084-0119, 1350-083-20X9
Servicing: 0350-702-0024, 0350-702-0025, 0350-702-0060

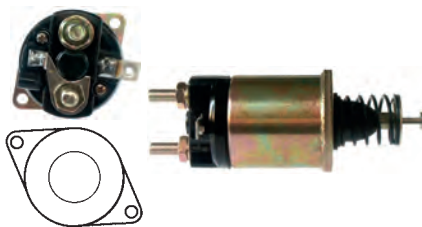
24 V, B+ M10, Kl. 15a 9.40, Kl. 50 9.40, ID/cover 22.20, OD 65.00, OD/cover 64.45, Total length 202.50, Height/B+ 24.50, Width/kl. 15a 12.30, Width/kl. 50 12.40, Coil bolt M10, Coil bolt 2 17.85, No./terminals 4


138967 Solenoid

Replacing: 1350-111-11X9, 1350-111-10X9, 1350-109-32X9, 1350-109-31X9

Servicing: 0351-702-0610, 0351-702-0612, 0351-702-0620, 0351-702-0622, 0351-702-0630, 0351-702-0632, 0351-702-0680, 0351-702-0682

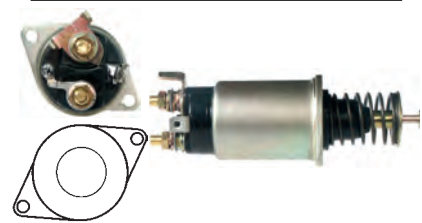
24 V, B+ M10, Kl. 50 9.40, ID/cover 21.60, OD 69.85, OD/cover 64.50, Total length 266.20, Height/B+ 30.20, Width/kl. 50 25.95, Coil bolt M10, Coil bolt 2 27.85, No./terminals 3


234544 Solenoid

Replacing: 1350-114-02X9

Servicing: 0350-502-0047, 0351-502-0042

24 V, B+ M10, Kl. 50 9.40, ID/cover 22.25, OD 64.70, OD/cover 64.85, Total length 190.80, Height/B+ 27.85, Width/kl. 50 24.95, Coil bolt M10, Coil bolt 2 27.85, No./terminals 3


234662 Solenoid

Replacing: 1350-126-71X9, 1350-126-70X9, 1350-126-03X9, 1350-126-02X9

Servicing: 0350-502-0214, 0350-502-0219, 0350-502-0233, 0350-502-0244, 0350-502-0512

24 V, B+ M8, Kl. 50 9.40, ID/cover 22.40, OD 52.20, OD/cover 44.75, Total length 180.50, Height/B+ 21.85, Width/kl. 50 11.55, Coil bolt M8, Coil bolt 2 22.95, No./terminals 3


333019 Solenoid

Replacing: 1350-121-00X9

Servicing: 0350-602-0233, 0350-602-0321

24 V, B+ M10, OD 65.10, Total length 175.00, No./terminals 3

Solenoid Parts
Solenoid Caps

234552 Solenoid Cap

Servicing: 1350-079-01X9, 1350-079-10X9, 1350-084-01X9, 1350-084-10X9, 1350-121-00X9

OD 65.00, No./terminals 3


234554 Solenoid Cap

Replacing: 1359-063-00X9, 1359-063-00X8

Servicing: 0350-402-0247, 0350-502-0019, 0350-502-0027, 0350-502-0067, 0350-502-0077, 0350-552-0311, 0350-552-0328, 0350-552-0338

OD 65.15, No./terminals 3
HC-CARGO 136170, 136171, 136173.

Moving Contacts

234551 Moving Contact

Servicing: 1350-079-01X9, 1350-079-10X9, 1350-084-01X9, 1350-084-10X9, 1350-084-11X9, 1350-084-20X9, 1350-097-00X9, 1350-101-00X9

Shaft measurement 31.85, Thickness 5.00
Plate: 42.00x20.00x5.40 mm.

Brush Gears

136528 Brush Gear

Replacing: 1331-046-00X0, 1331-043-00X0

Servicing: 0350-702-0224, 0350-702-0234, 0350-702-0245, 0350-702-0265, 0350-702-0273, 0350-702-0284, 0350-702-0293, 0350-702-0314

OD 76.60

Neg. brushes. Brush set: HC-CARGO 140828.


136529 Brush Gear

Replacing: 1331-039-00X0

Servicing: 0350-552-0311, 0350-552-0324, 0350-552-0328, 0350-552-0334, 0350-552-0338, 0350-552-0363, 0350-552-0367, 0350-552-0415

OD 72.65

Neg. brushes. Brush set: HC-CARGO 140829.



Brush Sets

Pkg. 5



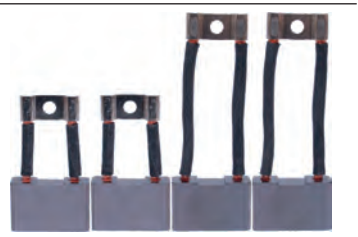
140823 Brush Set
 Replacing: 2660-057-00X0
 Servicing: 0350-552-0020, 0350-552-0030, 0350-552-0063, 0350-552-0110, 0350-552-0141, 0350-552-0211, 0350-602-0016, 0350-602-0037
 24 V, Length 20.00, Lead length 37.50, Height 28.00, Thickness 10.00



140829 Brush Set
 Replacing: 2660-071-00X7
 Servicing: 0350-552-0311, 0350-552-0328, 0350-552-0338, 0350-552-0367, 0350-602-0092, 0350-602-0118, 0350-602-0139, 0350-602-0212
 24 V, Length 20.00, Lead length 39.50, Height 28.00, Thickness 10.00

Bushings

Pkg. 10



140824 Brush Set
 Replacing: 2660-068-10X0, 2660-068-00X0
 Servicing: 0351-702-0031, 0351-702-0042, 0351-702-0073, 0351-702-0212, 0351-702-0224, 0351-702-0232, 0351-702-0243, 0351-702-0252
 24 V, Length 22.00, Lead length 73.00, Lead length 2 37.00, Height 35.00, Thickness 10.00



140520 Bushing
 Replacing: 2620-011-00X0, 2602-000-00X0
 ID 19.00, OD 23.00, Length 19.00

Pkg. 5



140828 Brush Set
 Replacing: 2660-074-00X7
 Servicing: 0350-702-0141, 0350-702-0150, 0350-702-0180, 0350-702-0226, 0350-702-0235, 0350-702-0249, 0350-702-0265, 0350-702-0273
 24 V, Length 22.50, Lead length 61.00, Lead length 2 37.50, Height 35.00, Thickness 10.00

140835 Bushing
 Replacing: 2620-094-00X9
 Servicing: 0350-402-0020, 0350-402-0116, 0350-402-0123, 0350-402-0133, 0350-402-0217, 0350-402-0228, 0350-402-0247, 0350-402-0251
 ID 17.10, OD 19.05, Length 19.96
 w/ teflon.

Brush Sets



140574 Brush Set

Replacing: IM0006

12 V, Length 15.00, Lead length 35.00,
Height 10.00, Thickness 7.00

Drives

Drive Parts

Various

Pkg. 10



234254# Stop Collar
 ID 12.55, OD 28.65, Height 9.75
 Drive: HC-CARGO 234122.

Brush Sets



141210 Brush Set
 Replacing: 33849
 Servicing: 33835
 12 V, Length 16.80, Lead length 35.00,
 Lead length 2 41.45, Height 9.50,
 Thickness 6.30



141211 Brush Set
 Replacing: 32572
 12 V, Length 14.20, Lead length 51.00,
 Height 9.40, Thickness 7.90

Bushings

Pkg. 10



141214 Bushing
 Replacing: STC7100, 141214
 ID 15.80, OD 20.00, Length 12.55

Pkg. 10



141215 Bushing
 Replacing: STC7101, 141215
 ID 10.00, OD 19.05, Length 12.25

Pkg. 10



141216 Bushing
 Replacing: STC7102, 141216
 Servicing: 33605, 33835
 ID 12.70, OD/collar 19.10, OD 15.80,
 Length 11.40, Height/collar 1.72

Pkg. 10



141217 Bushing
 Replacing: STC7103, 141217
 Servicing: 33835
 ID 9.60, OD/collar 17.75, OD 12.70,
 Length 9.62, Height/collar 1.63

All measurements are in mm, unless else stated.
 *Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Armatures

12 V



234213 Armature

Replacing: AT13855, 1385540AT30SM, 1385540

Servicing: 1077740DV30SM, 1122940-MO30SM, 1799640MO30SM, 2030940MO30SM, 4367040MO30SM, 4367140MO30SM, 4367240MO30SM, 4769540MO30SM

12 V, Shaft length 198.50, Core thickness 55.20, No./splines 6, Rotation ACR

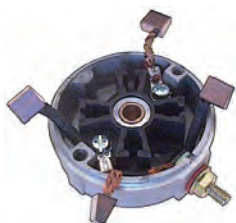


234217# Armature

Replacing: 5667340, 5663540AT30SM

12 V, Shaft length 168.10, Core thickness 55.25, No./splines 7, Rotation ACR

C.E. Brackets



136655 C.E. Bracket

Replacing: CP551353AS, CP20716, CP20250, CP01456, 4743140CP30SM, 2071640CP30SM, 2025040CP30SM, 1693240CP30SM

Servicing: 0139940MO30SM, 0228940MO30SM, 0246540MO30SM, 0246640MO30SM, 0599440-MO30SM, 0599540MO30SM, 0797740MO30SM, 0996140MO30SM

12 V. w/ brushes.



136660 C.E. Bracket

Replacing: CP551406AS, CP551406A, 5703840CP30SM, 5668140CP30SM, 1822140CP30SM, 1127040CP30SM, 0261240CP30SM

Servicing: 0203740SM30SM, 0255640-MO30SM, 157440MO30SM, 1574440MO30SM, 1574540MO30SM, 1819040MO30SM, 4438540MO30SM, 5059240MO30SM

12 V. w/ brushes.

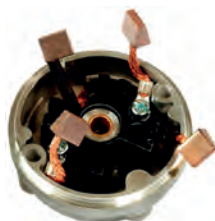


137045 C.E. Bracket

Replacing: CP48749, CP48719, CP48231, CP48230, CP48229, CP17188, 4872940SC-30SM, 4872940CP30SM, 4872940

Servicing: 1065221MO30SM, 1147840MO30SM, 4820140MO30SM, 4820440MO30SM, 4820540MO30SM, 4836940MO30SM, 4838740MO30SM, 4886540MO30SM

12 V. w/ brushes.



231004 C.E. Bracket

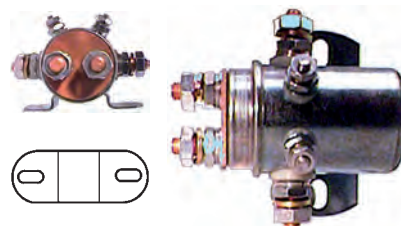
Replacing: CP18197A3, 566864CP30SM, 5668640C930SM, 2136140C930SM, 1819740CP30SM

Servicing: 1819140MO30SM, 4733040MO30SM, 56666440MO30SM, 5666640MO30SM, SM18191

12 V. w/ brushes.

Solenoids

12 V



138068 Solenoid

Replacing: SO51189

12 V, 200 Amp, Intermittent load 900 Amp., B+ 5/16" UNF, KI. 50 10-32 UNF, OD 42.00, Total length 89.35, Height/B+ 12.00, Width/ki. 50 8.00, Coil bolt 5/16" UNF, Coil bolt 2 12.00, Seconds 5, No./terminals 6 Silver contact.

24 V



230697 Solenoid

Replacing: 6095740

24 V, B+ M8, KI. 50 6.30, ID/cover 22.60, OD 53.20, OD/cover 44.45, Total length 166.30, Height/B+ 22.20, Width/ki. 50 24.45, Coil bolt M8, Coil bolt 2 22.20, No./terminals 3

Drives



135400 Drive

Replacing: DV70175, DV18019, 7017540DV30SM, 7017540, 1801940DV30SM, 1801940

Servicing: 0139940MO30SM, 0228940MO30SM, 0246540MO30SM, 0246640MO30SM, 0319940MO30SM, 0996340MO30SM, 1065221MO30SM, 1097028MO30SM

ID 12.85, OD 31.75, Total length 36.75, Splines A 6, No./teeth 10, Rotation ACR Bronze.



135401# Drive
 Replacing: DV16375, 1637540DV30SM
 Servicing: 0255640-MO30SM, 4411940-MO30SM, SM02556, SM44119, SM48510
 ID 12.85, OD 43.00, OD/housing 41.30,
 Total length 36.40, Splines A 6,
 No./teeth 11, Rotation ACR
 Bronze.



135402 Drive
 Replacing: DV70104, DV47871, DV08154, 7010440DV30SM, 4787140DV30SM, 0815440DV30SM
 Servicing: 0814240MO30SM, 4820440MO30SM, 4820540MO30SM, 4886540MO30SM, 5275640MO30SM, 5672740MO30SM, SM08142, SM14916, SM17183
 ID 12.15, OD 27.00, Total length 35.65,
 Splines A 6, No./teeth 8, Rotation ACR
 Bronze.



135403 Drive
 Replacing: DV02557, 0255740DV30SM
 Servicing: 0996140MO30SM, SM09961, SMH12B31, SMH12B37
 ID 12.15, OD 29.00, OD/housing 41.75,
 Total length 35.00, Splines A 6,
 No./teeth 9, Rotation ACR
 Bronze.



135404 Drive
 Replacing: DV20346, 2034640DV30SM
 Servicing: 1122940-MO30SM, 1574440MO30SM, 1574540MO30SM, 1799640MO30SM, 5059240MO30SM, 5071240MO30SM, SM002610, SM02610, SM10629
 ID 13.00, OD 36.55, OD/housing 41.80,
 Total length 35.50, Splines A 6,
 No./teeth 9, Rotation ACR



135406# Drive
 Replacing: DV44192, 4419240DV30SM
 Servicing: 4412040MO30SM, 5273440MO30SM, SM44120
 ID 12.85, OD 29.00, OD/housing 41.75,
 Total length 36.85, Splines A 6,
 No./teeth 9, Rotation ACR
 Bronze.



135408 Drive
 Replacing: DV18200, 1820040DV30SM
 Servicing: 1819040-MO30SM, 1819040MO30SM, 1819140MO30SM, 2134940-MO30SM, 2134940MO30SM, 5213140-MO30SM, 5213140MO30SM
 ID 12.15, OD 29.00, OD/housing 41.50,
 Total length 36.55, Splines A 6,
 No./teeth 9, Rotation ACR
 Bronze.



135409 Drive
 Replacing: DV551067AS, DV551067A, DV551067, DV47338, 5695KT30SM, 5695340KT30SM, 4733840DV30SM
 Servicing: 0599440-MO30SM, 0599540MO30SM, 1570140MO30SM, 1635340-MO30SM, 4733040MO30SM, 5129640MO30SM, 5665740MO30SM
 ID 10.45, OD 32.25, Total length 28.00,
 Splines A 7, No./teeth 10, Rotation ACR



135410 Drive
 Replacing: DV551092AS, DV551092A
 Servicing: SMH12A102, SMH12A201, SMH12A202, SMH13A102, SMH13A201, SMH13A202, SMH13A62
 ID 10.50, OD 32.20, OD/housing 41.75,
 Total length 30.00, Splines A 4,
 No./teeth 10, Rotation ACR
 Bronze.



230399 Drive Kit
 Replacing: 6024140GE30SM
 Servicing: 6013840MO30SM, 6019440MO30SM
 OD 40.00, Total length 19.50, No./teeth 16

Drive Parts

Pinion



139395 Pinion
 Replacing: 280104
 ID 20.50, OD 41.00, Height 11.50,
 No./splines 2, No./teeth 16

Brush Gears
Brush Gear Parts
Brush Holders

230402 Brush Box

Replacing: BH551008S, 1868540

 Servicing: 0139940M030SM,
0228940M030SM, 0246540M030SM,
0246640M030SM, 1065221M030SM,
1791640M030SM, 1791740M030SM,
2020740M030SM

OD 44.00

Brush Sets

140714 Brush Set

 Replacing: KT20249, KT10900,
6073540KT30SM, 5716740KT30SM,
5265440KT30SM, 4793640KT30SM,
2024940KT30SM

 Servicing: 0139940M030SM,
0196540M030SM, 0203740SM30SM,
0228940M030SM, 0246540M030SM,
0246640M030SM, 0255640-MO30SM,
0319940M030SM

 12 V, Length 11.10 (0.437"),
Lead length 70.00, Lead length 2 34.44,
Height 12.70 (0.500"),
Thickness 7.90 (0.311")
w/ bushings: HC-CARGO 140747.

140747 Brush Set

Servicing: SMH12A102

 12 V, Length 11.10 (0.437"),
Lead length 73.50, Lead length 2 37.00,
Height 12.70 (0.500"),
Thickness 7.90 (0.311")

140749 Brush Set

 Replacing: KT47601, KT21368,
4760140KT30SM, 2136840KT30SM

 Servicing: 1819140M030SM, 2134940M030SM,
4367240M030SM, 4367340M030SM,
4733040M030SM, 5082740M030SM,
5129640M030SM, 5213240M030SM

 12 V, Length 11.10 (0.437"),
Lead length 73.00, Lead length 2 37.00,
Height 12.70 (0.500"),
Thickness 7.90 (0.311")

141053 Brush Set

Replacing: 391705

 12 V, Length 14.90 (0.587"),
Lead length 43.50, Height 9.40 (0.370"),
Thickness 6.20 (0.244")

Bushings

Pkg. 10


141226 Bushing

Replacing: BG661011S, 5664940

ID 13.20, OD 19.10, Length 11.90

Pkg. 10


141227 Bushing

Replacing: BG3037S

 Servicing: 0139940M030SM,
0228940M030SM, 0246540M030SM,
0246640M030SM, 0255640-MO30SM,
0261040M030SM, 0599440-MO30SM
ID 8.50, OD 11.70, Length 10.00

141228 Bushing

Replacing: BG3038S

 Servicing: 0139940M030SM,
0228940M030SM, 0246540M030SM,
0246640M030SM, 0255640-MO30SM,
0261040M030SM, 0599440-MO30SM

 ID 17.10, OD/collar 25.30,
OD 20.10/25.30, Length 13.50, Height/
collar 1.55

Sundry Parts
Various

231162 Stop Collar Kit

 Replacing: KT18900, 5695240KT30SM,
1890040KT30SM, 1890040

 Servicing: 1819040M030SM,
1819140M030SM, 2134940M030SM,
5213140M030SM, 5213240M030SM,
5666240-MO30SM, 5666240M030SM

Armatures

12 V



130241# Armature
 Replacing: NE034, 077771
 Servicing: D8E117, D8E133, D8E137, D8E139, D8E140, D8E147, D8E151, D9E11, D9E17, D9E19, D9E28, D9E7, D9E9
 12 V, 0.9/1.05/1.15 kW, Shaft length 250.35, Core thickness 56.00, No./splines 12, Rotation CR



130949# Armature
 Replacing: NE296
 Servicing: 534002A, 534003A, 534003B, 534003C, 534004A, 534004B, 534005A, 534005B, 534005C
 12 V, 0.8/1 kW, Shaft length 210.00, Core thickness 60.00, No./splines 9, Rotation CR



131069 Armature
 Replacing: NE040, 095425
 Servicing: D11E153, D11E153T
 12 V, 2.9 kW, Shaft length 330.00, Core thickness 75.40, No./splines 12, Rotation CR



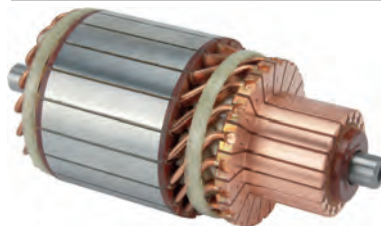
131094# Armature
 Replacing: NE288
 Servicing: 532002A, 532002B, 532002C, 532003A, 532003B, 532004A, 532004B, 532004C, 532009A, 532009B, 532010A, 532010B, 532018A
 12 V, 0.8/0.95/1 kW, Shaft length 244.50, Core thickness 56.50, No./splines 11, Rotation CR



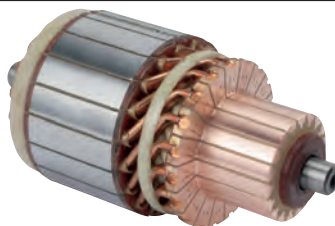
131190# Armature
 Replacing: NE050, 099741
 Servicing: D11E172, D11E272
 12 V, 2.5 kW, Shaft length 282.90, Core thickness 75.65, No./splines 9, Rotation CR



131813 Armature
 Replacing: NE053, 102380, 101581
 Servicing: D9E100, D9E101, D9E108, D9E123, D9E124, D9E125, D9E127, D9E129, D9E137, D9E138, D9E200, D9E237, D9E238, D9E276, D9E278
 12 V, 1.05/1.2 kW, Shaft length 188.70, Core thickness 60.00, No./splines 9, Rotation CR



132027 Armature
 Replacing: 594148, 182175, 182049
 Servicing: D9R105, D9R1050, D9R106, D9R116, D9R118, D9R119, D9R122, D9R126, D9R134, D9R135, D9R139, D9R142, D9R144, D9R149, D9R73
 12 V, 2/2.2/3.1 kW, Shaft length 137.70, Core thickness 60.00, Rotation CR
 Gear: HC-CARGO 135867.



132028 Armature
 Replacing: 594028, 192053, 182053
 Servicing: D9R112, D9R121, D9R84, D9RP256
 12 V, 2/3.1 kW, Shaft length 128.80, Core thickness 60.00, No./teeth 15, Rotation CR
 Gear: HC-CARGO 135867.



132173# Armature
 Replacing: NE046, 098356
 Servicing: D11E169, D11E176
 12 V, 2.8/2.9 kW, Shaft length 319.20, Core thickness 75.50, No./splines 9, Rotation CR



132199# Armature
 Replacing: NE054, 101649
 Servicing: D11E177
 12 V, 1.4 kW, Shaft length 291.50, Core thickness 76.20, No./splines 9



132486 Armature
 Replacing: TM200B01601B
 Servicing: HK988300, MG120413, MG120445, MG122404, MG122423, MG122433, TM000A06101, TM000A06901, TM000A14901
 12 V, 2 kW, Shaft length 152.00, Core thickness 53.20, No./teeth 9, Rotation CR/ACR
 Alternative no.: F032132486



132618 Armature
 Replacing: 101923
 Servicing: D9E31, D9E32, D9E40, D9E45, D9E53, D9E64, D9E75, D9E82, D9E87, D9E95
 12 V, 1.05/1.2 kW, Shaft length 203.50, Core thickness 60.00, No./splines 9, Rotation CR



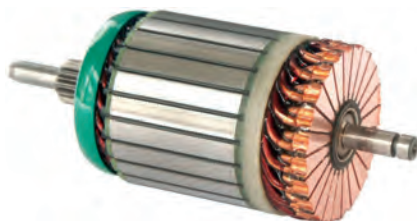
133136 Armature
 Replacing: NE042, 095981
 Servicing: D11E142, D11E159, D11E165
 12 V, 1.95 kW, Shaft length 280.50,
 Core thickness 75.90, No./splines 12,
 Rotation CR



133221 Armature
 Replacing: NE295
 Servicing: 532012A, 532012B, 532021A,
 532023A
 12 V, 0.75 kW, Shaft length 219.50,
 Core thickness 56.60, No./splines 9,
 Rotation ACR



133970 Armature
 Replacing: NC082, 092999
 12 V, 3.5 kW, Shaft length 328.00,
 Core thickness 75.00, No./splines 12,
 Rotation CR



134513 Armature
 Replacing: 594526
 Servicing: D6RA10, D6RA100, D6RA11,
 D6RA12, D6RA13, D6RA132, D6RA133,
 D6RA15, D6RA16, D6RA162, D6RA165,
 D6RA168, D6RA17, D6RA18
 12 V, 1.1 kW, Shaft length 111.90,
 Core thickness 44.20, No./teeth 13,
 Rotation CR/ACR



134736 Armature
 Replacing: 2EM0689H
 Servicing: M000A01901, M000A0240Z,
 M35216, M39376, M39646, M43196,
 MC107023, MC108024, MC109015,
 MC109018, MC109021, MC109025
 12 V, 0.8 kW, Shaft length 183.10,
 Core thickness 60.00, No./splines 8,
 Rotation CR



134935 Armature
 Replacing: 074771
 Servicing: D11E131, D11E146
 12 V, 2.9 kW, Shaft length 325.50,
 Core thickness 75.90, No./splines 6,
 Rotation CR



135387 Armature
 Replacing: NE824, 594344, 594278, 594112,
 182591
 Servicing: 1250128, D7R1, D7R11, D7R12,
 D7R127, D7R13, D7R14, D7R15, D7R151, D7R16,
 D7R17, D7R18, D7R19, D7R2, D7R20, D7R22, D7R23
 12 V, 1.4-2.7 kW, Shaft length 141.00,
 Core thickness 50.00, No./teeth 16,
 Rotation CR/ACR



136427 Armature
 Replacing: 074653
 Servicing: D11E119, D11E119T, D11E129,
 D11E129T, D11E137, D11E141, D11E154
 12 V, 2.9 kW, Shaft length 337.50,
 Core thickness 75.65, No./splines 6,
 Rotation CR



136881 Armature
 Replacing: 095972
 Servicing: D11E158, D11E160
 12 V, 2.6 kW, Shaft length 305.40,
 Core thickness 75.60, No./splines 12,
 Rotation CR



137291 Armature
 Replacing: 075371
 Servicing: D11E120
 12 V, 2.6 kW, Shaft length 305.50,
 Core thickness 75.70, No./splines 6,
 Rotation CR

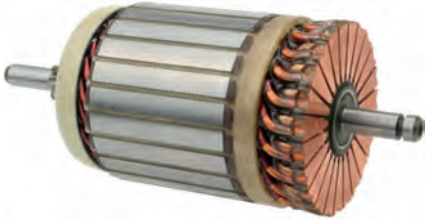


139434 Armature
 Replacing: 594519
 Servicing: 105119C, D7E1, D7E15, D7E16,
 D7E18, D7E19, D7E2, D7E20, D7E22, D7E23,
 D7E25, D7E27, D7E29, D7E30, D7E31, D7E32,
 D7E38
 12 V, 0.85/1 kW, Shaft length 155.50,
 Core thickness 50.00, No./splines 10
 Can only be used w/ drive: HC-CARGO
 139477.



139593 Armature
 Replacing: 594531, 594529
 Servicing: D6RA100, D6RA105, D6RA107,
 D6RA115, D6RA12, D6RA137, D6RA138, D6RA141,
 D6RA15, D6RA161, D6RA163, D6RA168, D6RA185
 12 V, 1.1 kW, Shaft length 111.92,
 Core thickness 44.30, No./teeth 8,
 Rotation CR
 Alternative no.: F032139593

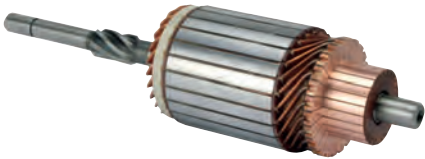
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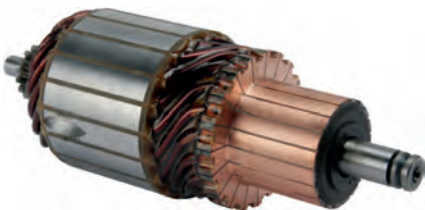
230250 Armature
Replacing: 594530, 594528
Servicing: 626002, D6RA100, D6RA101, D6RA104, D6RA105, D6RA107, D6RA108, D6RA109, D6RA110, D6RA114, D6RA115, D6RA15, D6RA167
12 V, 1.1 kW, Shaft length 112.00, Core thickness 44.00, No./teeth 7



233767 Armature
Manufacturer: Valeo
Replacing: 594518
Servicing: 105119C, D7E1, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E30, D7E31, D7E32, D7E38, D7E39
12 V, 0.85 kW, Shaft length 155.50, Core thickness 50.00, No./splines 10, Rotation CR
Can only be used w/ drive: HC-CARGO 239359.

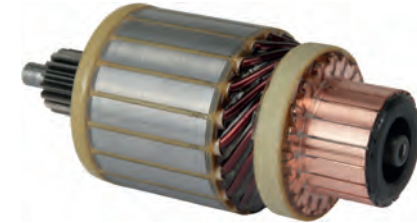


235790 Armature
Replacing: NE018, 58071
Servicing: D11E102, D11E111, D11E135, D11E140, D11E144, D11E61, D11E70, D11E74, D11E75, D11E78, D11E84, D11E86, D11E93, D11E95
12 V, Shaft length 310.50, Core thickness 75.90, No./splines 6, Rotation CR



235870 Armature
12 V, 1.8 kW, Shaft length 145.50, Core thickness 49.70, No./teeth 16

236271 Armature
Replacing: 594621, 594471
Servicing: 190895, D7G11, D7G3, D7G4, D7G6, D7GS17, D7GS7, TS18E7
12 V, 2 kW, Shaft length 118.60, Core thickness 49.72, No./teeth 13



236358 Armature
Replacing: 594781, 594683
Servicing: 191335, 458389, D7G14, D7G15, D7G20, D7G26, D7GS10, D7GS8, D7GS9, TS18E1, TS18E13, TS18E3, TS18E33, TS18E331, TS18ER121
12 V, 2 kW, Shaft length 118.55, Core thickness 49.65, No./teeth 16, Rotation CR/ACR



236611 Armature
Replacing: 594673, 236611
Servicing: D6GS11, D6GS12, D6GS12M, TS12ER20
12 V, 1 kW, Shaft length 111.85, Core thickness 44.30, No./teeth 13, Rotation CR



236796 Armature
Replacing: 594650, 236796, 236653
Servicing: D6G1, D6G32, D6G321, D6G332, D6GS11, D6GS12M, D6GS19, TS12E200, TS12E30, TS12E9, TS12E901, TS12E902, TS12ER19, TS14E11
12 V, 1.3 kW, Shaft length 111.90, Core thickness 44.25, No./teeth 10, Rotation CR



237085 Armature
Servicing: HQ808670, MG122202, MG122433, TM000A18601, TM000A23601, TM000V23601
12 V, 2.2 kW, Shaft length 152.00, Core thickness 53.50, No./splines 9



238767 Armature
Replacing: 594721
Servicing: TS10E1, TS10E11, TS10E3, TS10E4, TS10E5, TS8E1, TS8E2, TS8E3, TS8E4, TS8E5, TS8E6
12 V, Shaft length 155.50, Core thickness 50.00, No./splines 10, Rotation CR



333776 Armature
Replacing: 595581
Servicing: FS10E10, FS10E3
12 V, Shaft length 156.20, Core thickness 53.90, No./splines 4

24 V



132956 Armature
Replacing: 106062
Servicing: D13E117TE, D13E118TE, D13E119TE, D13E120TE, D13E121TE, D13E122TE, D13E123, D13E1231TE, D13E123TE
24 V, 8.8 kW, Shaft length 432.90, Core thickness 84.85, No./splines 19, Rotation CR/ACR


231466 Armature

Replacing: 594192

Servicing: D13HP701, D13HP702, D13HP703, D13HP704, D13HP705, D13HP709

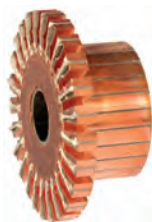
24 V, 7.7 kW, Shaft length 433.00, Core thickness 85.00, No./splines 19, Rotation CR


233697 Armature

Replacing: NE936, 594219

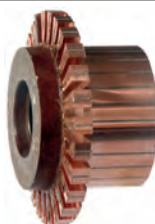
Servicing: D13HP601, D13HP605, D13HP607, D13HP608, D13HP609, D13HP613

24 V, 6.6 kW, Shaft length 397.00, Core thickness 84.80, No./splines 19

Armature Parts
Various

B134597# Commutator

Replacing: B134597

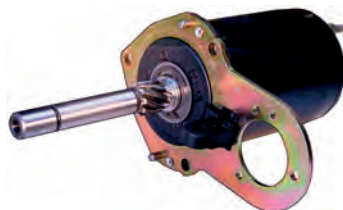
Bar dist. 2.90, Bar cross dist. 48.10, ID 17.00, ID/bar lane 45.90, OD 70.15, Bar length 11.10, Height/bar 6.25, Height/bar lane 23.30, Total height 31.90, No./bars 25


B234458# Commutator

Replacing: B234458

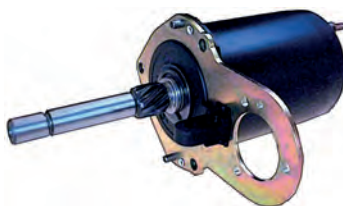
Servicing: 594219

Bar dist. 3.25, Bar cross dist. 58.90, ID 21.40, ID/bar lane 55.90, OD 83.30, Bar length 12.00, Height/bar 8.10, Height/bar lane 28.70, Total height 47.70, No./bars 27

Gear set

133079 Gear Set

Replacing: 594237, 594234, 594232, 594207, 594151, 594105, 594021, 594019, 594015

Servicing: D6RA10, D6RA12, D6RA13, D6RA132, D6RA141, D6RA16, D6RA18, D6RA20, D6RA22, D6RA23, D6RA26, D6RA30, D6RA32, D6RA33

 12 V, 1.1 kW, Oil sealed No, Waterproof No
Outer gear plate: HC-CARGO 133954.

136908 Gear Set

Replacing: 594024

Servicing: D6RA20, D6RA21, D6RA42, D6RA43, D6RA44

12 V, 1/1.3 kW, Rotation ACR


231072# Gear Set

Replacing: 594363

Servicing: D6RA181, D6RA81

12 V, 1.1 kW

Yokes w/ magnets
12 V

137399 Yoke

Replacing: 594535, 594534

Servicing: 626002, D6RA10, D6RA100, D6RA101, D6RA104, D6RA105, D6RA107, D6RA108, D6RA109, D6RA110, D6RA114, D6RA115, D6RA12

12 V, 1.1 kW, OD/middle 63.55, Length 96.25, Brush gear w/o, Magnets w/


230020 Yoke (A.C.R.)

Servicing: D6RA42, D6RA43

12 V, OD/middle 63.40, Length 96.25, Rotation ACR, Brush gear w/o, Magnets w/


236364 Yoke

Replacing: 594680, 236364

Servicing: 458389, D7GS10, D7GS8, D7GS9, TS18E1, TS18E3, TS18ER121, TS18ER123, TS18ER20

12 V, 2 kW, OD/middle 74.50, Length 37.80, Rotation ACR, Brush gear w/o

Field Cases

135392 Field Case

Manufacturer: Valeo

Replacing: NE845, 594305, 594276, 594115

Servicing: D7R1, D7R11, D7R12, D7R127, D7R13, D7R15, D7R151, D7R16, D7R17, D7R18, D7R2, D7R20, D7R22, D7R24, D7R25, D7R26, D7R27

 12 V, 1.4/1.7 kW, OD/middle 76.30, Length 119.35, Brush gear w/
Field coil: HC-CARGO 138857.

139985 Field Case

Manufacturer: Valeo

Replacing: 594354, 594277

Servicing: 188839, D7R19, D7R23, D7R28, D7R281, D7R34, D7R36, D7R37, D7R40, D7R43, D7R46, D7R48, D7R49, D7R61, D7R64, D7RP204

 12 V, 2/2.2 kW, OD/middle 76.20, Length 116.15, Brush gear w/
Field coil: HC-CARGO 233853.


231476 Field Case

Replacing: 594523, 594522, 594478, 594477
 Servicing: 105119C, D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32
 12 V, 0.85/1 kW, OD/middle 78.30, Length 44.50, Brush gear w/
 Brush gear: HC-CARGO 139224. Brush set: HC-CARGO PSX1554.


234386 Field Case

Manufacturer: Valeo
 Replacing: 594394
 Servicing: D7R47, D7RS129, D7RS130, D7RS131, D7RS29, D7RS30, D7RS301, D7RS31
 12 V, 2 kW, OD/middle 76.20, Length 116.50, Rotation ACR, Brush gear w/

Field Coils
12 V

131127 Field Coil

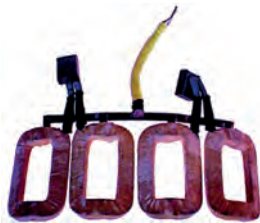
Replacing: NE092, 102101, 101061, 099382
 Servicing: D9E100, D9E102, D9E131, D9E138, D9E200, D9E238, D9E300, D9E31, D9E32, D9E40, D9E43, D9E44, D9E45, D9E46, D9E49, D9E51
 12 V, 1.05 kW, Height 80.65, Width 197.40, Internal height 48.65, Inner width 24.20


132108[#] Field Coil

Replacing: NE103, 104150
 Servicing: D10E85, D10E87, D10E88, D10E881, D10E882, D10E89, D10E90, D10E92, D10E921, D10E922
 12 V, 2.15 kW, Height 110.65, Internal height 78.35, Inner width 25.00


133167 Field Coil

Replacing: 182201, 099745
 Servicing: D11E172, D11E272
 12 V, 2.5 kW, Height 131.20, Width 268.25, Internal height 85.70, Inner width 26.00


136320 Field Coil

Replacing: 594240, 594157, 544059, 182498, 182051
 Servicing: D9R105, D9R1050, D9R106, D9R116, D9R118, D9R119, D9R122, D9R126, D9R134, D9R135, D9R139, D9R142, D9R144, D9R149, D9R73
 12 V, 2/2.2/3.1 kW, Height 85.00, Width 104.50, Internal height 47.25, Inner width 23.50


136428 Field Coil

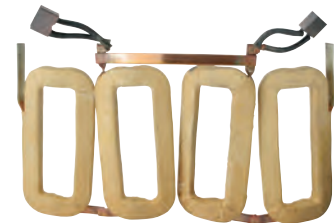
Replacing: 074077
 Servicing: D11E119, D11E119T, D11E129, D11E129T, D11E131, D11E137, D11E141, D11E146, D11E154, D11E155, D11E169
 12 V, 2.9 kW, Height 119.45, Internal height 86.75, Inner width 26.70


137289 Field Coil

Replacing: 073315
 Servicing: D11E118, D11E120, D11E158, D11E160
 12 V, 2.6 kW, Height 101.50, Internal height 64.15, Inner width 26.15


138857 Field Coil

Replacing: 182594
 Servicing: D7R1, D7R11, D7R12, D7R127, D7R13, D7R15, D7R151, D7R16, D7R17, D7R18, D7R2, D7R20, D7R24, D7R25, D7R26, D7R27, D7R3
 12 V, 1.4/1.7 kW, Height 60.15, Internal height 31.15, Inner width 14.30
 Yoke: HC-CARGO 135392.


235789 Field Coil

Replacing: 97895
 Servicing: D11E102, D11E111, D11E140, D11E144, D11E61, D11E70, D11E74, D11E75, D11E77, D11E93, D11E95, D11E97
 12 V, 3 kW, Height 128.45, Width 251.00, Internal height 85.00, Inner width 25.50

24 V

137957[#] Field Coil

Replacing: 182039
 Servicing: D13E117TE, D13E118TE, D13E119TE, D13E120TE, D13E121TE, D13E122TE, D13E123, D13E1231TE, D13E123TE
 24 V, 8.8 kW, Height 165.50, Internal height 110.90, Inner width 30.50


230599 Field Coil

Manufacturer: Valeo

Replacing: 594195

Servicing: D13HP701, D13HP702, D13HP703, D13HP705, D13HP709

24 V, 7.7/8 kW, Height 167.45, Width 306.80, Internal height 112.60, Inner width 27.85


230733 Field Coil

Replacing: 594221

Servicing: D13HP601, D13HP605, D13HP607, D13HP608, D13HP609, D13HP613

24 V, 6.6/7.2 kW, Height 145.00, Internal height 89.30, Inner width 29.15

C.E. Brackets

137219 C.E. Bracket

Replacing: TM009C02001Z

Servicing: MG120413, MG122404, MG122433, MG232415, TM000A06101, TM000A06901

ID 76.50


230032 C.E. Bracket

Manufacturer: Valeo

Replacing: 594253, 594130, 594129

Servicing: D6RA10, D6RA100, D6RA107, D6RA110, D6RA12, D6RA13, D6RA132, D6RA133, D6RA141, D6RA15, D6RA16, D6RA161, D6RA162, D6RA163

ID 62.30

Contains: Brush set: HC-CARGO PSX144-

145K. Brush gear: HC-CARGO 133647.

Gasket: HC-CARGO 134106.


230214 C.E. Bracket

Servicing: D9R105, D9R118, D9R121, D9R122, D9R73, D9R84, D9R89, D9R90, D9R91, D9R97, D9R99


231000 C.E. Bracket

Replacing: 2EM0578E

Servicing: M000A01901, M000A0240Z, M04686, M35216, M39376, M39646, M43196, MC107023, MC108024, MC108027, MC108030, MC109011

ID 84.50


231354 C.E. Bracket

Servicing: 626002, D6RA10, D6RA100, D6RA101, D6RA104, D6RA105, D6RA107, D6RA114, D6RA115, D6RA12, D6RA13, D6RA137, D6RA138


233914# C.E. Bracket

Replacing: 73726N

Servicing: D11E122, D11E122T

OD 116.35, Height 31.10


235187 C.E. Bracket

Servicing: 105119C, D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32

D.E. Brackets

135485 D.E. Bracket

Replacing: 2EM0654B

Servicing: M39646, MC107012, MC107023, MC109018, MC109025, TM000A27301


231193 D.E. Bracket

Replacing: TM090A04301

Servicing: M000A01901, M39376, MC109032


231238 D.E. Bracket

Replacing: 594579

Servicing: D6RA132, D6RA162, D6RA163, D6RA249, D6RA293, D6RA32, D6RA62, D6RA93


231537 D.E. Bracket

Replacing: 594569

Servicing: D6RA133, D6RA33, D6RA46, D6RA56, D6RA61, D6RA72, D6RA73


231849 D.E. Bracket

Replacing: 100234



233125 D.E. Bracket
Servicing: D9R73



233317 D.E. Bracket
Replacing: 594488
Servicing: D7R13, D7R18, D7R25, D7R35



233318 D.E. Bracket
Replacing: 594487
Servicing: D7R12, D7R127, D7R2, D7R20, D7R24, D7R26, D7R27, D7R32, D7R4, D7R8, D8R27, D8R29



233801# D.E. Bracket
Servicing: D9R119, D9R149, D9RP160



234152# D.E. Bracket
Manufacturer: Valeo
Replacing: 594592
Servicing: D6RA83, D6RAD183, D6RADP359, D6RAP229



234172 D.E. Bracket
Servicing: M52100, M53486, TM000A07901, TM000A08401



234390 D.E. Bracket
Manufacturer: Valeo
Replacing: 594501
Servicing: D7RS130, D7RS30, D7RS301



234391 D.E. Bracket
Manufacturer: Valeo
Replacing: 594502
Servicing: D7RS131, D7RS31



235133 D.E. Bracket
Replacing: 594510
Servicing: 105119C, D7E19, D7E22, D7E4, D7E6, TS10E3, TS10E4, TS10E5



235335 D.E. Bracket
Replacing: 594508
Servicing: D7E18, D7E28, D7E38, D7E4, D7E8, D7ED28, D7ED281
Bearing: HC-CARGO 141233.



236805 D.E. Bracket
Replacing: 594597
Servicing: D6RA105, D6RA115

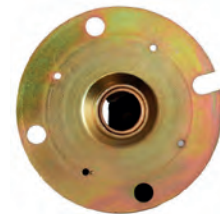
I.M. Brackets



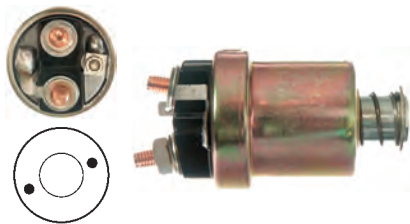
139139 I.M. Bracket
Servicing: D9R112, D9R116, D9R118, D9R119, D9R121, D9R122, D9R142, D9R144, D9R149, D9R73, D9R84, D9R89, D9R90, D9R91, D9R97, D9R99
Bushing: HC-CARGO 140258. Needle bearing: HC-CARGO 140375.



231196 I.M. Bracket
Replacing: TM008B00601Z
Servicing: HK988300, MG120413, MG120445, TM000A06101, TM000A14901



231720# I.M. Bracket
Replacing: 074657
Servicing: D11E118, D11E119, D11E120, D11E131, D11E137, D11E139T, D11E141, D11E146, D11E148, D11E158, D11E167T, D11E193
ID 24.00

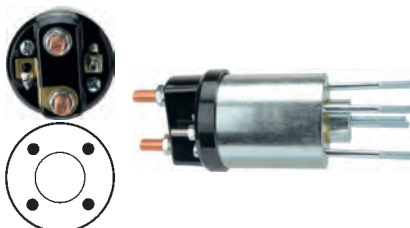
Solenoids
12 V

131009 Solenoid

Replacing: NE361, NE355

Servicing: 532026A, 6020E, 6020EF, 6020F, 6035F, 6081E, 6081F

12 V, B+ M8, Kl. 50 6.30, OD 46.00, OD/cover 47.80, Total length 107.80, Height/B+ 16.00, Width/kl. 50 16.35, Coil bolt M8, Coil bolt 2 8.55, No./terminals 3

Cap: HC-CARGO 131321.

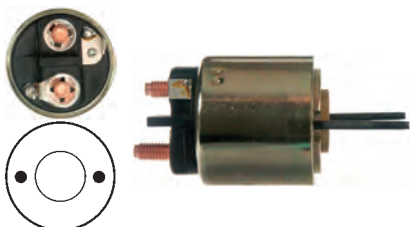

131071 Solenoid

Replacing: CED539, CED512, CED510, CED502, CED501, 182438, 095759, 094795, 074764, 073302

Servicing: D10E47, D10E48, D10E54, D10E63, D10E64, D10E73, D10E80, D10E84, D11E118, D11E119, D11E119T, D11E120, D11E126, D11E129

12 V, B+ M8, Kl. 50 M5, OD 54.35, OD/cover 60.80, Total length 163.50, Height/B+ 14.70, Width/kl. 50 11.50, Coil bolt M8, Coil bolt 2 11.35, No./terminals 3

Cap: HC-CARGO 134401.

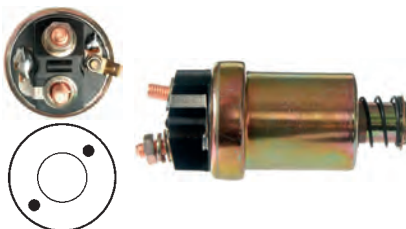

131171 Solenoid

Replacing: CED529, 182461, 102217

Servicing: D10E88, D10E881, D10E882, D10E89, D10E90, D9E102, D9E108, D9E127, D9E36, D9E38, D9E48, D9E49, D9E50, D9E51, D9E53

12 V, B+ M8, Kl. 50 6.30, OD 53.90, OD/cover 47.00, Total length 113.15, Height/B+ 15.40, Width/kl. 50 14.50, Coil bolt M8, Coil bolt 2 11.00, No./terminals 3

Cap: HC-CARGO 132033.

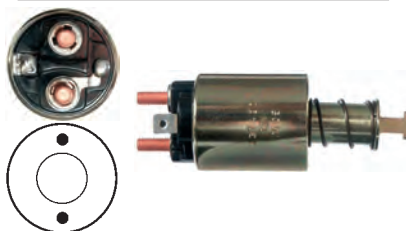

131208 Solenoid

Replacing: 077265

Servicing: 6099C, 6099D

12 V, B+ M8, Kl. 50 6.30, OD 45.80, OD/cover 47.75, Total length 127.65, Height/B+ 16.70, Width/kl. 50 9.25, Coil bolt M8, Coil bolt 2 9.80, No./terminals 3

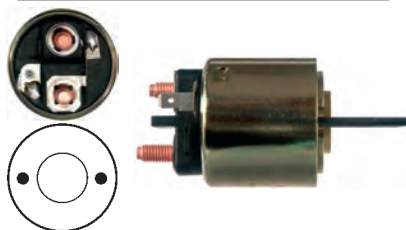
Cap: HC-CARGO 133768.


131431 Solenoid

Replacing: 442911

12 V, B+ M8, Kl. 50 9.40, OD 52.15, OD/cover 44.35, Total length 125.55, Height/B+ 18.70, Width/kl. 50 11.70, No./terminals 3

Cap: HC-CARGO 134620. Moving contact: HC-CARGO 139853.

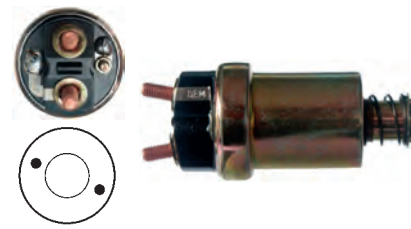

131584 Solenoid

Replacing: NE138, CED544, CED538, CED533, 105489, 103794, 103489, 102849

Servicing: D10E88, D10E881, D10E882, D10E89, D9E127, D9E38, D9E48, D9E49, D9E51, D9E53, D9E56, D9E57, D9E61, D9E62, D9E64, D9E66

12 V, B+ M8, Kl. 50 6.30, ID/cover 25.15, OD 54.00, OD/cover 44.25, Total length 112.20, Height/B+ 15.35, Width/kl. 50 14.15, Coil bolt M8, Coil bolt 2 10.70, No./terminals 3

Cap: HC-CARGO 132826. Moving Contact: HC-CARGO 132037.

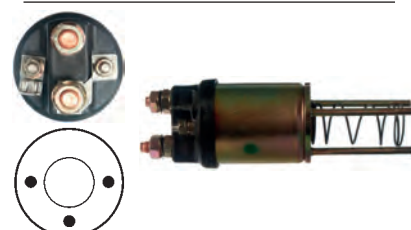

131797 Solenoid

Replacing: NE362

Servicing: 6056H, 6056J, 6109F, 6109G, 6109H, 6109K, 6109L

12 V, B+ M8, Kl. 50 M5, OD 45.80, OD/cover 47.65, Total length 128.00, Height/B+ 14.50, Width/kl. 50 13.60, Coil bolt M8, Coil bolt 2 15.10, No./terminals 3

Cap: HC-CARGO 133768.

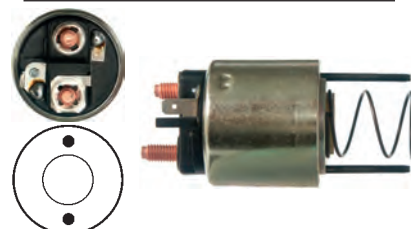

131798 Solenoid

Replacing: NE137, NE132, CED468, CED461, CED460, CED458, CED454, CED451, CED448, CED444, CED442, CED439

Servicing: D10E66, D10E72, D10E74, D10E79, D10E96, D8E107, D8E112, D8E115, D8E117, D8E120, D8E121, D8E123, D8E129, D8E130, D8E131

12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, ID/cover 20.15, OD 46.75, OD/cover 51.35, Total length 158.50, Height/B+ 19.00, Width/kl. 15a 10.00, Width/kl. 50 12.45, Coil bolt M8, Coil bolt 2 14.55, No./terminals 4

Cap: HC-CARGO 131333.

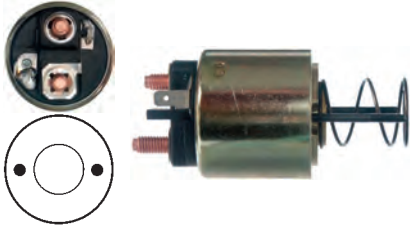

132024 Solenoid

Replacing: CED550, 181404

Servicing: D9E104, D9E40, D9R90, D9R96, D9R97

12 V, B+ M8, Kl. 50 6.30, ID/cover 25.10, OD 54.00, OD/cover 45.20, Total length 112.10, Height/B+ 16.25, Width/kl. 50 13.45, Coil bolt M8, Coil bolt 2 12.15, No./terminals 3

Cap: HC-CARGO 132826.

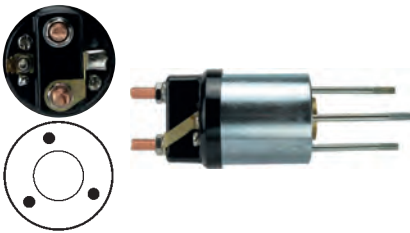


132025 Solenoid

Replacing: CED568, CED549, 594156, 594098, 181069, 100462

Servicing: D9R121, D9R122, D9R126, D9R73, D9R84, D9R89, D9R91

12 V, B+ M8, Kl. 50 6.30, ID/cover 25.15, OD 54.00, OD/cover 48.65, Total length 112.25, Height/B+ 15.00, Width/kl. 50 14.25, Coil bolt M8, Coil bolt 2 10.60, No./terminals 3
Cap: HC-CARGO 132826.

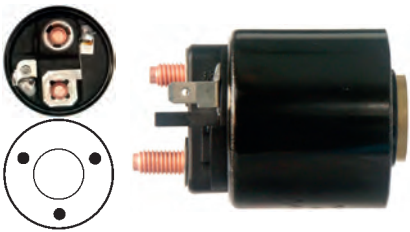


132268 Solenoid

Replacing: NE129, CED514, CED511, 300752, 182452, 102197, 098048, 096666

Servicing: D11E163, D11E164, D11E169, D11E172, D11E173, D11E176, D11E177, D11E178, D11E187, D11E272

12 V, B+ M8, Kl. 50 6.30, ID/cover 25.10, OD 54.30, OD/cover 59.50, Total length 164.40, Height/B+ 22.25, Width/kl. 50 12.55, Coil bolt M8, Coil bolt 2 12.35, No./terminals 3
Cap: HC-CARGO 134145.

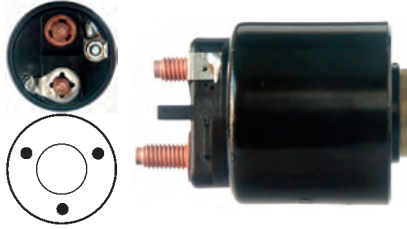


132976 Solenoid

Replacing: NE777, CED552, 594604, 594370, 594325, 594322, 594319, 594275, 594273, 594269, 594268, 594267

Servicing: D6RA10, D6RA12, D6RA13, D6RA141, D6RA15, D6RA20, D6RA210, D6RA39, D6RA40, D6RA41, D6RA42, D6RA44, D6RA45, D6RA46

12 V, B+ M8, Kl. 50 6.30, ID/cover 25.30, OD 54.15, OD/cover 46.15, Total length 80.60, Height/B+ 16.00, Width/kl. 50 12.60, Coil bolt M8, Coil bolt 2 11.00, No./terminals 3
Cap: HC-CARGO 132826.

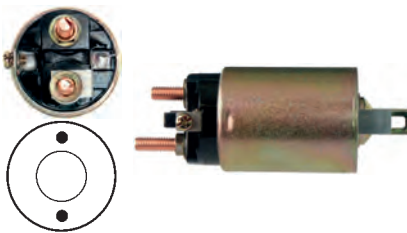


132977 Solenoid

Replacing: NE139, CES569, CED569, CED564, CED563, 594189, 594188, 594119, 594117, 594087, 594047, 182563

Servicing: 626002, D6RA107, D6RA109, D6RA114, D6RA12, D6RA16, D6RA161, D6RA162, D6RA168, D6RA17, D6RA18, D6RA19, D6RA22, D6RA23

12 V, B+ M8, Kl. 50 6.30, ID/cover 25.00, OD 54.00, OD/cover 48.85, Total length 80.45, Height/B+ 15.00, Width/kl. 50 10.50, Coil bolt M8, Coil bolt 2 10.60, No./terminals 3
Cap: HC-CARGO 134402.

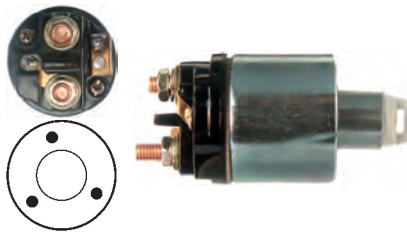


133050 Solenoid

Replacing: TM400B08301

Servicing: TM000A06101

12 V, B+ M8, Kl. 50 9.40, OD 55.15, OD/cover 48.60, Total length 144.00, Height/B+ 27.65, Width/kl. 50 12.45, Coil bolt M8, Coil bolt 2 19.40, No./terminals 3
Cap: HC-CARGO 133286.

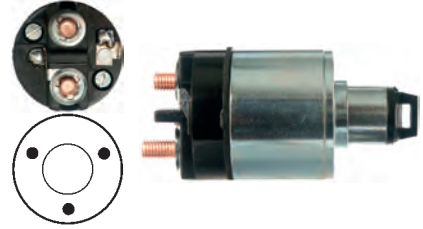


133120 Solenoid

Replacing: NE347

Servicing: 532025A, 532025B, 534032A, 534047A, 534051A, 534052A

12 V, B+ M8, Kl. 50 6.30, ID/cover 23.15, OD 50.90, OD/cover 51.55, Total length 96.85, Height/B+ 16.15, Width/kl. 50 12.60, Coil bolt M8, Coil bolt 2 12.15, No./terminals 3
Cap: HC-CARGO 132274.

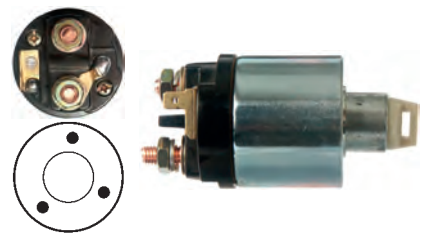


133121 Solenoid

Replacing: NE346

Servicing: 534023A, 534039A, 534044A, 534046A, 534050A, 534050B

12 V, B+ M8, Kl. 50 6.30, ID/cover 23.25, OD 52.00, OD/cover 52.00, Total length 94.80, Height/B+ 13.00, Width/kl. 50 11.35, Coil bolt M8, Coil bolt 2 9.00, No./terminals 3
Cap: HC-CARGO 133771.

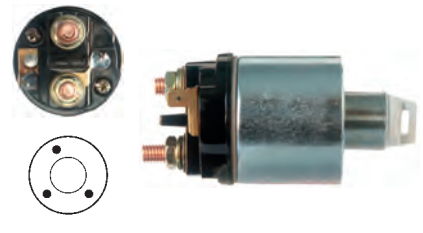


133122 Solenoid

Replacing: NE348

Servicing: 534029A, 534031A, 534042A, 534042B, 534043A

12 V, B+ M8, Kl. 50 6.30, ID/cover 23.25, OD 50.75, OD/cover 51.65, Total length 97.00, Height/B+ 15.85, Width/kl. 50 11.55, Coil bolt M8, Coil bolt 2 12.10, No./terminals 3
Cap: HC-CARGO 132035.

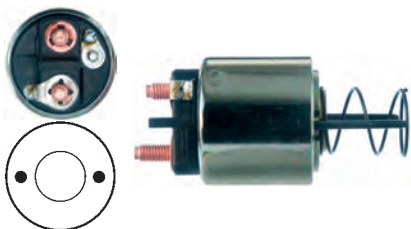


133123 Solenoid

Replacing: NE350

Servicing: 534045A, 534048A, 534049A

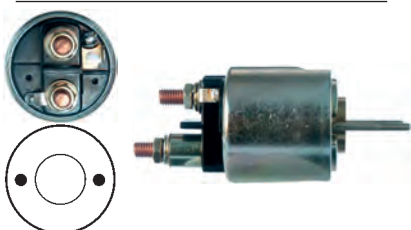
12 V, B+ M8, Kl. 50 6.30, ID/cover 23.30, OD 50.80, OD/cover 51.55, Total length 97.00, Height/B+ 16.40, Width/kl. 50 11.85, Coil bolt M8, Coil bolt 2 12.00, No./terminals 3
Cap: HC-CARGO 131172.


133128 Solenoid

Replacing: NE815, NE785, CED565, CED518, 594355, 594155, 504047, 182520, 182464, 099932

Servicing: 105119C, D7E19, D7E26, D7E4, D7E6, D9E101, D9E36, D9E38, D9E54, D9E62, D9R119, D9R122, D9R149, D9RP160, TS10E4, TS10E5

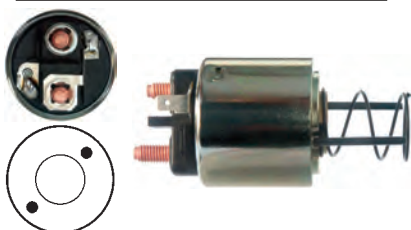
12 V, B+ M8, KI. 50 6.30,
ID/cover 25.20, OD 54.15, OD/cover 44.35,
Total length 111.15, Height/B+ 15.50,
Width/kl. 50 11.00, Coil bolt M8,
Coil bolt 2 10.00, No./terminals 3
Cap: HC-CARGO 134402.


133151 Solenoid

Replacing: CED517, 182457, 099378

Servicing: D9E131, D9E132, D9E43, D9E44, D9E83

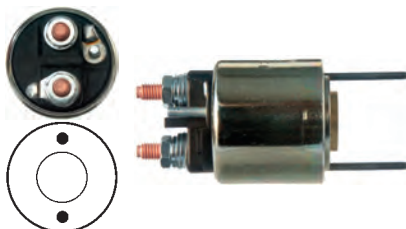
12 V, B+ M8, KI. 50 6.30,
ID/cover 25.25, OD 54.25, OD/cover 48.00,
Total length 123.30, Height/B+ 10.70,
Width/kl. 50 13.55, Coil bolt M8,
Coil bolt 2 14.70, No./terminals 3
Cap: HC-CARGO 133156.


133163 Solenoid

Replacing: CED540, 182459, 104604

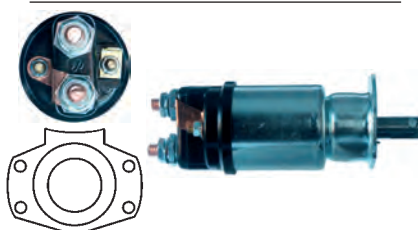
Servicing: D9E137, D9E138, D9E237, D9E238, D9E276, D9E39, D9E40, D9E52, D9E76, D9E77, D9E771

12 V, B+ M8, KI. 50 6.30,
ID/cover 25.30, OD 53.90, OD/cover 44.50,
Total length 112.00, Height/B+ 15.00,
Width/kl. 50 14.25, Coil bolt M8,
Coil bolt 2 10.00, No./terminals 3
Cap: HC-CARGO 132826.


133166 Solenoid

Replacing: CED528, 182463, 108458, 102190
Servicing: D9E278, D9E46, D9E68, D9E78, D9E79

12 V, B+ M8, KI. 50 M5,
ID/cover 25.00, OD 53.90, OD/cover 48.35,
Total length 118.00, Height/B+ 20.35,
Width/kl. 50 16.60, Coil bolt M8,
Coil bolt 2 19.60, No./terminals 3
Cap: HC-CARGO 134402.

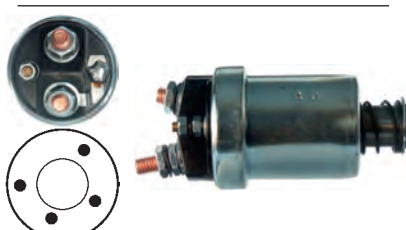

133169 Solenoid

Manufacturer: Valeo

Replacing: CED429, CED416, CED41, CED406, CED402, 182442, 076870, 053459

Servicing: D11E144, D11E58, D11E69, D11E75, D11E78, D11E84, D11E85, D8E104, D8E106, D8E111, D8E113, D8E116, D8E119, D8E122, D8E124

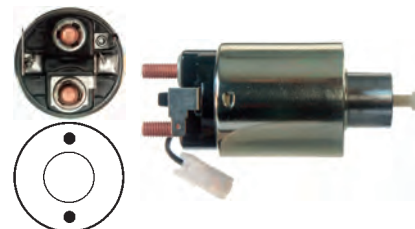
12 V, B+ M8, KI. 50 6.30, OD 47.70,
OD/cover 53.30, Total length 154.00,
Height/B+ 15.90, Width/kl. 50 14.65,
Coil bolt M8, Coil bolt 2 15.20,
No./terminals 3
Cap: HC-CARGO 133376.


133178 Solenoid

Replacing: 612459

Servicing: 6160D, 6160E, 6160F, 6160G, 6169A, 6169B

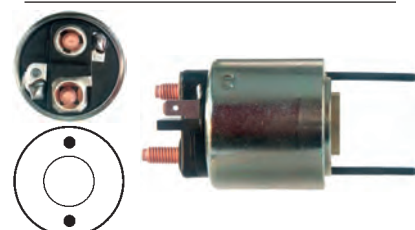
12 V, B+ M8, KI. 50 M5, OD 46.30,
OD/cover 51.15, Total length 122.00,
Height/B+ 19.60, Width/kl. 50 13.90,
Coil bolt M8, Coil bolt 2 9.00,
No./terminals 3
Cap: HC-CARGO 131323.


133289 Solenoid

Replacing: 36120-11130

Servicing: M39646, MC109018, MC109025, MG112014, MP112040

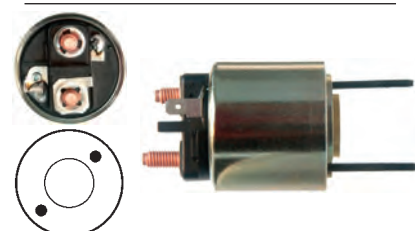
12 V, B+ M8, KI. 50 6.30,
ID/cover 25.15, OD 51.55, OD/cover 45.15,
Total length 122.30, Height/B+ 16.55,
Width/kl. 50 21.00, Coil bolt M8,
Coil bolt 2 16.00, No./terminals 4
Cap: HC-CARGO 134915.


133532 Solenoid

Replacing: NE159, CED541, 104594

Servicing: D9E278, D9E46, D9E55, D9E68, D9E78, D9E79

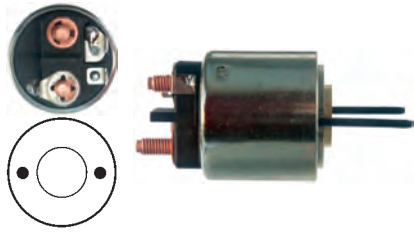
12 V, B+ M8, KI. 50 6.30,
ID/cover 25.20, OD 54.00, OD/cover 48.20,
Total length 112.25, Height/B+ 15.00,
Width/kl. 50 13.85, Coil bolt M8,
Coil bolt 2 10.30, No./terminals 3
Cap: HC-CARGO 132826.


133533 Solenoid

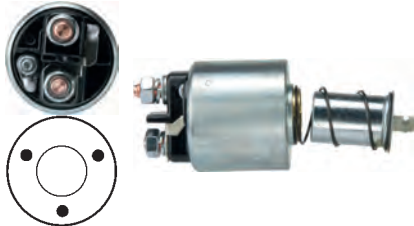
Replacing: NE142, NE141, CED548, CED546, CED537, 594053, 182460, 106143, 106142

Servicing: D10E85, D10E92, D10E921, D10E922, D9E113, D9E114, D9E137, D9E138, D9E237, D9E238, D9E276, D9E39, D9E45, D9E76, D9E761

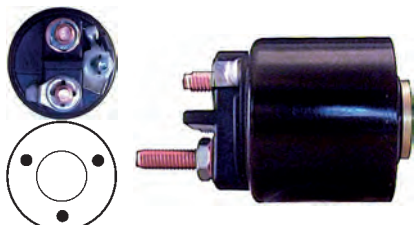
12 V, B+ M8, KI. 50 6.30,
ID/cover 25.30, OD 54.00, OD/cover 48.00,
Total length 112.25, Height/B+ 15.30,
Width/kl. 50 13.90, Coil bolt M8,
Coil bolt 2 10.50, No./terminals 3
Cap: HC-CARGO 132826.



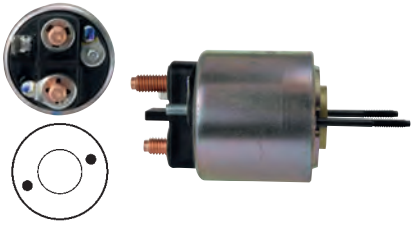
133534 Solenoid
 Replacing: NE140, NE134, CED543, 182462, 105254
 Servicing: D10E87, D9E100, D9E140, D9E200, D9E300, D9E81, D9E87, D9E95
 12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, ID/cover 25.00, OD 54.00, OD/cover 48.00, Total length 112.00, Height/B+ 15.25, Width/kl. 15a 14.95, Width/kl. 50 14.00, Coil bolt M8, Coil bolt 2 10.45, No./terminals 4
 Cap: HC-CARGO 133633.



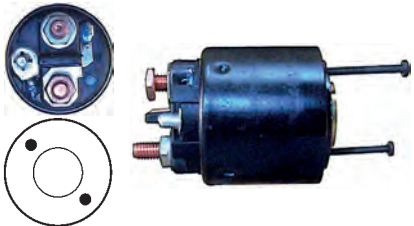
135390 Solenoid
 Replacing: 594426, 594365, 594140, 594118
 Servicing: D6RA100, D6RA42, D6RA43, D6RA572, D7R1, D7R11, D7R15, D7R151, D7R3, D7R45, TM000A27601
 12 V, B+ M8, Kl. 50 M5, ID/cover 25.25, OD 53.90, OD/cover 47.85, Total length 80.30, Height/B+ 16.00, Width/kl. 50 8.35, Coil bolt M8, Coil bolt 2 11.25, No./terminals 3
 Cap: HC-CARGO 132034.



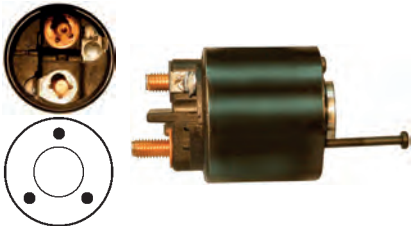
136255 Solenoid
 Replacing: 594704, 594607, 594280, 594271, 182717
 Servicing: D6RA132, D6RA138, D6RA163, D6RA17, D6RA18, D6RA185, D6RA19, D6RA22, D6RA27, D6RA29, D6RA32, D6RA34, D6RA40, D6RA50
 12 V, B+ M8, Kl. 50 M6, ID/cover 25.15, OD 53.90, OD/cover 45.65, Total length 91.60, Height/B+ 27.25, Width/kl. 50 13.30, Coil bolt M8, Coil bolt 2 11.20, No./terminals 3
 Cap: HC-CARGO 136367.
 Alternative no.: 610331



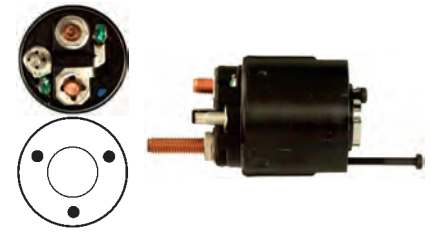
137300 Solenoid
 Replacing: 594054
 Servicing: D9R116, D9R144
 12 V, B+ M8, Kl. 50 6.30, ID/cover 25.30, OD 53.85, OD/cover 44.30, Total length 111.80, Height/B+ 15.20, Width/kl. 50 16.15, Coil bolt M8, Coil bolt 2 10.60, No./terminals 4
 Insulated return. Cap: HC-CARGO 232010.



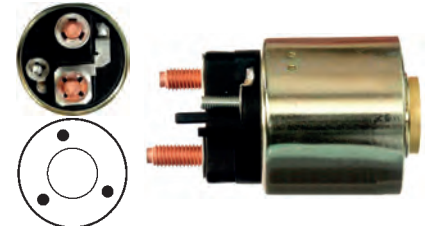
139476 Solenoid
 Replacing: CED5033, 594452, 594447, 594421, 594347
 Servicing: D7E18, D7E29, D7E30, D7E31, D7E32, D7E38, D7E4, D7E40, D7E41, D7E42, D7E7, D7E8, TS8E3, TS8E4, TS8E5
 12 V, B+ M8, Kl. 50 M6, ID/cover 25.00, OD 53.75, OD/cover 45.75, Total length 80.70, Height/B+ 15.30, Width/kl. 50 9.00, Coil bolt M8, Coil bolt 2 11.10, No./terminals 3
 Cap: HC-CARGO 231268.



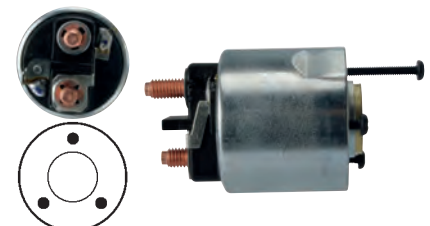
230222 Solenoid
 Manufacturer: Valeo
 Replacing: 594138
 Servicing: D6RA26, D6RA30, D6RA47
 12 V, B+ M8, Kl. 50 6.30, ID/cover 25.35, OD 54.00, OD/cover 49.55, Total length 80.40, Height/B+ 15.15, Width/kl. 50 13.30, Coil bolt M8, Coil bolt 2 9.40, No./terminals 3



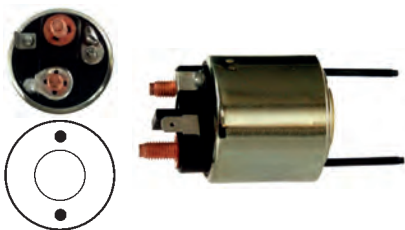
231163 Solenoid
 Replacing: 594362
 Servicing: D6RA181, D6RA59, D6RA81, D6RA91
 12 V, B+ M8, Kl. 50 M6, ID/cover 17.60, OD 54.00, OD/cover 51.90, Total length 89.30, Switch dim. 7.50, Height/B+ 29.50, Width/kl. 50 13.30, No./terminals 3



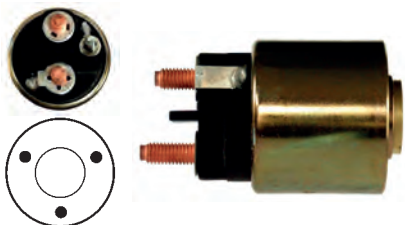
231610 Solenoid
 Replacing: 594181
 Servicing: D6RA37, D6RA50, D6RA51, D6RA511, D6RA57, D6RA571
 12 V, B+ M8, Kl. 50 M5, ID/cover 25.00, OD 53.95, OD/cover 45.40, Total length 91.00, Height/B+ 19.00, Width/kl. 50 12.95, Coil bolt M8, Coil bolt 2 14.70, No./terminals 3
 Cap: HC-CARGO 231765.



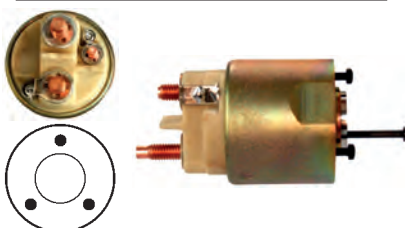
231718 Solenoid
 Replacing: 594208
 Servicing: D6RA133, D6RA141, D6RA33, D6RA41, D6RA45, D6RA46, D6RA53, D6RA61, D6RA63
 12 V, B+ M8, Kl. 50 6.30, ID/cover 25.20, OD 54.00, OD/cover 44.50, Total length 80.15, Height/B+ 15.00, Width/kl. 50 6.30, Coil bolt M8, Coil bolt 2 9.35, No./terminals 3
 Cap: HC-CARGO 132826.


232011 Solenoid

Replacing: NE421, CED530, 182458, 102295
 12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30,
 ID/cover 25.20, OD 54.00,
 OD/cover 44.50, Total length 112.30,
 Height/B+ 15.00, Width/kl. 15a 8.80,
 Width/kl. 50 14.90, Coil bolt M8,
 Coil bolt 2 10.40, No./terminals 3


232012 Solenoid

Replacing: NE898, 594183, 594048
 Servicing: D6RA12, D6RA16, D6RA161,
 D6RA38, D6RA66, D6RA661, D6RA72,
 D6RA721, D6RA74, D8R27, D8R29
 12 V, B+ M8, Kl. 50 M5,
 ID/cover 25.25, OD 53.85, OD/cover 45.40,
 Total length 91.40, Height/B+ 19.70,
 Width/kl. 50 13.30, Coil bolt M8,
 Coil bolt 2 14.65, No./terminals 3
 Cap: HC-CARGO 231766.


232041 Solenoid

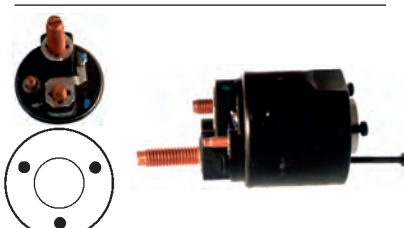
Manufacturer: Valeo
 Replacing: 594638, 594411
 Servicing: D6RA105, D6RA115, D7R44,
 D7R47, D7R49, D8R49
 12 V, B+ M8, Kl. 50 M5,
 ID/cover 25.25, OD 54.00, OD/cover 45.85,
 Total length 91.00, Height/B+ 19.45,
 Width/kl. 50 10.70, Coil bolt M8,
 Coil bolt 2 9.35, No./terminals 3
 Cap: HC-CARGO 232204.
 Alternative no.: 335192


233708 Solenoid

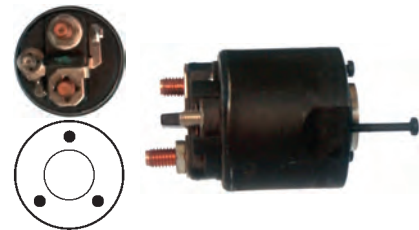
Replacing: 594266
 Servicing: D9R149
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 39.35, OD 54.00, OD/cover 51.85,
 Total length 119.00, Height/B+ 15.58,
 Width/kl. 50 10.80, Coil bolt M8,
 Coil bolt 2 10.85, No./terminals 3
 Cap: HC-CARGO 136367.


233795 Solenoid

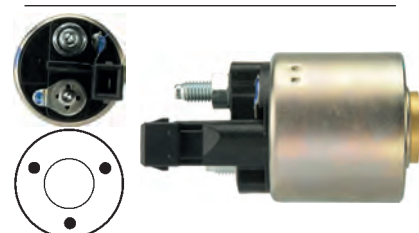
Replacing: 594454, 594413, 594380
 Servicing: D7ES1, D7ES2, D7ES4, D7ES5,
 TS18E7
 12 V, B+ M8, ID/cover 28.45,
 OD 54.20, OD/cover 48.80,
 Total length 108.50, Height/B+ 18.20,
 Coil bolt M8, Coil bolt 2 15.25,
 No./terminals 3
 Cap: HC-CARGO 233076.


234089 Solenoid

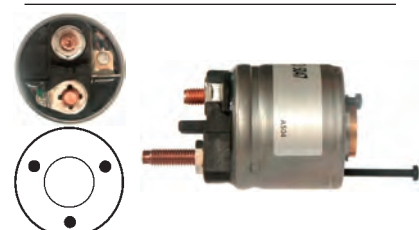
Manufacturer: Valeo
 Replacing: 594309
 Servicing: D7R14, D7R39
 12 V, B+ M10, Kl. 50 M5,
 ID/cover 25.35, OD 53.95, OD/cover 48.00,
 Total length 100.85, Height/B+ 28.50,
 Width/kl. 50 10.60, Coil bolt M8,
 Coil bolt 2 9.15, No./terminals 3


234153 Solenoid

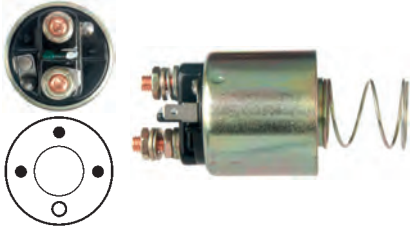
Replacing: 594401
 Servicing: D6RA293, D6RA83, D6RA92,
 D6RA93, D6RAP229
 12 V, B+ M8, Kl. 50 M6,
 ID/cover 25.30, OD 54.00, OD/cover 45.85,
 Total length 79.65, Height/B+ 15.40,
 Width/kl. 50 7.50, Coil bolt M8,
 Coil bolt 2 9.20, No./terminals 3
 Cap: HC-CARGO 231268. Moving contact: HC-
 CARGO 132037.


234388 Solenoid

Replacing: 594391
 Servicing: D7RS129, D7RS130, D7RS29,
 D7RS30, D7RS301
 12 V, B+ M8, Kl. 50 4.70,
 ID/cover 25.00, OD 54.00, OD/cover 49.10,
 Total length 95.25, Height/B+ 20.40,
 Coil bolt M8, Coil bolt 2 8.85
 Cap: HC-CARGO 233076. Moving contact: HC-
 CARGO 132037.


234389 Solenoid

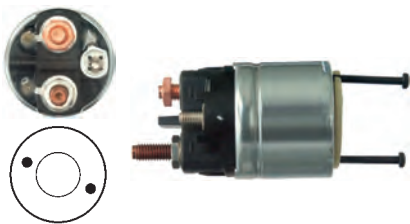
Replacing: 594392
 Servicing: D7RS131, D7RS31
 12 V, B+ M8, Kl. 50 6.30,
 ID/cover 24.40, OD 54.40, OD/cover 48.40,
 Total length 90.90, Height/B+ 25.55,
 Width/kl. 50 15.00, Coil bolt M8,
 Coil bolt 2 9.30, No./terminals 3



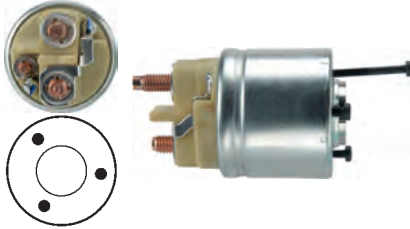
234579 Solenoid
 Replacing: CED580, 594046
 Servicing: D6RA133, D6RA21, D6RA56, D6RA6, D6RA61, D6RA73, D7R35
 12 V, B+ M8, Kl. 50 6.30, ID/cover 24.80, OD 54.10, Height/B+ 20.60, Width/kl. 50 6.30, Coil bolt M8, Coil bolt 2 15.00, No./terminals 3
 Cap: HC-CARGO 132826.



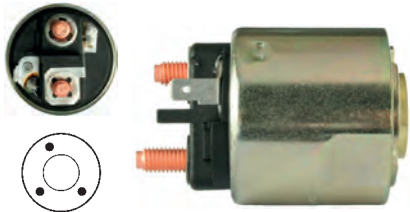
234778 Solenoid
 Replacing: 594288
 Servicing: D7E1, TS8E1
 12 V, B+ M8, Kl. 50 6.30, ID/cover 25.20, OD 54.00, OD/cover 47.50, Total length 83.45, Height/B+ 20.40, Width/kl. 50 14.15, Coil bolt M8, Coil bolt 2 9.30, No./terminals 3
 Cap: HC-CARGO 132033.



234846 Solenoid
 Manufacturer: Valeo
 Replacing: 594463
 Servicing: D7ED28, D7ED281
 12 V, B+ M8, Kl. 50 M6, ID/cover 23.80, OD 51.00, OD/cover 45.15, Total length 119.00, Height/B+ 20.80, Width/kl. 50 10.80, Coil bolt M8, Coil bolt 2 9.65, No./terminals 3



234944 Solenoid
 Replacing: 594449
 Servicing: D6RA101, D6RA104, D6RA110
 12 V, B+ M8, Kl. 50 M5, OD 54.00, OD/cover 52.00, Total length 88.00, Height/B+ 16.50, Width/kl. 50 10.00, No./terminals 3
 Cap: HC-CARGO 233501. Moving contact: HC-CARGO 132037.



234969 Solenoid
 Replacing: 594407
 Servicing: 1250128, D7E15, D7E20, TM000A34101, TM000A36101
 12 V, B+ M8, Kl. 50 6.30, ID/cover 25.20, OD 54.00, OD/cover 45.60, Total length 80.85, Height/B+ 15.55, Width/kl. 50 15.00, Coil bolt M8, Coil bolt 2 10.80, No./terminals 3
 Cap: HC-CARGO 132826.



235077 Solenoid
 Servicing: HQ808670, MG122202, MG122433, TM000A18601, TM000A23601, TM000V23601
 12 V, B+ M8x14.50, Kl. 50 6.30, OD 55.30, Total length 111.50, Height/B+ M8x14.50, Width/kl. 50 6.30, No./terminals 3
 Cap: HC-CARGO 134626.



235106 Solenoid
 Replacing: 594348
 Servicing: D6G3, D7E16, D7E2, D7E23, D7E25, D7E5, TS10E1, TS8E2
 12 V, No./terminals 3
 Alternative no.: 335193



235268 Solenoid
 Replacing: 594474
 Servicing: D7RS150, D7RS50
 12 V, B+ M8, Kl. 15a M8, Kl. 50 6.30, OD 54.17, OD/cover 51.76, Total length 145.42, Height/B+ 60.00, Width/kl. 15a 30.00, Width/kl. 50 17.00, Coil bolt M8, Coil bolt 2 6.76, No./terminals 3



235416 Solenoid
 Replacing: 594431
 Servicing: D7R48
 12 V, No./terminals 3
 Cap: HC-CARGO 132826.

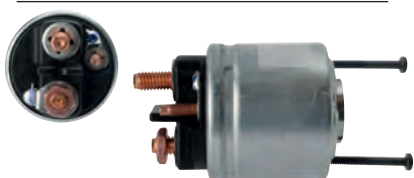


235869 Solenoid
 Replacing: 594610
 Servicing: D7E27, D7E47
 12 V, B+ M8, Kl. 15a M5, Kl. 50 M5, OD 53.80, Total length 94.20, Height/B+ 24.42, Width/kl. 50 21.55, Coil bolt M8, No./terminals 3


236239 Solenoid

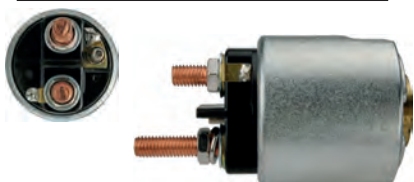
Replacing: 594467

Servicing: D7G4

 12 V, B+ M8, Kl. 15a M5, Kl. 50 M6,
 OD 53.75, OD/cover 44.30,
 Total length 136.00, Height/B+ 16.00,
 Coil bolt M8, No./terminals 4

236258 Solenoid

Replacing: 594438

 Servicing: 105119C, D7E19, D7E22, D7E26,
 D7E6, TS10E3, TS10E4, TS10E5

 12 V, B+ M8, Kl. 50 M5, OD 54.15,
 Total length 74.70, Height/B+ 15.00,
 Width/kl. 50 14.10, Coil bolt M8,
 Coil bolt 2 9.00, No./terminals 3

236269 Solenoid

Replacing: 594658

 Servicing: D7G11, TS22E5, TS22E5B,
 TS22E8, TS22E9, TS24E2

 12 V, B+ M8, Kl. 50 M5, OD 54.00,
 Height/B+ 19.50, Width/kl. 50 10.50,
 No./terminals 3

236626 Solenoid

Replacing: 595610, 594743, 594617

 Servicing: 191335, 458389, D6GS11, D6GS12,
 D6GS12M, D6GS13, D6GS14, D6GS19, D7GS10,
 D7GS8, D7GS9, ESW20ER121, TS10E26, TS12ER15

 12 V, B+ M8, Kl. 50 Plug, OD 54.00,
 Total length 100.30, Height/B+ 19.50,
 Coil bolt M8, Coil bolt 2 9.45,
 No./terminals 3

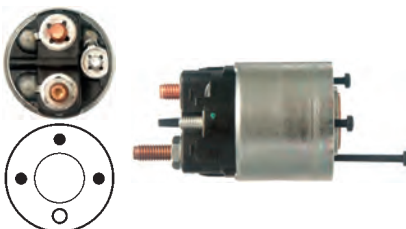
Cap: HC-CARGO 236627.


236801 Solenoid

Replacing: 594646, 236801

Servicing: D6G1, D6G32, D6G321

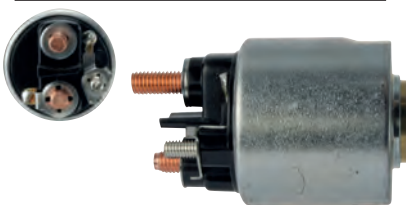
12 V, OD 54.00, No./terminals 3


236859 ★ Solenoid

Manufacturer: Valeo

Replacing: 594461

Servicing: D6RAD183, D6RADP359

 12 V, B+ M8, Kl. 50 M6,
 ID/cover 23.95, OD 51.40, OD/cover 47.20,
 Total length 88.65, Height/B+ 8.75,
 Width/kl. 50 10.40, Coil bolt M8,
 Coil bolt 2 16.80, No./terminals 3

236975 Solenoid

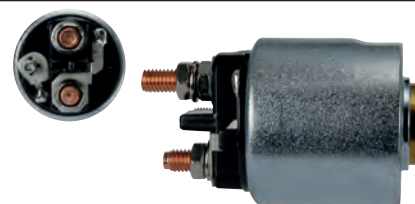
Replacing: 594414

 Servicing: D6RA137, D6RA138, D6RA187,
 D6RA188, D6RA87

 12 V, B+ M8, Kl. 50 M6, OD 54.00,
 OD/cover 46.00, Total length 89.30,
 Height/B+ 17.50, Width/kl. 50 10.81,
 Coil bolt M8, No./terminals 3

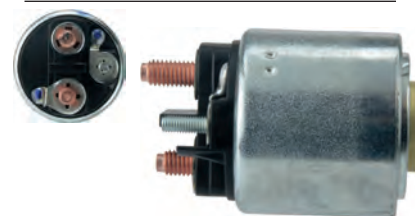
236980 Solenoid

Servicing: TM000A31201

 12 V, B+ M8, Kl. 50 6.30, OD 52.51,
 OD/cover 49.10, Total length 118.10,
 Switch dim. 7.83, Height/B+ 13.90,
 Coil bolt M8, Coil bolt 2 13.00,
 No./terminals 3

237444 Solenoid

Replacing: 594444

Servicing: D6RA91

 12 V, B+ M8, Kl. 50 M6, OD 53.90,
 Total length 89.25, Height/B+ 30.00,
 Width/kl. 50 13.00, Coil bolt M8,
 Coil bolt 2 22.45, No./terminals 3

237686 Solenoid

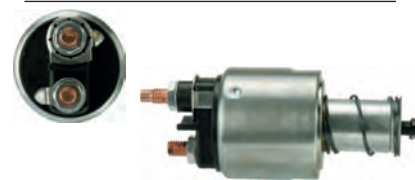
Servicing: D7E39, TS8E6

 12 V, B+ M8, Kl. 50 M5, OD 54.00,
 Total length 59.00, Height/B+ 14.50,
 Width/kl. 50 10.00, No./terminals 3

238193 Solenoid

Replacing: 595731, 594632

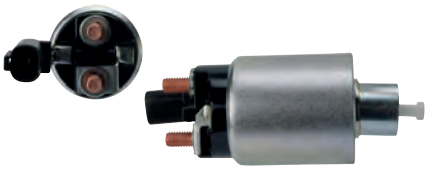
 Servicing: 190895, D7ES5, D7G26, D7G3,
 TS18E13, TS22E26

 12 V, B+ M8, Kl. 50 M5, OD 54.10,
 Total length 88.75, Height/B+ 16.10,
 Width/kl. 50 10.56, Coil bolt M8,
 Coil bolt 2 9.30, No./terminals 3

239966 Solenoid

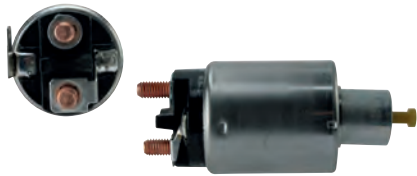
Replacing: 594459

Servicing: D7E52

 12 V, B+ M8, OD 54.00,
 Total length 97.07, Height/B+ 18.00,
 No./terminals 2



330427 Solenoid
 Servicing: TM000A38001
 12 V, B+ M8, Kl. 50 Plug, OD 49.76, Total length 125.00, Height/B+ 15.00, Coil bolt M8, Coil bolt 2 13.00, No./terminals 3



330549 Solenoid
 Replacing: 2EM0588F
 Servicing: TM000A27301, TM000A27601, TM000A37201
 12 V, B+ M8, Kl. 50 6.30, OD 49.70, Total length 120.20, Height/B+ 14.50, Coil bolt M8, Coil bolt 2 12.80



330689 Solenoid
 Manufacturer: Valeo
 Replacing: 594724
 Servicing: D6G5
 12 V, B+ M8, Kl. 50 M6, OD 54.29, Total length 89.46, Height/B+ 20.80, Width/Kl. 50 7.37, Coil bolt M8, Coil bolt 2 9.32, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

331640 Solenoid
 Servicing: D7G14
 12 V, B+ M8, Kl. 50 M6, OD 54.23, Total length 89.49, Height/B+ 20.70, Width/Kl. 50 12.28, Coil bolt M8, Coil bolt 2 9.07, No./terminals 3



331697 Solenoid
 Servicing: M56290, TM000A31001
 12 V, B+ M8, Kl. 50 6.30, OD 49.30, OD/cover 46.50, Total length 120.00, Switch dim. 8.00, Height/B+ 15.50, Coil bolt M8, Coil bolt 2 12.70, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

332103 Solenoid
 Replacing: 594779, 594773
 Servicing: D6G33, D6G332, TS18E33, TS18E331
 12 V, B+ M8, Kl. 50 M6, OD 54.00, Total length 79.80, Height/B+ 15.21, Coil bolt M8, Coil bolt 2 9.45, No./terminals 3



332118 Solenoid
 Servicing: 1250303, S0001250303
 12 V, B+ M8, Kl. 50 Plug, OD 49.90, Total length 125.0, Height/B+ 15.00, Coil bolt M8, Coil bolt 2 13.50, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

332517* Solenoid
 Replacing: 595576
 Servicing: TS14E11
 12 V, B+ M8, Kl. 50 M6, OD 53.95, OD/cover 51.90, Total length 89.10, Switch dim. 6.50, Height/B+ 17.00, Width/Kl. 50 9.00, Coil bolt M8, Coil bolt 2 9.50, No./terminals 3



332529 Solenoid
 Servicing: TS14E110
 12 V, B+ M8, Kl. 50 M5, OD 54.00, OD/cover 51.95, Total length 91.25, Switch dim. 6.70, Height/B+ 15.50, Width/Kl. 50 10.50, Coil bolt M8, Coil bolt 2 10.00, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

332536 Solenoid
 Servicing: M60082
 12 V, B+ M8, Kl. 50 6.30, OD 49.70, OD/cover 47.45, Total length 118.50, Switch dim. 9.50, Height/B+ 14.00, Coil bolt M8, Coil bolt 2 12.50, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

332681 Solenoid
 Servicing: TS12E9
 12 V, B+ M8, Kl. 50 M5, OD 54.00, OD/cover 52.00, Total length 91.35, Switch dim. 6.60, Height/B+ 19.00, Width/Kl. 50 11.00, Coil bolt M8, Coil bolt 2 9.50, No./terminals 3



333722 Solenoid
 12 V, B+ M8, OD 43.25, OD/cover 38.30, Total length 101.50, Height/B+ 13.60, Coil bolt M6, No./terminals 3

NEW PRODUCT
www.hc-cargo.com

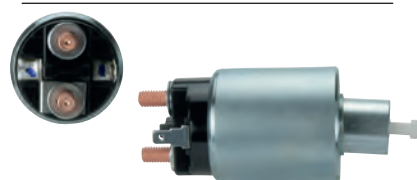
333964 Solenoid

12 V, B+ M8, OD 43.20, OD/cover 38.50,
Total length 98.00, Height/B+ 14.50,
Coil bolt M6, Coil bolt 2 13.80,
No./terminals 3



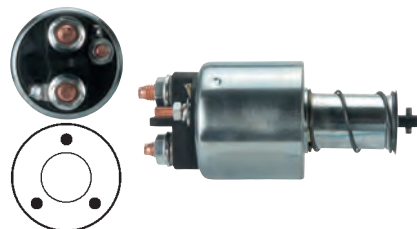
334128 Solenoid

Replacing: 1195239
12 V, B+ M8, Kl. 50 6.30, OD 43.20,
Total length 96.70, Height/B+ 15.00,
Coil bolt M6, Coil bolt 2 12.50



334304 Solenoid

Replacing: TM000A37001
12 V, B+ M8, Kl. 50 6.30, OD 49.50,
Height/B+ 14.00, Coil bolt M8,
Coil bolt 2 12.00, No./terminals 3

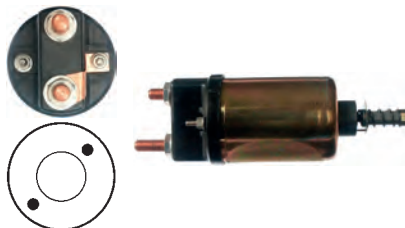


335192 Solenoid

Manufacturer: Valeo
Replacing: 594638, 594411
Servicing: D6RA105, D6RA115, D7R44,
D7R47, D7R49, D8R49
12 V, B+ M8, OD 54.00, OD/cover 44.50,
Total length 122.00, Height/B+ 15.50,
Coil bolt M8, Coil bolt 2 11.50,
No./terminals 3

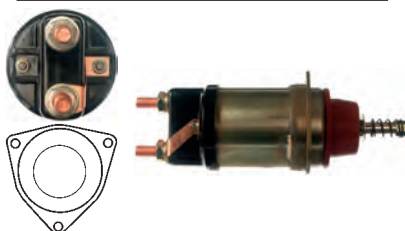
Alternative no.: 232041

24 V



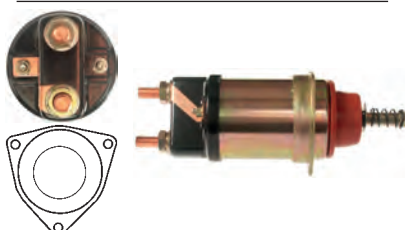
132966 Solenoid

Manufacturer: Valeo
Replacing: 182424, 099686
Servicing: D13E111, D13E111TE, D13E116,
D13E73, D13E73TE, D13E74, D13E74TE,
D13E81, D13E81T, D13E88, D13E95
24 V, B+ M10, Kl. 50 M5, OD 65.30,
OD/cover 70.00, Total length 212.45,
Height/B+ 29.20, Width/kl. 50 12.90,
Coil bolt M10, Coil bolt 2 17.35,
No./terminals 3
Cap: HC-CARGO 138172. Moving contact: HC-CARGO 138173.



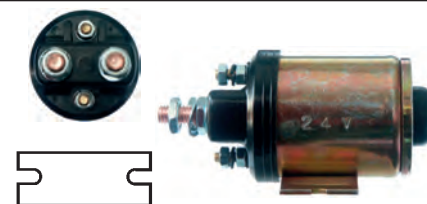
132967 Solenoid

Replacing: CED616TE, CED616, 182423,
099687
Servicing: D13E100TE, D13E104TE, D13E105
24 V, B+ M10, Kl. 50 M5, OD 65.85,
OD/cover 69.75, Total length 224.00,
Height/B+ 28.40, Width/kl. 50 13.60,
Coil bolt M10, Coil bolt 2 16.85,
No./terminals 3
Cap: HC-CARGO 138172. Moving contact: HC-CARGO 138173.



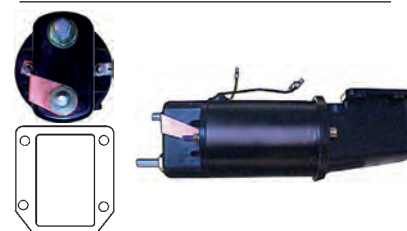
132968 Solenoid

Replacing: CED621, 182432, 181142, 101091
Servicing: D13E107TE, D13E109TE,
D13E110, D13E110TE, D13E117TE,
D13E118TE, D13E123, D13E1231TE,
D13E123TE, D13E76, D13E77, D13E77T
24 V, B+ M10, Kl. 50 M5, OD 68.20,
OD/cover 69.85, Total length 228.70,
Height/B+ 28.85, Width/kl. 50 12.40,
Coil bolt M10, Coil bolt 2 17.55,
No./terminals 3
Cap: HC-CARGO 136005. Moving contact: HC-CARGO 138174.



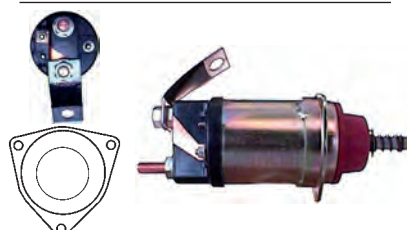
133697 Solenoid

Replacing: CEZ113, 098932
24 V, 100 Amp, Intermittent load 500 Amp.,
B+ M8, Kl. 15a M5, Kl. 50 M5,
OD 47.65, OD/cover 52.35,
Total length 106.25, Height/B+ 19.00,
Width/kl. 15a 13.85, Width/kl. 50 14.30,
Coil bolt M8, Coil bolt 2 19.00,
Seconds 5, No./terminals 4
Universal.



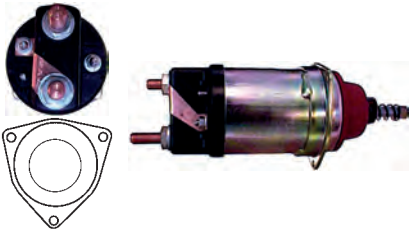
135292 Solenoid

Replacing: CED71, 182430, 046695
Servicing: D15E29, D15E29TE, D15E30,
D15E30TE
24 V, B+ M10, OD 74.70,
OD/cover 74.70, Total length 276.00,
Height/B+ 29.70, Coil bolt M10,
Coil bolt 2 14.10, No./terminals 3
Cap: HC-CARGO 138176. Moving contact: HC-CARGO 138175.



135820 Solenoid

Manufacturer: Valeo
Replacing: CED624, 594075
Servicing: D13E119TE, D13E120TE,
D13E121TE, D13E122TE, D13HP702,
D13HP705, D13HP709
24 V, B+ M10, Kl. 15a M5, Kl. 50 M5,
OD 70.65, OD/cover 70.00,
Total length 228.30, Height/B+ 28.60,
Width/kl. 15a 6.25, Width/kl. 50 12.65,
Coil bolt M10, Coil bolt 2 17.50,
No./terminals 4
Cap: HC-CARGO 233535.



138945 Solenoid

Manufacturer: Valeo
 Replacing: 594220
 Servicing: D13HP605, D13HP607, D13HP608
 24 V, B+ M10, Kl. 50 M5, OD 65.80,
 OD/cover 69.95, Total length 229.00,
 Height/B+ 28.20, Width/kl. 50 12.85,
 Coil bolt M10, Coil bolt 2 16.85,
 No./terminals 3
 Cap: HC-CARGO 233535.



235151 Solenoid

Servicing: M000A0301
 24 V, B+ M10, Kl. 50 M5, OD 64.11,
 Total length 213.00, Height/B+ 18.16,
 Coil bolt M10, Coil bolt 2 17.79,
 No./terminals 3

Safety Switches

24 V



235150 Safety Switch

Servicing: M000A0301
 24 V

Solenoid Parts

Solenoid Caps



131330 Solenoid Cap

Servicing: CED401, CED403, CED404, CED407,
 CED408, CED409, CED41, CED410, CED413, CED42,
 D11E188, D11E192, D8E111, D8E116, D8E74
 OD 52.15, No./terminals 3
 HC-CARGO 131000, 132623.



131333 Solenoid Cap

Servicing: CED437, CED446, CED448,
 CED454, CED458, CED460, CED468, D10E66,
 D10E72, D10E74, D8E107, D8E117, D8E121,
 D8E130, D8E131
 OD 52.00, No./terminals 3
 HC-CARGO 131798.

Pkg. 5



132033 Solenoid Cap

Servicing: 102217, 594047, 594048, 594119,
 594288, CED529, D6RA30, D6RA40, D6RA47,
 D7E1, D9E101, D9E108, D9E36, D9E38, D9E48
 OD 51.60, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 131171.

Pkg. 5



132034 Solenoid Cap

Servicing: 101062, 188839, CED521, D6RA100,
 D6RA101, D6RA104, D6RA37, D6RA42, D6RA43,
 D6RA51, D6RA511, D6RA57, D6RA571, D6RA572
 OD 51.35, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 135390.

Pkg. 5



132826 Solenoid Cap

Servicing: 102849, 103794, 104594, 104604,
 105489, 106142, 106143, 1250128, CED533,
 CED537, CED538, CED540, CED541, CED544,
 CED546
 OD 51.35, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 131584, 132024, 132025, 132976,
 133163, 133532, 133533, 234579.



133155 Solenoid Cap

Servicing: CED5, CED506, CED519, CED53,
 CED58, D11E109, D11E142, D11E159,
 D11E172, D11E272
 OD 60.00, No./terminals 3
 HC-CARGO 130997, 133143.



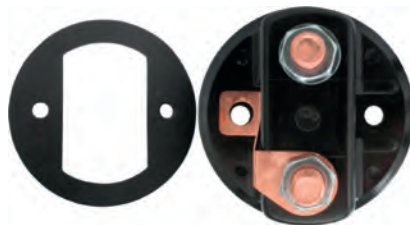
133156 Solenoid Cap

Servicing: 99378, CED517, D9E131, D9E132,
 D9E43, D9E44, D9E83
 OD 51.50, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 133151.

Pkg. 5


133287 Solenoid Cap

Servicing: 1250300, 1250302, M000A0240Z, M04686, M39646, M42373, M43196, M52100, M53486, M60082, M62957, MC107023, MC108024
OD 49.45, No./terminals 3,
Bracket type Crimp
HC-CARGO 132917, 133052, 133288, 138618, 139408, 231977.

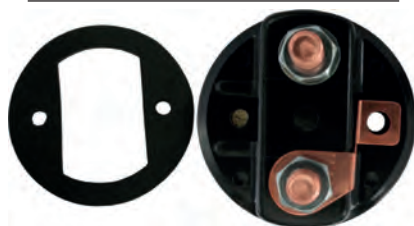

134401 Solenoid Cap

Servicing: 073302, 182438, CED501, CED539, D11E119, D11E119T, D11E120, D11E126, D11E131, D11E137, D11E154, D11E155, D11E158
OD 60.60, No./terminals 3
HC-CARGO 131071.


136005 Solenoid Cap

Replacing: 182148
Servicing: D13E107TE, D13E109TE, D13E110, D13E110TE, D13E117TE, D13E118TE, D13E123, D13E1231TE, D13E123TE, D13E76, D13E77, D13E77T
OD 70.25, No./terminals 3
HC-CARGO 132968.

Pkg. 5


133620 Solenoid Cap

Servicing: 074764, CED502, CED504, CED510, CED512, D10E48, D10E63, D10E80, D11E120, D11E131, D11E156, D11E158, D11E184, D11E191
OD 60.65, No./terminals 3
HC-CARGO 133502.


134402 Solenoid Cap

Replacing: 134402
Servicing: 105119C, 182458, 594438, 626002, D6RA105, D6RA114, D6RA115, D6RA12, D6RA16, D6RA161, D6RA168, D6RA18, D6RA22, D6RA38
OD 51.90, No./terminals 3,
Bracket type Crimp
HC-CARGO 132977, 133128, 133166, 232011.


136367 Solenoid Cap

Servicing: D6G33, D6G332, D6RA132, D6RA162, D6RA163, D6RA167, D6RA249, D6RA32, D6RA62, D6RA65, D6RA67, D7EP12, D7R19, D7R28
OD 51.85, No./terminals 3,
Bracket type Crimp
HC-CARGO 136255, 233708.
Alternative no.: 335195

Pkg. 5


133633 Solenoid Cap

Servicing: 105254, 182462, CED504, CED510, CED512, CED543, D9E100, D9E140, D9E200, D9E300, D9E81
OD 51.80, No./terminals 4,
Bracket type Crimp
HC-CARGO 133534.


134626 Solenoid Cap

Servicing: MG120413, MG122404, MG232415, TM000A06901
OD 53.55, No./terminals 3,
Bracket type Crimp
HC-CARGO 235077, 138820, 231981.


138172 Solenoid Cap

Servicing: 182428, CED67, D11E122, D11E122T
OD 69.65, No./terminals 3
HC-CARGO 132967, 136669.


134145 Solenoid Cap

Servicing: 096666, 098048, 182452, CED511, CED514, D11E109, D11E142, D11E159, D11E163, D11E169, D11E173, D11E176, D11E177, D11E187
OD 59.65, No./terminals 3
HC-CARGO 132268.


134915 Solenoid Cap

Servicing: MG112014, MP112040
OD 49.25, No./terminals 4,
Bracket type Crimp
HC-CARGO 133289.


138176 Solenoid Cap

Replacing: 182152
Servicing: 182152, D15E29, D15E29TE, D15E30, D15E30TE
OD 74.80, No./terminals 3
HC-CARGO 135292.



Pkg. 5

231268 Solenoid Cap

Servicing: 594347, 594401, CED5033, D6RA181, D6RA293, D6RA59, D6RA81, D6RA83, D6RA91, D6RA92, D6RA93, D6RAP229, D7E18, D7E29
 OD 51.75, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 139476, 234153.



Pkg. 5

231765 Solenoid Cap

Servicing: 190895, 594181, D6G3, D6RA110, D6RA37, D6RA51, D6RA511, D6RA57, D6RA571, D7E16, D7E2, D7E23, D7E25, D7E5, D7G3, TS18E13
 OD 51.50, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 231610.
 Alternative no.: 335191



Pkg. 5

231766 Solenoid Cap

Servicing: 594181, D8R27, D8R29
 OD 51.50, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 232012.



Pkg. 5

232010 Solenoid Cap

Servicing: 594054, D9R116, D9R144
 OD 51.55, No./terminals 4,
 Bracket type Crimp
 HC-CARGO 137300.



233076 Solenoid Cap

Servicing: 594380, 594391, D7ES1, D7ES2, D7ES4, D7ES5, D7RS129, D7RS130, D7RS29, D7RS30, D7RS301
 OD 52.00, No./terminals 3
 HC-CARGO 233795, 234388.



233481 Solenoid Cap

Replacing: 594297
 Servicing: D13HP601
 OD 70.00, No./terminals 4
 Valeo.



233535 Solenoid Cap

Replacing: 594292
 Servicing: D13E120TE, D13HP605, D13HP607, D13HP608, D13HP702, D13HP709
 OD 70.02, No./terminals 2
 HC-CARGO 138945. Bosch.



Pkg. 5

235384 Solenoid Cap

Servicing: TM000A27301, TM000A27601, TM000A37201
 OD 47.16, No./terminals 3,
 Bracket type Crimp
 HC-CARGO 235210.



Pkg. 5

236240 Solenoid Cap

Servicing: D7G4
 OD 52.23, No./terminals 4,
 Bracket type Crimp



Pkg. 5

236627 Solenoid Cap

Servicing: 191335, D6GS12, D6GS13, D6GS14, D7GS10, D7GS8, TS18E3, TS18ER20
 OD 51.85, No./terminals 3



Pkg. 5

236802 Solenoid Cap

Servicing: D6G1, D6G32, D6G321, D7E52, G6G32
 OD 52.00, No./terminals 2



Pkg. 5

332682 Solenoid Cap

Servicing: D7E48, TS12E9
 OD 52.00, No./terminals 3

Moving Contacts


Pkg. 5

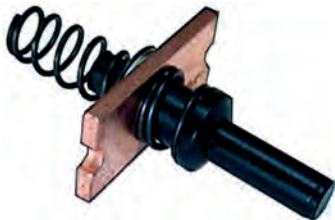
132037 Moving Contact

Replacing: 132037

Servicing: 103794, 104594, 104694, 105119C, CED538, CED541, CED546, D6G332, D6RAP229, D7E27, D7E47, D7G11, D7R17, D7R19, D9E140

Shaft measurement 29.25, Thickness 2.45

Alternative no.: B132037



Pkg. 5

132124 Moving Contact

Servicing: 099378, 099932, 101062, 102190, 102849, 104327, 105119C, 190895, CED517, CED518, CED521, CED528, CED533, CED540, D6G1

Length 28.30, Shaft measurement 27.80, Thickness 2.50, Width 14.00



Pkg. 5

132145 Moving Contact

Servicing: CED417, CED418, CED421, CED423, CED427, CED428, CED434, CED435, CED436, CED437, CED438, CED439, CED441, CED442, CED444

Length 28.30, Shaft measurement 39.15, Thickness 2.30, Width 14.00



Pkg. 5

132146 Moving Contact

Servicing: CED514, CED519, CED601, CED615, CED616, CED621

Length 33.30, Shaft measurement 33.70, Thickness 2.55, Width 15.00



Pkg. 10

133275 Moving Contact

Servicing: 1250300, 1250302, M000A0240Z, M39376, M39646, M42373, M43168, M43196, M53486, MC107023, MC108024, MC109018, MC109021

Length 26.00, Shaft measurement 26.00, Thickness 2.60, Width 16.00/11.00



Pkg. 5

135363 Contact Plate

Length 33.35, Thickness 3.00, Width 15.00



Pkg. 5

138173 Contact Plate

Servicing: CED67, D13E111TE

Length 46.30, Thickness 3.00, Width 18.00



Pkg. 5

138174 Contact Plate

Servicing: 182148

Length 46.40, Thickness 5.00, Width 18.00



Pkg. 5

235826 Solenoid Cap

OD 49.50



Pkg. 100

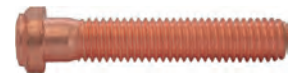
B132037 Moving Contact

Replacing: 132037

Servicing: 190895, D6G1, D6G321, D6RA105, D6RA110, D6RA115, D6RA91, D7E22, D7E32, D7E39, D7G26, D7G3, D7G4, D7R40, D7R48, D8R49

Shaft measurement 28.71, Thickness 2.42

Alternative no.: 132037

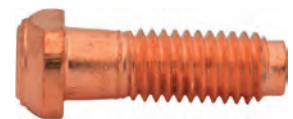
Fixed Contacts


Pkg. 10

134152 Fixed Contact

Servicing: D6G1, D6G321, D6RA91, D7E27, D7E47, TS22E45

Total length 47.65, Length/rear collar 42.00, Thread length 36.20, Thread size M8

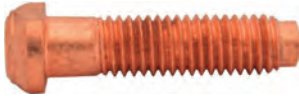


Pkg. 10

134153 Fixed Contact

Servicing: D6G1, D6G321, D7E27, D7E47, D9E140, ESW10E40, ESW20E26, TS18ER20, TS22E45

Total length 28.50, Length/rear collar 23.50, Thread length 15.85, Thread size M8



Pkg. 10

134154 Fixed Contact

Replacing: D6RA105, D6RA110, D6RA115, D7E22, D9E140, ESW10E40, ESW20E26, TS14E110, TS18ER20

Total length 37.50, Length/rear collar 32.00, Thread length 22.70, Thread size M8

Various



Pkg. 5

138601 Gasket

Replacing: D13E110, D13E110TE, D13E111, D13E111TE, D13E117TE, D13E118TE, D13E123, D13E1231TE, D13E123TE, D13HP601, D13HP607

ID 21.65, ID/mount. hole 5.35, OD 64.45, Thickness 2.45, Material Rubber



230950 Plunger

Replacing: 594417, 594289

Servicing: 105119C, D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32
OD 25.00, Length 48.80, Fork w/o Lever: HC-CARGO 231148.

Drives



130425 Drive

Replacing: 060991

Servicing: 6139B, 6139C

ID 12.00, OD 29.00, OD/housing 46.00, Total length 59.85, Splines A 9, No./teeth 9, Rotation ACR



130432 Drive

Replacing: 096118, 093297, 092079, 078862, 076651

Servicing: 532005A, 532007A, 532020A, 532020B, 532026A, 533000A, 533002A, 533003A, 533004A, 534003A, 534003B, 534003C, 534004A

ID 12.00, OD 25.25, OD/housing 46.20, Total length 68.05, Splines A 9, No./teeth 9, Rotation CR



130434 Drive

Replacing: 079692

Servicing: 532001B, 532017A

ID 12.00, OD 25.30, OD/housing 46.45, Total length 61.70, Splines A 9, No./teeth 9, Rotation CR



130456 Drive

Replacing: 070672, 055105

Servicing: 182442, D11E109, D11E142, D11E143, D11E159

ID 14.00, OD 29.00, OD/housing 59.20, Total length 76.15, Splines A 6, No./teeth 9, Rotation CR



130461 Drive

Replacing: NE485, NE185, 097298, 096859, 093670, 093509, 092179, 078265, 075165, 075162, 073684, 059058

Servicing: D10E48, D10E63, D10E80, D8E104, D8E122, D8E124, D8E76, D8E96

ID 12.00, OD 25.30, OD/housing 46.90, Total length 69.00, Splines A 9, No./teeth 9, Rotation CR



130463 Drive

Replacing: 095381, 093321, 092448, 092181, 079011, 078861, 077776

Servicing: D8E107, D8E115, D8E117, D8E129, D8E133, D8E134, D8E137, D8E139, D8E140, D8E147, D8E151, D8E54, D9E11, D9E18, D9E19

ID 12.00, OD 25.30, OD/housing 46.85, Total length 66.40, Splines A 12, No./teeth 9, Rotation CR

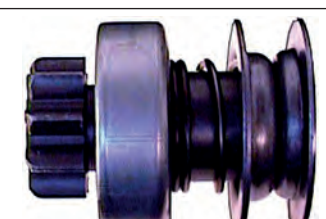


130757 Drive

Replacing: NE160, 075679, 053770

Servicing: D11E126, D11E93

ID 14.00, OD 36.10, OD/housing 53.15, Total length 75.75, Splines A 6, No./teeth 9, Rotation CR



130758 Drive

Replacing: 077171

Servicing: D8E110, D8E116, D8E99

ID 12.00, OD 29.00, OD/housing 41.25, Total length 59.00, Splines A 9, No./teeth 9, Rotation ACR



130759 Drive

Replacing: NE184, 097062, 093623, 076980

Servicing: D8E121, D8E142, D8E152, D8E21, D8E81, D9E12, D9E20, D9E22, D9E26, D9E34, D9E35, D9E37, D9E41

ID 12.00, OD 25.25, OD/housing 46.30, Total length 59.45, Splines A 12, No./teeth 9, Rotation CR


130760 Drive

Replacing: 095464

Servicing: D8E130, D8E131, D8E54

 ID 12.00, OD 25.25, OD/housing 46.40,
 Total length 60.10, Splines A 9,
 No./teeth 9, Rotation ACR

130761 Drive

Replacing: 095958, 095956

Servicing: D11E156, D11E161, D11E180

 ID 14.00, OD 36.00, OD/housing 54.34,
 Total length 77.55, Splines A 12,
 No./teeth 9, Rotation CR

130762 Drive

Replacing: 095990

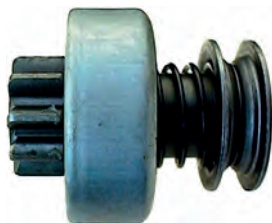
Servicing: D11E142, D11E159, D11E165

 ID 14.00, OD 29.20, OD/housing 54.25,
 Total length 76.00, Splines A 12,
 No./teeth 9, Rotation CR

130948 Drive

Replacing: 106009, 098896

 Servicing: D9E31, D9E32, D9E40, D9E45,
 D9E53, D9E64, D9E75, D9E82, D9E87, D9E95

 ID 12.00, OD 25.30, OD/housing 46.25,
 Total length 69.20, Splines A 9,
 No./teeth 9, Rotation CR

131068 Drive

Replacing: 095442

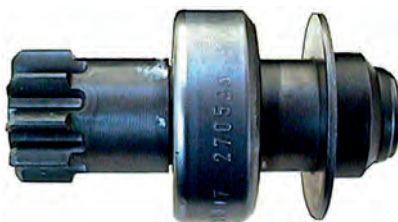
Servicing: D11E153, D11E153T

 ID 14.00, OD 36.25, OD/housing 65.55,
 Total length 75.80, Splines A 12,
 No./teeth 9, Rotation CR

131111 Drive

 Replacing: NE197, 99931, 181804, 099931,
 013610

 Servicing: D9E100, D9E101, D9E109,
 D9E110, D9E113, D9E114, D9E124, D9E125,
 D9E127, D9E129, D9E136, D9E137, D9E138,
 D9E200, D9E237

 ID 12.60, OD 26.00, OD/housing 45.40,
 Total length 55.00, Splines A 9,
 No./teeth 9, Rotation CR

131117 Drive

Replacing: 097843, 096507

 Servicing: D11E163, D11E169, D11E176,
 D11E177

 ID 12.00, OD 29.23, OD/housing 53.25,
 Total length 84.00, Splines A 9,
 No./teeth 9, Rotation CR

131170 Drive

Replacing: 099738

Servicing: D11E172, D11E272

 ID 12.00, OD 27.75, OD/housing 46.00,
 Total length 61.60, Splines A 9,
 No./teeth 10, Rotation CR

131188 Drive

 Replacing: 096119, 093625, 092081,
 078863, 075593

 Servicing: 532011A, 533001A, 6155H,
 6155J, 6155K, 6155L

 ID 12.00, OD 25.30, OD/housing 47.05,
 Total length 67.80, Splines A 9,
 No./teeth 9, Rotation ACR

131343 Drive

Replacing: NE155, 589173, 059390

 Servicing: D15E29, D15E29TE, D15E30,
 D15E30TE

 ID 20.00, OD 46.80, OD/housing 65.25,
 Total length 151.70, Splines A 6,
 No./teeth 12, Rotation CR

131771 Drive

Replacing: 570904

 ID 12.10, OD 26.00, OD/housing 47.00,
 Total length 108.00, Splines A 10,
 No./teeth 9, Rotation ACR

131999 Drive

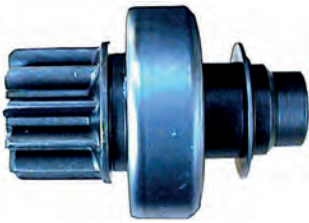
 Replacing: NE883, NE209, 594245, 185182,
 182047, 105538

Servicing: D9R134, D9R73

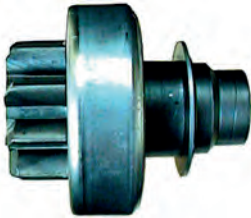
 ID 12.00, OD 31.80, OD/housing 54.00,
 Total length 61.50, Splines A 9,
 No./teeth 12, Rotation CR



132020 Drive
 Replacing: 105540
 Servicing: D9R121, D9R84
 ID 12.00, OD 27.70, OD/housing 54.00,
 Total length 61.50, Splines A 9,
 No./teeth 10, Rotation CR



132021 Drive
 Replacing: 182177, 181277, 180826
 Servicing: D9R90
 ID 12.00, OD 34.40, OD/housing 54.50,
 Total length 76.50, Splines A 9,
 No./teeth 11, Rotation CR



132022 Drive
 Replacing: 594040, 181068
 Servicing: D9R105, D9R1050, D9R91
 ID 12.00, OD 36.50, OD/housing 54.00,
 Total length 61.50, Splines A 9, No./
 teeth 9, Rotation CR
 Gear shaft: HC-CARGO 133336.



132170 Drive
 Replacing: 079646
 ID 14.00, OD 39.75, OD/housing 60.00,
 Total length 84.75, Splines A 6, No./
 teeth 10, Rotation CR



132175 Drive
 Replacing: 101292
 Servicing: D9E131, D9E132, D9E43, D9E44,
 D9E83
 ID 12.00, OD 25.25, OD/housing 47.00,
 Total length 64.65, Splines A 9, No./
 teeth 9, Rotation CR



132177 Drive
 Replacing: 103611
 Servicing: D10E85, D10E92, D10E921,
 D10E922
 ID 12.00, OD 29.00, OD/housing 46.00,
 Total length 59.00, Splines A 9, No./
 teeth 11, Rotation CR



132178 Drive
 Replacing: 104502, 103624
 Servicing: D11E184, D11E188
 ID 11.65, OD 27.75, OD/housing 54.00,
 Total length 76.10, Splines A 12, No./
 teeth 10, Rotation CR



132181 Drive
 Replacing: 106140
 Servicing: 534023A, 534029A, 534031A,
 534032A, 534039A, 534042A, 534042B,
 534043A, 534044A, 534047A, 534054D,
 534055E
 ID 12.00, OD 25.25, OD/housing 46.25,
 Total length 53.00, Splines A 9, No./
 teeth 9, Rotation CR
 w/ lever.



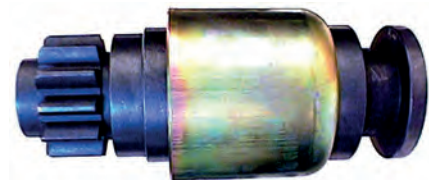
132200 Drive
 Replacing: 105332, 105325
 Servicing: D11E191, D11E192
 ID 12.00, OD 27.15, OD/housing 46.55,
 Total length 78.55, Splines A 9, No./
 teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 132200Z



132206 Drive
 Replacing: 104927
 Servicing: D10E88, D10E881, D10E882,
 D10E89
 ID 12.00, OD 25.30, OD/housing 47.00,
 Total length 59.00, Splines A 9, No./
 teeth 9, Rotation CR



132899 Drive
 Replacing: 075379
 Servicing: D11E120, D11E131, D11E158
 ID 14.00, OD 34.25, OD/housing 65.55,
 Total length 75.75, Splines A 6, No./
 teeth 9, Rotation CR



132962 Drive
 Replacing: NE575, NE515, NE195, 589074,
 101598, 094635, 092718, 079333
 Servicing: D13E107TE, D13E109TE,
 D13E110, D13E110TE, D13E77, D13E77T,
 D13E86TE, D13E87TE, D13E94TE, D13E96TE
 ID 16.00, OD 46.85, OD/housing 65.35,
 Total length 150.50, Splines A 6, No./
 teeth 12, Rotation CR
 For wet clutch.


132964 Drive

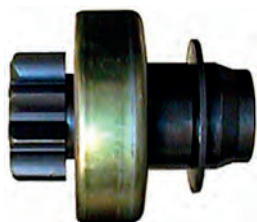
Replacing: NE169, 589077, 094202
 Servicing: D13E105, D13E111, D13E111TE, D13E95
 ID 16.70, OD 46.65, OD/housing 65.30,
 Total length 122.50, Splines A 6, No./teeth 12, Rotation CR


132974 Drive

Replacing: NE784, NE778, 594031, 594029, 184448
 Servicing: D6RA10, D6RA12, D6RA16, D6RA18, D6RA20, D6RA23, D6RA26, D6RA37, D6RA38, D6RA41, D6RA45, D6RA46, D6RA5, D6RA51, D6RA57
 ID 12.00, OD 25.80, OD/housing 46.00,
 Total length 51.00, Splines A 9, No./teeth 9


132975 Drive

Replacing: 594032, 184488
 Servicing: D6RA13
 ID 12.00, OD 29.30, OD/housing 48.00,
 Total length 51.00, Splines A 9, No./teeth 9, Rotation CR


133233 Drive

Replacing: NE207, 180754
 Servicing: D9E93
 ID 12.00, OD 28.80, OD/housing 47.00,
 Total length 54.80, Splines A 9, No./teeth 9, Rotation ACR


133336 Drive

Manufacturer: Valeo
 Replacing: NE212, 182178
 Servicing: D9R91
 OD 36.40, OD/housing 53.80,
 Total length 129.20, No./teeth 9,
 Rotation CR
 Drive: HC-CARGO 132022.


133442 Drive

Replacing: NE187, 589053, 588799, 097338, 093079, 059305
 Servicing: D11E122, D11E122T, D11E128, D11E128T, D11E130, D11E89, D11E89T, D11E89TE, D11E90, D11E90T
 ID 17.00, OD 40.20, OD/housing 65.60,
 Total length 102.00, Splines A 6,
 No./teeth 10, Drive type Bronze, Rotation CR
 Bronze.


133712 Drive

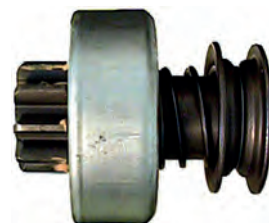
Replacing: 074515
 ID 12.55, OD 28.00, OD/housing 47.00,
 Total length 59.55, Splines A 10,
 No./teeth 8, Rotation CR


133897 Drive

Replacing: NE776, 594042, 186456, 184530, 182176, 180827
 Servicing: D9R112, D9R118, D9R119, D9R122, D9R135, D9R149, D9R89, D9R99, D9RP160, D9RP256
 ID 12.00, OD 29.15, OD/housing 46.15,
 Total length 61.55, Splines A 9,
 No./teeth 11, Rotation CR


134292 Drive

Replacing: 183412
 Servicing: D9R97
 ID 12.00, OD 34.00, OD/housing 53.25,
 Total length 76.50, Splines A 9,
 No./teeth 11, Rotation ACR
 OE w/ gear shaft: HC-CARGO 139288.


134615 Drive

Replacing: 095976
 Servicing: D11E158
 ID 14.00, OD 34.25, OD/housing 65.60,
 Total length 76.00, Splines A 12,
 No./teeth 9, Rotation CR


134645[#] Drive

Replacing: 099623
 Servicing: D10E75, D10E81, D10E83
 ID 12.00, OD 25.60, OD/housing 47.00,
 Total length 71.80, Splines A 12,
 No./teeth 9, Rotation CR


135083 Drive

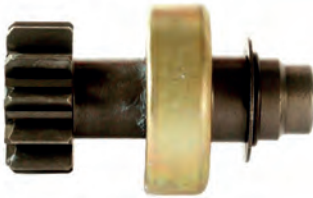
Replacing: NE830, 594108, 186020, 185441
 Servicing: D6RA100, D6RA132, D6RA249, D6RA293, D6RA32, D6RA33, D6RA39, D6RA46, D6RA48, D6RA49, D6RA56, D6RA59, D6RA61, D6RA62
 ID 12.00, OD 27.70, OD/housing 46.00,
 Total length 51.45, Splines A 9,
 No./teeth 10, Rotation CR



135084 Drive
 Replacing: NE831, 594368, 594136, 188256, 185290
 Servicing: D7R1, D7R11, D7R15, D7R151, D7R2, D7R24, D7R3, D7R33, D7R4, D7R45, D7R64
 ID 12.00, OD 27.65, OD/housing 54.00, Total length 54.50, Splines A 9, No./teeth 10, Rotation CR



135085 Drive
 Replacing: 594163
 Servicing: D6RA46
 ID 12.00, OD 25.25, OD/housing 46.50, Total length 55.45, Splines A 10, No./teeth 9, Rotation ACR
 Alternative no.: 333203



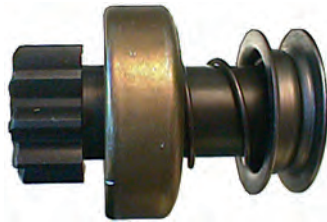
135282 Drive
 Replacing: 184194
 Servicing: D9R116, D9R144
 ID 12.00, OD 42.00, OD/housing 53.00, Total length 83.85, Splines A 9, No./teeth 11, Rotation CR
 Gear shaft: HC-CARGO 230963.



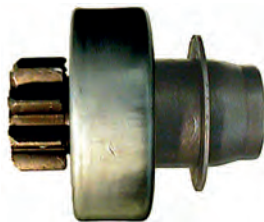
135389 Drive
 Replacing: 594185, 549185, 185915
 Servicing: 188839, D7R12, D7R127, D7R13, D7R16, D7R18, D7R19, D7R20, D7R25, D7R26, D7R27, D7R28, D7R281, D7R32, D7R35, D7R40
 ID 12.00, OD 29.00, OD/housing 54.00, Total length 54.50, Splines A 9, No./teeth 11, Rotation CR
 Alternative no.: 335230



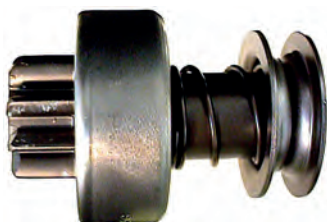
135647 Drive
 Replacing: 594214, 186938, 186867
 Servicing: D6RA137, D6RA138, D6RA141, D6RA161, D6RA165, D6RA185, D6RA187, D6RA188, D6RA51, D6RA511, D6RA53, D6RA571, D6RA572
 ID 12.00, OD 25.30, OD/housing 46.30, Total length 51.60, Splines A 5, No./teeth 9, Rotation CR



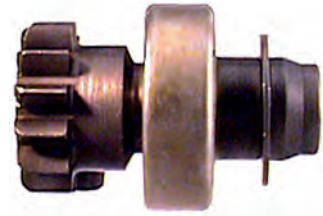
136426 Drive
 Replacing: NE484, NE483, 074658, 056328
 Servicing: D11E119, D11E119T, D11E129, D11E129T, D11E137, D11E141, D11E154, D11E155, D11E92, D11E92T
 ID 16.00, OD 40.00, OD/housing 65.65, Total length 82.65, Splines A 6, No./teeth 10, Rotation CR



136619 Drive
 Replacing: 180753
 Servicing: D9E92
 ID 12.00, OD 25.25, OD/housing 47.00, Total length 54.80, Splines A 9, No./teeth 9, Rotation ACR



136642 Drive
 Replacing: 099394, 097394
 Servicing: D11E167T, D11E202
 ID 14.10, OD 35.50, OD/housing 60.00, Total length 83.70, Splines A 12, No./teeth 9, Rotation CR



137271 Drive
 Replacing: 101910
 Servicing: D9E51
 ID 12.00, OD 40.15, OD/housing 47.65, Total length 70.25, Splines A 9, No./teeth 13, Rotation ACR



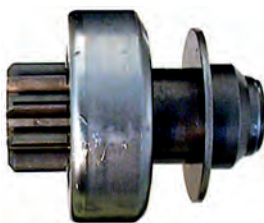
137455 Drive
 Replacing: 594086, 185457
 Servicing: D6RA22, D6RA52
 ID 12.00, OD 29.50, OD/housing 47.60, Total length 50.85, Splines A 9, No./teeth 9, Rotation CR



137733 Drive
 Replacing: 594419, 594252, 594177
 Servicing: 626002, D6RA100, D6RA107, D6RA109, D6RA114, D6RA133, D6RA162, D6RA163, D6RA249, D6RA293, D6RA56, D6RA59, D6RA62, D6RA70
 ID 12.00, OD 27.75, OD/housing 46.35, Total length 51.70, Splines A 10, No./teeth 10, Rotation CR



138113 Drive
 Replacing: 594247, 187077
 Servicing: D6RA76, D6RA77, D6RA78, D6RA79
 ID 12.10, OD 27.85, OD/housing 47.55, Total length 51.45, Splines A 10, No./teeth 8, Rotation CR



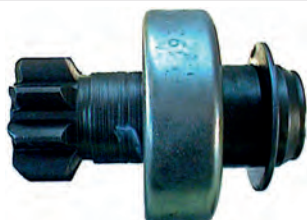
138208 Drive
 Replacing: 180719
 Servicing: D11E272
 ID 12.00, OD 27.70, OD/housing 53.50,
 Total length 65.45, Splines A 9,
 No./teeth 10, Rotation CR



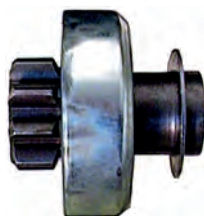
138408 Drive
 Replacing: 594106, 184671
 Servicing: D6RA11, D6RA40
 ID 12.00, OD 25.50, OD/housing 47.65,
 Total length 65.90, Splines A 9,
 No./teeth 9, Rotation CR



139153 Drive
 Replacing: 594033, 594030
 Servicing: D6RA15, D6RA7
 ID 12.00, OD 25.20, OD/housing 48.00,
 Total length 56.65, Splines A 9,
 No./teeth 9, Rotation CR



139318 Drive
 Replacing: 594034, 184795
 Servicing: D6RA17, D6RA19, D6RA27,
 D6RA29, D6RA34, D6RA50, D6RA54, D6RA60
 ID 12.00, OD 29.65, OD/housing 47.65,
 Total length 66.70, Splines A 9,
 No./teeth 9, Rotation ACR



139320 Drive
 Replacing: 187428
 Servicing: D7E2
 ID 11.00, OD 25.00, OD/housing 46.00,
 Total length 43.00, Splines A 5,
 No./teeth 9, Rotation CR



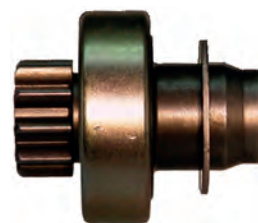
139473 Drive
 Replacing: NE949, 594287, 492828, 188251,
 187996, 187863, 187336
 Servicing: D7E1, D7E16, D7E23, D7E26,
 D7E39, D7E5, D7E52, TS8E6
 ID 11.00, OD 25.30, OD/housing 46.00,
 Total length 41.00, Splines A 5,
 No./teeth 9, Rotation CR
 Alternative no.: 335234



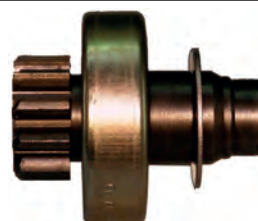
139477 Drive
 Replacing: NE971, 594345, 187788, 182848
 Servicing: 105119C, D7E15, D7E18, D7E19,
 D7E20, D7E27, D7E38, D7E4, D7E47, D7E6,
 D7E8, D7ED28, D7EP12
 ID 11.00, OD 23.80, OD/housing 46.00,
 Total length 44.00, Splines A 5,
 No./teeth 8, Rotation CR
 Drive: HC-CARGO 139477 can only be used
 w/ Armature: HC-CARGO 139434.



139478 Drive
 Replacing: 594279, 187528, 059427
 Servicing: D7R12, D7R127, D7R19, D7R27,
 D7R28, D7R281, D7R32, D7RP123
 ID 12.00, OD 29.00, OD/housing 54.00,
 Total length 54.00, Splines A 10,
 No./teeth 11, Rotation CR



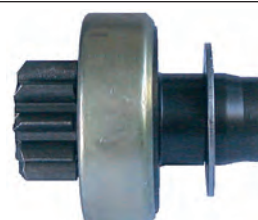
139898# Drive
 Replacing: 183776, 182243
 Servicing: D9E108
 ID 12.20, OD 26.75, OD/housing 47.85,
 Total length 54.75, Splines A 9,
 No./teeth 10, Rotation CR



139905 Drive
 Replacing: 594251, 186321
 Servicing: D9R142
 ID 12.00, OD 31.90, OD/housing 54.40,
 Total length 61.30, Splines A 9,
 No./teeth 10, Rotation CR



230253# Drive
 Manufacturer: Valeo
 Replacing: NE210, 182052
 Servicing: D9R121, D9R84
 OD 68.80, Total length 129.30,
 Splines A 9, No./teeth 10, Rotation CR
 Drive: HC-CARGO 132020.



230353 Drive
 Replacing: NE957, 594303, 187567
 Servicing: D7R17, D7R42, D7RP82
 ID 12.00, OD 27.95, OD/housing 47.60,
 Total length 54.85, Splines A 10,
 No./teeth 10, Rotation CR



230354 Drive
 Replacing: NE966, 594324, 187983
 Servicing: D7R22, D7R23
 ID 12.00, OD 31.85, OD/housing 54.00,
 Total length 54.75, Splines A 10,
 No./teeth 10, Rotation CR



230963 Drive
 Manufacturer: Valeo
 Replacing: 594043
 Servicing: D9R116, D9R144
 OD 68.60, Total length 152.30,
 Splines A 9, No./teeth 11, Rotation CR
 Drive: HC-CARGO 135282.



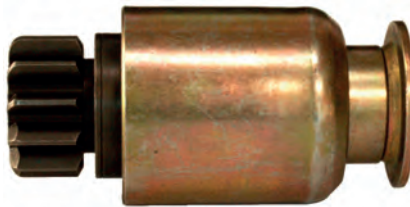
231073 Drive
 Manufacturer: Valeo
 Replacing: 594361
 Servicing: D6RA181, D6RA81
 ID 11.80, OD 29.00, OD/housing 48.00,
 Total length 68.90, Splines A 5,
 No./teeth 9, Rotation CR



231093 Drive
 Replacing: 594389
 Servicing: D7RS129, D7RS130, D7RS131,
 D7RS29, D7RS30, D7RS301, D7RS31
 ID 16.25, OD 28.80, OD/housing 53.00,
 Total length 91.20, Splines A 9,
 No./teeth 11, Rotation ACR



231204 Drive
 Manufacturer: Valeo
 Replacing: 182177
 Servicing: D9R90
 OD 34.40, No./teeth 11, Rotation CR
 Drive: HC-CARGO 132021. Shaft: HC-CARGO
 233528.



231413 Drive
 Replacing: NE955, 594295, 187449
 Servicing: D13HP601
 ID 19.00, OD 41.30, Total length 114.50,
 Splines A 19, No./teeth 11, Rotation CR



231667 Drive
 Replacing: 594110, 594035, 185744, 184799
 Servicing: D6RA21, D6RA42, D6RA43
 ID 12.00, OD 29.50, OD/housing 47.60,
 Total length 51.45, Splines A 9,
 No./teeth 9, Rotation ACR



231932 Drive
 Replacing: 594410, 188993, 0809042
 Servicing: D7R34, D7R53, D7R56, D7RP204,
 D8R1, TM000A34101, TM000A36101
 ID 12.10, OD 32.00, OD/housing 53.60,
 Total length 55.00, Splines A 9,
 No./teeth 10, Rotation CR
 Alternative no.: 333863



232632 Drive
 Replacing: 103066
 Servicing: D13E117TE, D13E118TE,
 D13E119TE, D13E120TE, D13E121TE,
 D13E122TE, D13E123, D13E1231TE,
 D13E123TE, D13HP605, D13HP607
 ID 19.00, OD 46.30, OD/housing 58.00,
 Total length 118.45, Splines A 19,
 No./teeth 12, Rotation CR
 Alternative no.: 333858



233450 Drive
 Replacing: NE869, 594107, 185283
 Servicing: D6RA30
 ID 12.15, OD 29.50, OD/housing 48.00,
 Total length 50.75, Splines A 9,
 No./teeth 11, Rotation CR



233496 Drive
 Replacing: 594291
 Servicing: D13HP613, D13HP709
 ID 19.00, OD 56.20, Total length 118.50,
 Splines A 19, No./teeth 11, Rotation CR



233996 Drive
 Replacing: 594378
 Servicing: D7ES1, D7ES2, D7ES4
 ID 11.20, OD 23.20, OD/housing 46.50,
 Total length 74.90, Splines A 10,
 No./teeth 8, Rotation ACR


234086 Drive

Replacing: 594382, 188595

Servicing: D6RA101, D6RA104, D6RA105, D6RA110, D6RA115

ID 12.00, OD 29.40, OD/housing 47.00, Total length 50.80, Splines A 5, No./teeth 11, Rotation CR


234088 Drive

Replacing: 594308, 187084

Servicing: D7R14

ID 12.00, OD 32.70, OD/housing 54.00, Total length 69.45, Splines A 10, No./teeth 10, Rotation CR


234231 Drive

Replacing: 594436

Servicing: D7E19, D7E20, D7E22

ID 11.00, OD 23.60, OD/housing 47.10, Total length 41.20, Splines A 10, No./teeth 8, Rotation CR

Alternative no.: 234231Z


234231Z Drive

Replacing: 594436

ID 11.00, OD 23.65, OD/housing 46.20, Total length 41.05, Splines A 5, No./teeth 8, Drive type Steel, Rotation CR

Alternative no.: 234231


234819 Drive

Manufacturer: Valeo

Replacing: 595575, 594631

Servicing: 190895, D7G26, D7G3, TS12E901

ID 12.00, OD 28.90, OD/housing 50.00, Total length 45.00, Splines A 10, No./teeth 11, Rotation CR

Alternative no.: 332530


234918 Drive

Replacing: 594248

Servicing: D6RA168, D6RA68

ID 12.10, OD 25.15, OD/housing 47.65, Total length 57.30, Splines A 10, No./teeth 9, Rotation CR


234996 Drive

Replacing: 594451

Servicing: D7E29, D7E30, D7E31, D7E32, D7E42

ID 11.00, OD 27.00, OD/housing 47.00, Total length 44.20, Splines A 10, No./teeth 8, Rotation CR


235086 Drive

Replacing: NE152, 054174

Servicing: D11E70, D11E75

ID 14.00, OD 34.39, OD/housing 57.66, Total length 76.28, Splines A 6, No./teeth 9, Rotation CR


235087 Drive

Replacing: NE153, 054335

Servicing: D11E111, D11E140, D11E144, D11E74, D11E74T, D11E84

ID 14.17, OD 39.75, OD/housing 57.71, Total length 76.04, Splines A 6, No./teeth 10, Rotation CR


235088 Drive

Replacing: NE306, NE305

ID 14.00, OD 40.00, OD/housing 57.80, Total length 75.15, Splines A 6, No./teeth 10, Rotation CR


235179 Drive

Replacing: 594356, 594314

Servicing: D6RA167, D6RA180, D6RA67, D6RA80, D6RA91

ID 12.00, OD 29.60, OD/housing 47.00, Total length 65.95, Splines A 10, No./teeth 9, Rotation CR


235252 Drive

Replacing: 594472

Servicing: D7RS150, D7RS50

ID 12.00, OD 29.00, OD/housing 53.15, Total length 92.80, Splines A 9, No./teeth 11, Rotation ACR



235840 Drive
 Replacing: 101763
 Servicing: D9E103, D9E130, D9E50
 ID 12.03, OD 46.90, OD/housing 46.90,
 Total length 75.00, Splines A 9,
 No./teeth 9, Drive type Steel,
 Rotation ACR



236238 Drive
 Replacing: 594465
 Servicing: D7G4, TS18E7
 ID 12.00, OD 31.50, OD/housing 49.85,
 Total length 55.00, Splines A 10,
 No./teeth 10, Rotation CR



236270 Drive
 Replacing: 594657
 Servicing: D7G11
 ID 12.00, OD 32.40, OD/housing 49.15,
 Total length 45.40, Splines A 10,
 No./teeth 10, Rotation CR
 Alternative no.: 333864



236359 Drive
 Replacing: 594678
 Servicing: D7GS10
 OD 29.00, OD/housing 49.80,
 Total length 90.00, Splines A 8,
 No./teeth 11, Rotation ACR



236477 Drive
 Servicing: 191335, D7GS8
 ID 16.20, OD 29.50, OD/housing 48.65,
 Total length 82.00, Splines A 8,
 No./teeth 11, Rotation ACR



236607 Drive
 OD 29.00, Total length 93.50,
 Splines A 10, No./teeth 9, Rotation CR



236609 Drive
 Replacing: 594665
 Servicing: D6GS11, D6GS12, D6GS12M,
 D6GS13
 ID 12.00, OD 28.40, OD/housing 54.00,
 Total length 81.75, Splines A 10,
 No./teeth 10, Drive type Steel,
 Rotation ACR



236797 Drive
 Replacing: 594644, 236797, 192978, 191601
 Servicing: D6G1, D6G3, D6G32, D6G321,
 D6G33, D6G332, D6G5
 ID 12.00, OD 25.30, OD/housing 47.95,
 Total length 45.45, Splines A 10,
 No./teeth 9, Rotation CR
 Alternative no.: 333870



236896 Drive
 Replacing: 594453
 Servicing: D7E55, TS10E26
 ID 10.00, OD 25.30, Total length 75.20,
 Splines A 10, No./teeth 9, Rotation ACR



236985 Drive
 Servicing: TM000A31201
 ID 12.02, OD 29.10, OD/housing 29.14,
 Total length 51.30, Splines A 8,
 No./teeth 9, Rotation CR



237291 Drive
 Servicing: D7GS9
 ID 12.10, OD 29.10, OD/housing 48.69,
 Total length 82.00, Splines A 8,
 No./teeth 9, Rotation CR



237776 Drive
 Replacing: 594725, 192651
 Servicing: D7E2, D7E25, D7E32, D7E39,
 D7E7, TS8E3, TS8E4, TS8E5
 ID 11.02, OD 26.90, OD/housing 46.00,
 Total length 41.60, Splines A 5,
 No./teeth 8, Drive type Steel,
 Rotation CR



239359 Drive
 Replacing: 191769, 190993, 188440
 Servicing: 105119C, D7E18, D7E19, D7E22, D7E27, D7E38, D7E4, D7E47, D7E6, D7E8, D7ED281, TS10E3, TS10E4, TS10E5
 ID 11.00, OD 23.60, OD/housing 47.10, Total length 41.20, Splines A 5, No./teeth 8, Drive type Steel, Rotation CR
 Drive: HC-CARGO 239359 can only be used w/ Armature: HC-CARGO 233767.



330104 Drive
 Servicing: TS22E5, TS22E5B, TS22E8, TS22E9
 ID 12.05, OD 32.20, OD/housing 48.65, Total length 45.47, Splines A 8, No./teeth 10, Drive type Steel, Rotation CR



330452 Drive
 Replacing: 594726, 193512
 Servicing: TS8E1, TS8E2, TS8E6
 ID 11.05, OD 25.38, OD/housing 46.20, Total length 41.20, Splines A 5, No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 333857



330533 Drive
 Replacing: 194480, 194440
 Servicing: TS10E1
 ID 11.05, OD 45.00, OD/housing 44.45, Total length 44.45, Splines A 5, No./teeth 8, Drive type Steel, Rotation CR



330568 Drive
 Servicing: 1250128
 OD 14.65, OD/housing 55.48, Total length 110.20, Splines A 19, Splines B 4, Rotation CR



330800 Drive
 Servicing: TS18E13, TS22E26
 ID 12.09, OD 28.85, OD/housing 49.88, Total length 45.55, Splines A 8, No./teeth 11, Drive type Steel, Rotation CR



331628 Drive
 Servicing: TS12E10, TS12E9, TS14E11
 ID 12.07, OD 27.93, OD/housing 48.40, Total length 45.81, Splines A 10, No./teeth 10, Drive type Steel, Rotation CR

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332193 Drive
 Replacing: 594666
 Servicing: D6GS14, TS12ER20, TS12ER25
 ID 16.30, OD 28.40, OD/housing 49.79, Total length 88.95, Splines A 10, No./teeth 10, Drive type Steel, Rotation ACR



332207 Drive
 Replacing: 192750
 Servicing: TS18E1
 ID 14.00, OD 29.00, OD/housing 50.00, Total length 81.65, Splines A 4, No./teeth 11, Rotation ACR



332530 Drive
 Replacing: 595575, 332530
 Servicing: TS14E110
 ID 12.00, OD 29.35, OD/housing 48.40, Total length 45.60, Splines A 10, No./teeth 11, Drive type Steel, Rotation CR

Alternative no.: 234819



332562 Drive
 Servicing: TS18ER123, TS18ER20
 ID 13.99, OD 29.25, OD/housing 49.84, Total length 87.37, Splines A 4, No./teeth 12, Drive type Steel, Rotation ACR



332614 Drive
 Replacing: 594777, 195356, 194372
 Servicing: TS18E33, TS18E331
 ID 12.00, OD 28.00, OD/housing 49.90, Total length 45.35, Splines A 8, No./teeth 10, Drive type Steel, Rotation CR



333203 Drive
 Manufacturer: Bosch
 Replacing: 594163
 ID 12.00, OD 25.25, OD/housing 46.50,
 Total length 55.45, Splines A 10,
 No./teeth 9, Drive type Steel,
 Rotation ACR
 Alternative no.: 135085



333479 Drive
 ID 12.06, OD 28.20, OD/housing 45.30,
 Total length 45.15, Splines A 8,
 No./teeth 8, Rotation CR



333720 Drive
 Replacing: 1L22B
 Servicing: 1195411, 1195921, 1195922,
 1196230
 ID 12.00, OD 28.05, OD/housing 46.00,
 Total length 43.95, Splines A 8,
 No./teeth 8, Drive type Steel,
 Rotation CR



333721 Drive
 Replacing: 2H08
 Servicing: 1201942
 ID 12.00, OD 27.90, OD/housing 45.50,
 Total length 56.00, Splines A 8,
 No./teeth 10, Drive type Steel



333723 Drive
 ID 12.00, OD 28.30, OD/housing 45.35,
 Total length 55.90, Splines A 8,
 No./teeth 8, Drive type Steel, Rotation CR



333857 Drive
 Replacing: 594726, 193512
 Servicing: TS8E1, TS8E2, TS8E6
 ID 11.05, OD 25.38, OD/housing 46.20,
 Total length 41.20, Splines A 5,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 330452



333858 Drive
 Replacing: 103066
 Servicing: D13E117TE, D13E118TE,
 D13E120TE, D13E123, D13E1231TE,
 D13E123TE, D13HP605, D13HP607,
 D13HP702, D13HP703
 ID 19.00, OD 46.30, OD/housing 58.00,
 Total length 118.45, Splines A 19,
 No./teeth 12, Drive type Steel, Rotation CR
 Alternative no.: 232622



333863 Drive
 Replacing: 594410, 188993
 Servicing: D7R34, D7R53, D7R56, D7RP204,
 TM000A34101, TM000A36101
 ID 12.10, OD 32.00, OD/housing 54.00,
 Total length 55.00, Splines A 9,
 No./teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 231932



333864 Drive
 Replacing: 594657
 Servicing: D7G11
 ID 12.00, OD 32.40, OD/housing 49.15,
 Total length 45.40, Splines A 10,
 No./teeth 10, Rotation CR
 Alternative no.: 236270



333869 Drive
 Replacing: 1201728
 Servicing: FS10B3
 ID 10.00, OD 23.90, OD/housing 45.90,
 Total length 41.20, Splines A 4,
 No./teeth 8, Drive type Steel, Rotation CR



333870 Drive
 Replacing: 594644, 192978, 191601
 Servicing: D6G3, D6G32, D6G33, D6G5,
 TS12E902
 ID 12.00, OD 25.30, OD/housing 47.95,
 Total length 45.45, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 236797



333879 Drive
 Replacing: 594284
 Servicing: D6RA75
 ID 12.00, OD 25.50, OD/housing 47.50,
 Total length 61.40, Splines A 9,
 No./teeth 9, Drive type Steel, Rotation ACR



333929 Drive
 Replacing: 198159
 OD 34.25, OD/housing 48.40,
 Total length 87.50, Splines A 4,
 No./teeth 13, Drive type Steel, Rotation ACR



333934 Drive
 Replacing: 195334, 195041, 194039
 ID 12.00, OD 28.30, OD/housing 49.00,
 Total length 45.20, Splines A 10,
 No./teeth 9, Drive type Steel, Rotation CR

Drive Parts

Caps



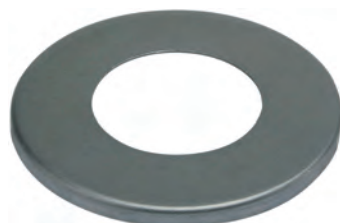
134162 Dp Cap
 ID 46.05, OD 47.10



134205 Dp Cap
 ID 51.10, OD 53.25



134254 Dp Cap
 ID 44.90, OD 46.25



134271 Dp Cap
 ID 65.02, OD 66.90

Gears



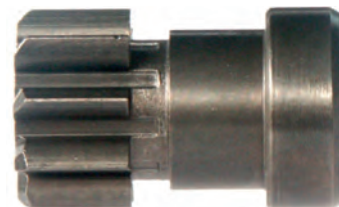
134171 Gear
 ID 11.90, OD 25.00, Height 31.90,
 No./teeth 9



134173 Dp Gear
 ID 11.90, OD 25.00, Height 25.40,
 No./teeth 9



134174# Dp Gear
 ID 13.00, OD 25.20, Height 25.45,
 No./teeth 9



134181 Dp Gear
 ID 11.80, OD 25.50, Height 41.45,
 No./teeth 9



134234 Dp Gear
 ID 12.00, OD 25.20, Height 26.70,
 No./teeth 9



137012# Gear Wheel
 ID 12.00, OD 25.45, Height 36.40,
 No./teeth 9

Rollers



134212 Roller
 Servicing: ESW10E40, ESW10E7, ESW20E26,
 ESW20ER123, ESW20ER123HE, TS18ER20, TS22E45
 OD 5.95, Length 9.80



134215 Dp Rollers
 OD 5.50, Length 9.70

Pkg. 500



134222 Dp Rollers
OD 6.00, Length 8.80

Pkg. 1000



134244 Dp Rollers
OD 6.35, Length 9.35

Pkg. 100



139590 Dp Rollers
OD 5.90, Length 8.00

NEW PRODUCT
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333759* Roller

Springs

Pkg. 500



134218 Dp Springs
Length 13.70

Pkg. 500



134220 Dp Springs
Length 14.15

Pkg. 1250



134263 Dp Springs
Length 14.15

Pkg. 2000



134264 Dp Springs
Servicing: TS22E45
Length 12.35

Pinion



139953 Pinion
Servicing: HK988300, MG120413, MG120445, TM000A14901
ID 13.25, OD 32.55, Height 18.25, No./splines 19, No./teeth 10



235327 Pinion
Servicing: MG122433
ID 13.68, OD 39.63, Height 18.26, No./splines 19, No./teeth 13



237086 Pinion
Servicing: HQ808670, MG122202, MG122433, TM000A18601
ID 13.74, OD 39.51, Height 18.27, No./splines 19, No./teeth 13



330887 Pinion
Servicing: 1250449
ID 15.80, OD 46.28, Height 16.69, No./splines 22, No./teeth 33

Various

Pkg. 10



236360 Plug
Servicing: 458389, D6GS11, D6GS12M, D6GS19, D7GS9, TS12ER20, TS18ER121, TS18ER123, TS18ER20
OD/collar 18.00, OD 16.55, Length 4.10, Height/collar 0.90

Planet Gears



135081 Planet Gear (new)
Manufacturer: Valeo
Replacing: 594538
Servicing: D6RA10, D6RA12, D6RA13, D6RA132, D6RA16, D6RA18, D6RA20, D6RA22, D6RA26, D6RA30, D6RA32, D6RA33, D6RA37, D6RA38, D6RA39
Shaft dia./middle 12.00, Total length 113.40, No./splines 9
Outer gear: HC-CARGO 133954.



135388 Planet Gear
 Manufacturer: Valeo
 Replacing: 594141
 Servicing: D7R1, D7R2, D7R3, D7R4, D7R45, D7R5, D7R7
 Shaft dia./middle 11.90,
 Total length 126.70, No./splines 9



138151 Planet Gear
 Manufacturer: Valeo
 Replacing: 594373, 594187
 Servicing: 188839, D7R11, D7R12, D7R127, D7R13, D7R15, D7R151, D7R16, D7R18, D7R19, D7R20, D7R24, D7R25, D7R26, D7R27, D7R28
 Shaft dia./middle 11.90,
 Total length 90.00, No./splines 9



233994 Planet Gear
 Replacing: 594283
 Servicing: D7R12, D7R127, D7R17, D7R19, D7R22, D7R23, D7R27, D7R28, D7R281, D7R32, D7R42, D7RP123, D7RP82
 Shaft dia./middle 12.00,
 Total length 119.70, No./splines 10



234387 Planet Gear
 Manufacturer: Valeo
 Replacing: 594699, 594395
 Servicing: D7RS129, D7RS130, D7RS131, D7RS29, D7RS30, D7RS301, D7RS31, D7RS50
 Shaft dia./middle 30.00,
 Total length 131.80/144.80,
 No./splines 9, Rotation ACR
 Drive: HC-CARGO 231093, 235252.



235706 Planet Gear
 Manufacturer: Valeo
 Replacing: 594541
 Servicing: D6RA138, D6RA141, D6RA161, D6RA163, D6RA293, D6RA511, D6RA53, D6RA56, D6RA571, D6RA572, D6RA59, D6RA661, D6RA74
 Shaft dia./middle 11.95,
 Total length 111.50, No./splines 10,
 No./teeth 15, Rotation CR



235707 Planet Gear
 Manufacturer: Valeo
 Replacing: 594542
 Servicing: D6RA133, D6RA162, D6RA249, D6RA62, D6RA73, D6RA93
 Shaft dia./middle 18.00,
 Total length 112.90, No./splines 10,
 No./teeth 22, Rotation CR



235709 Planet Gear
 Manufacturer: Valeo
 Replacing: 594549
 Servicing: D6RA100, D6RA108, D6RA109
 Shaft dia./middle 12.00,
 Total length 112.00, No./teeth 3



239720 Gear Shaft
 Servicing: D9R90
 Shaft dia./middle 11.94,
 Total length 144.00, No./splines 9

Outer Gear



133403 Outer Gear
 Replacing: 35137-32510
 Servicing: M42373, M52100, M53486, MG112014, MG112022, MP112033, MP112040, MP112041, MP112042, MP112043, TM000A07901, TM000A08401
 ID 49.15, OD 65.00, Height 30.20,
 No./teeth 43



133954 Outer Gear
 Servicing: 594538, 594541, 594542, D6RA15, D6RA30, D6RA42, D6RA43, D6RA47, D6RA7
 OD 80.15, Height 24.60, No./teeth 59
 Cap: HC-CARGO 233460.



233592 Outer Gear
 Servicing: D6RA168, D6RA40, D6RA63, D6RA68
 OD 55.10, No./teeth 37

Gear Parts

Gear Shafts



235498 Gear Shaft
 Replacing: 594152
 Servicing: D9R105, D9R112, D9R118, D9R119, D9R121, D9R122, D9R142, D9R149, D9R73, D9R84, D9R89, D9R91, D9R99, D9RP160, D9RP256
 OD/shaft 9.95, Total length 129.55,
 No./splines 9



234891 Outer Gear
Servicing: 594470
OD 68.00, No./teeth 59



333036 Outer Gear
ID 53.60, OD 67.60, Height 35.60,
No./teeth 56



333037 Outer Gear
Servicing: ESW20ER123, ESW20ER123HE
ID 53.60, OD 67.60, Height 35.40,
No./teeth 56

Gear Covers

Pkg. 10



233460 Gear Plate
ID 15.60, OD 49.43, Thickness 3.95

Pkg. 10



331011 Gear Plate
Servicing: D6RA181, D6RA68, D6RA81
ID 14.00, OD 50.80

Gear Wheels

Pkg. 10



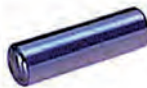
135325 Gear Wheel
Servicing: 594019
ID 4.00, OD 18.30, Height 7.40,
No./teeth 22
Bushing: HC-CARGO 140952.



235159 Gear Wheel
Servicing: D6RA
OD 19.80, No./teeth 15

Various

Pkg. 10



135326 Steel Pin
Servicing: 594019, 626002, D6RA100,
D6RA114, D6RA15, D6RA167, D6RA168,
D6RA181, D6RA42, D6RA43, D6RA47,
D6RA63, D6RA67, D6RA68
OD 4.00, Length 13.90

Pkg. 5



135867 Armature Gear
Servicing: 182175, D9R112, D9R116,
D9R118, D9R119, D9R121, D9R122, D9R142,
D9R144, D9R149, D9R73, D9R84, D9R89,
D9R90, D9R91
ID 10.00, OD 21.10, Height 34.40,
No./teeth 15

Pkg. 10



230088 Steel Pin
Servicing: 594187, D6RA105, D6RA107, D6RA110,
D6RA115, D6RA138, D6RA70, D6RA91, D6RAD183,
D6RADP359, D6RAP229, D6RAP404, D7R40
OD 5.00, Length 18.00

Pkg. 10



236215 Washer
Servicing: D9R105, D9R112, D9R116, D9R118,
D9R119, D9R122, D9R142, D9R144, D9R149,
D9R73, D9R89, D9R90, D9R91, D9R97, D9R99
ID 18.00, OD 29.70, Thickness 1.10,
Material Fiber

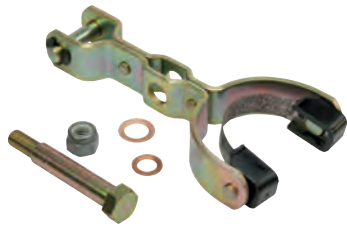
Levers



132029 Lever Kit
Manufacturer: Valeo
Replacing: 182048
Servicing: D9R105, D9R1050, D9R106,
D9R116, D9R118, D9R119, D9R121, D9R122,
D9R126, D9R135, D9R139, D9R144, D9R149,
D9R73, D9R84
Dist. 25.35, ID 5.15, Length 90.70
Lever only: HC-CARGO 134866.



132971 Lever Kit
Manufacturer: Valeo
Replacing: 182156, 182154
Servicing: D13E100TE, D13E101TE, D13E104TE,
D13E105, D13E107TE, D13E108TE, D13E109TE,
D13E110, D13E110TE, D13E111, D13E111TE
Dist. 41.15, ID 8.45, Length 120.00


132972 5★ Lever Kit

Manufacturer: Valeo

Replacing: 182163

Servicing: D15E29, D15E29TE, D15E30, D15E30TE

Dist. 42.10, ID 10.25, Length 138.65


133077 5★ Lever Kit

Manufacturer: Valeo

Replacing: 594068, 181084

Servicing: D6RA10, D6RA100, D6RA108, D6RA109, D6RA11, D6RA12, D6RA13, D6RA132, D6RA141, D6RA15, D6RA16, D6RA17, D6RA18, D6RA19

 Dist. 25.80, ID 5.30, Length 75.20
 Lever only: HC-CARGO 134105.

133139# 5★ Lever Kit

Manufacturer: Valeo

Replacing: 300838

Servicing: D10E85, D10E87, D10E88, D10E881, D10E882, D10E89, D10E90, D10E92, D10E921, D10E922, D9EP119

Dist. 25.60, ID 5.30, Length 90.75


134105 Lever

Servicing: D6RA10, D6RA100, D6RA12, D6RA13, D6RA132, D6RA15, D6RA16, D6RA162, D6RA163, D6RA18, D6RA20, D6RA22, D6RA249, D6RA293

 Dist. 25.80, ID 5.30, Length 75.20
 Lever w/ plunger: HC-CARGO 133077.

Pkg. 5


134866 Lever

Servicing: D9E100, D9E101, D9E108, D9E131, D9E132, D9E136, D9E137, D9E138, D9E200, D9E237, D9E238, D9E276, D9E278, D9E300, D9E36

 Dist. 25.60, ID 5.40, Length 90.65
 Lever w/ plunger: HC-CARGO 132029.

Pkg. 5


135515 Lever

Servicing: 1250128, 188839, D7R1, D7R11, D7R12, D7R127, D7R13, D7R15, D7R151, D7R16, D7R18, D7R19, D7R2, D7R20, D7R22, D7R23

 Dist. 25.50, ID 5.30, Length 82.20
 Lever w/ plunger: HC-CARGO 139439.

Pkg. 5


136620 5★ Lever Kit

Manufacturer: Valeo

Replacing: 182058, 098945

Servicing: D10E86, D9E100, D9E101, D9E102, D9E103, D9E104, D9E107, D9E108, D9E109, D9E111, D9E113, D9E114, D9E123, D9E124, D9E125

 Dist. 25.60, ID 5.40, Length 90.65
 Lever only: HC-CARGO 134866.

137732 5★ Lever Kit

Manufacturer: Valeo

Replacing: 594422, 594374, 594259, 594255

Servicing: 626002, D6RA101, D6RA104, D6RA105, D6RA107, D6RA110, D6RA114, D6RA115, D6RA133, D6RA137, D6RA138, D6RA141, D6RA161

 Dist. 22.35, ID 5.30, Length 73.25
 Lever only: HC-CARGO 138854.

138112 5★ Lever Kit

Manufacturer: Valeo

Replacing: 594298, 593253, 182036

Servicing: D13E117TE, D13E118TE, D13E119TE, D13E120TE, D13E121TE, D13E122TE, D13E123, D13E1231TE, D13E123TE, D13HP601, D13HP605

Dist. 37.00, ID 8.30, Length 121.40


138114 5★ Lever Kit

Manufacturer: Valeo

Replacing: 594069

Servicing: D9R112, D9R134, D9R142, D9RP256

Dist. 25.30, Length 109.75

Pkg. 5


138854 Lever

Replacing: 594460

Servicing: 626002, D6RA105, D6RA110, D6RA114, D6RA115, D6RA133, D6RA137, D6RA138, D6RA141, D6RA161, D6RA162, D6RA163, D6RA167

 Dist. 21.70, ID 5.35, Length 73.20
 Lever only: HC-CARGO 137732.

139439 5★ Lever Kit

Manufacturer: Valeo

Replacing: 594390, 594281, 594262

Servicing: 1250128, 188839, D7R1, D7R11, D7R12, D7R127, D7R13, D7R14, D7R15, D7R151, D7R16, D7R18, D7R19, D7R2, D7R20, D7R22

 Dist. 24.40, ID 5.15, Length 82.30
 Lever only: HC-CARGO 135515.



139533 Lever Kit
 Replacing: 36114-11130
 Servicing: M56290
 Dist. 22.30, Length 77.25

Pkg. 20



231148 Lever
 Servicing: 105119C, D7E1, D7E16, D7E18, D7E19, D7E2, D7E22, D7E23, D7E25, D7E26, D7E30, D7E32, D7E38, D7E39, D7E4, D7E40, D7E42
 Dist. 19.00, Length 83.00

335124 Lever
 Manufacturer: Valeo
 Replacing: 36100-2G100FFF
 Dist. 21.50, Length 75.00

Lever Parts

Various

Pkg. 10



134142 Spacer
 Servicing: D10E74, D11E163, D11E169, D11E172, D11E173, D11E176, D11E177, D11E187, D11E272, D8E117, D8E121, D8E130, D8E131, D8E132
 OD 12.00, Height 11.00



231192 Spring Kit
 Servicing: HQ808670, MG120413, MG122202, TM000A06101, TM000A18601, TM000A23601, TM000V23601

Pkg. 10



237685 Lever Support
 Servicing: 105119C, D7E1, D7E15, D7E16, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E29, D7E39, D7E5, D7E6, D7E7, D7ED281
 Length 21.52
 Plastic.

Clutches



231269 Clutch
 Servicing: HK988300, HQ808670, MG120413, MG120445, MG122202, MG122433, TM000A14901, TM000A18601
 Total length 117.00/131.00,
 No./splines 19



237115 Clutch
 Servicing: TM000A23601, TM000V23601
 Total length 117.80/131.00,
 No./splines 19

Brush Gears



132812 Brush Gear
 Servicing: D9E100, D9E131, D9E138, D9E140, D9E200, D9E238, D9E300, D9E40, D9E43, D9E44, D9E45, D9E46, D9E49, D9E51, D9E53, D9E54
 OD 55.50
 Brush set: HC-CARGO PSX1304.

Pkg. 5



132995 Brush Gear
 Servicing: D9E101, D9E108, D9E123, D9E132, D9E136, D9E137, D9E237, D9E276, D9E278, D9E36, D9E38, D9E39, D9E48, D9E56, D9E57, D9E61
 OD 69.90
 Brush set: HC-CARGO PSX1332.



133341 Brush Gear
 Replacing: 36169-32510
 Servicing: 1250299, 1250301, M42373, M53486, MG112014, MG112022, MP112033, MP112040, MP112041, MP112042, MP112043, S000V1196228
 12 V, OD 67.35
 Pos. brush: HC-CARGO 140967.
 Alternative no.: 333636



133646 Brush Gear
 Replacing: 594072, 181961
 Servicing: D6RA10, D6RA12, D6RA16, D6RA18, D6RA20, D6RA45, D6RA47, D6RA6, D6RA61, D6RA7, D6RA8
 OD 62.50
 Spring and brush set: HC-CARGO PSX146-147K.


133647 Brush Gear

Replacing: 594070, 186381, 183957
 Servicing: 626002, D6RA10, D6RA100, D6RA101, D6RA104, D6RA105, D6RA107, D6RA110, D6RA114, D6RA115, D6RA12, D6RA13, D6RA132
 OD 61.75
 Spring and brush set: HC-CARGO PSX144-145K.


134642 Brush Gear

Servicing: D9R112, D9R116, D9R118, D9R121, D9R122, D9R142, D9R144, D9R73, D9R84, D9R89, D9R90, D9R91, D9R97, D9R99, D9RP256
 OD 69.90
 Brush set: HC-CARGO PSX140-1414. Brush spring: HC-CARGO 135201.


135467 Brush Gear

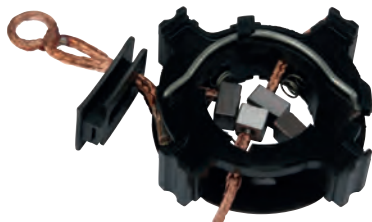
Replacing: 3EM092301D
 Servicing: M000A01901, M000A0240Z, M04686, M35216, M39376, M39646, M43196, MC107012, MC107023, MC108024, MC108027, MC108030
 12 V, OD 74.00
 Neg. brushes. Brush set: HC-CARGO 140349.


136763 Brush Gear

Replacing: 594780
 Servicing: 1250128, 188839, D7G14, D7G20, D7G26, D7R1, D7R11, D7R12, D7R127, D7R13, D7R15, D7R151, D7R16, D7R17, D7R18, D7R19
 12 V, OD 77.00
 Brush set: HC-CARGO PSX1584.
 Alternative no.: 333646


138642 ★ Brush Gear

Manufacturer: Valeo
 Replacing: 2106053, 184630
 Servicing: D13E117TE, D13E118TE, D13E123, D13E1231TE, D13E123TE, D13HP703
 24 V, OD 90.00
 Neg. brushes. Brush set: HC-CARGO PSX1124.


139224 Brush Gear

Replacing: 594479, 594351, 594290
 Servicing: 105119C, D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E27, D7E29, D7E30, D7E31, D7E32, D7E38
 12 V, OD 59.75
 Brush set: HC-CARGO PSX1554.
 Alternative no.: 333648


230126 ★ Brush Gear

Manufacturer: Valeo
 Replacing: 182467
 Servicing: D15E29, D15E29TE, D15E30, D15E30TE
 OD 104.60
 Neg. brushes. Brush set: HC-CARGO PSX884.


231841 Brush Gear

Replacing: 594381
 Servicing: ACR, D7ES1, D7ES2, D7ES4, D7ES5, TS10E26
 OD 59.60


233617 ★ Brush Gear

Manufacturer: Valeo
 Replacing: 594222
 Servicing: D13HP605, D13HP607, D13HP608
 OD 95.20
 Brush set: HC-CARGO 141067.


233771 Brush Gear

Servicing: D9R119, D9R149, D9RP160
 OD 84.60
 Brush set: HC-CARGO PSX140-1414.


234119 Brush Gear

Replacing: 190097
 Servicing: 190895, D7G11, D7G3, D7G4, D7GS9
 12 V, OD 67.55
 1.7 kW.
 Alternative no.: 333654


235390 Brush Gear

Servicing: TM000A27301, TM000A27601, TM000A31001, TM000A37001
 12 V, OD 64.00

Pkg. 10



239731 Brush Gear

Replacing: 193288, 191824, 190987

Servicing: 191335, 458389, D7GS10, D7GS8, TS18E1, TS18E3, TS18ER121, TS18ER123, TS18ER20

12 V



332467 Brush Gear

Servicing: M62957, TM000A14401

12 V, OD 65.42



333317 Brush Gear

Manufacturer: Valeo

Replacing: 594674

Servicing: D6GS11, D6GS12, D6GS12M, D6GS13, D6GS14, TS12ER20, TS12ER22M, TS14E110

12 V, OD 60.25

Alternative no.: 335009



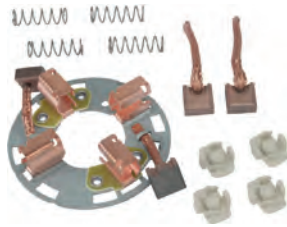
333654 Brush Gear

Replacing: 190097

Servicing: D7G11, D7G3, D7G4

12 V, OD 67.55
1.7 kW.

Alternative no.: 234119



333667 Brush gear

Servicing: 1250449, D7RS129, D7RS130, D7RS131, D7RS150, D7RS29, D7RS30, D7RS301, D7RS31, D7RS50

12 V, OD 77.00



335009 Brush Gear

Replacing: 594674

Servicing: D6GS12, D6GS12M, D6GS13, D6GS14, TS12ER20

12 V

Alternative no.: 333317

Brush Gear Parts

Brush Springs



132571 Brush Spring Set

Servicing: D9E140, D9E86

OD 7.25, Length 29.70

Pkg. 10



134902 Brush Spring

Replacing: 300842

Servicing: D10E 85, -87, -88, -89, -90

OD 11.90, Length 26.90



135018 Brush Spring

Replacing: 092533, 092528

Servicing: D11E101, D11E102, D11E105, D11E107, D11E108, D11E109, D11E110, D11E111, D11E115, D11E123, D11E126, D11E135, D11E155

OD 11.50, Length 23.90

Pkg. 10



135422 Brush Spring

Servicing: D7R..., D7RS..., 1250449, D7G14, D7G26, D7R40, D7R48, D7RP204, D8R1, D8R28, D8R49, TS18E13, TS18E33, TS18E331, TS22E45

OD 8.55, Length 26.00

Pkg. 10



135423 Spring Retainer

Servicing: 1250449, D7G14, D7G26, D7R40, D7RP204, D8R1, D8R28, D8R49, TS18E13, TS18E33, TS18E331, TS22E45, TS22E5, TS22E5B, TS22E8

OD 18.10, Height 6.15

Pkg. 10



233766 Brush Spring

OD 11.85, Length 33.50

Pkg. 10


236615 Brush Spring

Servicing: D6G1, D6G3, D6G32, D6G321, D6G33, D6G332, D6G5, D6GS11, D6GS12, D6GS12M, D6GS13, D6GS14, D6GS19, ESW20E26, ESW20ER121
OD 7.90

Brush Sets

140851 Brush/Spring Kit

Replacing: 182145

Servicing: D11E122, D11E122T, D11E128, D11E128T, D11E130, D11E89, D11E89T, D11E89TE, D11E90, D11E90T, D11E98, D11E98T, D11E98TE

Length 17.00, Lead length 76.50, Height 25.00, Thickness 10.00
Brush set only: HC-CARGO PSX83-844.
Alternative no.: PSX83-844


141067 Brush Set

Replacing: 594286

Servicing: D13HP601, D13HP605, D13HP607, D13HP608, D13HP609, D13HP613

24 V, Length 20.00, Lead length 69.50, Lead length 2 46.00, Height 25.00, Thickness 10.00


141224 Brush Set

12 V, Length 15.15, Height 11.85, Lead length 61.00/93.00, Lead length 2 30.00, Thickness 4.42


141244 Brush Set

Servicing: TM000A27301, TM000A27601, TM000A31001, TM000A37001

12 V, Length 12.00, Lead length 27.00, Lead length 2 20.00/29.00, Height 12.00, Thickness 4.50


141274 Brush Set

Servicing: D6RA137, D6RA187, D6RA188

12 V, Length 21.10, Lead length 90.00, Lead length 2 22.00, Height 10.00, Thickness 7.45


142037 Brush Set

Servicing: 1195239, 1250303, S0001250303, TA000A37301, TM000A37001, TM000A37201, TM000A37301

12 V, Length 12.00, Lead length 33.00, Lead length 2 24.50, Height 10.60, Thickness 5.00


142039 Brush Set

Servicing: TM000A18001, TM000A23501, TM000A35301

12 V, Length 12.00, Lead length 32.50, Lead length 2 25.00, Height 12.00, Thickness 4.50


142058 Brush Set

12 V, Length 12.00, Lead length 30.00, Lead length 2 64.50, Height 12.00, Thickness 4.50


142071 Brush

Servicing: 1250295, TM000A33401

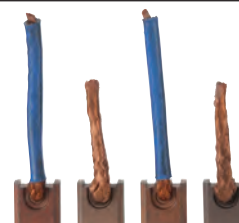
12 V, Length 11.83, Lead length 30.50, Height 16.07, Thickness 4.45
Cable length B+=50.50 mm.


142345 Brush Set

Replacing: 594066, 182067, 182066, 092914

12 V, Length 15.15, Lead length 66.00, Lead length 2 42.00, Height 11.80, Thickness 7.60/12.50

Alternative no.: PSX1332


142351 Brush Set

Replacing: PSX142-1454

Length 14.00, Lead length 55.00, Lead length 2 37.00, Height 14.00, Thickness 7.00

Pkg. 5

NEW PRODUCT
www.hc-cargo.com

332468 Brush Set
Servicing: M62957, TM000A14401
12 V, Lead length 27.00, Height 11.78, Thickness 4.10



334084 Brush Set
Replacing: PSX171-1728
Servicing: ESW20E26, ESW20ER121, ESW20ER123, ESW20ER123HE
12 V, Length 12.45, Lead length 33.50, Lead length 2 88.15, Height 11.00, Thickness 6.95



PSX106-1072 Brush Set
Replacing: 182072, 078166
12 V, Length 14.00, Lead length 66.50, Height 15.00, Thickness 7.00



PSX1124 Brush Set
Replacing: 182146, 180237, 078900
Servicing: D13E107TE, D13E109TE, D13E110, D13E110TE, D13E76, D13E77, D13E77T, D13E86TE, D13E87TE, D13E93TE, D13E94TE, D13E96TE
24 V, Length 17.00, Lead length 40.00, Height 18.00, Thickness 10.00



PSX115-1162 Brush Set
Replacing: 182064, 092655, 075943, 075269
Servicing: D10E48, D10E54, D10E57, D10E63, D10E64, D10E65, D10E76, D10E80, D10E84, D8E104, D8E106, D8E108, D8E109, D8E112, D8E113
12 V, Length 14.00, Lead length 66.00, Height 18.00, Thickness 6.90



PSX119-1202 Brush Set
Replacing: 182070
Servicing: D8E107, D8E111, D8E116, D8E130, D8E131, D8E141, D8E148, D8E154, D8E54, D8E74, D8E99
12 V, Length 14.30, Lead length 65.00, Height 14.90, Thickness 6.90



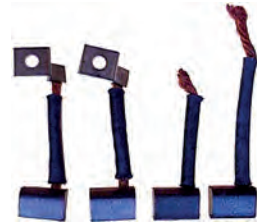
PSX122-123-124 Brush Set
Replacing: 182073
12 V, Length 15.10, Lead length 54.00, Lead length 2 34.00, Height 12.45, Thickness 4.50/8.90



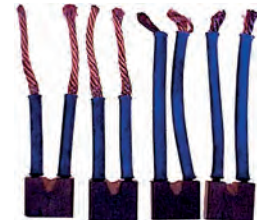
PSX1254 Brush Set
Replacing: 92744
12 V, Length 17.25, Lead length 73.00, Height 24.95, Thickness 9.95
Set w/ springs: HC-CARGO 140840.
Alternative no.: 140840



PSX1292/1P Brush Set
Replacing: 594065, 182065, 092878
Servicing: D9E100, D9E102, D9E104, D9E111, D9E131, D9E138, D9E200, D9E238, D9E300, D9E31, D9E40, D9E43, D9E44, D9E45, D9E46, D9E49
12 V, Length 15.00, Lead length 62.00, Lead length 2 42.00, Height 10.10, Thickness 6.50/9.60



PSX1304 Brush Set
Replacing: 300687, 182068, 092883
12 V, Length 15.10, Lead length 64.00, Lead length 2 41.00, Height 10.05, Thickness 6.50/9.65



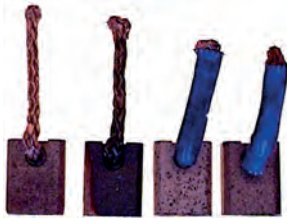
PSX1324 Brush Set
Replacing: 182118, 092925, 075707
Servicing: D11E148, D11E156, D11E161, D11E172, D11E177, D11E184, D11E187, D11E188, D11E191, D11E192, D11E195, D11E272
12 V, Length 14.05, Lead length 66.00, Height 17.90, Thickness 9.90



PSX1332 Brush Set
Replacing: 594066, 182067, 182066, 092914
Servicing: D9E101, D9E107, D9E108, D9E109, D9E113, D9E114, D9E123, D9E124, D9E125, D9E127, D9E129, D9E132, D9E136, D9E137, D9E237
12 V, Length 15.05, Lead length 66.00, Lead length 2 44.00, Height 11.80, Thickness 6.90/12.50
Alternative no.: 142345


PSX133K2 Brush Set

Replacing: 300706

 12 V, Length 15.00, Lead length 43.00,
 Lead length 2 67.00, Height 11.85,
 Thickness 6.90/12.45

PSX136-1374 Brush Set

Replacing: 300841

 Servicing: D10E85, D10E87, D10E88,
 D10E881, D10E882, D10E89, D10E90,
 D10E92, D10E921, D10E922

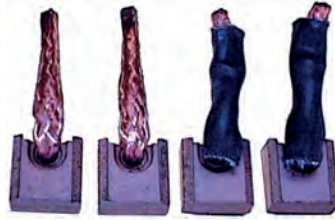
 12 V, Length 18.45, Lead length 44.50,
 Height 14.90, Thickness 6.85

PSX138-1392 Brush Set

 12 V, Length 22.00, Lead length 41.00,
 Lead length 2 47.00, Height 17.90,
 Thickness 8.85

PSX140-1414 Brush Set

Servicing: D9R116, D9R126, D9R144

 12 V, Length 21.95, Lead length 47.00,
 Height 17.90, Thickness 8.90

PSX142-1434 Brush Set

 Servicing: 1250128, 1250449, 188839,
 D7G20, D7R1, D7R11, D7R12, D7R127,
 D7R13, D7R14, D7R15, D7R151, D7R16,
 D7R18, D7R19, D7R2

 12 V, Length 13.75, Lead length 35.50,
 Height 13.80, Thickness 6.85

Alternative no.: PS142, PS143


PSX142-1444 Brush Set

Replacing: 187779, 187778

 Servicing: 188839, D7G26, D7R1, D7R11,
 D7R12, D7R127, D7R13, D7R15, D7R151,
 D7R16, D7R17, D7R18, D7R19, D7R2, D7R22,
 D7R23, D7R25

 12 V, Length 13.70, Lead length 56.00,
 Lead length 2 36.00, Height 14.00,
 Thickness 7.00
 2 component.

PSX144-145K Brush Set

 Replacing: PSX144-145K, 594386, 594317,
 594127, 594063, 594062, 594060

 Servicing: D6RA101, D6RA104, D6RA110,
 D6RA12, D6RA13, D6RA141, D6RA15,
 D6RA16, D6RA161, D6RA167, D6RA17,
 D6RA18, D6RA19, D6RA20

 12 V, Length 18.00, Lead length 86.00,
 Lead length 2 45.00/50.00, Height 11.00,
 Thickness 4.50/9.00

 Only spring: HC-CARGO 610203. Only gasket:
 HC-CARGO 610204. 2 component.

Alternative no.: 142346


PSX146-147K Brush Set

Replacing: 594064, 594061

Servicing: D6RA10, D6RA7, D6RA8

 12 V, Length 14.00, Lead length 92.00,
 Lead length 2 47.00, Height 11.00,
 Thickness 4.50/9.00

 Spring only: HC-CARGO 610205. insulator
 only: HC-CARGO 610204.

PSX148-157K Brush Set

 Servicing: D6RA13, D6RA15, D6RA17,
 D6RA19, D6RA21, D6RA22, D6RA23, D6RA25,
 D6RA26, D6RA28, D6RA29, D6RA30, D6RA32,
 D6RA34, D6RA39

 12 V, Length 18.00, Lead length 56.00,
 Lead length 2 46.00, Height 11.00,
 Thickness 4.50/9.00

2 component.


PSX148-158K Brush Set

Servicing: D6RA101, D6RA293, D6RA93

 12 V, Length 18.00, Lead length 72.00,
 Lead length 2 45.00, Height 11.00,
 Thickness 4.50/9.00

PSX148-159K Brush Set

Replacing: 594360, 594169

 Servicing: D6RA133, D6RA180, D6RA181, D6RA33,
 D6RA37, D6RA47, D6RA51, D6RA511, D6RA57,
 D6RA571, D6RA67, D6RA78, D6RA79, D6RA80

 12 V, Length 18.00, Lead length 41.00,
 Lead length 2 46.50, Height 11.00,
 Thickness 4.50/9.00

 Only spring: HC-CARGO 610203. Only gasket:
 HC-CARGO 610204. 2 component.



PSX152-1538 Brush Set

Replacing: 182037

Servicing: D13E117TE, D13E118TE, D13E119TE, D13E120TE, D13E121TE, D13E122TE, D13E123, D13E1231TE, D13E123TE, D13HP701, D13HP702

24 V, Length 17.00, Lead length 67.50, Height 18.00, Thickness 10.00



PSX1554 Brush Set

Replacing: 187144

Servicing: D7E... 2 COMPONENT, D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30

12 V, Length 11.00, Lead length 31.50, Height 8.00, Thickness 6.40

Alternative no.: PS155B



PSX1564 Brush Set

Replacing: 187888

Servicing: ACR, 2 COMPONENT

12 V, Length 11.00, Lead length 30.00, Height 8.00, Thickness 6.40



PSX1584 Brush Set

Servicing: D7R..., D7R48

12 V, Length 13.70, Lead length 56.00, Lead length 2 37.00, Height 14.00, Thickness 7.00



PSX160-1644 Brush Set

Replacing: 191060, 190986

Servicing: 190895, 191335, 458389, D7G11, D7G3, D7G4, D7GS10, D7GS8, D7GS9, TS18E3, TS18ER121, TS18ER123, TS18ER20

12 V, Length 11.50, Lead length 28.00, Lead length 2 25.50, Height 13.00, Thickness 7.00

2 component.



PSX1614 Brush Set

Servicing: D8R... 2 COMPONENT

12 V, Length 13.80/14.00, Lead length 36.00, Height 13.70, Thickness 7.00



PSX166-1674 Brush Set

Replacing: 191849, 191771

Servicing: D6G2, D6G3, D6G5

12 V, Length 15.50, Lead length 38.50, Lead length 2 24.00, Height 10.00, Thickness 3.90/6.40

2 component.



PSX168-1674 Brush Set

Replacing: 192285

Servicing: D6GSP19

12 V, Length 15.50, Lead length 38.50, Lead length 2 22.00, Height 10.00, Thickness 3.90/6.40

2 component. Overload protection.



PSX169-1704 Brush Set

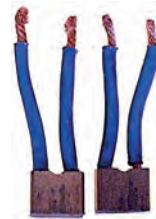
Replacing: 191773, 191772

Servicing: ACR, D6G3, D6G32, D6G33, D6G5, D6GS11, D6GS12, D6GS13, D6GS14, TS12E10, TS12E9, TS12ER20, TS14E11

12 V, Length 15.50, Lead length 22.50, Lead length 2 39.00, Height 10.00, Thickness 3.90/6.40

2 component. Overload protection.

Alternative no.: PS169B, PS170B



PSX54-692 Brush Set

Replacing: 182069, 072595

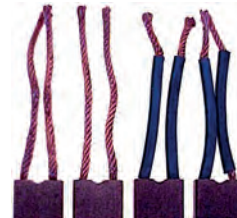
6 V, Length 14.50, Lead length 56.35, Height 18.00, Thickness 10.00



PSX64-702 Brush Set

Replacing: 72591A, 075452, 072591

12 V, Length 17.00, Lead length 60.00, Height 18.00, Thickness 7.00

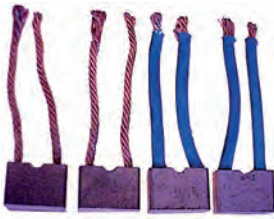


PSX77-784 Brush Set

Replacing: 72632H, 182112, 072632, 072619

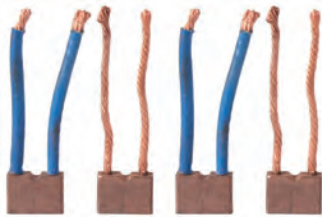
Servicing: D11E58, D11E69, D11E84, D11E85, D8E105

12/24 V, Length 14.00, Lead length 65.00, Height 18.00, Thickness 7.00


PSX81-824 Brush Set

Replacing: 300679, 182115, 182114, 075093, 072631

Servicing: D11E118, D11E119, D11E119T, D11E120, D11E129, D11E129T, D11E131, D11E137, D11E141, D11E146, D11E153, D11E153T, D11E154

 12 V, Length 17.00, Lead length 73.50, Height 25.00, Thickness 10.00
 Set w/ springs: HC-CARGO 140840.

PSX83-844 Brush Set

Replacing: 182153, 182132, 072630

Servicing: D11E122, D11E122T, D13E111, D13E111TE

 24 V, Length 17.00, Lead length 73.50, Height 25.00, Thickness 10.00
 Set w/ springs: HC-CARGO 140851.

Alternative no.: 140851


USX64-652 Brush Set

Replacing: 182194

6 V, Length 15.00, Lead length 46.00, Height 15.00, Thickness 8.00


USX682 Brush Set

Replacing: 618481, 075238

12 V, Length 15.00, Lead length 46.00, Height 15.00, Thickness 8.00

Brushes

Pkg. 100


PS115 Brush

Replacing: PSX115-1162

12 V, Length 14.10, Lead length 65.50, Height 17.95, Thickness 6.92

Alternative no.: PSX115-1162



Pkg. 100

PS116 Brush

Replacing: PSX115-1162

12 V, Length 14.30, Lead length 66.00, Height 17.95, Thickness 6.95

Alternative no.: PSX115-1162



Pkg. 100

PS129A Brush

Replacing: PSX1292/1P

Servicing: D9E140

12 V, Length 15.05, Lead length 68.00, Height 10.15, Thickness 6.00/9.55

Alternative no.: PSX1292/1P



Pkg. 100

PS129B Brush

Replacing: PSX1292/1P

Servicing: D9E140

12 V, Length 15.00, Lead length 41.50, Height 9.85, Thickness 6.50/9.85

Alternative no.: PSX1292/1P



Pkg. 100

PS133A Brush

Replacing: PSX1332

Servicing: D9E82, D9E86

12 V, Length 15.00, Lead length 63.50, Height 11.80, Thickness 7.30/12.25

Alternative no.: PSX1332



Pkg. 100

PS133B Brush

Replacing: PSX1332

Servicing: D9E82

12 V, Length 15.00, Lead length 48.00, Height 11.75, Thickness 7.00/12.30

Alternative no.: PSX1332



Pkg. 100

PS140/O Brush

Replacing: PSX140-1414

12 V, Length 22.00, Lead length 47.00, Height 17.90, Thickness 8.85

Alternative no.: PSX140-1414



Pkg. 100

PS141/S Brush

Replacing: PSX140-1414

12 V, Length 22.00, Lead length 45.00, Height 17.90, Thickness 8.90

Alternative no.: PSX140-1414

Pkg. 100



PS142 Brush

Servicing: D7G14, D7R40, D7R48, D7RP204, D8R28, D8R49, TS24E3
 12 V, Length 13.75, Lead length 35.50, Height 13.80, Thickness 6.85
 Alternative no.: PSX142-1434

Pkg. 100



PS143 Brush

Servicing: D7G14, D7R40, D7R48, D7RP204, D8R28, D8R49, TS24E3
 12 V, Length 13.75, Lead length 35.50, Height 13.80, Thickness 6.85
 Alternative no.: PSX142-1434

Pkg. 100



PS144 Brush

Replacing: PSX142-1444
 Servicing: D6RA105, D6RA107, D6RA115, D6RA138, D6RA70, D6RA91, D6RAD183, D6RADP359, D6RAP229, D6RAP404
 12 V, Length 17.95, Lead length 46.00, Height 11.00, Thickness 4.50/9.05
 Alternative no.: PSX144-145K

Pkg. 100



PS145 Brush

Replacing: 188571
 Servicing: D6RA105, D6RA107, D6RA115, D6RA138, D6RA70, D6RA91, D6RAD183, D6RADP359, D6RAP229, D6RAP404
 12 V, Length 17.90, Lead length 86.00, Lead length 2 50.00, Height 11.00, Thickness 4.50/9.05
 Alternative no.: PSX144-145K

Pkg. 100



PS146# Brush

Replacing: PSX146-147K
 12 V, Length 13.90, Lead length 43.00, Height 10.85, Thickness 4.50/9.05
 Alternative no.: PSX146-147K

Pkg. 100



PS147# Brush

Replacing: PSX146-147K
 12 V, Length 13.90, Lead length 90.00, Lead length 2 51.00, Height 10.85, Thickness 4.50/8.90
 Alternative no.: PSX146-147K

Pkg. 100



PS155B Brush

Replacing: 187144
 Servicing: D7E... 2 COMPONENT, 105119C, D7E39, D7ED28, ESW10E7
 12 V, Length 11.00, Lead length 31.50, Height 8.00, Thickness 6.40
 Alternative no.: PSX1554

Pkg. 100



PS169B Brush

Replacing: 191773, 191772
 Servicing: ACR, D6G1, D6G321, D6G332, D6GS12M, D6GS19, TS12ER20, TS14E110
 12 V, Length 15.50, Lead length 22.50, Height 10.00, Thickness 3.90
 2 component. Overload protection.
 Alternative no.: PSX169-1704

Pkg. 100



PS170B Brush

Replacing: 191773, 191772
 Servicing: ACR, D6G1, D6G321, D6G332, D6GS12M, D6GS19, TS12ER20, TS14E110
 12 V, Length 15.50, Lead length 39.00, Height 10.00, Thickness 6.40
 2 component. Overload protection.
 Alternative no.: PSX169-1704

Pkg. 100



PS99 Brush

Replacing: PSX1324
 12 V, Length 14.25, Lead length 65.80, Height 17.95, Thickness 9.95
 Alternative no.: PSX1324

Bushings

Pkg. 10



140038 Bushing

Replacing: 098888
 ID 10.07, OD 13.05, Length 12.00
 Alternative no.: B140038

Pkg. 10



140043 Bushing

Replacing: 051914
 Servicing: 532004C, D10E48, D10E59, D10E63, D10E72, D10E74, D10E75, D10E80, D10E81, D10E83, D10E85, D10E88, D10E881, D10E882
 ID 12.10, OD 15.05, Length 15.00
 Alternative no.: B140043

Pkg. 10


140064 Bushing

Replacing: 035070

Servicing: D10E66

ID 12.07, OD 15.05, Length 20.00

Alternative no.: B140064

Pkg. 10


140065 Bushing

Replacing: 604521, 047852

Servicing: D11E109, D11E120, D11E131, D11E142, D11E155, D11E156, D11E158, D11E159, D11E167T

ID 14.07, OD 18.05, Length 20.15

Alternative no.: B140065

Pkg. 10


140066 Bushing

Replacing: 072101, 030828

Servicing: D11E131, D11E155, D11E156, D11E167T

ID 16.00, OD 19.15, Length 15.00

Alternative no.: B140066

Pkg. 10


140067 Bushing

Replacing: 050488

Servicing: D11E120, D11E131, D11E156, D11E158, D11E163, D11E169, D11E172, D11E173, D11E176, D11E177, D11E187, D11E272

ID 20.02, OD 24.06, Length 12.00

Alternative no.: B140067

Pkg. 10


140068 Bushing

Replacing: 047403

ID 17.05, OD 21.05, Length 20.00

Alternative no.: B140068

Pkg. 10


140119 Bushing

Replacing: 074952

Servicing: D10E48, D10E63, D10E66, D10E72, D10E74, D10E80, D10E85, D10E92, D10E921, D8E109, D8E126, D9E16, D9E21

ID 16.00, OD 20.00, Length 10.00

Alternative no.: B140119

Pkg. 10


140258 Bushing

Replacing: 105464

Servicing: D9R112, D9R116, D9R118, D9R119, D9R121, D9R122, D9R142, D9R144, D9R149, D9R73, D9R84, D9R89, D9R90, D9R91, D9R97, D9R99

ID 10.03, OD 13.04, Length 13.00

Alternative no.: B140258

Pkg. 10


140259 Bushing

Replacing: 105715

Servicing: D9R112, D9R116, D9R118, D9R119, D9R121, D9R122, D9R142, D9R144, D9R149, D9R73, D9R84, D9R89, D9R90, D9R91, D9R97, D9R99

ID 10.06, OD 13.04, Length 16.00

Alternative no.: B140259

Pkg. 10


140429 Bushing

Replacing: 36112-11140

Servicing: M000A0240Z, M04686, M35216, M39376, M39646, M43196, M56290, MC107023, MC108024, MC108027, MC108030, MC109011, MC109015

ID 12.02, OD 16.00, Length 9.50

Alternative no.: B140429

Pkg. 10


140440 Bushing

Replacing: 104164

Servicing: D10E88, D10E881, D10E882, D10E89

ID 16.00, OD 20.00, Length 8.00

Alternative no.: B140440


140472 Bushing Kit

Replacing: NE666, 182157

Servicing: D13E100TE, D13E101TE, D13E104TE, D13E105, D13E108TE, D13E111, D13E111TE, D13E116, D13E72, D13E73, D13E73TE, D13E74


140473 Bushing Kit

Replacing: NE486, 182158

Servicing: D13E107TE, D13E109TE, D13E110, D13E110TE, D13E117TE, D13E118TE, D13E119TE, D13E120TE, D13E121TE, D13E122TE, D13E123

Pkg. 10



140496 Bushing

Servicing: D6G3, D6G32, D6G33, D6G332, D6G5, D6RA10, D6RA12, D6RA13, D6RA132, D6RA133, D6RA141, D6RA15, D6RA16, D6RA161, D6RA162

ID 12.06, OD 15.04, Length 10.00

Alternative no.: B140496

Pkg. 10



140497 Bushing

Servicing: 626002, D6RA10, D6RA100, D6RA101, D6RA104, D6RA110, D6RA114, D6RA12, D6RA13, D6RA132, D6RA133, D6RA137, D6RA141, D6RA15

ID 6.05, OD/collar 13.76, OD 10.02, Length 8.30, Height/collar 2.10

Alternative no.: B140497

Pkg. 10



140498 Bushing

Servicing: 626002, D6RA100, D6RA101, D6RA104, D6RA114, D6RA132, D6RA15, D6RA162, D6RA163, D6RA167, D6RA168, D6RA181, D6RA249

ID 18.05, OD 22.04, Length 5.00

Alternative no.: B140498

Pkg. 10



140499 Bushing

Servicing: 626002, D6G3, D6G32, D6G33, D6G332, D6G5, D6GS12, D6GS13, D6GS14, D6RA100, D6RA101, D6RA104, D6RA114, D6RA132, D6RA15

ID 6.02, OD 9.00, Length 7.10

Alternative no.: B140499

Pkg. 10



140501 Bushing

Replacing: 078039

ID 12.00, OD/collar 18.00, OD 15.06, Length 16.00, Height/collar 1.50

Alternative no.: B140501



140526 Bushing Kit

Replacing: NE002, 182142

Servicing: D11E184, D11E189, D11E191, D11E192, D11E195, D11E197, D11E198



140531 Bushing Kit

Replacing: NE003, 182061

Servicing: D10E59, D10E69, D10E75, D10E81, D10E83, D8E104, D8E105, D8E106, D8E107, D8E110, D8E111, D8E112, D8E113, D8E114, D8E115



140533 Bushing Kit

Replacing: NE379, NE005, 182063

Servicing: 532001AB, 532001B, 532005A, 532007A, 532011A, 532012A, 532012B, 532017A, 532020A, 532020B, 532021A, 532023A, 532024A

ID 12.07, OD 15.07, Length 12.01



140536 Bushing Kit

Replacing: NE007, 182096

Servicing: D10E85, D10E87, D10E88, D10E881, D10E882, D10E89, D10E90, D10E92, D10E921, D10E922



140537 Bushing Kit

Replacing: NE008, 182136

Servicing: D11E108, D11E118, D11E119, D11E119T, D11E120, D11E131, D11E137, D11E139, D11E139T, D11E141, D11E144, D11E146, D11E148



140539# Bushing Kit

Replacing: NE010, 182138

Servicing: D11E122, D11E122T, D11E128, D11E128T, D11E129, D11E129T, D11E138, D11E138T, D11E149



140540 Bushing Kit

Replacing: NE011, 182139

Servicing: 182442, D11E120, D11E126, D11E142, D11E143, D11E153, D11E153T, D11E154, D11E155, D11E156, D11E158, D11E159, D11E160


140541 Bushing Kit

Replacing: NE012, 182140

Servicing: D11E163, D11E164, D11E169, D11E172, D11E173, D11E176, D11E177, D11E178, D11E187, D11E188, D11E192, D11E272


140543 Bushing Kit

Replacing: NE381

Servicing: 6056H, 6056J, 6099C, 6099D, 6109F, 6109G, 6109H, 6109K, 6109L, 6160D, 6160E, 6160F, 6160G, 6169A, 6169B, 6177A, 6177C


140615 Bushing

Servicing: D6RA110, D6RA132, D6RA133, D6RA161, D6RA162, D6RA163, D6RA249, D6RA30, D6RA32, D6RA33, D6RA45, D6RA46, D6RA51, D6RA56

ID 6.00, OD/collar 13.76, OD 10.20, Length 8.20, Height/collar 1.55

Alternative no.: B140615


140667 Bushing

Replacing: 068763, 050531

Servicing: D11E163

ID 14.05, OD 18.05, Length 15.00


140669 Bushing

Replacing: 071437

ID 25.03, OD/collar 39.00, OD 32.07, Length 20.00, Height/collar 3.50

Alternative no.: B140669


140670 Bushing

Replacing: 071381

ID 16.05, OD 20.04, Length 24.90

Alternative no.: B140670


140671 Bushing

Replacing: 074330

ID 27.05, OD 35.07, Length 14.40

Alternative no.: B140671


140672 Bushing

Replacing: 046388

ID 20.05, OD 28.05, Length 29.00

Alternative no.: B140672


140673 Bushing

Replacing: 046390

ID 20.05, OD/collar 33.00, OD 28.07, Length 24.90, Height/collar 3.00

Alternative no.: B140673


140676 Bushing

Replacing: 095654

Servicing: D11E155, D11E167T

ID 20.04, OD 24.05, Length 16.00

Alternative no.: B140676


140679 Bushing

Replacing: 048499

ID 20.10, OD 24.02, Length 18.00

Alternative no.: B140679


140680 Bushing

Replacing: 074322, 055330

Servicing: D13HP601, D13HP605, D13HP607, D13HP702, D13HP703, D13HP709

ID 17.08, OD 21.05, Length 24.00

Alternative no.: B140680

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10



140683 Bushing

Replacing: 075289
ID 25.02, OD 30.04, Length 15.00
Alternative no.: B140683

Pkg. 10



140684 Bushing

Replacing: 096485
Servicing: D11E163
ID 14.05, OD 18.03, Length 16.00
Alternative no.: B140684

Pkg. 10



140734 Bushing

Servicing: D7G11, D7G26, D7GS10, D7R13, D7R16, D7R17, D7R18, D7R2, D7R20, D7R22, D7R23, D7R25, D7R26, D7R34, D7R4, D7R43, D7R44
ID 7.02, OD 10.00, Length 6.10
Alternative no.: B140734

Pkg. 10



140735 Bushing

Servicing: D7G11, D7G26, D7GS10, D7R13, D7R16, D7R17, D7R18, D7R2, D7R20, D7R22, D7R23, D7R25, D7R26, D7R34, D7R4, D7R43, D7R44
ID 20.02, OD 24.03, Length 5.00
Alternative no.: B140735

Pkg. 10



140952 Bushing

Servicing: D6RA15, D6RA168, D6RA42, D6RA43, D6RA47, D6RA63, D6RA68, D6RA7
ID 4.00, OD 7.00, Length 7.40

Pkg. 10



140959 Bushing

Replacing: 103063
Servicing: D13HP601, D13HP605, D13HP607, D13HP702, D13HP703, D13HP709
ID 19.00, OD 23.02, Length 25.00
Alternative no.: B140959

Pkg. 10



141097 Bushing

Servicing: D13HP601, D13HP605, D13HP607, D13HP702, D13HP703, D13HP709
ID 21.92, OD 28.05, Length 18.00

Pkg. 10



141145 Bushing

Servicing: M52100, M53486, MP112033, MP112040, MP112042, TM000A07901, TM000A08401
ID 8.10, OD 11.55, Length 11.63

Pkg. 10



141146 Bushing

ID 10.12, OD 14.00, Length 12.00

Pkg. 10



141160 Bushing

Servicing: D6RA165, D6RA185, D6RA85
ID 18.08, OD 22.06, Length 4.95

Pkg. 10



141221 Bushing

Servicing: 594436
ID 11.08, OD 12.10, Length 15.30

Pkg. 10



141252 Bushing

Servicing: 1195239, 1250303, M56290, S0001250303, TM000A27301, TM000A31001, TM000A37001, TM000A37201, TM000A37301
ID 12.02, OD/collar 19.66, OD 16.00, Length 10.96, Height/collar 2.06

Pkg. 10



141264 Bushing

Servicing: TM000A31201
ID 19.00, OD 23.50, Length 10.00



142000 Bushing Kit
 Replacing: 594458
 Servicing: D7ES1, D7ES2, D7ES4
 ID 25.15/8.03, OD 29.20/11.02,
 Length 8.00/9.50

Pkg. 10



142009 Bushing
 Servicing: 594631
 ID 12.09, OD 14.03, Length 22.90

Pkg. 10



142027 Bushing
 Servicing: TS18ER20
 ID 12.00, OD 15.40, Length 10.00

Pkg. 10



142028 Bushing
 Servicing: D6G3, D6GS12, D6GS13
 ID 14.00, OD 18.05, Length 6.40

Pkg. 10



142076 Bushing
 Servicing: 1250449
 ID 10.07, OD 13.05, Length 9.99

Pkg. 100



B140038 Bushing
 Replacing: 098888
 ID 10.07, OD 13.05, Length 12.00
 Alternative no.: 140038

Pkg. 100



B140043 Bushing
 Replacing: 051914
 ID 12.10, OD 15.05, Length 15.00
 Alternative no.: 140043

Pkg. 100



B140064 Bushing
 Replacing: 035070
 ID 12.06, OD 15.07, Length 19.90
 Alternative no.: 140064

Pkg. 100



B140065 Bushing
 Replacing: 604521, 047852
 ID 14.07, OD 18.05, Length 20.15
 Alternative no.: 140065

Pkg. 100



B140066 Bushing
 Replacing: 072101, 030828
 ID 16.00, OD 19.15, Length 15.00
 Alternative no.: 140066

Pkg. 100



B140067 Bushing
 Replacing: 050488
 ID 20.02, OD 24.06, Length 12.00
 Alternative no.: 140067

Pkg. 100



B140068 Bushing
 Replacing: 047403
 ID 17.05, OD 21.05, Length 20.00
 Alternative no.: 140068

Pkg. 100



B140119 Bushing
 Replacing: 074952
 ID 16.00, OD 20.00, Length 10.00
 Alternative no.: 140119

Pkg. 100



B140258 Bushing
 Replacing: 105464
 ID 10.03, OD 13.04, Length 13.00
 Alternative no.: 140258

Pkg. 100



B140259 Bushing
 Replacing: 105715
 ID 10.06, OD 13.04, Length 16.00
 Alternative no.: 140259

Pkg. 100



B140333 Bushing
 Replacing: B140333
 ID 12.53, OD 15.50, Length 10.50
 Alternative no.: 140333

Pkg. 100



B140440 Bushing
 Replacing: 104164
 ID 16.00, OD 20.00, Length 8.00
 Alternative no.: 140440

Pkg. 100



B140496 Bushing
 Replacing: 140496
 Servicing: D6G1, D6G321, D6RA138, TS12E9
 ID 12.06, OD 15.04, Length 10.00
 Alternative no.: 140496

Pkg. 100



B140497 Bushing
 Replacing: 140497
 Servicing: D6RA105, D6RA107, D6RA110, D6RA115, D6RA138, D6RA70, D6RA91, D6RAD183, D6RADP359, D6RAP404
 ID 6.05, OD/collar 13.76, OD 10.02, Length 8.30, Height/collar 2.10
 Alternative no.: 140497

Pkg. 100



B140498 Bushing
 Replacing: 140498
 ID 18.05, OD 22.04, Length 5.00
 Alternative no.: 140498

Pkg. 100



B140499 Bushing
 Replacing: 140499
 Servicing: D6G1, D6G321, D6GS11, D6GS12M, D6GS19, TS12E9, TS14E110
 ID 6.02, OD 9.04, Length 7.05
 Alternative no.: 140499

Pkg. 100



B140501 Bushing
 Replacing: 078039
 ID 12.00, OD/collar 18.00, OD 15.06, Length 16.00, Height/collar 1.50
 Alternative no.: 140501

Pkg. 100



B140615 Bushing
 Replacing: 140615
 ID 6.00, OD/collar 13.76, OD 10.20, Length 8.20, Height/collar 1.50
 Alternative no.: 140615

Pkg. 100



B140669 Bushing
 Replacing: 071437
 ID 25.02, OD/collar 39.00, OD 32.10, Length 19.80, Height/collar 3.45
 Alternative no.: 140669

Pkg. 100



B140670 Bushing
 Replacing: 071381
 ID 16.05, OD 20.04, Length 24.90
 Alternative no.: 140670

Pkg. 100



B140671 Bushing
 Replacing: 074330
 ID 27.05, OD 35.07, Length 14.40
 Alternative no.: 140671

Pkg. 100



B140672# Bushing
 Replacing: 046388
 ID 20.05, OD 28.05, Length 29.00
 Alternative no.: 140672

Pkg. 100


B140673# Bushing

Replacing: 046390

 ID 20.05, OD/collar 33.00, OD 28.07,
Length 24.90, Height/collar 3.00

Alternative no.: 140673

Pkg. 100


B140676 Bushing

Replacing: 095654

ID 20.04, OD 24.05, Length 16.00

Alternative no.: 140676

Pkg. 100


B140679 Bushing

Replacing: 048499

ID 20.10, OD 24.02, Length 18.00

Alternative no.: 140679

Pkg. 100


B140680 Bushing

Replacing: 074322, 055330

ID 17.08, OD 21.05, Length 24.00

Alternative no.: 140680

Pkg. 100


B140683 Bushing

Replacing: 075289

ID 25.02, OD 30.04, Length 15.00

Alternative no.: 140683

Pkg. 100


B140684 Bushing

Replacing: 096485

ID 14.04, OD 18.03, Length 15.90

Alternative no.: 140684

Pkg. 100


B140734 Bushing

Replacing: 140734

Servicing: D7G26, TS22E45

ID 7.02, OD 10.00, Length 6.10

Alternative no.: 140734

Pkg. 100


B140735 Bushing

Replacing: 140735

 Servicing: D7G26, ESW20ER123, ESW20ER-
123HE, TS18ER20, TS22E45

ID 20.02, OD 24.03, Length 5.00

Alternative no.: 140735

Pkg. 100


B140959 Bushing

Replacing: 103063

ID 19.00, OD 23.02, Length 25.00

Alternative no.: 140959

Bearings
Needle Bearings

Pkg. 5


140919 Needle Bearing

Replacing: 186448

 Servicing: 626002, D6RA100, D6RA107,
D6RA110, D6RA114, D6RA137, D6RA138, D6RA167,
D6RA168, D6RA181, D6RA187, D6RA188, D6RA67

ID 10.00, OD 14.00, Height 14.00

Closed end.

Pkg. 5


141001 Needle Bearing

 Servicing: 188839, D7G11, D7R1, D7R13,
D7R16, D7R17, D7R18, D7R2, D7R20, D7R25,
D7R3, D7R4, D7R40, D7R45, D7R61, D7R8,
D7RP82

ID 10.00, OD 14.00, Height 12.00

Pkg. 10


141168 Needle Bearing

 Servicing: 626002, D6RA100, D6RA114,
D6RA167, D6RA181, D6RA67, D6RA81, D6RA91

ID 4.00, OD 8.00, Height 7.90

Pkg. 10



141225 Needle Bearing

Servicing: 191335, 458389, D6GS11, D6GS12, D6GS12M, D6GS13, D6GS14, D6GS19, D7GS10, D7GS8, D7GS9, D7RS129, D7RS130, D7RS131

ID 29.50, OD 36.70, Height 13.30

Pkg. 5



142003 Needle Bearing

Servicing: D7ES5, TS10E26

ID 26.10, OD 33.00, Height 13.70

Repair Kits



133078 Stop Collar Kit

Replacing: 594084

Servicing: D6RA10, D6RA11, D6RA12, D6RA13, D6RA132, D6RA133, D6RA141, D6RA15, D6RA16, D6RA161, D6RA162, D6RA163, D6RA168, D6RA17



135635 Repair Kit

Servicing: D6RA10, D6RA12, D6RA8



135636 Repair Kit

Replacing: 594243

Servicing: D6RA100, D6RA101, D6RA104, D6RA105, D6RA107, D6RA110, D6RA115, D6RA132, D6RA16, D6RA162, D6RA163, D6RA168, D6RA18



136227 5★ Repair Kit

Manufacturer: Valeo

Replacing: 182060

Servicing: D10E85, D10E87, D10E88, D10E881, D10E882, D10E89, D10E90, D10E92, D10E921, D10E922, D8E117, D8E121, D8E130, D8E131



231074 Stop Collar Kit

Replacing: 594242

Servicing: 626002, D6RA100, D6RA107, D6RA108, D6RA109, D6RA114, D6RA137, D6RA165, D6RA167, D6RA168, D6RA180, D6RA181, D6RA185



231117 5★ Repair Kit

Manufacturer: Valeo

Replacing: 182050

Servicing: D9R105, D9R1050, D9R106, D9R112, D9R116, D9R118, D9R119, D9R121, D9R122, D9R126, D9R134, D9R135, D9R139, D9R142, D9R144



233616 5★ Repair Kit

Manufacturer: Valeo

Replacing: 594302

Servicing: D13HP601, D13HP607



234021 5★ Repair Kit

Manufacturer: Valeo

Replacing: 594200

Servicing: D13HP605, D13HP607, D13HP608, D13HP609, D13HP613, D13HP701, D13HP702, D13HP703, D13HP704, D13HP705, D13HP709

Sundry Parts

C.E. Covers



137573 Cover

Replacing: 097802

Servicing: D9E100, D9E101, D9E132, D9E136, D9E137, D9E138, D9E200, D9E237, D9E238, D9E276, D9E278, D9E300, D9E36, D9E38, D9E39

OD 41.15, Height 10.20



231195 Cover Kit

Servicing: HQ808670, MG122202, TM000A06101, TM000A18601, TM000A23601, TM000V23601

Pkg. 5


231495 Cover

Servicing: D6RA105, D6RA107, D6RA110, D6RA115, D6RA138, D6RA70, D6RA91, D6RAD183, D6RADP359, D6RAP229, D6RAP404

ID 13.75, OD 14.30, Height 13.95


232848# Cover

Servicing: D11E119, D11E119T, D11E131, D11E155, D11E167T, D11E188, D11E191, D11E192

OD 116.50, Height 5.45

Oil Seals

Pkg. 5


134481 Oil Seal

Servicing: 182178, D9R91

ID 18.30, OD 30.20, Height 6.95

Pkg. 5


139588 Oil Seal

Replacing: 074981

Servicing: D13E110, D13E110TE, D13E117TE, D13E118TE, D13E120TE, D13E123, D13E1231TE, D13E123TE

ID 25.70, OD 37.15, Height 6.80

Pkg. 5


231573 Oil Seal

Servicing: D13HP601, D13HP605, D13HP607, D13HP702, D13HP703, D13HP709

ID 21.60, OD 32.15, Height 6.70


232855 Oil Seal

Servicing: D7ES1, D7ES2, D7ES4

ID 31.85, OD 41.45, Height 5.65

O-rings

Pkg. 10


134488 O-ring

Thickness 2.00

Pkg. 10


134776 O-ring

Servicing: 2541182, A13N183

ID 12.00, Thickness 3.00

Pkg. 10


134931 O-ring

Servicing: D11E120, D11E126, D11E184, D11E191

ID 52.00, Thickness 3.00

Pkg. 5


136431 O-ring

Replacing: 055578

Servicing: D11E120, D11E122, D11E122T, D11E126, D11E131, D11E137, D11E142, D11E154, D11E156, D11E158, D11E159, D11E167T, D11E184

ID 106.00, Thickness 4.50

Pkg. 10


138193 O-ring

Servicing: D9R91

ID 71.00, Thickness 3.00

Pkg. 10


231331 O-ring

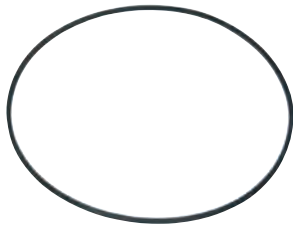
Replacing: 092524

ID 49.20, Thickness 2.75

Pkg. 10


233985 O-ring

Thickness 1.83, Material Nioprene

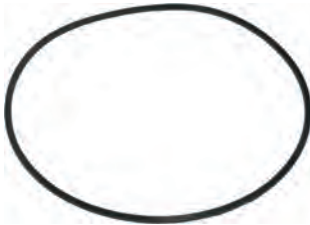


Pkg. 10

331675 O-ring

Servicing: 2543388, 2543398A, 2543597, 2605546, 2606272, 2606272A, 2607765A, 2608901A, 2608901C, TG14C020, TG14C027, TG14C031

ID 133.80, Thickness 2.60



Pkg. 5

334026 O-ring

Servicing: 2543291, 2543469, 2543469A, 2543590, 2543590A, 2606005, 2606005A, TG11C048, TG11C056, TG11C057, TG11C068

ID 122.50, Thickness 3.00

Various

Pkg. 5



131618 Cover

Replacing: 075953
OD 28.35, Height 18.10

Pkg. 5



131810 Cover

Replacing: 096473
OD 32.35, Height 18.90



Pkg. 5

132381 Cover

OD 48.85, Height 10.30

Pkg. 10



133388 Adaptor

Servicing: D9E131, D9E132, D9E43, D9E44, D9E83

Thread size M8

Pkg. 5



134106 Rubber Seal

Servicing: D6RA105, D6RA107, D6RA110, D6RA115, D6RA138, D6RA70, D6RA91, D6RAD183, D6RADP359, D6RAP229, D6RAP404

ID 51.50, OD 61.20, Thickness 5.60, Material Rubber

Pkg. 10



134107 Rubber Seal

Servicing: D6RA105, D6RA107, D6RA110, D6RA115, D6RA138, D6RA70, D6RA91, D6RAD183, D6RADP359, D6RAP229, D6RAP404

OD 25.80, Length 34.00



Pkg. 10

134140 Connection

Servicing: D8E132
Old type.

Pkg. 25



134289 Insulator

Servicing: D6RA105, D6RA107, D6RA110, D6RA115, D6RA138, D6RA70, D6RA91, D6RAD183, D6RADP359, D6RAP229, D6RAP404

ID 10.80, OD 13.80, Length 22.55

Pkg. 10



134756 Gasket

Servicing: D9E140, D9E86
ID/mount. hole 5.00, Length 51.55, Thickness 0.40, Width 41.45

Pkg. 10



134779 Plate

Thickness 1.45, Gasket w/o



Pkg. 5

134790 Stop Collar Kit

Replacing: 097804

Servicing: D10E66, D10E72, D10E74, D10E75, D10E79, D10E81, D10E83, D10E85, D10E87, D10E88, D10E881, D10E882, D10E89, D10E90


135317 Rubber Seal

Servicing: D9E140

Pkg. 10


135879 Grommet

Servicing: D10E85, D10E92, D10E921, D9E100, D9E11, D9E123, D9E138, D9E200, D9E237, D9E276, D9E278, D9E300, D9E36, D9E39, D9E45

Pkg. 10


134791 Stop Collar Kit

Replacing: 073294

Servicing: D10E47, D10E48, D10E54, D10E57, D10E59, D10E63, D10E64, D10E65, D10E68, D10E69, D10E73, D10E76, D10E80, D10E84, D11E163

ID 12.00, OD 17.50, Height 6.10

Pkg. 10


135516 Cover

Servicing: D7R40, D7R48, D7RP204, D8R1, D8R28, D8R49, ESW20E26, ESW20ER121, ESW20ER123, ESW20ER123HE

OD 23.90, Height 15.80

Pkg. 10


135968 Grommet

Servicing: D7RP123, D7RS130, D7RS131, D7RS30, D7RS301, D7RS31, D9R121, D9R122, D9R142, D9R149, D9R73, D9R84, D9R89, D9R90, D9R91

Dim. A 25.40, Dim. B 22.40, Dim. D 8.00

Pkg. 5


134980[#] Rubber Seal

Pkg. 10


135645 Screw

Replacing: 182041

Servicing: 182442, D11E108, D11E118, D11E119, D11E119T, D11E120, D11E122, D11E122T, D11E128, D11E128T, D11E129, D11E129T, D11E130

Thread M10, Total length 16.00, Thread length 11.00

Pkg. 10


136273[#] Gasket

Replacing: 092645

ID 28.00, ID/mount. hole 6.15, OD 54.50, Thickness 1.30

Pkg. 5


135014 Insulator

Servicing: D10E88, D10E881, D10E882, D10E89, D11E163, D11E167T, D11E169, D11E172, D11E173, D11E176, D11E177, D11E187, D11E191

Dim. A 22.55, Dim. B 21.65, Dim. D 12.51

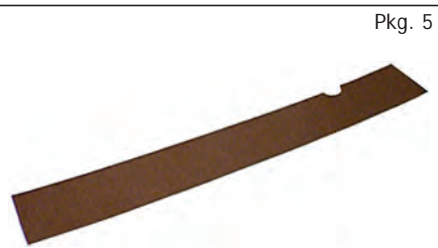

135846 Retaining Ring

Servicing: 188839, 190895, D6G1, D6G32, D6G321, D6G5, D6RA107, D6RA110, D6RA137, D6RA138, D6RA187, D6RA188, D6RA293, D6RA37

Stop collar: HC-CARGO 137742.


136280 Gasket

Length 306.80, Thickness 0.45, Width 57.90



136323 Insulator Pkg. 5



136671 Stop Collar Kit
 Replacing: 059454
 Servicing: D11E122, D11E122T, D11E128, D11E128T, D11E130, D11E138, D11E138T, D11E149, D11E89, D11E89T, D11E89TE, D11E90, D11E90T
 ID 17.00, OD 25.00, Height 8.10



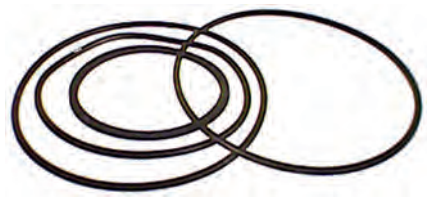
136736 Insulator Pkg. 25
 ID 11.50, OD 16.60, Thickness 1.00



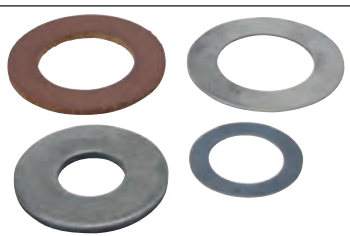
138140# Seal Kit Pkg. 10
 Replacing: 096486, 077526



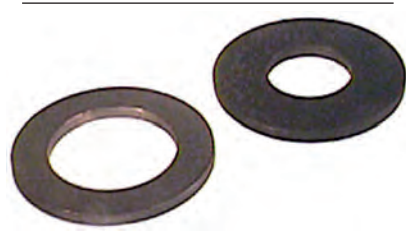
138645 Sealing Kit
 Replacing: 182038
 Servicing: D13E117TE, D13E118TE, D13E119TE, D13E120TE, D13E121TE, D13E122TE, D13E123, D13E1231TE, D13E123TE, D13HP601, D13HP605



138646# Sealing Kit
 Replacing: 072175
 Servicing: D13E101TE, D13E108TE, D13E111, D13E111TE, D13E116, D13E72, D13E73, D13E73TE, D13E74, D13E74TE, D13E78, D13E78TE, D13E79



138647# Washer Kit
 Replacing: 182160
 Servicing: D13E117TE, D13E118TE, D13E119TE, D13E120TE, D13E121TE, D13E122TE, D13E123, D13E1231TE, D13E123TE, D13HP605
 4 mixed plates.



138649 Washer Kit Pkg. 10
 Replacing: 182155
 Servicing: D13E101TE, D13E105, D13E108TE, D13E111, D13E111TE, D13E116, D13E72, D13E73, D13E73TE, D13E74, D13E74TE, D13E78



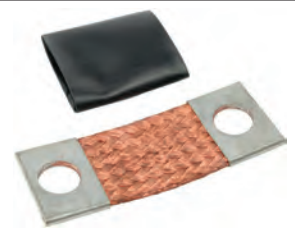
138766# Brake Washer
 ID 12.20, OD 19.00, Thickness 0.80



139174 Brake Washer Pkg. 10
 Manufacturer: Valeo
 Replacing: 182197
 Servicing: D11E126, D11E131, D11E158, D11E167T, D13E100TE, D13E101TE, D13E104TE, D13E105, D13E107TE, D13E108TE, D13E109TE, D13E110
 ID 37.85, OD 54.00, Thickness 4.25



139380 Connection
 Replacing: 079243
 Servicing: D11E131
 Mount. hole 8.00, Mount. hole 2 8.00, Total length 97.45



139535 Connection
 Replacing: 182159
 Servicing: D13E100TE, D13E101TE, D13E104TE, D13E105, D13E107TE, D13E108TE, D13E109TE, D13E110TE, D13E111, D13E117TE, D13E118TE
 Mount. hole 12.60, Mount. hole 2 12.60, Total length 82.20



192405 Socket Screw Pkg. 100
 Replacing: 192405
 Servicing: D6RA105, D6RA110, D6RA115, D6RA138, D6RAD183, D6RADP359, D6RAP229
 Thread M5, Length 45.00, Quality 12.9, DIN norm 912, ISO Norm 4762

Pkg. 10


230565 Stop Collar

Servicing: 105119C, D7E1, D7E15, D7E16, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32, D7E39

ID 11.10, OD 16.00, Height 3.55
 Used w/ retaining ring: HC-CARGO 230566.

Pkg. 5


230566 Retaining Ring

Servicing: 105119C, D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32

Thickness 1.20
 Stop collar: HC-CARGO 230565.

Pkg. 5


230707 Insulator

Servicing: 105119C, D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32


231194 Stop Collar Kit

ID 12.10, OD 17.40, Height 5.00


231697# Fiber Washer

Servicing: D13HP601, D13HP605, D13HP607, D13HP702, D13HP703, D13HP709

ID 35.85, OD 50.30, Thickness 4.70,
 Material Fiber


231717 Stop Collar Kit

Replacing: 059453

Servicing: 182442, D11E120, D11E131, D11E142, D11E143, D11E153, D11E153T, D11E158, D11E159, D11E165, D11E167T, D11E170, D11E180

ID 14.00, OD 20.00, Height 6.10

Pkg. 5


233164 Drain Tube

Servicing: HQ808670, MG122202, MG122433, MP112033, MP112040, MP112042, TM000A18601, TM000A23601, TM000V23601

ID 7.70, OD 11.55, Length 9.90

Pkg. 5


233656 Connector

Servicing: D13HP601, D13HP605, D13HP607

Pkg. 10


233818 Washer

Servicing: 105119C, D7E1, D7E18, D7E38, D7E4, D7E6, D7E7, D7E8, D7ES1, D7ES2, D7ES4, D7ES5, TS10E26

ID 8.20, OD 15.95, Thickness 0.80,
 Material Steel

Pkg. 10


233819 Washer

Servicing: D7E1, D7E16, D7E19, D7E2, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32, D7E40, D7E41, D7E42, D7E47

ID 4.25, OD 13.65, Thickness 1.00,
 Material Steel

Pkg. 10


234888 Gasket

Servicing: 191335, 458389, D6GS11, D6GS12M, D7GS10, D7GS8, D7GS9, D7RS129, D7RS130, D7RS131, D7RS150, D7RS29, D7RS30, D7RS301

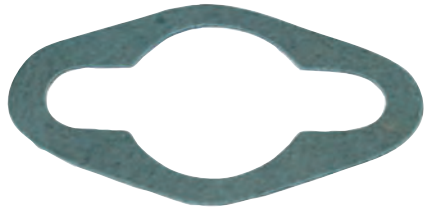
ID 29.80, OD 36.70, Thickness 2.40

Pkg. 10


234987 Washer

Servicing: D6RA105, D6RA107, D6RA110, D6RA115, D6RA138, D6RA70, D6RA91, D6RAD183, D6RADP359, D6RAP229, D6RAP404

ID 6.30, OD 15.50, Thickness 1.00,
 Material Metal



Pkg. 10

235158 Gasket

Servicing: D7ES1, D7ES2, D7ES4, D7ES5, TS10E26
 ID 17.60, Length 40.50, Thickness 0.50, Width 23.50, Material Cardboard

Pkg. 10



236094 Drain Tube

Servicing: M52100, TM000A07901

Pkg. 10



236711 Washer

Servicing: 626002, D6RA105, D6RA114, D6RA115, D6RA137, D6RA138, D6RA187, D6RA188, D6RA293, D6RA37, D6RA42, D6RA43, D6RA431, D6RA57
 ID 6.00, OD 12.00, Thickness 0.30

Pkg. 10



236712 Washer

Servicing: 626002, D6RA114, D6RA137, D6RA138, D6RA187, D6RA188, D6RA22, D6RA293, D6RA42, D6RA43, D6RA431, D6RA52, D6RA571, D6RA59
 ID 6.00, OD 12.00, Thickness 1.00



Pkg. 10

236895 Gasket

Servicing: D7ES5, TS10E26
 ID 25.83, OD 33.13, Thickness 1.88, Material Rubber

Pkg. 10



239398 Drive plug

Replacing: 239398
 Servicing: D7ES5
 ID 11.80, OD 13.45, Height 3.55

Pkg. 10



332877 Bushing

Servicing: TS10E26
 ID 8.07, OD 11.06, Length 9.50

Pkg. 5



334197 Stop Collar

Servicing: D7E18, D7E38, D7E4, D7E8, D7ED28
 ID 11.11, OD 15.45, Height 3.19

Armatures

12 V

NEW PRODUCT
www.hc-cargo.com

333779* Armature

Solenoids

24 V


333532# Solenoid

Manufacturer: Bosch

24 V, B+ M10, Kl. 50 M5, OD 61.50,
 OD/cover 54.00, Total length 119.20,
 Switch dim. 7.80, Height/B+ 30.70,
 No./terminals 4

Solenoid Parts

Moving Contacts

Pkg. 100


B235538 Moving Contact

Length 36.00, Shaft measurement 31.60,
 Thickness 2.00, Width 15.00 mm

Alternative no.: 235538

Drives


134722 Drive

Replacing: ST212-3708600B, CT212-3708600
 ID 16.00, OD 36.10, OD/housing 68.00,
 Total length 107.60, Splines A 4,
 No./teeth 10, Drive type Steel, Rotation CR


134723 Drive

Replacing: CT352D-3708600-3, 3708600-3,
 24.3708600

ID 16.00, OD 36.45, OD/housing 65.50,
 Total length 107.50, Splines A 12,
 No./teeth 10, Rotation CR


330545 Drive

Servicing: 8000129, 96843574

ID 12.01, OD 29.21, OD/housing 45.86,
 Total length 46.88, Splines A 6,
 No./teeth 9, Rotation CR

Planet Gears

Gear Parts

Gear Wheels

Pkg. 100


B134066 Gear Wheel

Alternative no.: 134066

Pkg. 100


B134875 Gear Wheel

Replacing: 5420D

ID 5.20, OD 18.20, Height 12.00,
 No./teeth 12

Alternative no.: 134875


B139572 Gear Wheel

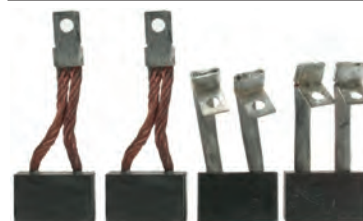
Alternative no.: 139572

Brush Sets


140872 Brush Set

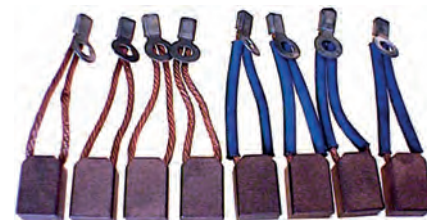
Replacing: 24.3708025

12 V, Length 21.70, Lead length 74.00,
 Height 22.45, Thickness 17.50


140873 Brush Set

Replacing: 20.3709125, 20.3709115,
 20.3708125, 20.3708115

24 V, Length 20.38, Lead length 67.80,
 Lead length 2 42.50, Height 31.90,
 Thickness 11.81


MOSX5-68 Brush Set

Replacing: MOSX5-68

12 V, Length 22.60, Lead length 66.00,
 Height 15.95, Thickness 11.00



141083 Brush Set
 Servicing: Renault, Peugeot, Citroen, Electric power steering
 Length 21.15, Lead length 60.50, Height 12.25, Thickness 6.95

Brushes



610524 Brush
 Servicing: 23300-00QAW, 23300-00QAZ, 23300-BN701, 23300-BN70A, 7711135521, 8200021396, 8200227092, 8200426577, 8200584658
 Length 12.00, Lead length 33.50, Height 11.90, Thickness 4.35



SW126 Brush
 Replacing: 495299
 Length 6.23, Lead length 21.95, Height 10.92, Thickness 6.35

Bushings



141206 Bushing
 Servicing: Siemens
 ID 12.50, OD/collar 18.00, OD 16.00, Length 20.00, Height/collar 2.00



141207 Bushing
 Servicing: Siemens
 ID 19.22, OD 22.53, Length 11.00



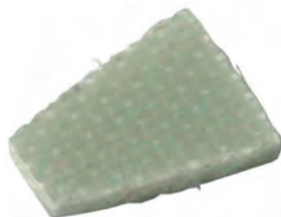
141208 Bushing
 Servicing: Siemens
 ID 14.02, OD 18.04, Length 17.00

Sundry Parts

Various



610203 Spring psx144-145k
 Servicing: 7700113627, 7711134297, 8200143045, D6RA105, D6RA107, D6RA115, D6RA138, D6RA70, D6RAD183, D6RADP359, D6RAP229, D6RAP404



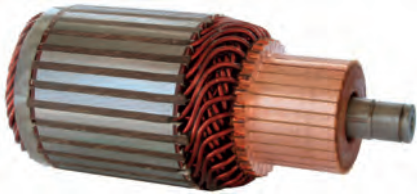
610204 Insulator
 Servicing: 7700113627, 7711134297, 8200143045, D6RA105, D6RA107, D6RA115, D6RA138, D6RA70, D6RAD183, D6RADP359, D6RAP229, D6RAP404



610205 Spring psx146-147k



610210 Cover

Armatures

137091 Armature

Replacing: 2134014178

Servicing: 0136355072, 0136355074, 0136355077, 0136355078, B136364072, B136364076, B136364081

24 V, 1.5 kW, Shaft length 174.50, Core thickness 73.00


137093 Armature

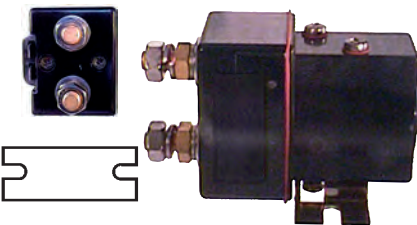
Replacing: 2134014180, 2134014175, 2134014170, 16.360.901

Servicing: 0136355050, 0136355057, 0136355058, 0136355059, 0136355060, 0136355061, 0136355064, 0136355067, 0136355068, 0136355070

24 V, 1.5 kW, Shaft length 205.00, Core thickness 73.00

Solenoids

12 V

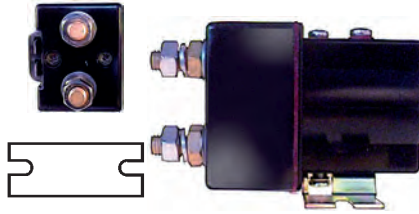

138684# Solenoid

Replacing: SW80-751PE, 3212

12 V, 100 Amp, B+ M8, Total length 94.00, Height/B+ 19.00, Coil bolt M8, Coil bolt 2 19.80, No./terminals 4

Silver contact. Universal.

24 V


138685 Solenoid

 24 V, 100 Amp, B+ M8, Total length 93.80, Height/B+ 20.25, Coil bolt M8, Coil bolt 2 20.10, No./terminals 4
Silver contact.

235817 Solenoid

 24 V, 120 Amp, OD 92.00, Total length 134.00, No./terminals 4
Universal.
Brush Gear Parts

Pkg. 4


132711 Brush Spring

Length 27.25

Pkg. 4


132712 Brush Spring

 Length 34.00, Height 18.00, Width 6.10 mm
12/24 V. 3 kW.

Brush Sets

140408 Brush Set

 12/24 V, Length 26.05, Lead length 37.50, Height 12.78, Thickness 8.92
2 kW.

140410 Brush Set

 12/24 V, Length 27.96, Lead length 47.50, Height 19.86, Thickness 8.90
3 kW.

140918 Brush Set

Replacing: 2137014038, 16.770.295

Servicing: 0136352005, 0136355049, 0136355050, 0136355057, 0136355058, 0136355059, 0136355060, 0136355061, 0136355064, 0136355065

 24 V, Length 25.50, Lead length 32.00, Height 25.85, Thickness 8.90
1.5/2.5 kW.

141068 Brush Set

24 V, Length 21.55, Lead length 36.00, Height 21.92, Thickness 5.95



141193 Brush Set

24 V, Length 26.50, Lead length 55.00,
Height 19.80, Thickness 9.95

Bushings

Pkg. 10

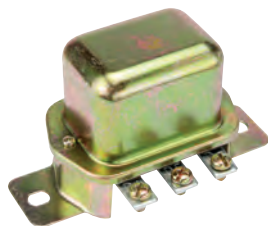


141064 Bushing

ID 14.13, OD 18.05, Length 13.39

Regulators

14 V



233625 Regulator
 14 V, Dist./mount. holes 97.75,
 Regulator type Mechanical,
 Terminal type D-DF-D+

Brush Sets



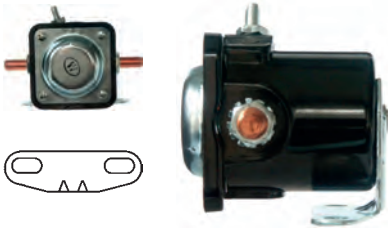
130988 Brush Set
 14 V, Length 25.00, Lead length 41.35,
 Height 14.00, Thickness 8.00



141266 Brush Set
 12 V, Length 26.00, Lead length 38.00,
 Height 13.50, Thickness 5.50

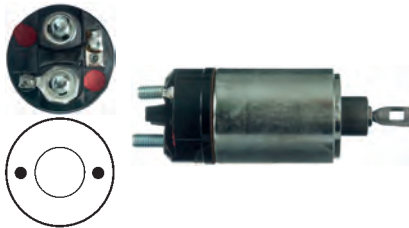
Solenoids

6 V



130503 Solenoid

6 V, 130 Amp, B+ M8, Kl. 50 M5, OD 43.00, Total length 63.35, Height/B+ 19.00, Width/kl. 50 11.95, Coil bolt M8, Coil bolt 2 19.00, No./terminals 3
Ground (bottom). Flat bearing bracket.



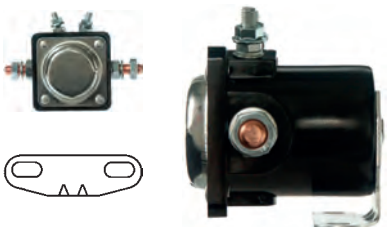
135871 Solenoid

Replacing: 0331302513, 0331302013, 0331302005, 0331302004, 0331302001, 0-23500-0454

Servicing: 0001207001, 0001207003, 0001207005, 0001207009, 0001207014, 0001207015, 0001207016, 0001207017, 0001207018, 0001207019

6 V, B+ M8, Kl. 50 6.30, OD 50.20, OD/cover 49.75, Total length 145.55, Height/B+ 16.80, Width/kl. 50 12.20, Coil bolt M8, Coil bolt 2 13.00, No./terminals 3
Cap: HC-CARGO 131335.

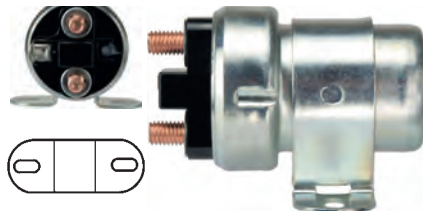
12 V



130493 Solenoid

Replacing: SW03, D9AZ11450A, D2DZ11450A, C7AF11450A, BD7T11450T, BD-7T11450A, B6AZ11450A, 3225629, 2098360, SAS-4211Y, 15-407, F903

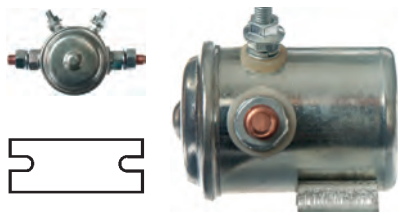
12 V, Intermittent load 150 Amp., B+ 5/16" UNF, Kl. 15a M5, Kl. 50 10-32 UNF, OD 42.30, Total length 62.30, Height/B+ 15.00, Width/kl. 15a 12.75, Width/kl. 50 10.50, Coil bolt 5/16" UNF, Coil bolt 2 15.00, No./terminals 4



131080 Solenoid

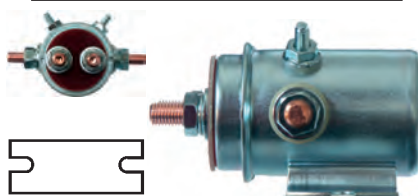
Replacing: 19024764

12 V, 50 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 39.70, Total length 86.40, Height/B+ 12.25, Width/kl. 50 9.55, Coil bolt M8, Coil bolt 2 12.25, Seconds 5, No./terminals 3



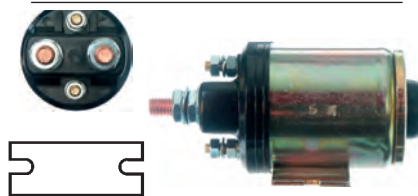
132939 Solenoid

12 V, 80 Amp, Intermittent load 150 Amp., B+ M8, Kl. 50 M5, OD 41.85, Total length 64.50, Height/B+ 20.65, Width/kl. 50 11.35, Coil bolt M8, Coil bolt 2 20.65, Seconds 5, No./terminals 4
Insulated.



133616 Solenoid

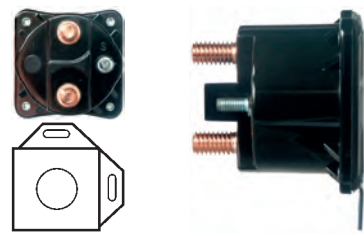
12 V, 80 Amp, Intermittent load 150 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 41.85, Total length 89.65, Height/B+ 18.00, Width/kl. 15a 11.45, Width/kl. 50 11.45, Coil bolt M8, Coil bolt 2 10.00, Seconds 5, No./terminals 6
Insulated return. Silver contact.



133695 Solenoid

Replacing: CEY113, 099845

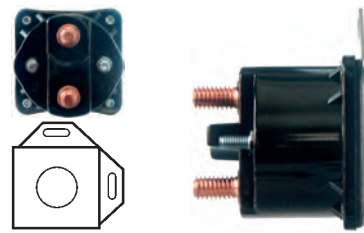
12 V, 100 Amp, Intermittent load 500 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 47.70, OD/cover 52.35, Total length 105.55, Height/B+ 18.85, Width/kl. 15a 13.90, Width/kl. 50 14.00, Coil bolt M8, Coil bolt 2 19.35, Seconds 5, No./terminals 4
Universal.



133855 Solenoid

Replacing: SAZ-4201X, SAZ-4201R, SAZ-4201ENY, SAZ-4201ELY, SAZ-4201E, SAZ-4201CA, SAZ-4201BH, SAZ-4201BA

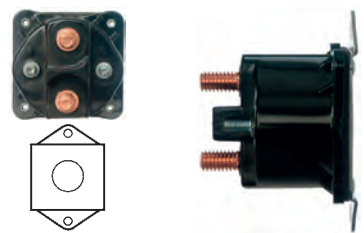
12 V, 100 Amp, Intermittent load 800 Amp., B+ M8, Kl. 50 M5, OD/cover 48.95, Total length 54.30, Height/B+ 14.25, Width/kl. 50 9.70, Coil bolt M8, Coil bolt 2 14.10, No./terminals 3
3.95-4.15 coil resistance.



133856 Solenoid

Replacing: SAZ-4201N, SAZ-4201EW, SAZ-4201DDY, SAZ-4201CPY, SAZ-4201CJ, SAZ-4201BW, SAZ-4201BU, SAZ-4201BR, SW1162

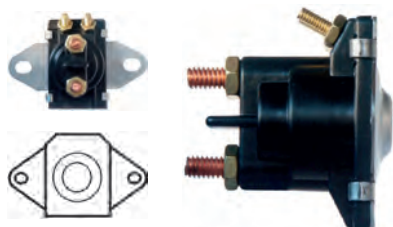
12 V, 100 Amp, Intermittent load 800 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD/cover 49.25, Total length 54.75, Height/B+ 14.20, Width/kl. 15a 9.85, Width/kl. 50 9.95, Coil bolt M8, Coil bolt 2 14.20, No./terminals 4
3.95-4.15 coil resistance.



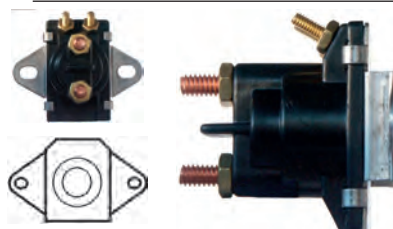
133857 Solenoid

Replacing: SAZ-4201U, SAZ-4201EY, SAZ-4201BC, SAZ-4201AP, SAZ-4201AHY, 15-487, 15-400, 15-368, 15-351, 15-275

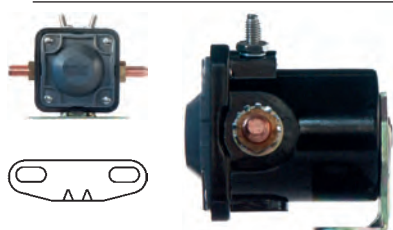
12 V, 100 Amp, Intermittent load 800 Amp., B+ M8, Kl. 50 M5, OD/cover 54.75, Total length 55.50, Height/B+ 14.45, Width/kl. 50 9.80, Coil bolt M8, Coil bolt 2 14.30, No./terminals 4
3.95-4.15 coil resistance.



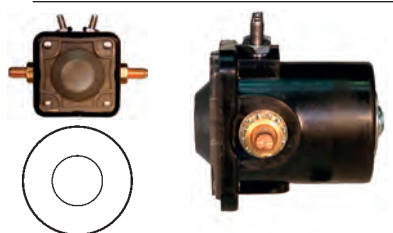
139856 Solenoid
 12 V, B+ M8, Kl. 15a M4, Kl. 50 M4, OD 56.00, Total length 55.80, Height/B+ 10.55, Width/Kl. 15a 9.20, Width/kl. 50 9.75, Coil bolt M8, Coil bolt 2 10.40, No./terminals 4



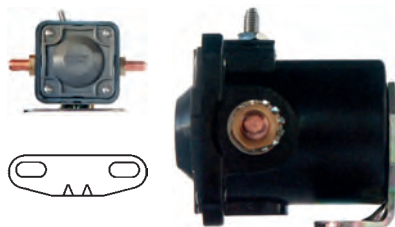
139857 Solenoid
 12 V, B+ M8, Kl. 15a M4, Kl. 50 M4, OD 55.90, Total length 55.45, Height/B+ 10.70, Width/Kl. 15a 9.65, Width/kl. 50 9.30, Coil bolt M8, Coil bolt 2 10.65, No./terminals 4



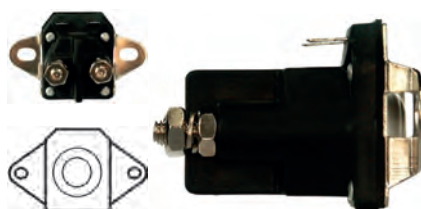
139858 Solenoid
 Replacing: 2095606, 1658883, SAZ4201J, 15-66, 15-5C, 15-288, 1114537, 1114206
 12 V, 100 Amp, Intermittent load 600 Amp., B+ M8, Kl. 50 M5, OD 41.90, Total length 63.45, Height/B+ 18.75, Width/kl. 50 12.75, Coil bolt M8, Coil bolt 2 18.55, No./terminals 4
Insulated return.



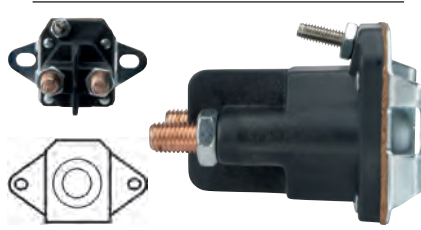
139859 Solenoid
 12 V, B+ M8, Kl. 15a M5, Kl. 50 M5, OD 53.85, Total length 64.00, Height/B+ 12.30, Width/Kl. 15a 8.25, Width/kl. 50 8.50, Coil bolt M8, Coil bolt 2 12.15, No./terminals 4



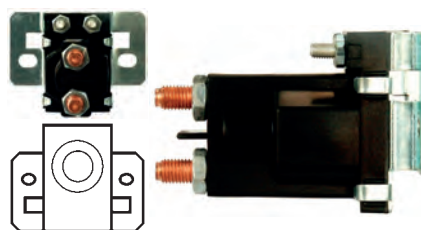
139860 Solenoid
 12 V, Kl. 50 M5, OD 54.00, Total length 64.20, Height/B+ 13.25, Width/kl. 50 8.55, Coil bolt 2 13.55, No./terminals 3



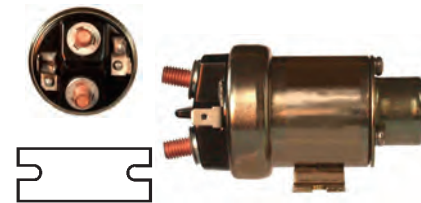
231525 Solenoid
 12 V, 80 Amp, B+ 1/4"-20, Kl. 15a 10-24 UNC, Kl. 50 10-24 UNC, Total length 66.45, Height/B+ 18.00, Coil bolt 1/4"-20, Coil bolt 2 18.00, No./terminals 4
Insulated return.



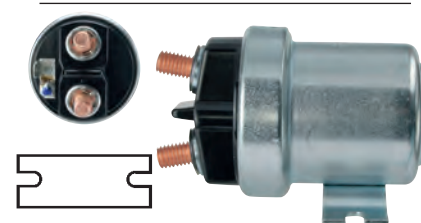
231526 Solenoid
 12 V, 80 Amp, B+ 5/16"-24, Kl. 50 M4, OD 55.85, Total length 55.15, Height/B+ 9.50, Width/kl. 50 10.20, Coil bolt 5/16"-24, Coil bolt 2 9.50, No./terminals 3
Relay w/ 1/4" B+: HC-CARGO 234070.



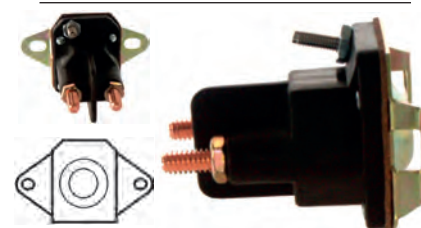
231527 Solenoid
 12 V, 80 Amp, B+ 5/16"-24, Kl. 15a M5, Kl. 50 M5, OD 54.20, Total length 77.65, Height/B+ 11.55, Width/kl. 15a 7.00, Width/kl. 50 6.90, Coil bolt 5/16"-24, Coil bolt 2 11.45, No./terminals 4



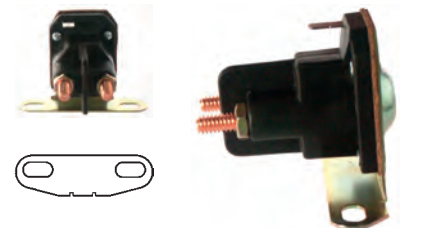
231807 Solenoid
 12 V, 200 Amp, Intermittent load 800 Amp., B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 45.00, OD/cover 47.55, Total length 105.00, Height/B+ 11.85, Width/kl. 15a 11.30, Width/kl. 50 11.75, Coil bolt M8, Coil bolt 2 11.90, Seconds 5, No./terminals 4



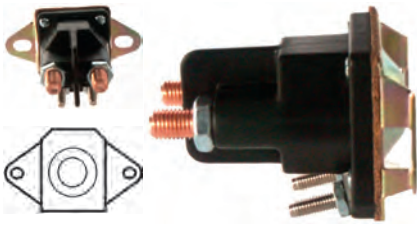
231809 Solenoid
 12 V, 200 Amp, Intermittent load 800 Amp., B+ M8, Kl. 50 6.30, OD 45.00, OD/cover 47.30, Total length 104.65, Height/B+ 11.20, Width/kl. 50 11.60, Coil bolt M8, Coil bolt 2 11.50, Seconds 5, No./terminals 3



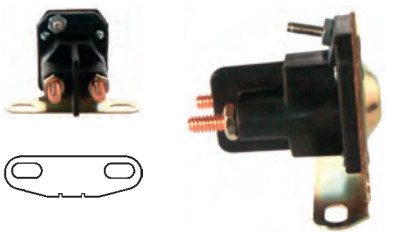
234070 Solenoid
 12 V, 80 Amp, B+ 1/4"-20, Kl. 50 M5, Total length 66.40, Height/B+ 17.00, Width/kl. 50 15.95, Coil bolt 1/4"-20, Coil bolt 2 17.00, No./terminals 3
Relay w/ 5/16" B+: HC-CARGO 231526.



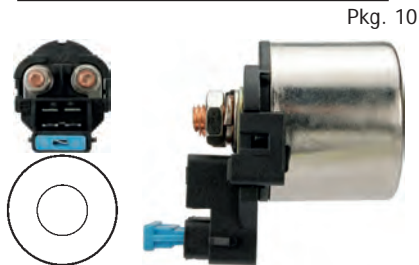
234071 Solenoid
 12 V, 80 Amp, B+ 5/16"-24, Kl. 50 6.30, Total length 64.25, Height/B+ 16.70, Width/kl. 50 11.15, Coil bolt 5/16"-24, Coil bolt 2 16.70, No./terminals 3



234072 Solenoid
 Replacing: ZM-102, 235593
 12 V, 80 Amp, B+ 5/16"-24, Kl. 15a M5, Kl. 50 M5, Total length 66.50, Height/B+ 16.90, Width/kl. 15a 15.30, Width/kl. 50 15.30, Coil bolt 5/16"-24, Coil bolt 2 16.90, No./terminals 4
Insulated return.



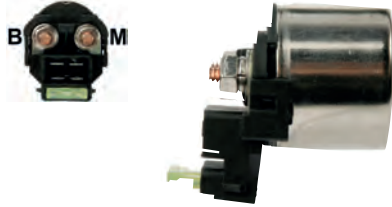
234073 Solenoid
 12 V, 80 Amp, B+ 1/4"-20, Kl. 15a 10-24 UNC, Kl. 50 M5, Total length 64.15, Height/B+ 16.85, Width/kl. 50 16.25, Coil bolt 1/4"-20, Coil bolt 2 16.85, No./terminals 3



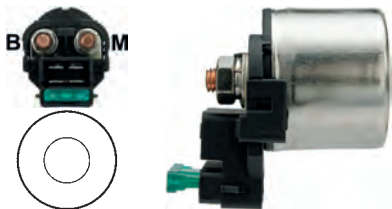
234860 Solenoid
 Replacing: ZM-101
 Servicing: HONDA MC
 12 V, OD 34.00, Total length 43.00, No./terminals 6
 15 A fuse.



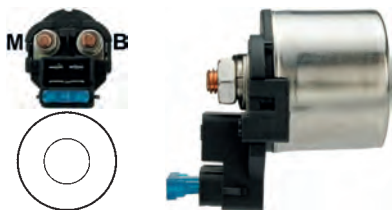
235442 Solenoid
 Replacing: 1114218, 1114208
 12 V, 150 Amp, Intermittent load 300 Amp., B+ M8, OD 41.04, Total length 65.86, Height/B+ 14.45, Seconds 5, No./terminals 4
Silver contact. Insulated return.



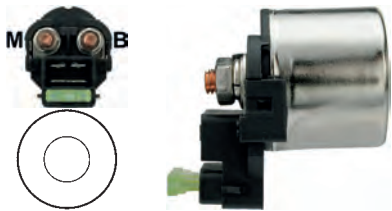
235593 Solenoid
 Replacing: ZM-102, 235593
 12 V, B+ M6, Kl. 15a M6, Kl. 50 Plug, OD 46.82, OD/cover 46.82, Total length 51.20, Height/B+ 45.00, Width/kl. 15a 15.00, Width/kl. 50 30.00
 20 A fuses.



235594 Solenoid
 12 V, B+ M6, OD 34.00, Total length 43.00, Coil bolt M6
 30 A fuses.



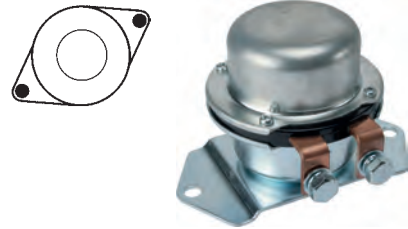
235595 Solenoid
 12 V, OD 34.00, Total length 43.00
 15 A fuse.



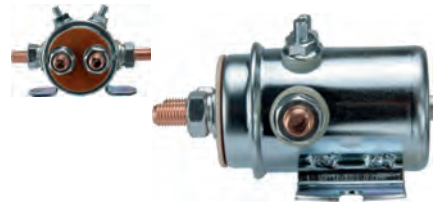
235596 Solenoid
 12 V, B+ M6, OD 34.00, Total length 43.00, Coil bolt M6
 20 A fuses.



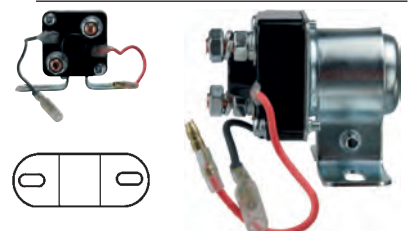
333001 Solenoid
 12 V, B+ Bolt, Kl. 50 M4, OD 52.20, Total length 113.30, Height/B+ M8x1.25, Coil bolt 22.60, Coil bolt 2 16.60, No./terminals 3



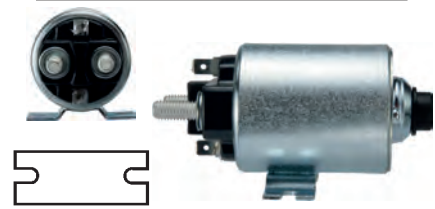
333003 Solenoid
 Replacing: 153400-4401
 Servicing: 228000-6450
 12 V, B+ M8, OD 132.00, Total length 86.00, No./terminals 3



333004 Solenoid
 12 V, 150 Amp, Intermittent load 300 Amp., Total length 79.60, No./terminals 6
 Coil resistance 8.5 Ohms. N.C. contact: 60/60 A.



333006 Solenoid
 12 V, Intermittent load 120 Amp., OD 80.00, Total length 65.00, No./terminals 4



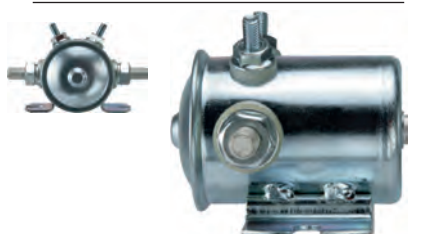
333009 Solenoid
 12 V, 150 Amp, B+ M8, OD 52.20, Total length 109.40, Height/B+ 11.90, Coil bolt M8, Coil bolt 2 11.90, No./terminals 4


333010 Solenoid

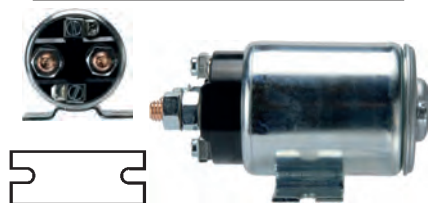
12 V, OD 67.40, Total length 51.10, No./terminals 3


333012 Solenoid

12 V, 150 Amp, Intermittent load 300 Amp., Total length 88.20, No./terminals 5
Coil resistance 8.5 Ohms. N.C. contact: 60/60 A.


333020 Solenoid

12 V, Total length 65.80, No./terminals 4

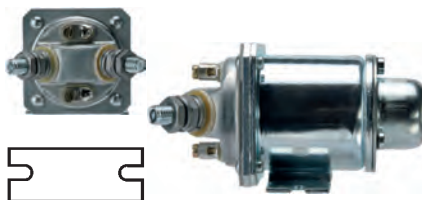

333153 Solenoid

Manufacturer: Bosch

Replacing: 0333009004, 19024761

12 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.75, OD/cover 44.00, Total length 100.15, Height/B+ 17.75, Coil bolt M8, Coil bolt 2 17.75, Seconds 5, No./terminals 4
Silver contact. Insulated return.

Alternative no.: 131373, 131373Z

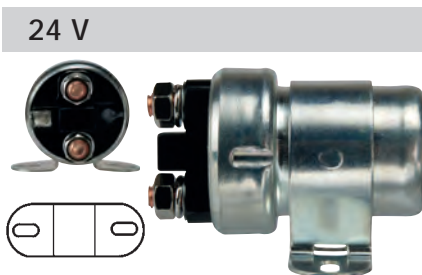

333160 Solenoid

Manufacturer: Bosch

Replacing: 0333006005, 0333006004, ARD1133, 11.250.142, 11.250.121

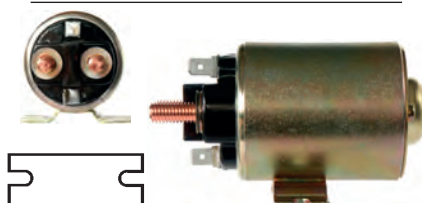
12 V, 80 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 52.10, OD/cover 45.20, Total length 101.75, Height/B+ 17.50, Width/kl. 50 10.65, Coil bolt M8, Coil bolt 2 17.50, Seconds 5, No./terminals 4
Water proof. Silver contact. Insulated return.

Alternative no.: 131370


130492 Solenoid

Replacing: 19024765

24 V, 50 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 40.00, Total length 85.00, Height/B+ 11.30, Width/kl. 50 10.50, Coil bolt M8, Coil bolt 2 11.30, Seconds 5, No./terminals 3

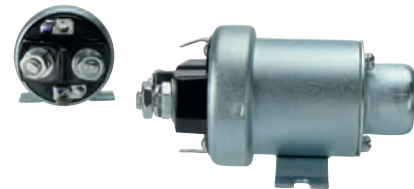

131371 Solenoid

Replacing: 0333006006, 0333006002, 19024759

Servicing: 0333006006

24 V, 80 Amp, Intermittent load 500 Amp., B+ M8, OD 51.70, OD/cover 43.45, Total length 99.60, Height/B+ 17.35, Coil bolt M8, Coil bolt 2 17.35, Seconds 5, No./terminals 4
Silver contact. Insulated return.

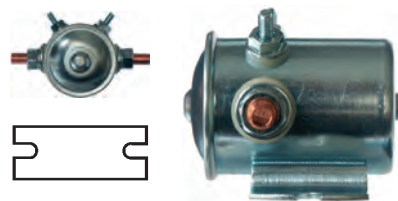
Alternative no.: 333156


131372Z Solenoid

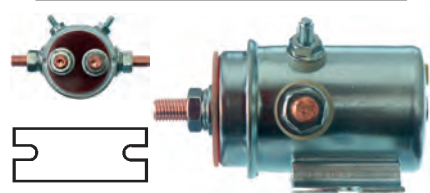
Replacing: 0333009013, 0333009002, 19024760

24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 52.01, OD/cover 50.22, Total length 102.48, Height/B+ 17.91, Coil bolt 4.00, Seconds 5, No./terminals 4
Silver contact.

Alternative no.: 333152


132940 Solenoid

24 V, 60 Amp, Intermittent load 100 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 42.00, Total length 66.35, Height/B+ 20.40, Width/kl. 15a 12.50, Width/kl. 50 12.50, Coil bolt M8, Coil bolt 2 20.40, Seconds 5, No./terminals 4
Insulated.

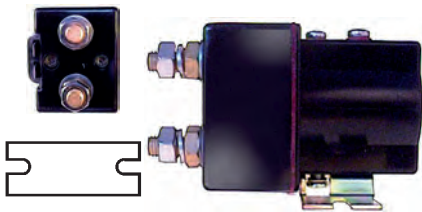

133617 Solenoid

24 V, 50 Amp, Intermittent load 50 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 41.70, Total length 88.85, Height/B+ 17.30, Width/kl. 15a 10.75, Width/kl. 50 10.75, Coil bolt M8, Coil bolt 2 17.30, Seconds 5, No./terminals 6
Insulated return.

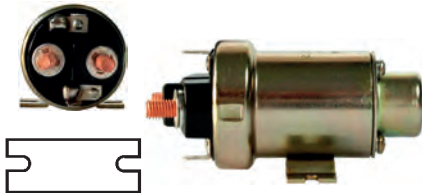

133697 Solenoid

Replacing: CEZ113, 098932

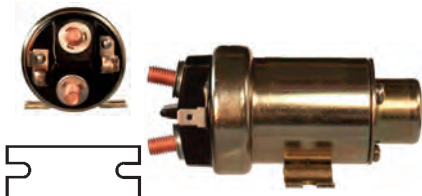
24 V, 100 Amp, Intermittent load 500 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 47.65, OD/cover 52.35, Total length 106.25, Height/B+ 19.00, Width/kl. 15a 13.85, Width/kl. 50 14.30, Coil bolt M8, Coil bolt 2 19.00, Seconds 5, No./terminals 4
Universal.



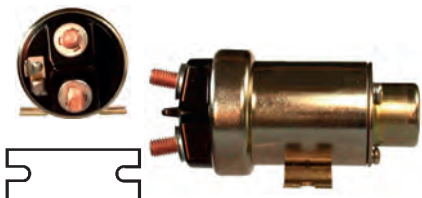
138685 Solenoid
 24 V, 100 Amp, B+ M8,
 Total length 93.80, Height/B+ 20.25,
 Coil bolt M8, Coil bolt 2 20.10,
 No./terminals 4
 Silver contact.



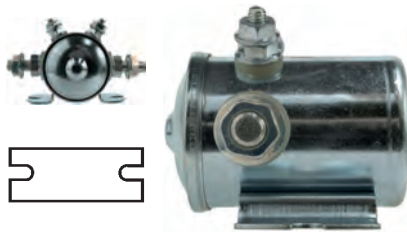
230964 Solenoid
 24 V, 200 Amp, Intermittent load 800 Amp.,
 B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 44.90,
 OD/cover 47.45, Total length 115.50,
 Height/B+ 12.25, Width/kl. 15a 12.65,
 Width/kl. 50 11.70, Coil bolt M8,
 Coil bolt 2 12.00, Seconds 5, No./terminals 4



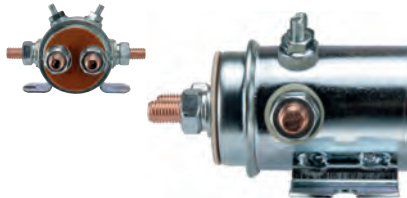
231808 Solenoid
 24 V, 200 Amp, Intermittent load 800 Amp.,
 B+ M8, Kl. 50 6.30, OD 45.15,
 Total length 114.90, Height/B+ 11.20,
 Width/kl. 50 11.75, Coil bolt M8,
 Coil bolt 2 11.20, Seconds 5,
 No./terminals 4



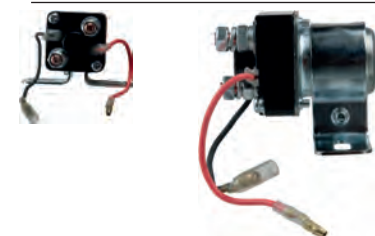
231810 Solenoid
 24 V, 200 Amp, Intermittent load 800 Amp.,
 B+ M8, Kl. 50 6.30, OD 44.90,
 OD/cover 47.45, Total length 114.55,
 Height/B+ 11.10, Width/kl. 50 11.55,
 Coil bolt M8, Coil bolt 2 11.40,
 Seconds 5, No./terminals 3



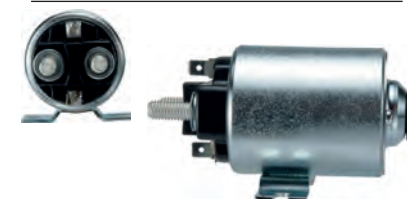
235443 Solenoid
 24 V, 100 Amp, Intermittent load 200 Amp.,
 Seconds 5, No./terminals 4
 Silver contact. Insulated return.



333005 Solenoid
 24 V, 75 Amp, Intermittent load 150 Amp.,
 Total length 79.60, No./terminals 6
 Coil resistance 16 Ohms. N.C. contact: 60/60 A.



333007 Solenoid
 24 V, OD 67.60, Total length 65.00,
 No./terminals 4



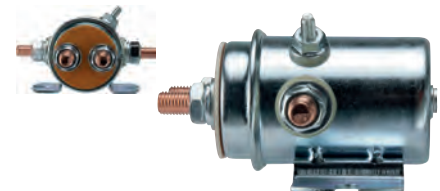
333008 Solenoid
 24 V, 150 Amp, B+ M8, Kl. 50 6.30,
 OD 54.00, Total length 109.40,
 Height/B+ 15.00, Width/kl. 50 60.00,
 No./terminals 4



333011 Solenoid
 24 V, OD 67.40, Total length 51.10,
 No./terminals 3



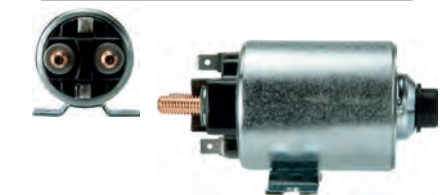
333013 Solenoid
 24 V, Intermittent load 1000 Amp.,
 B+ M8, OD 90.00, Total length 133.00,
 No./terminals 4



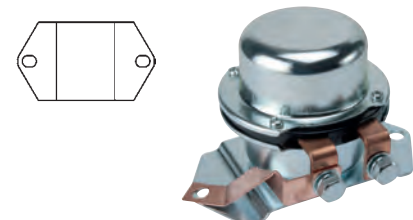
333015 Solenoid
 24 V, 50 Amp, Intermittent load 50 Amp.,
 Total length 86.70, No./terminals 5
 Coil resistance 60 Ohms. N.C. contact: 30/30 A.



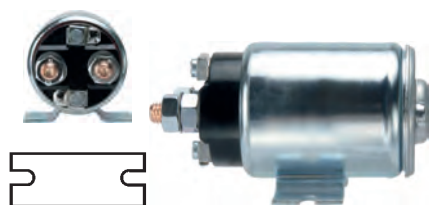
333016 Solenoid
 24 V, 35 Amp, Intermittent load 1 Amp.,
 Total length 94.00, Seconds 0.1,
 No./terminals 4



333017 Solenoid
 24 V, 100 Amp, B+ M8, Kl. 15a 6.30,
 Kl. 50 6.30, OD 52.07,
 Total length 109.40, Height/B+ 15.00,
 Width/kl. 15a 30.00, No./terminals 4



333018 Solenoid
 24 V, 100 Amp, Kl. 50 M4,
 Total length 87.00, Height/B+ M8x1.25,
 Coil bolt M8x1.25, No./terminals 3

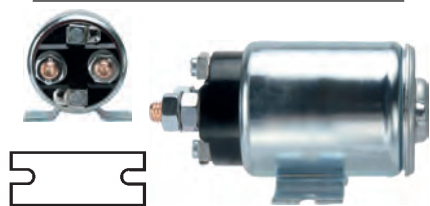

333152 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333009013, 0333009002, 0333006012

24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.50, OD/cover 43.55, Total length 100.55, Height/B+ 17.85, Coil bolt M8, Coil bolt 2 17.85, Seconds 5, No./terminals 4 Silver contact. Insulated return.

Alternative no.: 131372

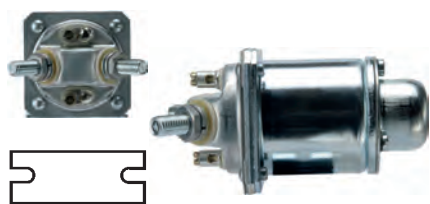

333152 5★ Solenoid

Manufacturer: Bosch

Replacing: 19024760

24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.50, OD/cover 43.55, Total length 100.55, Height/B+ 17.85, Coil bolt M8, Coil bolt 2 17.85, Seconds 5, No./terminals 4 Silver contact. Insulated return.

Alternative no.: 131372


333156 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333006006, 0333006002, 19024759

24 V, 80 Amp, Intermittent load 500 Amp., B+ M8, OD 51.70, OD/cover 43.45, Total length 99.60, Height/B+ 17.35, Coil bolt M8, Coil bolt 2 17.35, Seconds 5, No./terminals 4 Silver contact. Insulated return.

Alternative no.: 131371

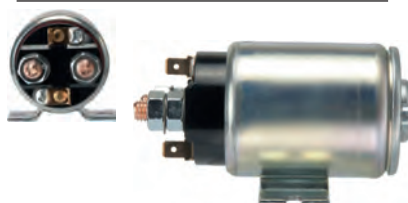

333484 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333009005

24 V, 150 Amp, B+ M8, OD 49.50, OD/cover 42.20, Total length 101.30, Coil bolt M8, No./terminals 4

Alternative no.: 333623

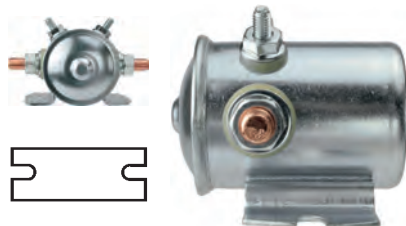

333531 5★ Solenoid

Manufacturer: Bosch

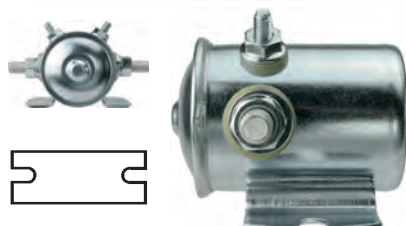
Replacing: 0333009011

24 V, 150 Amp, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 50.00, Total length 100.00, Height/B+ 15.00, Width/kl. 15a 60.00, Width/kl. 50 30.00, No./terminals 4

Alternative no.: 333622

36 V

235646 Solenoid

36 V, 50 Amp, Intermittent load 100 Amp., B+ M8, OD 41.80, Total length 66.80, Seconds 5, No./terminals 4 Insulated return.


235647 Solenoid

36 V, 60 Amp, Intermittent load 150 Amp., Seconds 5, No./terminals 4 Insulated return.

Brush Sets

Pkg. 10


140164 Brush

Servicing: Bosch, Webasto

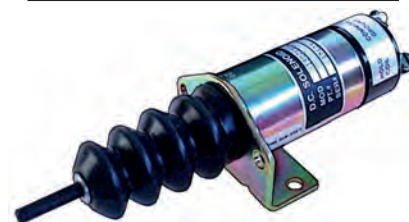
10-100 V, Length 19.50, Lead length 35.50, Height 9.93, Thickness 7.94

Solenoid Shutdown
Externally Switched

090109 Shutdown Solenoid

Replacing: 1502ES12C3U1B2S1

12 V, 0.70 Amp/hold, 30 Amp/pull, Thread size 6.00, Hold rating 89N, Pull rating 40N at 25.4 mm, Return spring 9N, Mount. type Flange/bracket, Thread type mm, Elect. connection Plug, Function Pull, Switch External, Plunger External

This solenoid can't switch off by itself, it will have to be controlled externally.

090110 Shutdown Solenoid

Replacing: 1502ES24C3U1B2S2

24 V, 0.25 Amp/hold, 17 Amp/pull, Thread size 6.00, Hold rating 89N, Pull rating 40N at 25.4 mm, Return spring 9N, Mount. type Flange/bracket, Thread type mm, Elect. connection Plug, Function Pull, Switch External, Plunger External

Denne stopspole kan ikke selv afbryde og skal derfor styres af en ekstern timer. Supplied with 2 plungers ¼" and M6 thread Thread: ¼" and M6



090111 Shutdown Solenoid
 Replacing: SA-5174-12, 2001ES12E3U1B2S2
 12 V, 0.60 Amp/hold, 44 Amp/pull,
 Thread size 1/4", Hold rating 178N,
 Pull rating 75N at 25.4 mm, Return spring 35N,
 Mount. type Flange/bracket,
 Thread type Inches, Elect. connection Plug,
 Function Pull, Switch External,
 Plunger External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090113 Shutdown Solenoid
 Replacing: SA-5174-24, 2001ES24E3U1B2S2
 24 V, 0.30 Amp/hold, 23 Amp/pull,
 Thread size 6.00, Hold rating 178N,
 Pull rating 75N at 25.4 mm, Return spring 35N,
 Mount. type Flange/bracket,
 Thread type mm, Elect. connection Plug,
 Function Pull, Switch External,
 Plunger External, Aux terminal Yes
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090199 Shutdown Solenoid
 Replacing: SA-4180-12
 12 V, 1.10 Amp/hold, 46 Amp/pull,
 Thread size 6.00, Hold rating 178N,
 Pull rating 89N at 25.4 mm, Return spring 17N,
 Mount. type Flat w/ 2 fixing holes,
 Thread type mm, Elect. connection Cable,
 Function Pull/Push, Switch External,
 Plunger External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090200 Shutdown Solenoid
 Replacing: SA-4182-24
 24 V, 4 Amp/hold, 18 Amp/pull,
 Thread size 6.00, Hold rating 178N,
 Pull rating 67N at 25.4 mm, Return spring 17N,
 Thread type mm, Elect. connection Cable,
 Function Pull/Push, Switch External,
 Plunger External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090206 Shutdown Solenoid
 Replacing: SA-4920-12, SA-4817-12, SA-4564-12
 Servicing: Yanmar Diesel
 12 V, 0.49 Amp/hold, 36.5 Amp/pull,
 Thread size 0.158, Thread type Inches,
 Switch External, Plunger Internal
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090216 Shutdown Solenoid
 Replacing: SA-4569-T, SA-3776T,
 1503ES12A5UC5S
 Servicing: Kubota
 12 V, 0.70 Amp/hold, 30 Amp/pull,
 Hold rating 85N, Pull rating 44N at 25.4mm,
 Return spring 17N, Mount. type Flange,
 Elect. connection Multiplug,
 Switch External, Plunger External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090225 Shutdown Solenoid
 Replacing: SA-4934-12
 Servicing: Perkins
 12 V, 0.49 Amp/hold, 36.5 Amp/pull,
 Thread size 0.25, Thread type Inches,
 Switch External, Plunger Internal
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090226 Shutdown Solenoid
 Replacing: SA-4228
 24 V, 24 V 2, 0.50 Amp/hold, 25 Amp/pull,
 Thread size 6.00, Hold rating 182N,
 Pull rating 111N at 25.4 mm,
 Return spring 7N, Thread type mm,
 Elect. connection Multiplug,
 Function Pull, Switch External,
 Plunger External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090228 Shutdown Solenoid
 Replacing: SA-4921, SA-4850, SA-4562T,
 1503ES12S5UC5S, 1503ES12S5SUC5S
 Servicing: Yanmar Motors
 12 V, 0.49 Amp/hold, 36.5 Amp/pull,
 Thread size 0.158, Thread type Inches,
 Switch External, Plunger Internal
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090281 Shutdown Solenoid
 Replacing: SA-4527
 Servicing: Volvo
 24 V, 0.50 Amp/hold, 25 Amp/pull,
 Thread size 6.00, Hold rating 236N,
 Pull rating 89N at 25.4 mm,
 Mount. type Bracket, Thread type mm,
 Elect. connection Multiplug,
 Function Pull/Push, Switch External,
 Plunger External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090348 Shutdown Solenoid
 12 V, 1.10 Amp/hold, 46 Amp/pull,
 Thread size 6.00, Hold rating 182N,
 Pull rating 111N at 25.4 mm,
 Return spring 4-8N,
 Mount. type Flat w/ 2 fixing holes,
 Thread type mm, Elect. connection Cable,
 Function Pull, Switch External,
 Plunger External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090370 Shutdown Solenoid
 Replacing: SA-4899-12
 Servicing: Kubota D722, Z482
 12 V, 1.10 Amp/hold, 46 Amp/pull,
 Thread size 1/4 - 28 UNF-2A,
 Hold rating 182N, Pull rating 111N,
 Mount. type Flat w/ 2 fixing holes,
 Elect. connection Cable, Switch External,
 Plunger External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090371 Shutdown Solenoid
 Replacing: SA-4899-24
 Servicing: Kubota D722, Z482
 24 V, 0.50 Amp/hold, 25 Amp/pull,
 Thread size 1/4 - 28 UNF-2A,
 Hold rating 182N, Pull rating 111N,
 Elect. connection Cable, Switch External,
 Plunger External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090373 Shutdown Solenoid
 Replacing: SA-4561T, 1503ES12A5UC9S
 12 V, 0.972 Amp/hold, 36.5 Amp/pull,
 Thread size 0.154, Thread type Inches,
 Switch External, Plunger External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090431 Shutdown Solenoid
 Replacing: 2300-1505
 24 V, 24 V 2, 0.57 Amp/hold,
 30 Amp/pull, Thread size 5/16",
 Hold rating 391N, Pull rating 165N,
 Return spring 80-115N,
 Mount. type Flange/bracket,
 Thread type Inches, Function Pull,
 Switch External, Plunger External,
 Insulated return
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*

Internally Switched



090160 Shutdown Solenoid
 Replacing: SA-5171, 150212C3U1B1S1A
 12 V, 0.70 Amp/hold, 30 Amp/pull,
 Thread size 6.00, Hold rating 89N,
 Pull rating 40N at 25.4 mm, Return spring 17N,
 Mount. type Flange/bracket,
 Thread type mm, Elect. connection Plug,
 Switch Internal, Plunger External
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090161 Shutdown Solenoid
 Replacing: 150224C3U1B1S2A
 24 V, 0.25 Amp/hold, 17 Amp/pull,
 Thread size 6.00, Hold rating 89N,
 Pull rating 40N at 25.4 mm, Return spring 17N,
 Mount. type Flange/bracket,
 Thread type mm, Elect. connection Plug,
 Function Pull, Switch Internal,
 Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090168 Shutdown Solenoid
 Replacing: 200112E3U1B2S2
 12 V, 0.60 Amp/hold, 44 Amp/pull,
 Thread size 6.00, Hold rating 178N,
 Pull rating 75N at 25.4 mm, Return spring 35N,
 Mount. type Flange/bracket,
 Thread type mm, Elect. connection Plug,
 Switch Internal, Plunger External
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090169 Shutdown Solenoid

Replacing: 200124E3U1B2S2
 24 V, 0.30 Amp/hold, 23 Amp/pull,
 Thread size 6.00, Hold rating 178N,
 Pull rating 75N at 25.4 mm, Return spring 35N,
 Mount. type Flange/bracket,
 Thread type mm, Elect. connection Plug,
 Function Pull, Switch Internal,
 Plunger External, Aux terminal Yes
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090210 Shutdown Solenoid

Replacing: 1751-12A3U1B1S1A
 12 V, 1.10 Amp/hold, 46 Amp/pull,
 Thread size 1/4"-28 stud., Hold rating 178N,
 Pull rating 89N at 25.4 mm, Return spring 9N,
 Mount. type Flange/bracket,
 Thread type Inches, Elect. connection Plug,
 Function Pull, Switch Internal,
 Plunger Internal, Aux terminal Yes
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090224 Shutdown Solenoid

Replacing: SA3405T, 150212C7U2B2S7
 12 V, 0.25 Amp/hold, 17 Amp/pull,
 Thread size 6.00, Hold rating 89N,
 Pull rating 40N at 25.4 mm,
 Return spring 17N, Thread type mm,
 Switch Internal, Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090268 Shutdown Solenoid

Replacing: SA-5157, SA-5019, SA-4668-S,
 1503ES-12A5SUC9SCG28, 1503ES-12A5SUC-
 9SCC28
 Servicing: Kubota 5 series
 12 V, 0.49 Amp/hold, 36.5 Amp/pull,
 Thread size 0.155, Thread type Inches,
 Switch Internal, Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090297 Shutdown Solenoid

Replacing: 175124A2U1B1S1A, 1751 24A2U-
 1B1S1A
 24 V, 1.10 Amp/hold, 46 Amp/pull,
 Thread size 6.00, Hold rating 169N,
 Pull rating 107N at 25.4 mm,
 Return spring 7-11N, Thread type mm,
 Switch Internal, Plunger External,
 Aux terminal No
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090317 Shutdown Solenoid

24 V, 0.30 Amp/hold, 20 Amp/pull,
 Hold rating 245N, Pull rating 98N at 32.00 mm,
 Return spring 45N, Switch Internal,
 Plunger Internal, Coil commander w/
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090318 Shutdown Solenoid

12 V, 0.65 Amp/hold, 37 Amp/pull,
 Hold rating 245N, Pull rating 98N at 32.00 mm,
 Return spring 45N, Switch Internal,
 Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090334 Shutdown Solenoid

Replacing: SA-3991-12
 Servicing: Sisu Diesel 8366 40253
 12 V, 1.10 Amp/hold, 46.5 Amp/pull,
 Hold rating 178N, Pull rating 89N,
 Switch Internal, Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090402 Shutdown Solenoid

Replacing: SA-4567T, 1503ES24A5UC5S
 Servicing: Kubota super 5 series
 24 V, 0.59 Amp/hold, 19.6 Amp/pull,
 Thread size 0.154, Thread type Inches,
 Switch Internal, Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090430 Shutdown Solenoid

Servicing: Kubota
 12 V, 0.49 Amp/hold, 36.5 Amp/pull,
 Thread size 0.158, Thread type Inches,
 Switch Internal, Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*

Kits

Externally Switched



090095 Solenoid Shutdown Kit
 Replacing: SA-3742-12
 12 V, 1.10 Amp/hold, 46 Amp/pull,
 Hold rating 178N, Pull rating 89N at 25.4 mm,
 Mount. type Flange/bracket,
 Mount. side Left, Elect. connection Cable,
 Function Pull, Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



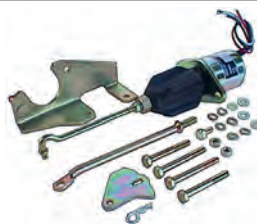
090096 Solenoid Shutdown Kit
 Replacing: SA-3799-12
 12 V, 1.10 Amp/hold, 46 Amp/pull,
 Hold rating 178N, Pull rating 89N at 25.4 mm,
 Mount. type Flange/bracket,
 Mount. side Right, Elect. connection Cable,
 Function Pull, Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090099 Solenoid Shutdown Kit
 Replacing: SA-3742-24
 24 V, 0.50 Amp/hold, 25 Amp/pull,
 Hold rating 178N, Pull rating 89N at 25.4 mm,
 Mount. type Flange/bracket,
 Mount. side Left, Elect. connection Cable,
 Function Pull, Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090100 Solenoid Shutdown Kit
 Replacing: SA-3799-24
 24 V, 0.50 Amp/hold, 25 Amp/pull,
 Hold rating 178N, Pull rating 89N at 25.4 mm,
 Mount. type Flange/bracket,
 Mount. side Right, Elect. connection Cable,
 Function Pull, Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090103 Solenoid Shutdown Kit
 Replacing: SA-4014-12
 Servicing: Nippodensu, Zexel
 12 V, 1.10 Amp/hold, 55 Amp/pull,
 Hold rating 178N, Pull rating 89N at 25.4 mm,
 Mount. type Flange/bracket,
 Mount. side Left, Elect. connection Cable,
 Function Pull, Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090104 Solenoid Shutdown Kit
 Replacing: SA-3999-12
 Servicing: Nippodensu, Zexel
 12 V, 1.10 Amp/hold, 55 Amp/pull,
 Hold rating 178N, Pull rating 89N at 25.4 mm,
 Mount. side Right, Elect. connection Cable,
 Function Pull, Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090105 Solenoid Shutdown Kit
 Replacing: SA-4014-24
 Servicing: Nippodensu, Zexel
 24 V, 0.63 Amp/hold, 29 Amp/pull,
 Hold rating 178N, Pull rating 89N at 25.4 mm,
 Mount. side Left, Elect. connection Cable,
 Function Pull, Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090106 Solenoid Shutdown Kit
 Replacing: SA-3999-24
 Servicing: Nippodensu, Zexel
 24 V, 0.63 Amp/hold, 29 Amp/pull,
 Hold rating 178N, Pull rating 89N at 25.4 mm,
 Mount. side Right, Elect. connection Cable,
 Function Pull, Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090107 Solenoid Shutdown Kit
 Replacing: SA-4026-12
 12 V, 1.10 Amp/hold, 55 Amp/pull,
 Hold rating 178N, Pull rating 89N at 25.4 mm,
 Mount. side Left, Switch External,
 Elect. connection Multiplug, Function Pull
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



090108 Solenoid Shutdown Kit
 Replacing: SA-4026-24
 24 V, 0.63 Amp/hold, 29 Amp/pull,
 Hold rating 178N, Pull rating 89N at 25.4 mm,
 Mount. side Left, Switch External
 Elect. connection Multiplug, Function Pull
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*



Internally Switched



090097 Solenoid Shutdown Kit
 Replacing: SA-3765-12
 12 V, 1.10 Amp/hold, 46 Amp/pull, Hold rating 178N, Pull rating 89N at 25.4 mm, Mount. type Flange/bracket, Mount. side Left, Elect. connection Plug, Function Pull, Switch Internal
This solenoid can switch off the pull coil, and no external 'control' is necessary.



090098 Solenoid Shutdown Kit
 Replacing: SA-3800-12
 12 V, 1.10 Amp/hold, 46 Amp/pull, Hold rating 178N, Pull rating 89N at 25.4 mm, Mount. side Right, Elect. connection Plug, Function Pull, Switch Internal
This solenoid can switch off the pull coil, and no external 'control' is necessary.



090101 Solenoid Shutdown Kit
 Replacing: SA-3765-24
 24 V, 0.50 Amp/hold, 25 Amp/pull, Hold rating 178N, Pull rating 89N at 25.4 mm, Mount. side Left, Elect. connection Plug, Function Pull, Switch Internal
This solenoid can switch off the pull coil, and no external 'control' is necessary.



090102 Solenoid Shutdown Kit
 Replacing: SA-3800-24
 24 V, 0.50 Amp/hold, 25 Amp/pull, Hold rating 178N, Pull rating 89N at 25.4 mm, Elect. connection Plug, Function Pull, Switch Internal
This solenoid can switch off the pull coil, and no external 'control' is necessary.

Pull Coil Timers



090115 Pull Coil Timer
 Replacing: 090115
 12 V, No./wires 3



090116 Pull Coil Timer
 Replacing: SA-4092-24
 24 V, No./wires 3

Sundry Parts

Various



133370 Terminal Lead
 Servicing: M8
 ID 8.45, Lead length 107.55



133371 Terminal Lead
 Servicing: M8
 ID 8.45, Lead length 106.45



133372 Terminal Lead
 ID 8.45, Lead length 106.75
 M8.



133390 Terminal Lead
 Servicing: M8
 ID 8.50, Lead length 60.00



133505 Terminal Lead
 ID 8.40, Lead length 39.50
 M8.



133506 Terminal Lead
 ID 8.50, Lead length 52.65
 M8.

Pkg. 10



134064 Terminal Lead
ID 8.40, Lead length 53.00
M8.

Pkg. 10



134921 Terminal Lead
ID 10.35, Lead length 68.20
M10.

Pkg. 50



135203 Terminal
Servicing: M8

Pkg. 10



136766 Terminal Lead
ID 8.45, Lead length 67.25
M8.



140398 Brush Leader
Length 1000.00, Thickness 2.50



140399 Brush Leader
Length 1000.00, Thickness 6.00



140400 Brush Leader
Length 1000.00, Thickness 10.00



140704 Brush Leader
Length 1000.00, Thickness 16.00

Pkg. 10



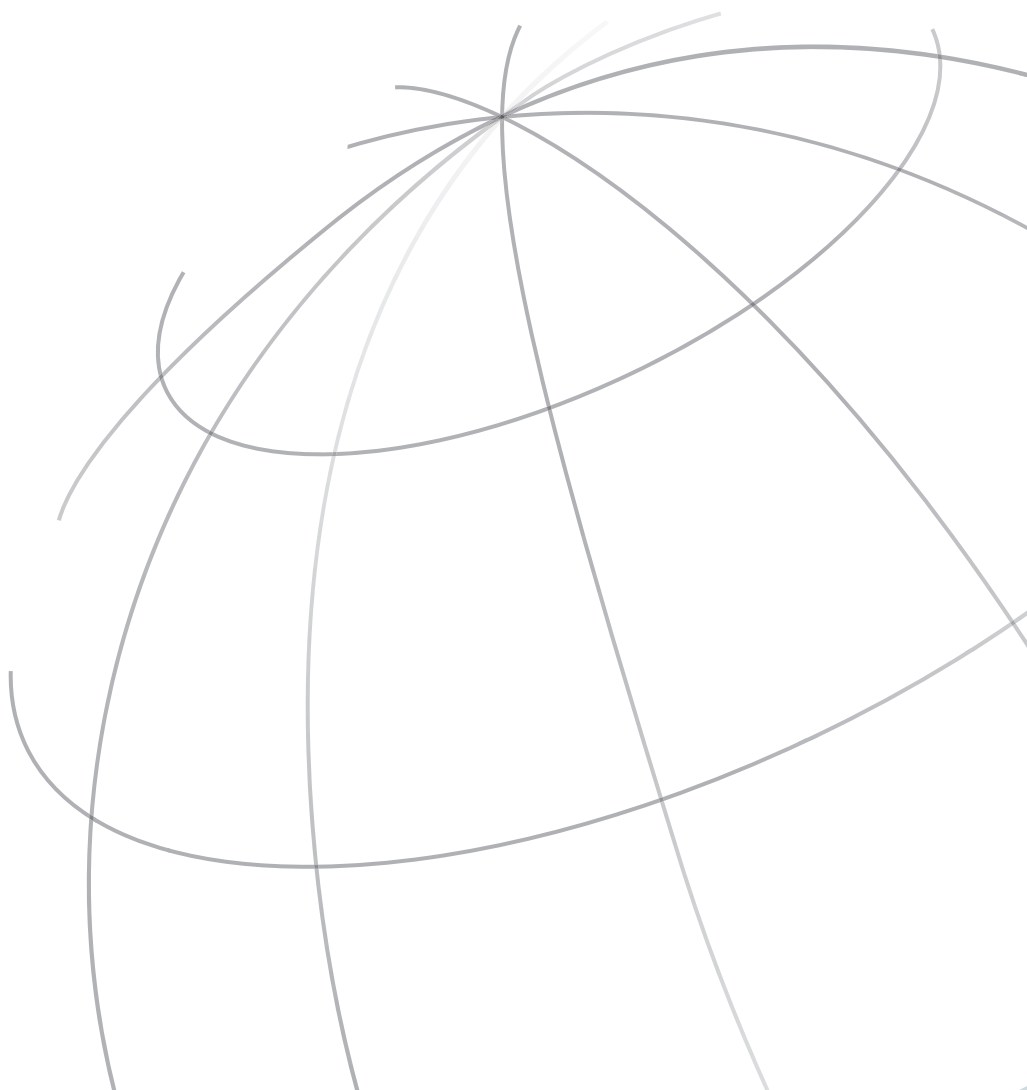
230793 Terminal Lead
ID 8.50, Lead length 106.80
M8.



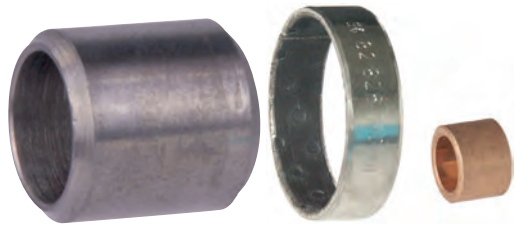
Survey

Bushings

Edition 2017-2019



Bushings



ID	OD	Length	HC-CARGO
4.00	7.00	7.40	140952
5.02	7.97	7.15	142015
5.20	9.00	9.00	141117
6.00	10.20	8.20	140615
6.00	8.79	11.65	142044
6.02	9.00	7.10	140499
6.04	9.81	7.04	140992
6.05	10.02	8.30	140497
6.05	12.00	11.07	142068
6.07	8.75	10.80	140939
6.10	10.00	7.45	140787
6.10	10.05	10.40	141046
6.15	10.00	6.85	141132
6.16	10.00	8.91	140993
6.84	11.00	8.00	140994
7.00	11.95	8.50	142014
7.02	9.50	9.25	141249
7.02	10.00	6.10	140734
7.06	11.99	10.00	140991
7.07	9.60	10.00	141105
7.09	9.51	11.20	140788
7.10	9.50	8.20	331981
7.12	9.60	8.10	140965
8.01	11.12	8.00	141118
8.02	11.50	9.98	140947
8.02	11.51	11.43	140916
8.07	11.06	9.50	332877
8.09	11.12	10.00	140250
8.10	11.12	8.00	140249
8.10	11.55	11.63	141145
8.10	11.90	9.10	140941
8.10	12.00	6.80	141047
8.10	12.00	8.75	140653
8.11	10.93	11.25	141148
8.12	11.55	9.00	141091
8.12	12.12	11.44	140970
8.12	12.45	10.00	140987
8.12	13.10	8.34	140648
8.15	11.00	8.25	141134
8.50	11.70	10.00	141227
8.60	11.00	10.95	134772
9.00	11.00	15.10	251409#
9.05	13.00	8.50	142022
9.20	13.08	13.30	141133
9.35	11.98	12.46	237666
9.60	12.70	9.62	141217
9.60	14.30	9.45	141050
9.85	14.05	11.90	140915
9.90	16.60	8.05	140940
9.95	14.00	14.75	140691
10.00	11.62	14.15	142025
10.00	13.95	8.55	141074
10.00	14.00	12.00	140319
10.00	14.00-15.00	25.00	080162
10.00	14.05	9.35	141122
10.00	19.05	12.25	141215
10.03	13.04	13.00	140258
10.03	14.00	10.00	141202
10.03	14.00	12.50	140555
10.03	16.02	10.00	140988
10.03	16.10	12.50	140911
10.03	16.55	10.35	140248
10.04	16.55	13.80	141061

ID	OD	Length	HC-CARGO
10.05	16.55	11.50	140204
10.06	13.04	16.00	140259
10.06	14.05	13.00	140155
10.07	13.05	12.00	140038
10.07	13.97	10.00	140842
10.07	16.55	14.60	140563
10.08	14.02	13.50	140050
10.08	14.02	15.00	140047
10.08	14.03	13.60	140156
10.08	14.09	13.00	140014
10.10	12.80	12.50	141257
10.10	12.95	10.45	140731
10.10	12.98	12.00	332635
10.10	14.00	9.55	141119
10.10	14.04	9.60	140430
10.10	15.01	10.00	141032
10.10	15.50	10.40	140424
10.11	14.04	9.90	140208
10.12	14.00	12.00	141146
10.17	14.07	12.20	141025
10.75	12.35	21.00	140998
10.81	12.66	21.00	141027#
10.95	13.06	13.10	141220
10.97	13.62	19.90	140937
11.00	13.00	12.60	141150
11.00	13.00	17.55	140466
11.00	13.10	10.20	332325
11.00	13.60	13.80	140008
11.00	14.70	12.80	140425
11.02	14.00	13.00	140428
11.03	13.23	12.70	141153
11.03	13.54	9.00	140929
11.03	13.55	20.00	140997#
11.05	14.72	8.00	140426
11.05	14.72	11.00	140427
11.06	13.03	13.00	140320
11.07	14.02	9.00	141165
11.07	15.08	15.00	140314
11.08	12.10	15.30	141221
11.09	12.60	11.50	140853
11.10	12.60	11.50	140028
11.10	14.03	13.80	142033
11.14	14.34	9.00	141014
11.15	13.97	13.90	141092
11.15	14.70	9.80	141011
11.15	15.85	16.30	140056
11.17	15.85	12.60	140663
11.17	15.86	12.70	140660
11.18	15.85	18.85	140666
11.20	15.85	12.35	140103
11.52	15.08	13.00	140315
11.53	13.50	23.00	140690
11.55	15.10	14.00	140309
11.60	13.40	12.30	140627
11.60	14.08	13.00	140435
11.75	13.40	11.00	140622
11.90	13.00	18.20	141271
11.95	13.15	18.40	141123
11.97	15.24	19.05	140187
11.99	15.11	18.67	140186
12.00	13.17	12.75	140183
12.00	13.20	16.15	140621
12.00	14.00	11.90	140858
12.00	15.00	11.90	142041
12.00	15.00	12.00	140040
12.00	15.06	16.00	140501
12.00	15.10	10.50	140192
12.00	15.40	10.00	142027
12.00	16.00	10.05	141075
12.00	16.00	16.90	140046
12.00	16.00	19.40	140374
12.00	16.30	22.50	140307
12.01	13.11	15.60	140467
12.02	16.00	9.50	140429

ID	OD	Length	HC-CARGO	ID	OD	Length	HC-CARGO
12.02	16.00	10.96	141252	12.75	14.30	19.85	140185
12.03	13.50	18.79	140625	12.75	19.14	14.00	140656
12.03	14.00	20.85	140729	12.76	15.84	12.70	140054
12.03	16.02	17.00	140269	12.76	15.91	16.50	140144
12.04	15.13	10.20	140844	12.77	14.36	17.40	140207
12.04	15.56	5.50	140870	12.78	15.95	19.00	141157
12.04	16.00	16.00	140436	12.80	15.95	14.00	140657
12.05	13.18	18.40	140189	12.85	14.91	21.50	140586
12.05	14.13	15.90	140730	12.90	14.44	17.79	140629
12.05	15.07	13.50	140041	13.00	15.15	12.40	141124
12.05	15.10	7.80	140665	13.00	16.00	15.90	141127
12.06	15.04	10.00	140496	13.03	16.00	16.00	140519
12.07	15.05	14.05	140662	13.04	15.04	12.00	140157
12.07	15.05	20.00	140064	13.04	15.05	14.50	140042
12.07	15.07	12.01	140533	13.04	15.05	21.00	141243
12.07	16.02	11.30	140270	13.20	19.10	11.90	141226
12.07	16.02	14.00	140048	13.40	13.60	22.20	140623
12.08	14.09	13.90	140018	13.80	19.20	20.15	140308
12.08	15.07	16.90	140057	13.98	18.00	16.40	140464
12.08	15.55	5.50	332864	14.00	16.20	21.20	140329
12.09	14.03	22.90	142009	14.00	17.00	15.00	140485
12.09	15.08	19.00	140689	14.00	17.00	16.00	140906
12.09	16.00	12.00	140268	14.00	18.00	17.00	140313
12.09	16.11	14.00	140017	14.00	18.00	20.00	140316
12.10	13.50	11.50	140857	14.00	18.05	6.40	142028
12.10	13.57	11.50	140854	14.02	15.60	16.00	140775
12.10	13.60	11.50	140030	14.02	18.04	17.00	141208
12.10	13.60	13.50	140029	14.03	17.00	16.20	140601
12.10	15.05	15.00	140043	14.03	17.50	19.00	140521
12.10	16.03	5.35	141198	14.04	16.02	16.00	141128
12.10	16.12	16.00	140009	14.04	20.02	10.00	140006
12.11	14.02	20.80	141095	14.05	17.48	19.00	140487*
12.11	14.08	14.00	140036	14.05	18.03	16.00	140684
12.11	14.10	12.00	140500	14.05	18.05	15.00	140667
12.11	16.01	24.00	140049	14.06	17.06	19.70	140058
12.12	15.04	13.90	141031	14.06	18.03	14.00	140019
12.13	13.62	20.00	140782	14.07	18.05	20.15	140065
12.16	13.20	12.65	140262	14.08	17.58	15.00	140004
12.16	13.84	20.00	141056	14.08	20.03	17.00	140203
12.20	15.15	8.40	141115	14.10	20.05	10.00	140855
12.23	14.36	15.70	140322	14.13	18.05	13.39	141064
12.40	16.55	10.40	141237	14.16	18.10	11.15	140999
12.45	15.85	17.90	140996	14.16	20.06	12.00	140202
12.50	16.00	20.00	141206	14.20	16.04	10.60	140908
12.51	18.24	12.68	141051	14.20	16.20	15.70	140323
12.52	16.00	15.00	140310	14.20	16.30	19.80	140330
12.52	16.00	15.00	140310	14.23	16.85	10.00	141204*
12.53	14.02	10.50	140583	14.25	16.05	9.95	141161
12.53	15.10	9.80	140694	14.25	17.25	9.15	141151
12.53	15.50	10.50	140333	14.27	17.26	12.45	140321
12.53	16.05	12.00	140311	14.30	16.00	11.50	140033
12.54	14.72	14.00	140326	14.30	16.00	13.70	140031
12.54	16.55	10.50	140328	14.30	16.03	16.90	140862
12.54	16.55	14.00	140325	14.30	17.49	17.97	141201
12.55	14.00	19.00	141136	14.31	19.10	12.50	142084
12.55	16.50	10.60	140423	14.32	17.62	22.20	140688
12.55	16.56	11.50	140003	14.33	18.05	18.00	140977
12.55	16.57	7.85	140984	14.34	16.04	20.39	140867
12.55	19.04	13.45	141077	14.35	17.26	12.50	141076
12.55	19.05	11.90	141078	14.35	17.55	19.00	140215
12.56	16.55	14.00	140012	14.36	16.02	10.00	140035
12.56	16.60	6.00	332820	14.36	16.02	23.50	140866
12.57	16.54	9.80	140856	14.36	19.17	19.10	140071
12.57	16.55	15.80	140016	14.37	16.03	16.40	140181
12.58	16.03	11.90	141135	14.37	19.17	24.60	140070
12.59	16.55	18.00	140010	14.38	15.90	16.70	140184
12.60	15.50	12.80	140579	14.39	16.00	18.00	140261
12.60	18.57	19.50	140200	14.40	15.10	25.90	140626
12.62	14.00	19.30	140584	14.43	17.31	13.20	141222
12.63	14.10	10.50	140645	14.44	16.00	15.20	140865
12.70	14.40	12.80	140582	14.50	16.05	25.75	140628
12.70	15.80	11.40	141216	14.50	18.00	15.00	140757
12.73	15.91	19.80	140217	14.52	18.00	17.00	140756
12.74	15.85	19.00	140052	15.00	18.50	11.20	140792

STARTER COMPONENTS

ID	OD	Length	HC-CARGO	ID	OD	Length	HC-CARGO
15.00	20.00	19.85	140527	19.00	20.65	18.50	140182
15.03	19.02	19.90	140517	19.00	22.00	18.00	140776
15.03	20.00	16.00	140318	19.00	22.30	6.30	140843
15.10	22.04	12.70	140005	19.00	23.00	19.00	140520
15.11	18.20	22.20	140062	19.00	23.02	25.00	140959
15.18	18.12	11.90	140614	19.00	23.50	10.00	141264
15.20	17.15	14.00	134894	19.03	22.05	9.00	140846
15.45	17.00	9.85	140624	19.05	25.40	19.50	140403
15.70	19.10	7.00	140950	19.06	22.55	14.00	140758
15.72	19.58	9.80	140962	19.10	22.25	20.50	140661
15.77	17.02	9.81	140964	19.10	23.10	13.00	140026
15.80	20.00	12.55	141214	19.10	25.45	19.00	141143
15.90	17.50	14.20	140193	19.11	20.70	17.90	140059
15.90	19.10	15.20	140553	19.11	23.08	9.80	140025
15.90	19.10	24.40	141158	19.12	25.10	12.80	140151
15.95	19.13	18.00	140173	19.13	23.05	13.20	140859
15.95	19.15	14.00	140257	19.13	25.09	10.00	140020
15.95	20.68	17.30	141129	19.15	22.20	20.35	140102
15.96	19.11	11.90	140188	19.19	31.81	10.29	140404
15.97	19.20	21.90	140074	19.22	22.53	11.00	141207
15.99	19.15	18.90	140053	19.30	22.60	19.25	140406
16.00	19.15	15.00	140066	19.35	20.60	9.50	140944
16.00	20.00	10.00	140119	20.00	22.20	26.80	141191
16.00	20.00	8.00	140440	20.01	25.00	10.80	140905#
16.00	22.30	17.05	141028	20.02	24.03	5.00	140735
16.05	20.04	24.90	140670	20.02	24.06	12.00	140067
16.05	21.10	16.90	140489	20.04	24.05	16.00	140676
16.09	18.00	22.00	140221	20.05	28.05	29.00	140672
16.09	20.07	11.00	140805#	20.05	28.07	24.90	140673
16.12	22.00	19.00	140109	20.10	24.02	18.00	140679
16.25	22.02	29.00	140110	20.12	25.12	9.25	140995
16.27	19.15	15.00	140264	20.20	25.10	10.65	141138
16.35	18.20	19.95	251413#	20.31	24.00	13.90	140201
16.50	20.00	8.00	141013	20.35	26.50	12.50	140317
16.52	19.10	20.00	141235	20.50	26.55	11.90	141141
16.67	19.60	19.00	140140	21.03	25.00	11.80	141212
17.00	19.00	19.70	140777	21.09	24.70	4.30	141055#
17.00	20.00	8.00	140505	21.24	24.50	31.70	140477
17.03	18.75	25.00	141016	21.30	24.40	25.00	140206
17.05	21.05	20.00	140068	21.67	26.46	12.55	140909#
17.07	21.05	22.00	140658	21.92	28.05	18.00	141097
17.08	21.05	24.00	140680	22.00	26.00	11.95	140949
17.10	19.05	19.96	140835	22.05	25.45	33.60	140746
17.10	20.10/25.30	13.50	141228	22.05	26.05	28.00	140170
17.10	22.10	16.20	141131	22.07	26.00	5.19	141082
17.30	18.85	24.90	141072#	22.14	28.07	11.20	140111
17.50	20.10	7.60	140306	22.22	28.60	31.75	140402
17.50	22.35	28.50	140478	22.25	28.65	29.90	141144
17.53	20.65	16.75	140194	22.34	26.70	5.50	142047
17.60	20.90	7.40	142057	22.34	28.65	9.00	141048
17.60	21.60	9.40	140027	22.35	26.25	34.00	140664
17.93	22.10	7.05	141099	22.35	26.70	9.00	140942
18.00	20.08	25.95	142061	22.40	26.70	8.10	141125
18.00	21.00	8.90	142011	22.53	25.67	25.40	140214
18.00	22.10	8.00	140251	22.71	28.50	5.90	140554
18.01	22.24	5.93	140928	22.85	28.65	5.80	141154
18.02	22.04	5.90	140711	23.02	28.60	4.05	140847
18.03	22.10	6.00	140252	23.04	26.07	8.45	141238
18.03	22.10	7.00	141096	23.05	28.50	3.95	141155
18.03	23.00	9.20	141017	23.05	28.64	3.76	141205
18.05	22.04	5.00	140498	23.05	28.64	3.80	141080#
18.05	24.05	19.25	141140	23.10	27.05	20.00	140397
18.06	20.98	8.97	142083	23.25	28.55	5.00	141073#
18.08	22.06	4.95	141160	23.55	27.00	5.85	140698
18.08	23.05	9.30	141197	23.85	27.00	5.65	141182
18.12	22.04	6.79	140927	23.90	29.30	5.95	140697
18.12	22.10	7.10	140869	23.93	29.30	6.03	140774
18.13	24.02	28.00	140211	24.00	25.40	10.65	141241
18.16	23.05	7.43	140654	24.20	29.00	18.00	140452
18.19	20.98	9.00	142034	24.90	32.00	17.85	140745
18.21	22.05	7.00	141139	25.02	30.04	15.00	140683
18.80	20.00	11.00	140484	25.03	32.07	20.00	140669
18.93	22.09	9.00	140779	25.15/8.03	29.20/11.02	8.00/9.50	142000
18.98	23.01	19.80	140449	25.47	28.65	21.60	140212

ID	OD	Length	HC-CARGO
25.50	28.66	17.30	140594
25.60	31.80	8.85	141126#
26.10	30.40	11.35	140256
26.10	32.10	11.60	140692
27.05	35.07	14.40	140671
27.16	31.14	5.63	140572
27.78	32.00	28.00	140450
28.30	33.00	26.35	140154
28.30	35.70	10.00	140312
28.35	32.25	10.00	140850
28.56	31.77	13.00	140659
30.10	35.00	22.95	140778
30.10	37.08	25.00	140864#
34.50	39.17	41.80	140007#
34.90	39.30	47.00	140171
35.80	39.50	47.80	141003
40.12	48.04	10.50	140011
		20.00	080161
		30.50	080165
		33.50	080232
	18.00	40.00	236539
		40.50	080163
			140104
			140593
			140540
			140473
			140537
			140528
			140655
			140541
			140646
			140526
			140539#
			140590
			140531
			140472
			140543
			140592
			140827
			140536

Mounting Bushings



Type A



ID	OD	Length	HC-CARGO
8.40	13.40	15.40	231520
10.00	18.30	18.00	137801
12.00	19.50	16.20	134783#

Type B



ID	OD	Length	HC-CARGO
8.00	13.05	20.00	134774
8.00	13.50	20.00	136461
8.00	14.00	20.00	134775
8.20	13.60	20.00	135211#
8.50	18.07	20.00	138086#
8.60	15.30	15.30	134278
10.00	15.00	18.00	134964
10.00	16.50	15.30	134277
10.00	17.00	20.00	233338
10.00	18.10	20.00	137263#
10.00	19.03	18.30	137400
10.20	20.20	22.00	230508
10.20	21.00	18.00	139245
10.30	21.00	22.00	137262
10.50	17.10	16.00	234575
12.00	19.70	22.00	134782#
12.20	21.10	27.00	137408#
12.30	18.00	27.00	137461
12.30	18.08	22.00	137343
12.50	21.00	22.00	230079
12.50	21.20	25.00	138240
12.70	22.23	20.30	232737
13.30	21.15	20.00	138241
13.35	19.35	20.30	233276#
13.40	21.30	27.00	139968

Type C



ID	OD	Length	HC-CARGO
8.00	13.00	21.00	138451
8.40	14.00	13.00	135216
9.00	11.00/20.00	8.00	138243
10.00	16.50/22.00	20.70	135421#
10.10	16.60	16.00	134676
10.20	14.00	17.80	138435
10.20	16.80/21.50	13.00	230910
10.50	15.50	18.30	234825
10.50	15.50/22.50	18.20	232669
10.50	17.00/22.00	15.00	134276
11.00	14.00/21.50	8.10	138089
11.00	18.60	26.00	234713
M12	16.15	20.90	139621#

Type D



ID	OD	Length	HC-CARGO
8.80	15.00	25.00	232063
8.80	15.00	25.00	232063
8.85	13.50	25.20	139747#
10.00	16.00	21.00	137497
10.00	16.00-22.00	20.00	232742
10.00	16.00-22.00	21.00	232745
10.00	18.20/22.00	15.00	231560
10.30	17.90/25.00	26.50	138245
10.35	18.00/21.90	21.10	138091
10.60	18.00	20.00	138244
	18.00	21.00	233574

Type F



ID	OD	Length	HC-CARGO
M10	17.96	19.01	235788
	18.02	20.00	137575
	21.00	20.00	231257

Type G



OD	Length	HC-CARGO
18.30	23.00	133752
18.50	21.00	234835

Type H



OD	Length	HC-CARGO
21.00	25.00	233920
21.00	32.00	138087

Type J



ID	OD	Length	HC-CARGO
10.50	18.00	13.00	136932
10.50	18.00	16.00	134792

Type K



ID	OD	Length	HC-CARGO
9.43	14.87	12.99	330706#

Mounting Bushing Kit



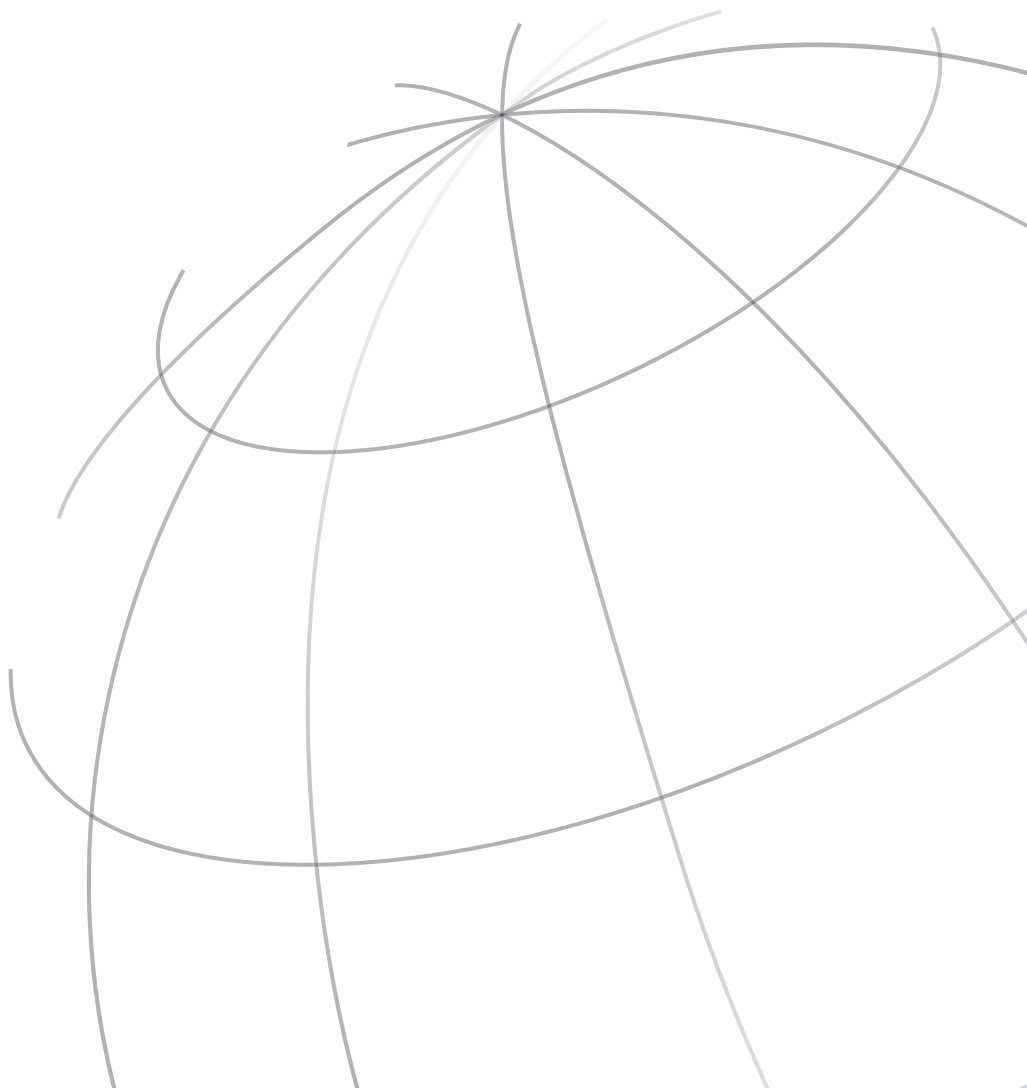
ID	OD	Length	HC-CARGO
8.00	10.80	8.00	132573
8.00	15.00	25.00	131820
8.15	15.00	56.00	133641
8.20	15.00	51.00	131821
10.00	13.00	5.00	131604#
10.00	14.50	9.00	131607
10.40	18.50	12.20	137756
10.50	18.30	14.90	137757
12.30	21.00	29.00	132572
12.30	21.00	29.00	132572
M10	14.85	12.55	131605
M10	16.60	12.00	131606



Assortments

Edition 2017-2019

ISO 9001
BUREAU VERITAS
Certification



Assortment Box and Inserts



200663 Std pkg 6
 Profi Service Case, empty.
 Can be divided using inserts.
 Dim.: 340 x 265 x 57 mm.
 Polypropylene (Unbreakable).

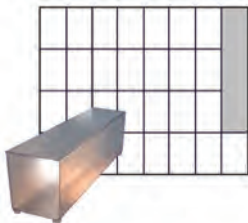
INSERTS FOR ASSORTMENT BOXES
 Polypropylene (Unbreakable)



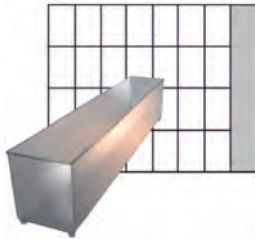
200664 Std pkg 96
 Dim.: 55 x 40 x 45 mm.



200665 Std pkg 48
 Dim.: 110 x 40 x 45 mm.



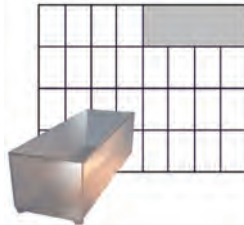
200666 Std pkg 30
 Dim.: 165 x 40 x 45 mm.



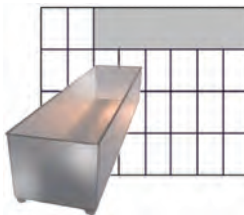
200667 Std pkg 24
 Dim.: 220 x 40 x 45 mm.



200668 Std pkg 48
 Dim.: 55 x 80 x 45 mm.



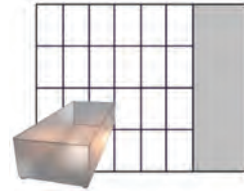
200669 Std pkg 24
 Dim.: 55 x 160 x 45 mm.



200670 Std pkg 15
 Dim.: 55 x 240 x 45 mm.



200671 Std pkg 24
 Dim.: 110 x 80 x 45 mm.



200672 Std pkg 12
 Dim.: 220 x 80 x 45 mm.



200673 Std pkg 12
 Dim.: 110 x 160 x 45 mm.



200676
 Display for 4 Profi Service Cases.
 Dim.: 330 x 360 x 200 mm



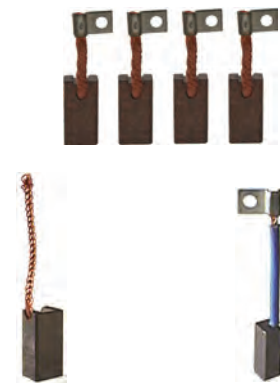
200693
 Display for 4 Profi service cases.
 Dim.: 313 x 373 x 265 mm
 Can be assembled horizontally or vertically.

Solenoid Parts / Denso
803004

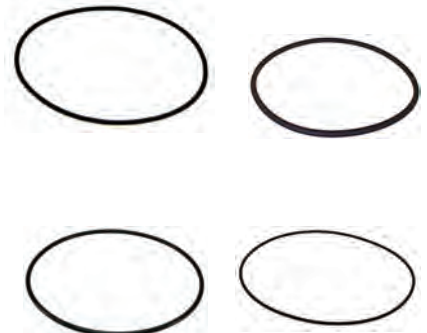
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
131830	Copper Contact Kit	2	139047	Contact Kit	2
131831	Copper Contact Kit	2	139494	Contact Kit	2
131832	Copper Contact Kit	2	139532	Contact Kit	2
131833	Copper Contact Kit	2	139046	Contact Kit	2
132563	Plunger	1			
132565	Contact Kit	2			
132567	Contact Kit	2			
132568	Contact Kit	2			
132570	Plunger	1			
133602	Contact Kit	2			
133634	Contact Kit	2			
133635	Contact Kit	2			
135384	Contact Kit	2			
135385	Contact Kit	2			


Various Brushes / DC Motors
803005

HC-CARGO	Item	Qty.
140164	Brush	10
140408	Brush Set	4
140410	Brush Set	4
H106	Brush	6
H26	Brush	10
H54	Brush	10
H56	Brush	10
H5-6	Brush	10
PL5	Brush	6
SW126	Brush	10


Various O-rings
803007

HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
132659	O-Ring	5	134486	O-Ring	10
132660	O-Ring	10	134487	O-Ring	10
132891	O-Ring	10	134488	O-Ring	10
132892	O-Ring	5	134489	O-Ring	10
132893	O-Ring	10	134490	O-Ring	5
132900	O-Ring	5	134491	O-Ring	10
133040	O-Ring	5	134612	O-Ring	10
133597	O-Ring	5	134613	O-Ring	5
133598	O-Ring	5	134633	O-Ring	10
133717	O-Ring	5	134692	O-Ring	10
133965	O-Ring	5	134716	O-Ring	10
134482	O-Ring	10	134776	O-Ring	10
134484	O-Ring	10	134931	O-Ring	5
134485	O-Ring	10	134965	O-Ring	5


Bushings / Bosch
803012

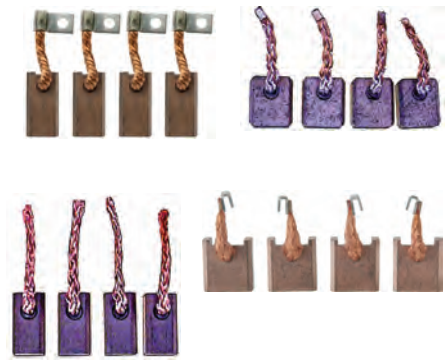
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
140003	Bushing	10	140028	Bushing	10	140500	Bushing	10
140004	Bushing	10	140029	Bushing	10	140563	Bushing	10
140008	Bushing	10	140030	Bushing	10	140645	Bushing	10
140009	Bushing	10	140035	Bushing	10	B140250	Bushing	10
140010	Bushing	10	140140	Bushing	5			
140012	Bushing	10	140151	Bushing	5			
140016	Bushing	10	140203	Bushing	5			
140017	Bushing	10	140204	Bushing	10			
140018	Bushing	10	140208	Bushing	10			
140019	Bushing	10	140249	Bushing	10			
140020	Bushing	5	140251	Bushing	10			
140025	Bushing	10	140252	Bushing	10			
140026	Bushing	5	140261	Bushing	10			
140027	Bushing	10	140423	Bushing	10			



Brushes 12V / Bosch

803018

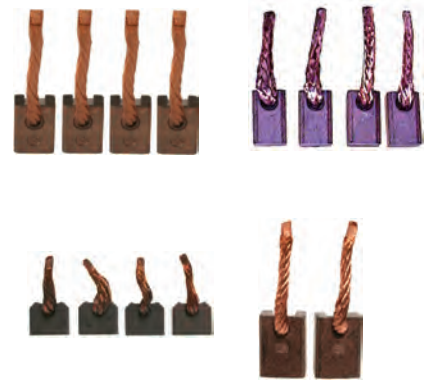
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
BSX124	Brush Set.....	2	BSX124F4	Brush Set.....	2
BSX754	Brush Set.....	2	BSX151S4	Brush Set.....	2
BSX964	Brush Set.....	2	BSX157-1584	Brush Set.....	2
BSX1024	Brush Set.....	2	BSX159-1604	Brush Set.....	2
BSX1044	Brush Set.....	2			
BSX764	Brush Set.....	2			
BSX134-1444	Brush Set.....	2			
BSX137-1434	Brush Set.....	2			
BSX1394	Brush Set.....	2			
BSX1404	Brush Set.....	2			
BSX175-1764	Brush Set.....	2			
BSX1494	Brush Set.....	2			
BSX97F4	Brush Set.....	2			
BSX98F4	Brush Set.....	2			



Brushes / Denso

803029

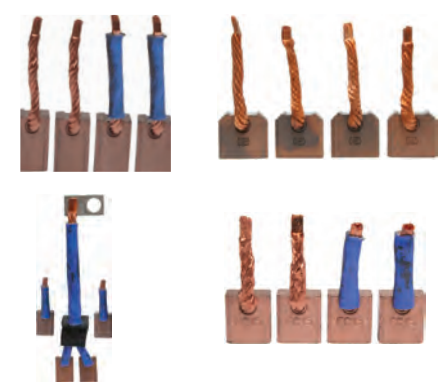
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
140356	Brush Set.....	2	140647	Brush Set.....	2
140357	Brush Set.....	2	140740	Brush Set.....	2
140358	Brush Set.....	2			
140359	Brush Set.....	2			
140360	Brush Set.....	2			
140361	Brush Set.....	2			
140362	Brush Set.....	2			
140363	Brush Set.....	2			
140364	Brush Set.....	2			
140393	Brush Set.....	2			
140396	Brush Set.....	2			
140566	Brush	2			
140570	Brush	2			
140602	Brush Set.....	2			



Various Brushes / Japanese Starters

803038

HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
140334	Brush Set.....	2	140567	Brush Set.....	2
140336	Brush Set.....	2	140708	Brush Set.....	2
140338	Brush Set.....	2			
140347	Brush Set.....	2			
140349	Brush Set.....	2			
140361	Brush Set.....	2			
140362	Brush Set.....	2			
140363	Brush Set.....	2			
140364	Brush Set.....	2			
140378	Brush Set.....	2			
140379	Brush Set.....	2			
140387	Brush Set.....	2			
140556	Brush Set.....	2			
140559	Brush Set.....	2			



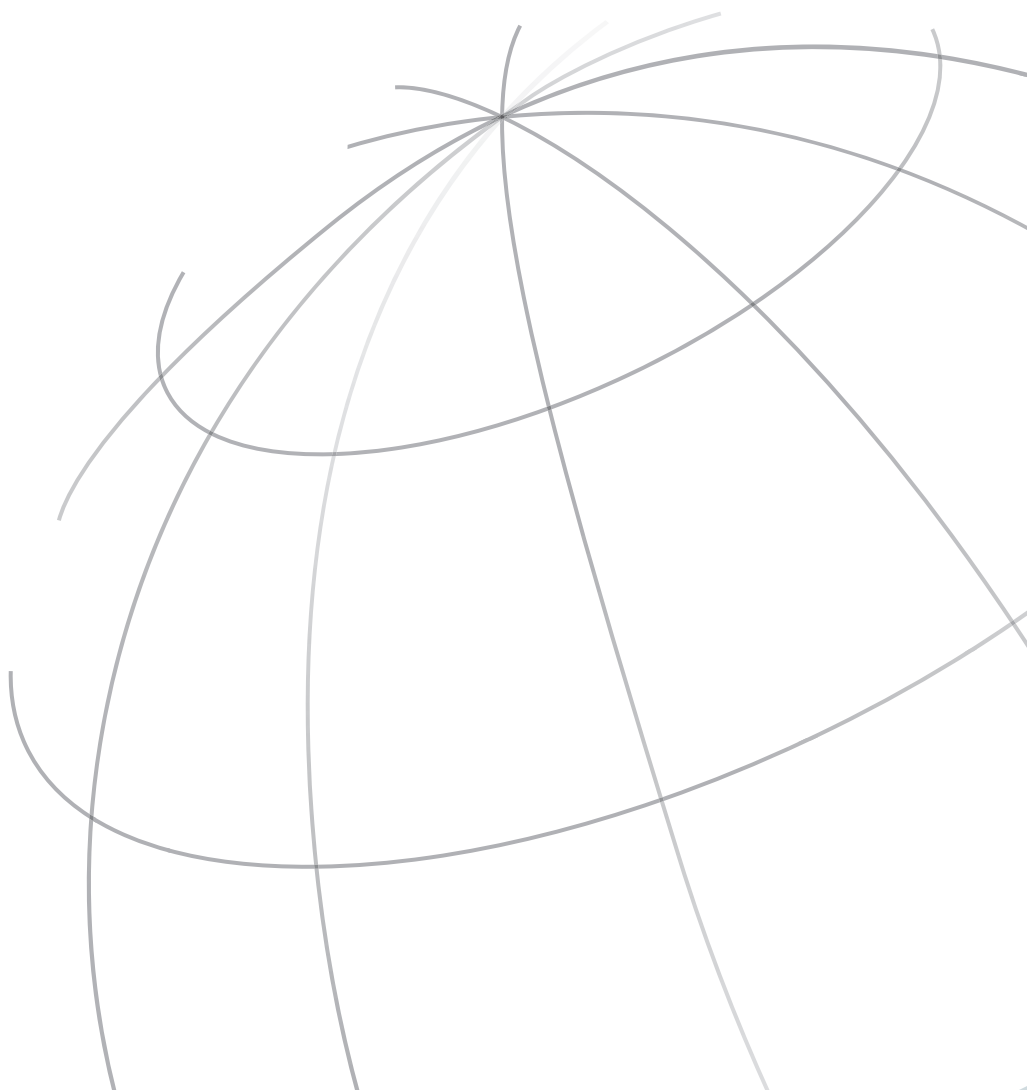


Cross reference list

OE no. - HC-CARGO no.

Edition 2017-2019

ISO 9001
BUREAU VERITAS
Certification



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOMBARDIER		0331302056	133643	0331303032	131586	0331303100	131793
295-500-089	139083	0331302058	135358	0331303032	333146	0331303101	134378
		0331302059	131794	0331303033	131791	0331303102	131793
BOSCH		0331302060	233896	0331303034	132261	0331303103	139068
0011516314	235529	0331302061	135358	0331303035	135065	0331303104	134376
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0330105001	130304	0331302063	130470	0331303039	136369	0331303106	136370
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0331303567	132263	0331401024	130299	0331402035	130301	0331402503	333137
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0331303570	333166	0331401027	130300	0331402035	130301Z	0331402504	130301
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Cross reference list

STARTER COMPONENTS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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1004011067	230518	1004011268	333534	1004320154	BSX175-1764	1004336239	136557
1004011068	134514	1004011304	233715	1004320155	BSX175-1764	1004336239	333286
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1004011070	132816	1004011315	333411	1004320158	BSX1964	1004336257	333303
1004011070	335177	1004011316	330493	1004320163	141194	1004336300	139144
1004011071	137070	1004011317	333774	1004320164	141194	1004336300	333538
1004011072	137893	1004011319	139704	1004320179	BSX210-2114	1004336301	134660
1004011073	234022	1004011319	333412	1004320180	BSX210-2114	1004336301	333291
1004011074	137284	1004011901	132814	1004320183	BSX212-2134	1004336302	134868
1004011076	137070	1004011902	136231	1004320184	BSX212-2134	1004336302	333290
1004011077	132816	1004012011	130122	1004320200	141194	1004336302	333643
1004011077	335177	1004012404	130062	1004320201	141194	1004336326	135015
1004011080	139404	1004012406	130061	1004320202	BSX210-2114	1004336326	333287
1004011080	335078	1004012407	130062	1004320203	BSX210-2114	1004336337	138326
1004011082	139703	1004012408	131063	1004320204	BSX212-2134	1004336361	333305
1004011082	335083	1004012409	134522	1004320205	BSX212-2134	1004336361	335222
1004011083	139658	1004012410	133160	1004320206	BSX212-2134	1004336362	135235
1004011084	233715	1004012412	130994	1004320207	BSX212-2134	1004336362	333539
1004011085	132816	1004012413	130122	1004320208	BSX208-2094	1004336368	233565
1004011086	134514	1004012417	130062	1004320209	BSX208-2094	1004336374	134658
1004011086	333588	1004012420	132143	1004320228	BSX214-2154	1004336374	333296
1004011087	137284	1004012421	132153	1004320229	BSX214-2154	1004336391	137618
1004011088	137893	1004012422	132153	1004320230	BSX218-2194	1004336392	232183
1004011089	231065	1004012426	132143	1004320231	BSX218-2194	1004336394	134660
1004011089	335077	1004012428	130122	1004320234	BSX214-2154	1004336394	333291
1004011090	139704	1004012431	131063	1004320235	BSX214-2154	1004336397	136557
1004011090	333412	1004012432	132153	1004320242	142069	1004336397	333286
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1004011097	137069	1004012452	130062	1004320261	142332	1004336401	134660
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1004011101	132988	1004012903	132143	1004320321	142332	1004336403	134658
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1004011133	137482	1004012914	130122	1004336025	130685	1004336407	134660
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1004011142	234895	1004014104	130062	1004336036	138320	1004336409	333306
1004011143	137482	1004111002	133184	1004336039	138320	1004336411	234475
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1004011201	239760	1004111005	133184	1004336043	138320	1004336412	139638
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1004011205	335078	1004112542	130065	1004336102	134104	1004336417	135015
1004011206	132815	1004112545	134091	1004336107	134103	1004336417	333287
1004011207	230518	1004112547	133100	1004336108	134103	1004336418	335211
1004011208	230371	1004112548	130065	1004336125	134658	1004336420	134658
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1004011210	330084	1004112564	134527	1004336130	134658	1004336421	136557
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1004011216	335080	1004112907	235664	1004336138	333285	1004336424	134658
1004011217	238108	1004113100	133101	1004336139	134659	1004336424	333296
1004011218	139404	1004113416	132154	1004336139	333595	1004336426	135235
1004011218	335078	1004113516	132154	1004336146	134658	1004336426	333539
1004011220	137893	1004113519	134012	1004336146	333296	1004336428	136557
1004011220	333534	1004113522	134359	1004336155	134659	1004336428	333286
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1004011224	333412	1004113536	132154	1004336156	134659	1004336430	333576
1004011225	230371	1004113537	134012	1004336156	333595	1004336430	333690
1004011225	334199	1004113552	134359	1004336162	134658	1004336432	136557
1004011226	330493	1004113900	133101	1004336162	333296	1004336432	333286
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH <i>Continued</i>							
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1004336434	234475	1004336581	332155	1004336728	136557	1004336809	136557
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1004336435	135015	1004336583	333499	1004336729	333306	1004336810	135015
1004336435	333287	1004336584	235401	1004336730	139638	1004336810	333287
1004336436	138326	1004336584	333304	1004336730	333559	1004336811	135235
1004336439	234475	1004336586	335212	1004336730	333576	1004336811	333539
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1004336444	232183	1004336591	333304	1004336732	333595	1004336814	136557
1004336445	138900	1004336597	330531	1004336733	134658	1004336814	333286
1004336445	333576	1004336598	230182	1004336733	333296	1004336815	134868
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1004336446	134659	1004336603	332155	1004336735	134660	1004336815	333643
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1004336455	134659	1004336605	333971	1004336737	333288	1004336816	333538
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1004336456	137703	1004336608	232700	1004336738	333288	1004336817	333301
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1004336458	134660	1004336609	330495	1004336740	333285	1004336820	136557
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1004336462	333286	1004336620	333595	1004336745	138901	1004336824	230182
1004336463	137703	1004336621	333307	1004336746	135015	1004336827	136557
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1004336465	333983	1004336623	333536	1004336750	234896	1004336829	138900
1004336466	134659	1004336625	235406	1004336750	333655	1004336829	333576
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1004336522	333304	1004336650	332070	1004336762	333296	1004336836	333576
1004336523	333123	1004336653	333123	1004336762	333567	1004336836	333690
1004336523	333552	1004336653	333552	1004336763	134658	1004336837	134658
1004336525	232700	1004336655	235531	1004336763	333296	1004336837	333296
1004336525	333967	1004336655	333292	1004336764	134660	1004336838	139550
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1004336530	235832	1004336667	235401	1004336770	237366	1004336842	136557
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1004336574	333657	1004336717	232183	1004336803	333296	1004336865	333294
1004336576	235832	1004336718	232700	1004336804	139638	1004336866	232700
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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1004336881	333576	1004336946	333289	1004337012	333124	1005821188	137156
1004336881	333690	1004336947	134659	1004337013	235090	1005821190	134406
1004336884	134659	1004336947	333595	1004337019	235091	1005821193	136714
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1004336885	333307	1004336948	333289	1004337042	235090	1005821231	134131
1004336885	333971	1004336950	134658	1004337140	236867	1005821233	136707
1004336886	235459	1004336950	333296	1004337173	335208	1005821272	134815
1004336888	237366	1004336951	135015	1004338157	332155	1005821277	134060
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1004336918	333296	1004336976	134660	1005001946	139574	1005821768	137629
1004336922	138326	1004336978	335205	1005001947	234735	1005821787	137630
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1004336934	333296	1004336990	333288	1005001999	233572	1005821913	231657
1004336936	134658	1004336991	134659	1005321306	133467	1005821932	139906
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1004336937	135015	1004336992	134868	1005821012	139357	1005821955	234157
1004336937	333287	1004336993	138904	1005821055	134677	1005821960	234084
1004336938	136418	1004336993	333584	1005821058	136199	1005821976	232184
1004336938	333294	1004336994	134660	1005821065	134850	1005821982	233984
1004336939	137268	1004336996	138900	1005821070	135806	1005821985	139573
1004336939	333290	1004336996	333576	1005821071	139357	1005821988	234237
1004336939	333643	1004336996	333690	1005821088	135897	1005822389	134116

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH <i>Continued</i>							
1005822416	136438	1006200059	137920	1006200909	235704	1006209404	333521
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1005822451	136790	1006200064	138253	1006200929	333423	1006209405	333520
1005822456	134134	1006200069	137328	1006200972	235025	1006209406	131097
1005823456	134058	1006200071	137755	1006200984	133457	1006209406	333233
1005831015	233943	1006200072	138916	1006208280	131771	1006209410	130396
1005831037	234848	1006200074	233907	1006208450	131771	1006209410	333521
1005831040	234847	1006200077	137623	1006209012	132163	1006209411	130405
1005831108	234138	1006200081	137755	1006209014	132163	1006209411	333520
1005831116	234369	1006200086	137623	1006209017	132163	1006209412	130405
1005831126	234397	1006200087	137921	1006209029	130406	1006209412	333520
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1005831144	135892	1006200090	235704	1006209031	130406	1006209414	333521
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1005831159	137629	1006200096	138325	1006209033	130390	1006209416	333521
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1005831175	234369	1006200101	137884	1006209050	231884	1006209421	130398
1005831181	234367	1006200103	135471	1006209051	130406	1006209422	133853
1005831220	234080	1006200104	133483	1006209052	130406	1006209423	130995
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1005831432	138324	1006200110	135600	1006209055	130406	1006209427	130396
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1005851012	139357	1006200114	137885	1006209059	132193	1006209428	333233
1005851014	230773	1006200117	137464	1006209060	132193	1006209429	130400
1005851016	230078	1006200118	137886	1006209061	130027	1006209431	130404
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1005851071	139357	1006200129	135841	1006209080	130401	1006209440	234534
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1005851093	139547	1006200134	133483	1006209083	230159	1006209447	130396
1005851095	139547	1006200136	234085	1006209101	130406	1006209447	333521
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1005851105	233571	1006200141	233580	1006209104	130027	1006209449	131097
1005851151	230773	1006200142	234240	1006209105	130390	1006209449	333233
1005851153	139357	1006200145	137921	1006209107	139503	1006209450	131771
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1005852311	235534	1006200150	234156	1006209110	130390	1006209452	132166
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1006200005	133459	1006200178	235579	1006209161	130027	1006209469	131101
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1006200015	133457	1006200201	139969	1006209236	333521	1006209471	333521
1006200016	133484	1006200206	230912	1006209295	134371	1006209472	131097
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1006200018	133459	1006200230	333405	1006209320	132193	1006209473	131101
1006200019	133485	1006200301	235399	1006209321	132193	1006209473	333519
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1006200022	133459	1006200303	235025	1006209323	132193	1006209481	234807
1006200027	230158	1006200304	235025	1006209324	132193	1006209482	137279
1006200030	135841	1006200306	235025	1006209325	132193	1006209500	131102
1006200034	137225	1006200307	235025	1006209329	132193	1006209500	333220
1006200037	135068	1006200309	235025	1006209332	130406	1006209500	131102Z
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1006200042	135600	1006200319	239780	1006209340	333521	1006209503	131104
1006200043	135601	1006200342	333464	1006209400	130405	1006209503	333176
1006200048	133483	1006200490	333405	1006209400	333520	1006209503	131104ZZ
1006200049	133483	1006200493	235399	1006209401	130393	1006209504	131104
1006200050	131991	1006200900	135069	1006209402	130401	1006209504	333176
1006200055	138920	1006200902	133484	1006209403	130405	1006209504	131104ZZ
1006200056	133459	1006200903	133483	1006209403	333520	1006209506	131104
1006200058	135471	1006200904	133485	1006209404	130396	1006209506	333176

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1006209506	131104ZZ	1006209558	333221	1006209612	333886	1006209661	333224
1006209509	131104	1006209559	133362	1006209613	138233	1006209666	234158
1006209509	333176	1006209560	333201	1006209618	137481	1006209667	137481
1006209509	131104ZZ	1006209560	131434	1006209618	333178	1006209669	233829
1006209510	131433	1006209560	333548	1006209618	137481Z	1006209669	233829Z
1006209510	131433Z	1006209561	136888	1006209619	131104	1006209670	139954
1006209513	131104	1006209563	131104	1006209619	333176	1006209670	333208
1006209513	333176	1006209563	333176	1006209619	131104ZZ	1006209671	230834
1006209513	131104ZZ	1006209563	131104ZZ	1006209620	230349	1006209671	333180
1006209516	131433	1006209564	136925	1006209621	136854	1006209671	230834Z
1006209516	333172	1006209565	139850	1006209621	333177	1006209672	137481
1006209516	131433Z	1006209565	333221	1006209621	136854Z	1006209672	333178
1006209517	131432	1006209566	131433	1006209621	136854ZZ	1006209672	137481Z
1006209519	132167	1006209566	333172	1006209622	230350	1006209675	139954
1006209520	1311994	1006209566	131433Z	1006209622	333229	1006209675	333208
1006209521	136723	1006209567	131104ZZ	1006209624	137483	1006209677	137481
1006209522	132168	1006209568	131433	1006209624	333191	1006209677	333178
1006209523	131995	1006209568	333172	1006209626	137170	1006209677	137481Z
1006209523	333577	1006209568	131433Z	1006209627	139013	1006209678	230835
1006209524	132079	1006209569	131434	1006209628	137480	1006209678	333189
1006209524	132079Z	1006209569	333548	1006209628	333179	1006209679	135085
1006209526	131104	1006209570	131104	1006209628	137480Z	1006209679	333203
1006209526	333176	1006209570	333176	1006209628	137480ZZ	1006209680	230340
1006209526	131104ZZ	1006209570	131104ZZ	1006209629	137981	1006209680	333215
1006209527	135569	1006209571	132204	1006209629	333216	1006209681	232623
1006209528	131104	1006209572	131104	1006209630	233831	1006209681	333564
1006209528	333176	1006209572	333176	1006209631	230835	1006209683	233840
1006209528	131104ZZ	1006209573	131104	1006209631	333189	1006209684	131104
1006209530	131104	1006209573	333176	1006209632	233838	1006209684	333176
1006209530	333176	1006209573	131104ZZ	1006209633	137483	1006209684	131104ZZ
1006209530	131104ZZ	1006209574	137170	1006209633	333191	1006209685	131104
1006209531	131104	1006209576	132216	1006209634	137888	1006209685	333176
1006209531	333176	1006209576	333174	1006209634	333192	1006209685	131104ZZ
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1006209533	136472	1006209578	333523	1006209636	137890	1006209690	137481
1006209534	133362	1006209579	135086	1006209636	333181	1006209690	333178
1006209535	136723	1006209579	135086Z	1006209637	137889	1006209690	137481Z
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1006209536	333176	1006209580	333226	1006209638	137481	1006209691	333196
1006209536	131104ZZ	1006209581	135715	1006209638	137481Z	1006209691	132205Z
1006209537	131433	1006209581	135715Z	1006209639	234271	1006209692	137483
1006209537	333172	1006209582	131104	1006209641	138875	1006209692	333191
1006209537	131433Z	1006209582	333176	1006209641	333183	1006209693	131104
1006209538	132205	1006209582	131104ZZ	1006209641	138875Z	1006209693	333176
1006209538	333196	1006209583	139850	1006209642	138322	1006209693	131104ZZ
1006209538	132205Z	1006209583	333221	1006209642	333214	1006209694	131104
1006209539	132205	1006209584	135716	1006209643	137890	1006209694	333176
1006209539	333196	1006209584	333194	1006209643	333181	1006209694	131104ZZ
1006209539	132205Z	1006209585	135085	1006209645	230828	1006209695	235440
1006209540	133230	1006209585	333203	1006209645	333571	1006209695	333186
1006209541	132204	1006209587	137265	1006209646	230352	1006209695	235440Z
1006209542	232481	1006209588	138874	1006209646	333553	1006209696	137483
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1006209543	333174	1006209591	134371	1006209648	136854	1006209699	136854
1006209543	132216ZZ	1006209591	134371Z	1006209648	333177	1006209699	333177
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1006209544	333174	1006209592	333544	1006209648	136854ZZ	1006209699	136854ZZ
1006209544	132216ZZ	1006209594	134371	1006209649	137480	1006209700	131104
1006209545	131433	1006209594	134371Z	1006209649	333179	1006209700	333176
1006209545	333172	1006209595	234806	1006209649	137480Z	1006209700	131104ZZ
1006209545	333548	1006209596	132216	1006209649	137480ZZ	1006209701	131104
1006209545	131433Z	1006209596	333174	1006209650	231009	1006209701	333176
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1006209548	131104	1006209597	131104	1006209652	137891	1006209702	131104
1006209548	333176	1006209597	333176	1006209652	137891Z	1006209702	333176
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1006209550	135164	1006209598	131104ZZ	1006209656	233828	1006209703	132216ZZ
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1006209552	134371	1006209600	333194	1006209657	230339	1006209704	333210
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1006209553	139850	1006209602	138252	1006209658	234806	1006209705	333176
1006209553	333221	1006209603	230639	1006209659	233839	1006209705	131104ZZ
1006209554	133362	1006209605	139013	1006209659	333184	1006209706	137483
1006209554	333201	1006209606	139013	1006209660	137888	1006209706	333191
1006209555	139336	1006209607	139954	1006209660	333192	1006209707	131104
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH <i>Continued</i>							
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1006209709	131104	1006209824	330265	1006209939	131104ZZ	1006210212	332949
1006209709	333176	1006209824	333188	1006209940	331010	1006210217	331504
1006209709	131104ZZ	1006209826	333888	1006209941	136614	1006210271	333926
1006209710	132216	1006209828	330125	1006209941	333544	1006210913	332949
1006209710	333174	1006209828	333581	1006209943	232623	1006334011	235173
1006209710	132216ZZ	1006209828	333866	1006209943	333564	1006384642	132079
1006209711	131104	1006209834	333355	1006209944	137483	1006384642	132079Z
1006209711	333176	1006209836	330125	1006209944	333191	1007010004	137173
1006209714	235200	1006209836	333581	1006209946	137890	1007010021	131063
1006209714	333872	1006209836	333866	1006209946	333181	1007010027	130688
1006209715	137483	1006209838	333853	1006209947	233720	1007010035	134116
1006209715	333191	1006209838	333925	1006209948	239633	1007010039	136915
1006209751	233720	1006209841	332915	1006209949	234141	1007010040	136914
1006209753	233841	1006209845	330125	1006209950	230828	1007010045	132216
1006209755	234141	1006209845	333581	1006209950	333571	1007010045	333174
1006209757	230339	1006209845	333866	1006209952	333872	1007010045	132216ZZ
1006209757	333200	1006209846	234247	1006209952	236854	1007010046	137270
1006209758	137480	1006209846	234247Z	1006209958	234946	1007010070	136970
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1006209758	137480ZZ	1006209850	333524	1006209960	234141	1007010093	235147
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1006209760	234293	1006209880	136854ZZ	1006209962	239967	1007010124	235742
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1006209762	138875	1006209905	131433	1006209964	333396	1007010135	235742
1006209762	333183	1006209905	333172	1006209965	333833	1007014100	BSX124
1006209762	138875Z	1006209905	131433Z	1006209966	330265	1007014105	BSX1494
1006209768	235425	1006209906	131104	1006209966	137888	1007014107	BSX344
1006209769	236854	1006209906	333176	1006209975	137888	1007014109	BSX354
1006209771	239633	1006209906	131104ZZ	1006209981	333234	1007014110	BSX434
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1006209791	234158	1006209914	137279	1006210100	235798	1007014129	BSX124F4
1006209792	234902	1006209916	135085	1006210103	333341	1007014130	BSX97F4
1006209792	333579	1006209916	333203	1006210106	333853	1007014134	BSX124F4
1006209793	234247	1006209917	135086	1006210106	333925	1007014137	BSX1464
1006209793	234247Z	1006209917	333235	1006210111	237667	1007014138	BSX1404
1006209794	235290	1006209917	135086Z	1006210111	333396	1007014139	BSX1494
1006209795	330007	1006209918	132216	1006210117	333872	1007014140	142325
1006209796	236832	1006209918	333174	1006210125	333872	1007014140	142334
1006209796	333198	1006209918	132216ZZ	1006210128	330265	1007014140	BSX151S4
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1006209798	333913	1006209919	333174	1006210141	333235	1007014143	142325
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1006209802	230828	1006209921	132216ZZ	1006210144	333579	1007014145	BSX1494
1006209802	333571	1006209922	139850	1006210145	131433	1009994029	238580
1006209804	234124	1006209922	333221	1006210145	333172	1100301003	140005
1006209804	333171	1006209923	135464	1006210145	131433Z	1104336702	232700
1006209804	234124Z	1006209923	333523	1006210146	330265	1104336702	333967
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2005855297	136559	2006209229	132364	2006209443	131106	2006209530	131065Z
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2005855338	136559	2006209246	131712	2006209449	333205	2006209536	235701
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2005855366	133490	2006209249	130409	2006209452	132702	2006209537	333230
2005855368	136559	2006209268	130416	2006209452	333209	2006209538	335041
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2005855373	136558	2006209282	231884	2006209457	333606	2006209540	137231
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2006209543	136509	2006383163	135861	2007014055	BSX1044	2339303227	333592
2006209543	333504	2006401527	130317	2007014056	BSX964	2339303229	136852
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2006382193	333173	2007014050	BSX964	2339303223	136369	2339303355	236516
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Cross reference list

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6033AC5050	142061	6033AD0206	234244	6033AD1109	234392	6033AD4034	333202
6033AC5059	142019	6033AD0209	234392	6033AD1110	231652	6033AD4034	139056Z
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6033AD4199	333419	9001082686	130396	9001337067	133195	9002338882	137162
6033AD4232	236130	9001082686	333521	9001337069	131989	9002453073	132273
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6033AD4240	231756	9001082748	333521	9001337081	132152	9003330116	232978
6033AD4240	333505	9001082749	132194	9001337082	131051	9003330205	237603
6033AD4243	233722	9001083327	138848	9001337085	137624	9003330314	B140249
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6033AD5025	239092	9001083373	140962	9001337091	139976	9003330901	140903
6033AD5055	237752	9001083392	139022	9001337094	139509	9003330902	140375
6033AD5078	237752	9001083406	132273	9001337095	234657	9003330903	140904
6033AD5097	BSX206-2074	9001083406	333227	9001337097	139976	9003330905	140911
6033AD5098	BSX206-2074	9001083433	141183	9001337098	139976	9003330906	140468
6033AD5126	BSX206-2074	9001083436	132273	9001338010	139499	9003331931	139700
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6033AD5138	239094	9001083444	130415	9001338029	231023	9003334020	130360
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6033AD5177	BSX216-2174	9001083502	131381	9001338056	231593	9003334025	132031
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9001042021	130404	9001320114	BS160	9002336209	132079Z	9003336268	135072
9001042032	130995	9001320118	BS175	9002336210	335040	9003336274	132542
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9001066242	133362	9001333441	231022	9002336219	230336	9003336283	131996
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9001082324	132194	9001336240	135985	9002336237	231756	9003336299	135074
9001082340	130396	9001336244	231083	9002336237	333185	9003337001	142325
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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9003337009	231751	BS100	BS100	F000AL1871	132194	396865	139418
9003337010	139699	BS102	BS102	F000AL1881	131996	398003	234211
9003338820	139499	BS104/0	BS104/0	F000AL1881	333514	398159	234471
9003338855	136995	BS134/0	BS134/0	F000AL1897	131065	4114	139395
9003338886	235534	BS135/0	BS135/0	F000AL1918	138904	490311	141052
9003338898	136790	BS139	BS139	F000AL1918	333584	490421	139418
9006033136	234087	BS140/0	BS140/0	F000AL1919	138899	490467	139417
9006033136	333218	BS144/0	BS144/0	F000AL1919	333301	490771	139418
9006033306	234087	BS145/0	BS145/0	F000AL1921	235281	491836	230399
9006033306	333218	BS148	BS148	F000AL2034	138201	495877	139417
900996289	131996	BS149	BS149	F000AL2034	333295	495878	139418
9122080698	138240	BS151S	BS151S	F000AL2035	137268	497603	234204
9123140308	137263	BS70/0	BS70/0	F000AL2050	139550	497605	230397
9330041001	233896	BS75/0	BS75/0	F000AL2050	333297	497606	230400
9330041005	130468	BS96	BS96	F000AL2051	139550	497608	141049
9330043002	131586	BSX116F4	BSX116F4	F000AL2051	333297	691293	230397
9330043002	333146	BSX121F4	BSX121F4	F000AL2281	333940	692024	234211
9330043502	131586	BSX128F4	BSX128F4	F000AL2630	333678	692034	234204
9330043502	333146	BSX157-1584	BSX157-1584	F000AL2814	333940	693059	139395
9330081028	131141	BSX159-1604	BSX159-1604	F000CD1114	333941	693713	235627
9330081028	333144	BSX1664	BSX1664	F000SH0102	134824	696539	139417
9330081030	130302	BSX190-1914	BSX190-1914	F000SH0102	333145	696540	139418
9330081039	130476	BSX192-1934	BSX192-1934	F000SH0108	133424		
9330081042	131053	BSX194-1954	BSX194-1954	F000SH0120	134824		
9330081042	333143	BSX1964	BSX1964	F000SH0120	333145		
9330081045	132254	BSX1974	BSX1974	F000SH0123	139498		
9330081045	333151	BSX202-2034	BSX202-2034	F000SH0123	333592		
9330081049	131586	BSX204-2054	BSX204-2054	F000SH0124	133424		
9330081050	132828	BSX208-2094	BSX208-2094	F000SH0125	137612		
9330081060	137693	BSX210-2114	BSX210-2114	F000SH0125	333590		
9330081061	137693	BSX212-2134	BSX212-2134	F000SH0127	230809		
9330081062	132265	BSX214-2154	BSX214-2154	F000SH0133	134824		
9330081064	139212	BSX218-2194	BSX218-2194	F000SH0133	333145		
9330081065	131143	BSX98F4	BSX98F4	F000SH0136	134824		
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9330141014	131794	F000AL1040	131104	F000SH0205	333795		
9330141018	131794	F000AL1040	333176	F002G20186	133184		
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9330141044	131791	F000AL1055	134868	F002G20278	132368		
9330142004	131053	F000AL1055	333290	F005M10053	230835		
9330142004	333143	F000AL1055	333643	F005M10053	333189		
9330142504	131053	F000AL1074	139011	F00M147001	231257		
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933A081030	130302	F000AL1680	333937				
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B134571	B134571	F000AL1692	333937				
B140011U	B140011U	F000AL1698	131104				
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B140221	B140221	F000AL1698	131104ZZ				
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						850148	136415
						850154	139896
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						C33024	234072

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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3E7859	230198	5933-820S	130900	6211-675E	230379	5206626	133428
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4H7869	232916	5936-264	139722	6211-70	230326	8133925	131590
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4Y0346	234875	6068-29	ASX144	6211-761	230327	3604230RX	131363
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5S6372	130542	6068-34	ASX194	6211-821	230446	DAIHATSU	
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9X1284	230744	6211-225	130137	6510-84	230441	28150-24061-000	130814
9X1285	230744	6211-225A	130137	A368	131657	28150-25010-000	130814
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		6211-26B	130136	NC7-17	230368	28150-34070-000	130814
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		6211-303	140173	NU11-5T1	139714	28150-56011-000	137033
		6211-303	B140173			28150-87203-000	130814
		6211-32	130851	CHRYSLER			
		6211-33	130851	1658883	139858	28150-87205-000	133723
		6211-369	139727	1692659	232905	28150-87505-000	133723
		6211-372	139715	1889799	232905	28150-87506-000	133723
		6211-375	130940	2084666	132741	28150-87701-000	131807
		6211-375B	131752	2095122	130536	28150-87714-000	138183
		6211-375G	134466	2095137	CHX101P	28150-87716-000	138183
		6211-375V	133909	2095145	CHX101P	28150-87719-000	138183
		6211-375Z	136158	2095219	131413	28160-64040-000	137978
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		6211-391	139618	2095606	139858	28251-87702-000	136887
		6211-39B	132595	2098360	130493	28254-64040-000	233546
		6211-39C	132595	2098986	140186	28254-77090-000	138569
		6211-39D	132595	2098987	140194	28254-87702-000	138570
		6211-437	139716	2275249	CHX101P	DELCO REMY → REMY (DELCO)	
		6211-447	230437	2275550	CHX101P	DENSO	
		6211-46A	130852	2444651	130536	021200-2120	132796
		6211-516	132600	2444658	130536	021200-3251	135590
		6211-517	132601	2525283	130552	021541-0231	231520
		6211-526	138784	2525287	130538	021541-0320	231520
		6211-548	ASX144	3202630	130499	021541-0321	231520
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		6211-548B	141060	3205022	130499		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DENSO <i>Continued</i>							
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021541-1080	133752	028099-3210	133355	028099-7880	136088	028200-2320	134370
021541-1081	133752	028099-3230	132865	028099-8590	136313	028200-2470	133713
021605-0490	235256	028099-3270	133353	028099-8672	132567	028200-2800	139701
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021660-0441	132570	028099-3310	132405	028099-8911	233689	028200-5040	137978
021660-0442	132570	028099-3380	135003	028099-8940	233689	028200-5050	235827
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028017-0050	135127	028099-3399	132568	028099-8961	139532	028200-5250	138675
028017-0060	135475	028099-3400	132044	028099-9130	135384	028200-5340	136862
028017-0070	135127	028099-3430	140396	028099-9131	135384	028200-5370	134370
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028099-3130	134806	028099-7750	139532	028200-2010	135824	028300-1842	132863
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028099-3150	138155	028099-7752	139532	028200-2140	134369	028300-1950	130442

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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028300-4320	132547	028300-7660	234720	028401-6490	231529	028530-0980	140566
028300-4330	134856	028300-7661	234720	028403-0060	140329	028530-0990	141240
028300-4390	133712	028300-7680	233456	028403-0070	141235	028530-0991	141240
028300-4410	133631	028300-7700	139653	028403-0073	141235	028530-1020	140566
028300-4420	132004	028300-7710	139083	028403-0081	140326	028530-1021	140566
028300-4471	133441	028300-7711	139083	028403-0081	B140326	028530-1030	140566
028300-4550	132942	028300-7720	137952	028403-0082	140326	028530-1031	140566
028300-4551	132942	028300-7760	139244	028403-0082	B140326	028530-1090	140963
028300-5040	133805	028300-7790	139653	028403-0130	140330	028530-1100	140963
028300-5090	132942	028300-7802	138566	028403-0131	140330	028530-5030	141240
028300-5091	132942	028300-7860	233456	028403-0139	140330	028530-5031	141240
028300-5180	133631	028300-7900	136744	028403-0200	141153	028530-5060	140570
028300-5200	234269	028300-7920	139845	028403-6310	234185	028530-5061	140570
028300-5300	134806	028300-7940	230856	028404-6201	136243	028531-0110	140356
028300-5300	134806Z	028300-7980	137753	028410-5010	139829	028531-0230	140359
028300-5340	132004	028300-7980	137753Z	028410-5040	139829	028531-0300	140359
028300-5350	132004	028300-7990	137753	028452-5010	139049	028531-0350	140359
028300-5380	138681	028300-7990	137753Z	028500-0550	133337	028531-0380	140360
028300-5381	138681	028300-8011	233641	028500-0551	133337	028531-0450	140362
028300-5400	234402	028300-8020	136795	028500-5660	233551	028531-0632	140361
028300-5450	233451	028300-8100	233456	028500-5700	233551	028531-0680	140363
028300-5450	333753	028300-8150	139653	028500-7250	233551	028531-0720	140396
028300-5490	132864	028300-8160	235497	028500-7340	233551	028531-0730	140396
028300-5650	138566	028300-8350	137753	028501-0970	136183	028531-0840	140364
028300-5651	138566	028300-8350	137753Z	028501-1240	138156	028531-0946	140362

STARTER COMPONENTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DENSO <i>Continued</i>							
028531-3510	140363	053400-3490	132641	053400-6380	234661	053659-7060	135342
028531-5050	140602	053400-3491	132641	053400-6500	131807	053659-7070	135343
028531-5630	140364	053400-3492	132641	053400-6550	131807	053660-0401	132563
028531-5650	140361	053400-3540	134413	053400-7050	230576	053660-0402	132563
028531-5651	140361	053400-3550	137567	053400-7120	230576	053660-0440	132563
028531-6390	JSX74-75-76-774	053400-3570	132641	053400-7130	133809	053660-0441	132563
028531-6400	JSX74-75-76-774	053400-3590	131807	053400-7140	138183	053660-0442	132563
028531-6410	JSX74-75-76-774	053400-3710	130814	053400-7220	131807	053660-0443	132570
028531-6420	JSX74-75-76-774	053400-3720	130814	053400-7300	230574	053660-0660	132570
028531-6660	140602	053400-3810	130814	053400-7301	230574	053660-7050	135865
028531-7331	JSX72-734	053400-3840	131807	053400-7310	137568	053660-7051	135865
028531-7340	JSX72-734	053400-3890	131807	053400-7311	137568	053660-7100	132563
028630-5010	137979	053400-3930	131807	053400-7321	137539	053660-7111	132570
028635-5010	136085	053400-3931	131807	053400-7650	131807	053660-7120	136374
028740-0490	139052	053400-3932	131807	053400-7800	135652	053660-7121	136374
028740-0540	139883	053400-3940	137566	053400-8110	137566	053660-7150	136901
028740-5010	133812	053400-4090	230576	053400-8111	137566	053660-7151	136901
028740-5060	139051	053400-4091	230576	053400-8112	137566	053660-7170	132570
028740-5140	139884	053400-4100	230576	053400-8113	137566	053660-7240	230221
028740-5150	139492	053400-4170	137980	053400-8160	234661	053660-7241	230221
028901-0080	231213	053400-4171	137980	053400-8510	135652	053660-7250	132563
028901-0290	231213	053400-4180	137980	053400-8690	133809	053660-7260	132563
028901-0361	233084	053400-4181	137980	053400-8730	133809	053660-7270	233375
028903-0010	231625	053400-4182	137980	053400-8740	133723	053660-7271	233375
053400-0130	137980	053400-4190	137980	053400-8750	138014	053660-7710	132563
053400-0150	131084	053400-4191	137980	053400-8780	133809	053665-0111	231552
053400-0903	234661	053400-4200	137567	053400-8800	230576	053665-7070	231552
053400-1040	130814	053400-4201	137567	053400-9130	230576	053665-7071	231552
053400-1041	130814	053400-4202	137567	053400-9131	230576	053665-7090	231733
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053400-1150	231997	053400-4212	137980	053400-9410	234681	081020-0011	234984
053400-1151	231997	053400-4340	230561	053400-9411	234681	127400-9730	234881
053400-1260	130814	053400-4341	230561	053400-9412	234681	128099-5160	138567
053400-1300	131807	053400-4430	232000	053400-9500	137566	128099-5240	139047
053400-1530	130814	053400-4431	232000	053400-9560	230576	128099-5241	139047
053400-1630	134413	053400-4432	232000	053400-9561	230576	128099-5250	234708
053400-1680	134413	053400-4530	132641	053400-9570	137566	128099-5350	234911
053400-1720	132641	053400-4540	137566	053400-9571	137566	128099-5360	133353
053400-1740	231997	053400-4610	137567	053400-9630	233951	128099-5400	138575
053400-1810	131084	053400-4640	232000	053400-9640	230576	128099-6312	332665
053400-1811	131084	053400-4642	232000	053400-9641	137980	128099-6740	140961
053400-1830	131084	053400-4643	232000	053400-9670	230576	128400-0050	234705
053400-1831	131084	053400-4700	137566	053400-9680	230576	128400-0280	134503
053400-1870	231997	053400-4730	137567	053400-9681	230576	128400-1570	137539
053400-1880	231997	053400-4731	138567	053400-9682	230576	128400-1571	137539
053400-1900	137033	053400-4753	230827	053400-9710	138420	128400-1620	230529
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053400-2090	134413	053400-4770	137567	053400-9751	234876	128400-1700	134510
053400-2120	231997	053400-4790	230576	053400-9890	233952	128400-5211	137448
053400-2160	131084	053400-4810	233951	053400-9891	233952	128400-5212	137448
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053400-2340	130814	053400-4900	138183	053404-0320	132878	128400-8531	139076
053400-2440	130814	053400-5000	134933	053404-7061	136033	128400-8532	139076
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053400-2540	131807	053400-5050	131807	053480-0090	131835	128400-8891	139076
053400-2550	137567	053400-5120	133723	053480-0100	131834	128400-8892	139076
053400-2551	131084	053400-5150	133723	053480-0110	132705	128400-9710	139782
053400-2557	131084	053400-5240	131807	053480-0380	131834	128401-1570	137539
053400-2600	137566	053400-5250	134933	053480-0430	135650	128401-1571	137539
053400-2740	132641	053400-5251	134933	053480-0431	135650	128401-1790	136182
053400-2790	230576	053400-5280	133675	053480-7100	137588	128401-5350	137448
053400-2870	132641	053400-5282	133675	053480-7220	131834	128401-8620	230899
053400-2880	130814	053400-5290	133675	053480-7300	135313	128800-3140	230386
053400-2950	137566	053400-5292	133675	053480-7320	131834	128800-3140	333281
053400-3000	231997	053400-5360	138878	053480-7430	131834	128953-0050	137858
053400-3010	231997	053400-5361	138878	053480-7510	137204	128953-0080	233868
053400-3060	230576	053400-5560	131807	053480-7550	137204	128961-0010	132894
053400-3061	230576	053400-5640	230576	053480-7670	137204	138977	B138977
053400-3062	230576	053400-5800	230576	053480-7790	230898	140554	B140554
053400-3080	230576	053400-5820	133723	053480-7900	231626	140583	B140583
053400-3081	230576	053400-6030	132641	053480-7901	231626	140774	B140774
053400-3090	137567	053400-6050	134413	053480-7950	231626	153400-0030	234075
053400-3330	130814	053400-6090	138813	053505-0290	231805	153400-0130	137980
053400-3340	131084	053400-6120	230561	053505-0620	231764	153400-0140	230576
053400-3350	130814	053400-6121	230561	053505-7080	231764	153400-0141	230576
053400-3370	231997	053400-6230	230576	053505-7140	231764	153400-0142	230576
053400-3410	130814	053400-6231	230576	053505-7150	233550	153400-0331	233703
053400-3470	230574	053400-6290	230576	053505-7260	231764	153400-0332	233703

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
153400-0540	137566	908012-0420	132893	DUCELLIER		606896	131797
153400-0740	230582	908012-0470	132891	072083	235088	606903	131010
153400-0850	133809	908041-0050	134484	073811	235088	606913	131010
153400-0860	131807	949006-3840	230721	074043	USX64-652	606916	131208
153400-0950	137980	949006-4930	230721	075244	USX64-652	606919	131208
153400-0951	137980	949006-5080	191531	078042	USX64-652	606927	131797
153400-0960	230576	949006-5670	231625	079238	235088	607084	USX76-77-78
153400-0961	230576	949013-8090	230058	079240	235088	607918	131007
153400-0970	230576	949013-8100	230059	079325	USX50-512	608299	132241
153400-0971	230576	949013-8110	233690	132147	B132147	608407	131007
153400-1010	138183	949042-2270	231627	140849	US60	60846	130424
153400-1011	138183	949042-2360	231374	1412	131010	608818	USX76-77-78
153400-1240	230576	949042-2570	231630	1414	131009	609477	130434
153400-1290	137980	949042-2860	234145	1424	131010	609592	USX73-852
153400-1291	137980	949042-2920	231374	1426	131010	609778	USX73-852
153400-1320	137566	949042-3170	231374	16866	132078	60991	130425
153400-1321	137566	949042-3260	231628	17946	131188	611509	132633
153400-1340	230582	949042-3520	231628	17952	131010	611734	131188
153400-1371	230827	949042-3741	231627	18678	130434	611736	130434
153400-1400	230827	949062-1010	132900	19252	USX73-852	611795	USX73-852
153400-1490	230576	949072-0400	138026	19256	130176	611942	131021
153400-1510	234992	949072-1320	136087	19567	130434	612117	131094
153400-1520	136886	949072-1360	136087	20795	132078	612355	130432
153400-1570	230576	949072-1580	136087	20856	USX73-852	618010	131010
153400-1640	138183	949100-1360	140222	22136	USX76-77-78	618136	131010
153400-1790	230561	949100-2500	140222	22225	130422	618206	130176
153400-1821	234915	949100-2760	140271	22405	131010	618220	131208
153400-1880	230582	949100-4120	140222	23276	130147	618242	132171
153400-1890	230582	949100-4840	140960	23283	USX73-852	618480	131010
153400-2080	230576	949100-5230	140222	28936	140264	618491	140849
153400-2230	233703	949100-5820	140222	28936	B140264	618509	USX50-514
153400-2240	230578	949100-6070	140222	581381	131007	618511	131010
153400-2250	230582	949100-6080	140222	583007	131010	618539	USX76-77-78
153400-2290	230576	949102-0070	140777	583036	131013	618570	USX682
153400-2310	137566	949103-0390	141237	583041	USX91-922	618686	133221
153400-2320	230574	949103-0540	140325	583079	133178	618687	130949
153400-2430	235859	949103-1320	140325	583159	131208	618691	USX91-922
153400-2510	234075	949103-1660	141238	583241	USX93-942/1	618692	USX91-922
153400-2540	234960	949103-2020	140325	583249	133228	618695	131009
153400-2650	230576	949103-2420	140778	583261	133120	618702	131797
153400-3690	230583	949103-3160	140333	583277	132181	618744	131021
153400-3750	136886	949103-3160	B140033	583289	132181	672541	140050
153400-3831	234419	949103-3600	140424	583307	132182	672541	B140050
153400-3980	234915	949103-3610	140425	583330	133121	680480	132241
153400-4040	230576	949103-3840	140426	583331	133120	680549	USX50-512
153400-4110	235067	949103-3850	140427	583333	133122	680558	133177
153400-4140	233703	949103-4320	140965	583335	133123	680559	131009
153400-4291	234143	949103-4330	140792	583336	132181	680560	131009
153400-4292	234143	949103-4340	141011	583342	133899	680565	133177
153400-4293	234143	949104-0990	140788	583348	140533	680566	131009
153400-4401	333003	949105-0100	140767	583357	132632	680589	131083
153400-4531	235098	949105-0110	140768	583363	132633	680663	130432
153400-4532	235098	949105-0160	140767	583372	140543	680952	131208
153400-6520	230582	949105-0200	140767	583486	133121	680955	131208
153400-6640	230576	949120-0240	132894	583618	133120	680958	133122
153400-7610	237806	949140-3440	133717	584185	135389	681378	130424
153400-8403	237531	949140-3680	138433	600609	140042	681380	130434
153400-9040	335049	949140-3700	132892	600609	B140042	681397	130422
182800-0930	133711	949140-4620	230147	600628	140042	681398	132078
182800-1040	133711	949140-5670	133717	600628	B140042	681411	131010
182800-1050	133711	949150-1050	135851	600664	140041	681438	131797
182800-1210	133711	949170-3371	137858	60111	131208	681898	131596
182800-1570	133711	949170-3380	135342	60116	131797	682102	131010
182800-3140	230386	949170-4030	137859	601476	140040	682115	131010
182800-3140	333281	949170-4040	132550	601476	B140040	682150	130432
191530	191530	949170-4070	138608	602039	140157	682244	131007
228400-3980	235332	949170-4260	135344	605028	130432	683117	132197
228400-4930	235096	949170-9100	133710	605055	130432	683262	133122
228401-5020	234144	949170-9770	135342	60556	USX50-512	683334	132170
23322-6T000	235313	949173-0461	132887	60567	USX50-514	683427	133121
27160-77090	132553	949173-0571	132551	605999	132171	683456	133122
28011-74011	136313	949173-0600	137700	606387	235769	683457	133122
28142-54070	140976	949173-0610	132552	606415	131188	683487	133120
28150-87512	138014	949340-0531	131838	606416	130434	683522	133123
281997-4070	137976	949340-0660	131837	606753	131009	683523	133123
312205-2A20	133809	949340-0820	131838	606858	131010	68412	140040
385300-480	140393			606892	131010	68412	B140040
480841-0010	132889			606893	131009	68430	140043
90801-10060	134633			606894	131010	68430	B140043

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DUCELLIER <i>Continued</i>							
68763	140667	12310	131790	480324	131767	3305-89	B140014
68902	140043	12320	131053	480410	232632	3350	131714
68902	B140043	12320	333143	480411	131056	3835-38	140269
68903	140043	12490	131141	480414	231970	3835-38	B140269
68903	B140043	12490	333144	480417	131770	9328	130920
701412	131009	12670	131370	480427	130535	9586-1	130920
701414	131009	12680	131371	480436	130535	FIAT	
701424	131010	12680	333156	480438	130536	130361	131437
701426	131010	12690	333152	480461	130537	4007952	140046
708289	131010	12690	131372Z	480466	136318	4007972	140046
74042	USX64-652	12700	333153	480467	132694	4045771	JSX134
75217	USX64-652	12700	131373Z	480468	131769	4047985	140049
75226	USX73-852	21391	130988	480476	133864	4059387	130735
75238	USX73-852	36505	131253	480476	130535	4059435	130735
760111	131208	36510	131254	481999	130535	4073327	131437
761475	131797	36625	131080	E480320	131768	4073339	131437
777265	131208	36630	130492	E480321	130539	4073386	JSX204
79692	130434	72006	138927	E480321	130539Z	4073396	140211
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94909	140257	8020067000	136709	60002RSRC3	140271	4114442	140047
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06548	130332	10533	133545	17061-3	130737	4189399	132202
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FORD <i>Continued</i>							
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D4HF11350BA	130539	ETTZ11450A	231930	SB335	136635	71469-77B	231811
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D4HF11350AA	131056	F0FZ11350A	231961	SB348	136635		
D5AF11350AA	130535	F0FZ11K190A	231154	SB353	136635	HELSELMAN	
D5AZ11390A	131396	F0JY11135A	140758	SB356	136635	SW80-751PE	138684
D6AF11448AA	140242	F0TZ11355A	136637	SB417	132917	SW80-753PEE	138685
D6AZ11135A	140242	F0TZ11355H	136637	SBE324	133339		
D6FF11350AA	133864	F1DU10576A	136250	SBE325	135467	HINO	
D6PF11A108BA	130535	F1RU11A160AB	230743	SBE334	135467	28111-1130	140835
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D7AZ11059A	132742	F2TZ11049B	231142	SD175	130535	28142-1310	140829
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D8AF11059A	132742	F3RZ11061A	136635	SD302	130535	2814C-46013	140358
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E90Z11390A	136632	MC206	140192	SZE888	231456	2114-1352	140315
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E90Z1K190A	136641	MC442	140842			2114-1452	140306
E9OZ11005A	136634	MC445	141075	GENERAL MOTOR		2114-15002	132447
E9OZ11061A	136635	MC93	140193	90273737	131104ZZ	2114-15003	132311
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E9OZ11061C	136635	MCE443	135574	90421772	136255	2114-15006	132447

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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2114-15502	140222	2114-33111	132424	2114-47009	132698	2114-65001	131085
2114-15503	132311	2114-33122	140334	2114-47503	132094	2114-65004	131086
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2114-15508	132448	2114-33127/43127	140922	2114-47610	138364	2114-65509	137752
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2114-17616	132094	2114-37001	131144	2114-5312/5313	140334	2114-6963	135975
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2114-23104	137750	2114-37613	138170	2114-55002	140222	2114-73105	137121
2114-23106	137121	2114-37673	138170	2114-55003	132449	2114-73122	140786
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2114-29003	140336	2114-45504	131986	2114-63121/83121	140786	2114-83124	140334
2114-29006	133611	2114-45508	136144	2114-63123	140786	2114-83124/83121	140933
2114-29007	132090	2114-45511	140222	2114-63123/83121	140786	2114-83125	140852
2114-31009	132454	2114-45550	132001	2114-63124	140334	2114-83126	140986
2114-31109	138701	2114-4661	140310	2114-63124/83124	140334	2114-8313	140336
2114-31200	235337	2114-4661	B140310	2114-63125	140852		
2114-3158	133609	2114-47001	131144	2114-63126	140953		
2114-3215	231297	2114-47005	132093	2114-6313	140336		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HITACHI <i>Continued</i>							
2114-84102	137935	2114-T7111	132093	2130-23112/73111	140567	2130-57011	230558
2114-85008	132001	2114-T7160	139784	2130-2312	140595	2130-57012	133043
2114-85501	135091	2114-T7208	138364	2130-25001	131985	2130-5820	139594
2114-85501	135091ZZ	2114-T7306	139784	2130-25002	131985	2130-61003	132798
2114-8661	140311	211N-4700Y	130811	2130-25005	137277	2130-61004	233886
2114-8661	B140311	2120-1311	140376	2130-2501	133042	2130-62102	139176
2114-8700	132058	2120-1312	140376	2130-2503	135010	2130-63015	230636
2114-87002	131800	2120-15501	133361	2130-25032	135010	2130-63022	133730
2114-87003	131144	2120-25001	131985	2130-2509	135188	2130-63112	140567
2114-87004	131800	2120-25002	131985	2130-26007	234479	2130-6312	140597
2114-87008	131144	2120-2601	140316	2130-2601	140313	2130-6312/9311	140597
2114-87504	132094	2120-2601	B140316	2130-2601	B140313	2130-6313	133731
2114-87505	132094	2120-2700	234555	2130-26100	235658	2130-65001	132450
2114-87507	132094	2120-27002	131431	2130-27001	132059	2130-65002	133266
2114-87601	138366	2120-3312/2130-3311	140595	2130-27003	133047	2130-65006	235501
2114-87603	231910	2120-3500	131984	2130-27006	135008	2130-65008	135091
2114-87611	138366	2120-35001	131984	2130-2914	235313	2130-65008	135091ZZ
2114-87613	132094	2120-37002	131431	2130-3100	132457	2130-6502	132459
2114-88004	231391	2120-37003	131431	2130-31002	132456	2130-6503	133042
2114-88100	137932	2120-4302	140318	2130-31003	132798	2130-6700	132059
2114-88101	137933	2120-4311	140376	2130-31004	137092	2130-67004	133043
2114-88504	230246	2120-4401	140317	2130-3302	140227	2130-67005	133750
2114-89001	132424	2120-4401	B140317	2130-3311	140595	2130-67007	235076
2114-89007	132090	2120-45001	133266	2130-3315	140379	2130-6913	136111
2114-91001	133031	2120-45002	131985	2130-3451	140457	2130-7100	132457
2114-91008	132454	2120-47002	131431	2130-35001	131984	2130-7300	137936
2114-91104	134121	2120-5305	132425	2130-35004	133437	2130-73014	137836
2114-93101	133332	2120-5312	140376	2130-35009	133605	2130-73021	133730
2114-93102	137750	2120-5312/7311	140376	2130-3503	132003	2130-73022	133730
2114-93104	139166	2120-55002	131985	2130-3509	140222	2130-7305	133057
2114-93121	140933	2120-57002	131431	2130-3509	131144	2130-7311	140595
2114-93121/13123	140336	2120-6312/2130-7311	140377	2130-37004	133749	2130-73111	140567
2114-93121/83121	140336	2120-6312/8311	140377	2130-37005	138809	2130-73112	140567
2114-93122	140786	2120-67002	131431	2130-37008	133749	2130-7312	140379
2114-93122/83121	140336	2120-6810	233603	2130-37010	235076	2130-7500	132453
2114-9314	231298	2120-7311	140376	2130-3913	136111	2130-75002	133605
2114-9352	140311	2120-7312	140339	2130-3917	230714	2130-75003	133605
2114-9352	B140311	2120-7312/9311	140339	2130-41003	136248	2130-75004	135091
2114-95002	131086	2120-7500	131984	2130-41004	132798	2130-75004	135091ZZ
2114-95007	131852	2120-75002	131985	2130-4102	132798	2130-7502	132459
2114-95014	137413	2120-7530	131984	2130-42101	234099	2130-7550	131984
2114-95015	230054	2120-7550	131984	2130-43015	137836	2130-75504	133605
2114-95501	133042	2120-85001	131985	2130-4305	133334	2130-7605	135836
2114-95502	140226	2120-85002	131985	2130-4311	140595	2130-77001	133047
2114-95508	132002	2120-9311	140339	2130-43111	140567	2130-77005	133750
2114-95553	132001	2120-9500	131985	2130-43112	140567	2130-77008	139164
2114-9601	140995	2120-97001	132059	2130-4312	140595	2130-7913	137302
2114-9601	B140995	2120M-5700Y	130811	2130-4312/7311	140595	2130-81004	233886
2114-9661	140660	2120M-8700Y	130811	2130-45002	132918	2130-82101	135101
2114-9661	B140660	2130-11001	137092	2130-45009	333974	2130-8220	234099
2114-97004	131800	2130-1101	132456	2130-4502	132459	2130-8311	140378
2114-97503	131800	2130-12001	135101	2130-46005	138613	2130-8312	140377
2114-97509	133047	2130-13022	133730	2130-46102	234479	2130-8313	133731
2114-97601	139832	2130-1306	133730	2130-4615	137301	2130-85003	133605
2114-97604	139784	2130-1310	140313	2130-47001	131144	2130-85004	133605
2114-97605	138823	2130-1310	B140313	2130-47005	138739	2130-8502	233887
2114-97612	138170	2130-13111	140379	2130-47008	139164	2130-8503	230557
2114-97615	132094	2130-13111/3315	140379	2130-47009	230558	2130-8700	133043
2114-98100	137933	2130-13111/7312	140379	2130-47012	132059	2130-87005	135008
2114-99001	133333	2130-1312	140595	2130-51002	132798	2130-87007	132093
2114-99008	133333	2130-1312/3311	140595	2130-51003	132798	2130-87008	139164
2114I-1700	133044	2130-15005	135718	2130-53021	133730	2130-91002	132798
2114M-4700Y	130811	2130-15007	132459	2130-53022	133730	2130-9210	135101
2114N-1150	130440	2130-1503	135271	2130-53112	140567	2130-92102	135101
2114N-1550	130440	2130-15505	135718	2130-5312	140378	2130-93021	133730
2114N-1560	130440	2130-16008	234479	2130-5312/2250	140378	2130-9305	133730
2114N-1750	130811	2130-17002	132059	2130-5312/8311	140378	2130-9311	140597
2114N-3550	131783	2130-17004	133043	2130-5312/9312	140378	2130-9312	140378
2114N-4550	130440	2130-17007	235076	2130-5313	231487	2130-9500	133361
2114N-4700	130811	2130-17010	138739	2130-5500	132453	2130-95003	133606
2114N-47004	130811	2130-17011	333843	2130-55005	133266	2130-95007	135091
2114N-4700Y	130811	2130-1914	135722	2130-5502	132459	2130-95007	135091ZZ
2114-T7012	132058	2130-21003	132798	2130-5509	140226	2130-96101	235456
2114-T7101	132093	2130-22001	231167	2130-56100	230665	2130-97003	132093
2114-T7103	132421	2130-22102	135101	2130-5615	137301	2130-97004	133749
2114-T7104	132093	2130-2250	140378	2130-57001	133047	2130-97006	133047
2114-T7106	139784	2130-2306	133730	2130-57003	138363	2130-97008	133750
2114-T7107	132094	2130-23111	140377	2130-57004	133043	2130-9820	230715
2114-T7108	132094	2130-23112	140567	2130-57005	135370	2140-1500	137277

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2140-15003	137277	2250-45006	333931	31204-ZA0-003	133711	35850-KBB-900	234860
2140-1502	132459	2250-47002	132423	31204ZG4801	331918	35850-KW1-900	235595
2140-15026	132459	2250-47007	139851	31206-657-671	137350	35850-MCG-00	235594
2144-66500	231852	2250-52002	134346	31206-HA0-0040	133715	35851-KBB-900	235593
2144-83121	140336	2250-5210	134346	31206-P62-661	135790	35851-MF5-751	235595
2210-17002	233122	2250-5310	133057	31206-PE0-005	133849	35851-MFS-751	235595
2210-31001	136189	2250-5322	140378	31206-PR4-0030	136897	35860-KGA-940	235595
2210M-5700	233122	2250-5323	140378	31206-ZA1-003	133713	91301-ZA1-003	133717
2214-25550	132001	2250-550	133266	31207-634-005	131085		
2240-1310	133730	2250-55002	131985	31207-657-006	130441		
2240-1311	140379	2250-5700	132914	31207-657-671	132796	IKO	
2240-1311/1312	140379	2250-57003	230697	31207-PC2-661	134370	BA136ZOH	141065
2240-1312	140379	2250-57006	232263	31207-PR4-0030	136896	TLA1010Z	140482
2240-1314	231487	2250-6105	132847	31207-ZA1-003	133714	TLA1210Z	140242
2240-1501	139843	2250-62002	134346	31207-ZA1-033	133714	TLA1212Z	140494
2240-1511	233438	2250-6323	140378	31208-657-040	140362	TLA141912ZE01	140876
2240-1700	235814	2250-6500	133266	31208-657-300	140362	TLA1512Z	140495
2240-1900	135187	2250-65002	133266	31208-657-671	140362	TLA1812Z	140375
2240-1914	135722	2250-67003	132423	31208-POG-A01	232311	TLA1816Z	140197
2240-2100	138830	2250-71002	133056	31208-PC2-671	133661	TLA2012Z	140457
2240-2310	133730	2250-72002	134346	31208-PR4-0030	138419	TLA2212Z	140381
2240-2500	139841	2250-7210	134346	31209-590-004	140363	TLA2220Z	140733
2240-2501	234866	2250-7310	133057	31209-PC2-661	138156	TLA3016Z	141040
2240-2550	139842	2250-7323	140378	31209-PC2-671	138156	TLA59Z	140617
2240-2650	231287	2250-7500	133266	31209-PDI-0040	231601	TLA69Z	140619
2240-2700	235814	2250-77003	132914	31210-P01-005	234162	TLA810Z	140468
2240-3100	333059	2250-77006	139851	31210-P0A-004	232004	TLA910Z	140935
2240-3310	133730	2250-82002	134346	31210-P13-904	234159	TLAM01515	140738
2240-3550	133904	2250-8205	134346	31210-P2A-004	234160		
2240-3615	231286	2250-8323	140378	31210-P2A-901	230018	INA	
2240-4310	233637	2250-85004	132453	31210-P2C-004	234160	BK1014RS	140919
2240-4500	135719	2250-85005	133058	31210-P2C-901	230018	BK1210B	141263
2240-4550	139842	2250-87004	132423	31210-P2C-J61	232003	F-123459.2	141225
2240-4559	139842	2250-92001	134346	31210-P2J-J61	232003	F-203215	140198
2240-4701	234868	2250-95001	133058	31210-P30-005	234162	F-203978	140972
2240-5500	139843	2250-95003	131985	31210-P5M-004	234161	F-219005	140807
2240-5510	139844	2250-9550	132845	31210-P8A-A01	232003	F-220469	140971
2240-5511	233438	2250-97001	234556	31210-PA0-006	140363	F-221604	140919
2240-5550	139842	2250-97003	132423	31210-PC2-006	133076	F-229411	141084
2240-5700	136141	2250-97006	232263	31210-PC2-016	133290	F-231294	141256
2240-6501	234866	2250I-9700	132914	31210-PC2-026	133076	F-232542	140242
2240-6901	231391	2250-I9700	132914	31210-PD0-26	133076	F-235208	142001
2240-7500	135719	2250M-4700	132914	31210-PD2-006	133290	F-235208.02	142001
2240-7550	233437	2250-M4700	132914	31210-PD2-016	133290	F-91916	140198
2240-8500	139841	2270-3100	133056	31210-PD2-026	133076	FC66624	140242
2240-8501	333973	2270-3502	140311	31210-PE1-171	133076	HK1012	141001
2240-9500	139841	2270-37001	134812	31210-PE1-671	133076	NK10/12TN	140903
2250-13015	133057	2270-8500	133058	31210-PEL-004	237404	SCB1210B	140717
2250-1324	140337	2280-1312	141023	31210-PT0-004	138009	SCE1012	141015
2250-1451	140495	2280-1312/1313	141023	31210-PT0-01	137023	SCE116	140920
2250-17002	132423	2280-1313	141023	31210-PT0-9050	138009	SCE1210	140717
2250-17005	139851	2280-3500	133266	31210-PAA-A02	232004	SCE146B	140750
2250-17007	234556	2310-31001	136189	31211-PC2-661	136887	SCE78	140421
2250-21001	133056	23319-M0111	140320	31211-PH9-004	140602	SCE98	141209
2250-23015	133057	23378-10G100	133730	31212-PH9-004	133810	SD30X37X4	230335
2250-2323	140337	2608-8401	140312	31213-ZE2-0030	139455		
2250-2323/4322	140337	6000J	140271	31215-634-005	140336		
2250-25002	131985	94021408	140334	31215-657-006	135127	ISKRA	
2250-25003	133058	9402-1408	140334	31215-ZA1-003	140566	11.250.121	131370
2250-25004	133058	94021409	140334	31215-ZA1-013	140566	11.250.121	333160
2250-27002	132914	9402-1409	140334	31215-ZE2-0030	140570	11.250.142	131370
2250-27003	132423	GSB107-1100	235632	31216-634-005	140336	11.250.142	333160
2250-27006	232263			31218-P64-N010M	231732	11.250.147	333742
2250-32001	134346	HONDA		31218-ZG4-801	135802	11.250.187	333669
2250-3323	140378	21231-ZE2-0030	133709	31219-ZE2-003	133710	11.900.057	132906
2250-34001	137459	30202-PH9-004	136088	31220-P5A-005	231983	11.902.808	333908
2250-35001	131985	31202-ZA1-003	133716	31220-PY3-024	231983	11.911.910	333989
2250-35002	131984	31203-PA5-911	139883	31231-671-0050	133332	15.100.092	130419
2250-35004	131985	31203-PE0-661	134503	31231-PA0-060	140363	15.100.092	333173
2250-3601	140489	31203-PH9-004	133812	31231-PD4-0050	133333	15.100.092	130419Z
2250-37001	132423	31204-634-005	131800	31231-PH9-004	133808	15.100.152	130418
2250-37005	132423	31204-634-670	132058	31231-ZE2-0030	133709	15.100.152	333175
2250-37008	234869	31204-634-671	132058	31232-PA0-006	136713	15.100.154	131167
2250-42002	134346	31204-PA5-911	133675	31233-ZE2-0030	133708	15.120.010	140977
2250-43015	133057	31204-PA5-991	133675	31235-PE0-6620	137592	15.120.010	B140977
2250-4305	132425	31204-PC1-004	133675	31235-PE1-6720	233083	15.120.011	140026
2250-4322	140337	31204-PD1-003	134284	31235-PR4-A010M	233083	15.120.011	B140026
2250-45003	132453	31204-PD4-005	133044	31271-634-0050	135478	15.120.012	140006
2250-45004	133058	31204-PM3-J010M	137753	35850-KAS-930	235596	15.120.012	B140006
						15.120.014	140140

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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15.120.014	B140140	16.902.152	235092	16.906.642	139522	1-81151012-0	132495
15.120.022	140040	16.902.379	333674	16.906.653	234943	1-81151013-0	132495
15.120.022	B140040	16.902.507	333682	16.906.658	135092	1-81151030-0	132495
15.120.087	140040	16.902.653	333683	16.906.819	233765	1-81151037-0	138896
15.120.087	B140040	16.902.808	333908	16.906.836	231012	1-81151044-0	138896
15.120.089	140996	16.902.816	234984	16.907.055	134042	1-81151047-0	132495
15.120.094	140010	16.902.835	333756	16.907.197	333682	1-81151048-0	132495
15.120.094	B140010	16.902.854	333912	16.907.455	333680	1-81151054-0	133047
15.120.095	140019	16.903.087	136969	16.907.753	333777	5-81110011-0	137350
15.120.095	B140019	16.903.095	233764	16.908.037	235094	5-81111001-1	137350
15.120.153	140977	16.903.130	131267	16.908.097	230853	5-81112015-0	234099
15.120.153	B140977	16.903.166	139521	16.908.135	333909	5-81113036-0	136935
15.120.155	140977	16.903.392	234270	16.908.352	333909	5-81116008-0	140336
15.120.155	B140977	16.903.695	333905	16.908.491	130302	5-81116009-0	140336
15.120.161	140310	16.904.400	235797	16.908.607	141093	5-81116017-0	132425
15.120.161	B140310	16.904.676	333668	16.908.624	235093	5-81116021-0	133334
15.120.243	140977	16.904.776	333681	16.908.665	141093	5-81116029-0	140550
15.120.243	B140977	16.904.847	231623	16.909.002	130418	5-81116030-0	140550
16.110.010	131443	16.904.894	333911	16.909.002	333175	5-81118012-0	133057
16.120.010	140977	16.905.063	BSX1314	16.909.012	BSX1314	5-81118021-0	140379
16.120.010	B140977	16.905.108	J SX162	16.909.013	130317	5-81118022-0	133661
16.150.010	130304	16.905.143	139634	16.909.013	333732	5-81118038-0	133333
16.150.010	333155	16.905.159	139988	16.909.041	BSX1304	5-81119001-0	140337
16.360.068	130320	16.905.171	230854	16.909.070	130417	5-81119012-0	140313
16.360.198	138260	16.905.218	J SX134	16.911.403	333679	5-81119015-0	140377
16.360.277	138670	16.905.225	J SX52	16.911.538	333902	5-81119016-0	140377
16.360.322	130119	16.905.226	BSX964	16.915.546	335047	5-81121002-1	137092
16.360.324	131309	16.905.229	231014	16902816	234984	5-81121016-0	132457
16.360.325	131075	16.905.233	140982	17.120.057	140050	5-81121029-0	134369
16.360.326	130319	16.905.235	BSX157-1584	17.120.057	B140050	5-81121031-0	132796
16.360.333	130120	16.905.240	230853	17.120.203	140436	5-81121046-0	135649
16.360.402	138212	16.905.244	139634	17.120.203	B140436	5-81123010-0	139455
16.360.404	138831	16.905.247	142325	17.120.305	140435	5-81123011-0	138570
16.360.539	131311	16.905.247	142334	17.120.305	B140435	5-81123034-0	133805
16.360.576	131116	16.905.247	BSX151S4	17.900.295	140007	5-81123036-0	132448
16.360.703	138831	16.905.294	BSX1024	18.100.021	131714	5-81124003-0	132863
16.360.901	137093	16.905.375	142326	18.100.023	130417	5-81124004-0	132942
16.361.103	230855	16.905.375	BSX135-1454	18.100.098	130417	5-81124006-0	132863
16.361.897	233991	16.905.376	BSX134-1444	18.100.104	130722	5-81129008-0	140487
16.670.012	133554	16.905.380	BSX1004	18.500.044	130130	5-81129009-0	140485
16.670.012	333154	16.905.384	130127	18.500.803	130325	5-81129056-0	135478
16.670.073	130282	16.905.386	131134	18.500.806	130325	5-81129119-0	135343
16.670.119	131053	16.905.387	BSX344	18.500.807	130322	5-81129143-0	140517
16.670.119	333143	16.905.388	BSX344	18.500.808	130323	5-81151003-0	231735
16.670.124	130806	16.905.389	BSX354	18.900.179	132075	5-81151008-0	132914
16.670.127	130281	16.905.391	130128	922H6	133860	5-81151012-0	231735
16.770.295	140918	16.905.392	BSX964	ARD1133	131370	5-81151013-0	231735
16.900.038	130740	16.905.395	130303	ARD1133	333160	5-81151015-0	132059
16.900.057	132906	16.905.395	333664	IKSX12	J SX162	5-81151029-0	132059
16.900.068	133231Z	16.905.395	130303Z	IKSX124	IKSX124	5-81151030-0	132423
16.900.089	132764	16.905.402	134042	IKSX42	J SX52	5-81151031-0	132914
16.900.117	137281Z	16.905.418	135092	ISUZU			
16.900.151	235621	16.905.421	J SX162	1-81116006-0	140448	5-81151036-0	132498
16.900.254	136969	16.905.423	134042	1-81116017-0	140337	5-81151038-0	133482
16.900.284	137281Z	16.905.426	133983	1-81116018-0	140337	5-81151049-0	135676
16.900.392	133860	16.905.439	IKSX2-32	1-81116021-0	140488	5-81151054-0	133047
16.900.408	133860	16.905.524	134042	1-81116022-0	140488	5-81151058-0	132423
16.900.541	133860	16.905.621	131074	1-81116023-0	140378	5-81151058-1	132423
16.900.879	136969	16.905.645	140981	1-81116024-0	140378	5-81151103-0	132423
16.900.880	234268	16.905.688	140978	1-81116035-0	140551	8-10469039-0	232219
16.900.920	130414	16.905.693	231014	1-81116041-0	140549	8-11530018-0	132059
16.900.920	333516	16.905.695	140979	1-81116042-0	140549	8-94028460-0	140597
16.900.920	130414Z	16.905.754	139522	1-81116043-0	140549	8-94115568-0	132001
16.900.920	130414ZZ	16.905.764	234985	1-81116043-0	140549	8-94115569-0	132459
16.900.922	133860	16.905.767	BSX1024	1-81121007-0	132534	8-94125889-0	133631
16.900.935	132273	16.905.810	134042	1-81121028-0	136189	8-94136900-0	140567
16.900.935	333227	16.905.814	139523	1-81121033-0	132536	8-94136901-0	133730
16.901.392	133860	16.905.832	140974	1-81121044-0	138675	8-94137713-0	135101
16.901.408	133860	16.905.950	IKSX2-32	1-81122029-0	133266	8-94149250-0	133605
16.901.512	139519	16.905.973	140981	1-81123034-0	235211	8-94152930-0	140379
16.901.657	235850	16.906.015	139634	1-81123035-0	235140	8-94152967-0	138830
16.901.658	138866	16.906.171	230854	1-81129030-0	140450	8-94152969-0	134346
16.901.694	139520	16.906.266	140978	1-81129041-0	140449	8-94152970-0	140379
16.901.722	232482	16.906.345	141093	1-81129178-0	231487	8-94152972-0	231487
16.901.751	234984	16.906.368	141030	1-81129286-0	140520	8-94152973-0	140379
16.901.752	230280	16.906.372	141031	1-81129291-0	140521	8-94152980-0	231287
16.901.769	234267	16.906.373	141032	1-81129397-0	140517	8-94152981-0	136141
16.902.036	333910	16.906.374	142041	1-81151008-0	134630	8-94167426-0	137978
16.902.098	235828	16.906.542	139522	1-81151011-0	132495	8-94167427-0	233546

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
8-94167430-0	137021	JAPANESE		JASX63	140360	NP-1	140582
8-94170206-0	135790	FBH-2	140306	JASX64-65-67	140933	NP-1B	140579
8-94170207-0	134370	FBH-25	140307	JASX66-67	140336	NP-2	140583
8-94170213-0	136887	FBH-26	140308	JASX69-70	140347	JOHN DEERE	
8-94172328-0	134510	FBH-3	140309	JASX70	140347	AL19229	130118
8-94178037-0	140519	FBH-31	140310	JASX71	140388	AL25273	137617
8-94178042-0	140949	FBH-32	140311	JASX74	140567	AL41524	130301
8-94208296-1	131783	FBH-34	140312	JASX74-75	140379	AL55043	131313
8-94208303-0	132058	FBH-38	140313	JASX77-78	140364	AL55046	130301
8-94218767-0	133031	FBH-4	140314	JASX80-81	140338	AM103290	234070
8-94218772-0	132058	FBH-41	140489	JASX82-83	140349	AM30182	133855
8-94228453-0	132698	FBH-5	140315	JASX84	140362	AR90074	132641
8-94228460-0	140597	FBH-6	140316	JASX85	140363	L41582	132226
8-94228464-0	140597	FBH-7	140317	JASX86-87	140932	RE501910	234947
8-94239105-0	138355	FBH-8	140318	JASX88	140361	RE503358	233723
8-94239115-0	136713	FBM-10	140319	JASX89	140396	RE508815	234947
8-94242059-0	132798	FBM-16	140320	JASX90	140348	T19510T	140186
8-94242060-0	135101	FBM-16B	140320	JASX91	140708	KAWASAKI	
8-94242061-0	140379	FBM-16RF	140466	JASX92-93	140595	13168-2131	139051
8-94242064-0	133731	FBM-18	140321	JASX94-95	140337	KIA	
8-94242065-0	140379	FBM-18	140321	JASX96-97	141273	35137-32510	133403
8-94242064-0	133731	FBM-27	133390	JASX98-99	140387	36102-11130	134952
8-94242071-0	135953	FBM-28	140322	JHTSX-11	140376	36102-11140	134952
8-94324622-0	135010	FBM-32	140323	JHTSX-17	140334	36110-21740	135485
8-94334787-0	132003	FBM-36	140428	JHTSX-2	140335	36111-32510	139203
8-94334978-0	231286	FBM-37	140430	JHTSX-25	140595	36114-11130	133463
8-94337444-0	135008	FBM-38	140429	JHTSX-28	140336	36120-11130	133289
8-94361908-0	133809	FBM-39	140555	JHTSX-29	140337	36120-11140	133289
8-94367770-0	230057	FBM-40	140428	JHTSX-30	141023	36120-21740	133288
8-94367772-0	137950	FBN-1	140325	JHTSX-31	140338	36120-32510	133289
8-94367783-0	139492	FBN-10	140325	JHTSX-33	140339	36130-32510	135468
8-94367791-0	139049	FBN-14	140326	JHTSX-34	140377	36131-11140	133463
8-94377249-0	138419	FBN-17	140328	JHTSX-36	140378	36139-11140	132005
8-94377252-0	137753	FBN-25	140329	JHTSX-37	140379	36139-11140	132005Z
8-94377252-0	137753Z	FBN-27	141235	JHTSX-38	140334	36139-32510	136895
8-94377253-0	136896	FBN-28	140330	JHTSX-39	140378	36140-32500	138579
8-94377254-0	136897	FBN-33	140333	JHTSX-40	140567	36141-32510	135341
8-94377258-0	137955	FBN-34	140325	JHTSX-43	140597	36143-32510	139200
8-94377259-0	137953	FBN-35	140424	JHTSX-44	140379	36145-25010	333745
8-94381931-0	135802	FBN-36	140425	JHTSX-7M	140340	36145-2A000	333479
8-94424388-0	133730	FBN-38	140426	JHTSX-8M	140340	36145-32510	132011
8-94435561-0	132798	FBN-39	140427	JHTSX-9M	140341	36150-11150	134736
8-94435563-0	137277	FBNK-1	140485	JMTSX-11	140345	36150-32500	136334
8-94435567-0	135188	FBNK-16	140449	JMTSX-24	140385	36150-32510	136334
8-94435568-0	135008	FBNK-17	140450	JMTSX-31	140346	36160-11140	136135
8-94435570-0	137301	FBNK-20	140487	JMTSX-36	140347	36160-32500	136894
8-94455181-0	136088	FBNK-25	140517	JMTSX-36N	140556	36160-32510	136894
8-94478862-0	140379	FBNK-29	140519	JMTSX-46	140395	36162-21720	136946
8-94478863-0	133730	FBNK-30	140520	JMTSX-48	140348	36164-21720	136947
8-97025677-0	234868	FBNK-31	140521	JMTSX-49	140349	36169-32510	133341
8-97161789-0	234869	FBNK-32	140517	JMTSX-49N	140349	36169-32510	333636
8-97161793-0	234866	HP-2	140584	JMTSX-55	140387	36170-21740	135467
8-97377253-0	136896	JASX1	140566	JMTSX-56	140388	36170-32500	133341
9-82111631-0	140340	JASX10-11	140963	JMTSX-57	141273	36170-32500	333636
9-82111632-0	140340	JASX14	140356	JMTSX-71	141037	36173-11140	140349
9-82111644-0	140341	JASX15-6	140340	JMTSX-72	140931	36182-21740	140555
9-82111645-0	140341	JASX22	140359	JMTSX-9	140391	KOHLER	
9-82111646-0	140376	JASX24-25	140841	JNDSX-12	140356	8275548	140714
9-82111647-0	140376	JASX26-27	141023	JNDSX-13	140357	KOMATSU	
9-82111651-0	140376	JASX29	140391	JNDSX-18	140358	02837-11500	138569
9-82111652-0	140376	JASX32-33	140341	JNDSX-20	140359	KUBOTA	
9-82111657-0	140334	JASX34-30	140597	JNDSX-25	140360	11173-63021	233703
9-82111658-0	140334	JASX35	140393	JNDSX-28	140393	11197-63071	136896
9-82114151-0	140595	JASX36-37	140378	JNDSX-31	140361	11197-63081	136897
9-82114152-0	140595	JASX38	140348	JNDSX-32	140362	11420-63041	138956
9-82115288-0	138026	JASX39	140602	JNDSX-33	140396	12264-63071	133713
9-82121231-0	133266	JASX40-41	140559	JNDSX-34	140363	14182-63041	132942
9-82121238-0	131984	JASX42-43	140560	JNDSX-35	140364	14278-63081	138355
9-82122380-0	131984	JASX44-28	140921	JNDSX-39	140602	14278-63521	231213
9-82150052-0	130811	JASX45-46	140931	JNKSX-14	140448	15061-63042	139037
9-82150071-0	130811	JASX47-48	140386	JNKSX-15	140488	15231-63032	230895
9-82150083-0	231735	JASX49-61	140852	JNKSX-20	140549	15401-63271	138570
9-94381931-0	135802	JASX50-51	140786	JNKSX-21	140550	15425-63081	135102
		JASX52	140740	JNKSX-22	140551		
IVECO		JASX53	140647	JSDSX-10M	140823		
500053567	237667	JASX54-55	140953	JSDSX-15	140828		
500053567	333396	JASX56-3	140376	JSDSX-18	140358		
50053567	237667	JASX57-58	140334	MP-2	140586		
50053567	333396	JASX59-60	140986				
		JASX62	140359				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
KUBOTA <i>Continued</i>							
15451-63041	136315	000077122010	134888	072138801010	130749	085541030010	138167
15451-63261	138569	000077132010	133531	072139001010	131109	085541040010	134364
15461-63511	231764	000077133010	133531	072139003010	133985	085541050010	139900
15504-63021	138878	000077136010	134886	072142401010	131680	085541070010	138531
15504-63031	230909	000077152010	134483	072163901010	136223	085541080010	138533
15504-63041	132004	000077165010	134455	072163902010	136975	085541080010	333856
15511-63261	136887	000077174010	134457	072163903010	136163	085541110010	231806
15521-63041	135002	000077175010	133300	072163904010	136163	085541111010	231806
15601-63042	139037	000077177010	134457	072164101010	135604	085541210010	230805
15601-63043	139037	000077185010	133301	072164102010	135242	085541220010	231414
15606-63042	139037	000077196010	134456	072164701010	134041	085541250010	139901
15611-93311	230721	000077204010	134457	072165901010	131473	085541320010	133531
15852-63020	133288	000077209010	133590	072166001010	131474	085541322010	133531
16611-63041	137753	000077219010	133300	072362601010	136734	085541323010	134888
16611-63041	137753Z	000077221010	133301	072382301010	131670	085541325010	133531
16616-60011	090216	000077222010	136889	072386601010	132951	085541350010	231479
16871-63041	132004	000077229010	133301	072397101010	234921	085541360010	234733
17381-63041	134806	000077230010	133590	074861761010	130360	085541370010	235428
17381-63041	134806Z	000077231010	133590	074880921010	134044	085541381010	136770
17381-63211	134807	000077252010	133301	074880991010	131668	085541389010	133591
19013-63021	230578	000077262010	235267	074891101010	134291	085541390010	231478
19013-63041	139037	000077269010	134890	074893711010	132615	085541420010	138444
19212-63041	132004	000077269010	335154	074894441010	134798	085541454010	130452
19837-63070	133454	054242829010	137719	074899021010	132817	085541454010	130452Z
		054245374010	131169	083220461010	135565	085541459010	132852
		054247034010	130452	083220991010	136143	085541462010	132285
		054247034010	130452Z	083224461010	136204	085541466010	132285
		054247396010	131708	083225127010	135620	085541468010	139032
		054263852010	138346	083225135010	138556	085541470010	133683
		054265121010	136878	083225146010	138536	085541472010	138351
		054266043010	135822	083225326010	138534	085541475010	135764
		054266044010	130196	083225702010	235469	085541479010	130452
		054266597010	136871	083226564010	139625	085541479010	130452Z
		054267317010	132286	083226888010	139629	085541488010	132586
		054268140010	132852	083226889010	231941	085541490010	130452
		054268141010	130452	083227126010	138526	085541490010	130452Z
		054268141010	130452Z	083227131010	135565	085541496010	131728
		054268565010	133682	083227260010	135565	085541503010	135711
		054269202010	136876	083227502010	230805	085541538010	131729
		054269554010	137363	083227678010	135620	085541541010	131728
		054290585010	132285	085540001010	132228	085541544010	132586
		054290615010	133302	085540011010	131112	085541560010	230809
		054290638010	138299	085540031010	138753	085541670010	138444
		054290689010	134854	085540041010	230325	085541680010	139901
		054290840010	133297	085540071010	131589	085541700010	139902
		054290870010	135815	085540081010	131588	085541740010	230808
		054291125010	134853	085540141010	132819	085541780010	135717
		054291735010	133591	085540151010	132821	085541810010	233946
		054291763010	139635	085540191010	132821	085541810010	333881
		054291911010	132586	085540211010	131115	085541820010	137191
		054291912010	132587	085540221010	131112	085541860010	230807
		054292192010	136963	085540281010	131437	085541870010	139655
		054292376010	133368	085540321010	134364	085541990010	238841
		054292574010	136319	085540341010	138537	085553402010	239075
		054292603010	134853	085540351010	138538	085553621010	239080
		054292698010	133298	085540371010	132249	140625	B140625
		054293451010	136261	085540381010	230757	140661	B140661
		054293699010	134852	085540401010	230025	140662	B140662
		054293877010	134852	085540431010	132818	140664	B140664
		054293878010	134852	085540431010	132818Z	140665	B140665
		054293879010	134852	085540441010	132820	140688	B140688
		054294074010	234515	085540451010	132818	140689	B140689
		054294392010	132400	085540451010	132818Z	172580	134459
		054294400010	135200	085540461010	134862	192404	192404
		054294771010	233331	085540471010	133566	220409	230835
		054294817010	139710	085540481010	132187	223224	130759
		054294817010	139710Z	085540491010	131716	227713	140062
		054294922010	130452	085540521010	132188	227713	B140062
		054294922010	130452Z	085540561010	132228	227818	140062
		054294957010	235257	085540581010	133083	227818	B140062
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26255652	132286	54245576	130213	54255513	131726	54269202	136876
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263403	130853	54246123	134065	54255966	140658	54290474	133683
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26964041	230264	54246252	131707	54256098	131725	54290573	134446
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26964058A	230266	54246258	LASX43-442	54256132	B140657	54290615	133302
26964059	230266	54246259	131652	54256151	140659	54290638	138299
26964059B	230266	54246285	130453	54256151	B140659	54290689	134854
26964060A	230268	54246290	131652	54256687	131725	54290789	134853
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271826	130194	54246724	130450	54258190	130451	54291195	234219
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272219	130194	54246727	232480	54258592	LASX314	54291735	133591
272334	130195	54246728	132965	54258814	132209	54291763	139635
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54242188	136877	54247389	131728	54265072	136864	54293451	136261
54242194	LASX37-38-39	54247393	132285	54265121	136878	54293455	138546
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54244973	130201	54250082	136118	54268139	132285	54295140	133682
54244979	LASX424	54251052	131654	54268140	132852	54295252	133295
54244980	137719	54251756	131724	54268141	130452	54295253	235427

STARTER COMPONENTS

O.E.M. names and numbers are used for reference purposes only.



Cross reference list

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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54295331	138443	60600914	140528	76773	130872	76908	132269
54642116	131275	60600919	140513	76776	130872	76910	131248
54642420	131275	60600920	140765	76777	130853	76911	131248
54642436	131264	60600924	140646	76781	131248	76912	131248
54642732	131275	60600936	140510	76786	130855	76913	131248
54642903	131275	60600944	140512	76789	130853	76914	130853
54642959	139177	60600946	140511	76790	130484	76917	134695
54643131	131275	60600953	140480	76794	131252	76919	131787
54643312	131275	60600956	140655	76795	130853	76922	131787
54644128	131276	60600961	140481	76796	130855	76923	131787
54644187	131275	60933083	131247	76798	130853	76924	131787
54644302	131274	60933104	131786	76799	130853	76925	131786
54644303	131274	60933109	134888	76800	130855	76926	131247
54644304	131274	60933111	133531	76803	130855	76928	131248
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54645844	139177	61194003	139159	76808	131252	76931	131787
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54648379	136892	66964039	133187	76833	131248	76962	134695
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60600128	131015	76486	130872	76877	131787	77011	131786
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60600342	130443	76727	131252	76888	131786	77034	130855
60600379	131015	76731	233955	76891	130855	77035	132269
60600380	233533	76732	233956	76892	130855	77036	131785
60600381	131015	76740	131248	76893	130484	77037	130484
60600568	132270	76748	131252	76895	132269	77040	131247
60600626	140603	76753	131248	76896	132269	77050	130484
60600645	131015	76755	130855	76897	130855	77052	131248
60600650	131274	76756	131248	76898	130484	77054	131121
60600678	131015	76758	131252	76899	132269	77055	130853
60600688	140603	76759	131252	76900	131248	77058	130855
60600700	134894	76763	130855	76901	131121	77059	131787
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77080	130484	77892	130855	SSL0900	132270	TCB113	B140058
77082	130484	77899	132269	SSL0901	131015	TCB114	140057
77083	130484	96403	131787	SSL0902	139159	TCB114	B140057
77084	130484	96405	131787	SSL0903	131274	TCB116	140103
77089	134696	ASP0023	136461	SSL6001	133050	TCB117	140102
77091	133187	B134583	B134583	SSP0003	134452	TCB118	140104
77092	131786	B139876	B139876	SSP0004	131169	TCB120	140144
77093	133187	LASX40-412P	LAS40	SSP0013	134446	TCB122	140746
77094	133187	LASX40-412P	LAS41	SSP0014	131298	TCB123	140053
77107	131787	LASX73-412/1P	LAS73	SSP0015	131298	TCB123	B140053
77108	134899	LTH102	133463	SSP0020	140104	TCB124	140059
77109	131788	LTH104	135485	SSP0023	134459	TCB125	140054
77110	134695	LTH105	231194	SSP0024	138138	TCB127	140052
77111	131787	LTH107	134736	SSP0025	130871	TCB129	140528
77115	131121	LTH108	136135	SSP0026	137532	TCB130	140646
77119	131121	LTH112	233867	SSP0027	130879	TCB131	140655
77121	133531	LTH203	135573	SSP0030	133463	TEB104	130196
77122	134888	LTH204	231192	SSP0031	135573	TEB105	130882
77126	130853	LTH205	231196	SSP0032	231192	TEB118	130196
77128	131786	LTH206	133050	SSP0033	231194	TEB128	130213
77129	134483	LTH207	132486	SSP0034	231195	TEB129	130201
77130	134890	LTH208	139953	SSP0035	136135	TEB132	130196
77130	335154	LTH209	231269	SSP0036	135784	TEB134	130194
77131	133531	LTH210	138565	SSP0037	233867	TEB142	135200
77132	133531	LTH211	231195	SSP0038	233868	TEB144	132400
77133	133531	LTH212	135784	SSP005	135822	TGB100	130203
77134	132269	LTH213	132475	SSP6000	135467	TGB107	130206
77135	134483	LTH217	233868	SSP6001	132475	TGB122	133305
77136	134886	SAR0002	130200	SSP6002	140412	TGB123	133302
77138	134886	SAR0003	130878	SAAR6000	134736	TGB125	135815
77139	133531	SAR0004	131656	SAAR6001	132486	TGB127	137530
77140	131785	SAR0005	135869	TAB100	132209	TGB128	136963
77141	133531	SAR0006	233740	TAB102	135822	TGB130	136319
77143	133531	SAR0007	131654	TAB103	LASX73-412/1P	THB101	131652
77147	131785	SAR0008	130205	TAB104	131169	TIB107	135869
77149	131785	SAR0009	131655	TAB106	140603	TIB108	130202
77152	134483	SAR0010	130210	TAB112	140716	TIB109	131656
77154	132269	SAR0014	132401	TAB116	LASX44-452P	TIB110	233740
77156	134695	SAR0015	137363	TAB117	LASX40-412P	TIB112	131654
77157	132269	SAR0016	133368	TAB118	LASX364	TIB113	130205
77158	131787	SAR0017	130202	TAB119	LASX314	TIB114	131655
77160	131787	SBR0001	135764	TAB124	LASX43-442	TIB115	130195
77161	134695	SBR0002	135764	TAB125	142344	TJB102	132402
77163	131121	SBR6800	231196	TAB125	LASX15-164	TJB103	130200
77165	134455	SBR6900	231000	TAB127	LASX22	TJB104	130878
77169	131786	SBR6901	137219	TAB128	LASX5-62/1P	TJB106	130210
77170	134456	SDR6012	231269	TAB131	140896	TJB111	133368
77173	131785	SDR6013	138565	TAB132	140765	TJB112	132401
77174	134457	SDR6014	139953	TAB133	140510	TJB113	133368
77175	133300	SFC0001	130194	TAB134	140511	TJB114	133368
77177	134457	SFC0002	130196	TAB135	140512	TJB115	137363
77180	133187	SFC0003	130196	TAB136	140897	TLB100	131725
77185	133301	SFC0005	130882	TAB137	140898	TLB101	131726
77186	133187	SFC0006	130201	TAB138	140513	TLB106	131724
77190	133301	SFC0007	130213	TAJ100	140334	TLB110	130745
77193	133590	SFC0008	130196	TAJ101	140336	TLB112	130449
77194	134457	SFC0009	135200	TAJ102	140340	TLB117	130444
77196	134456	SFC0010	132400	TAJ103	140339	TLB118	130443
77198	134455	SRB319	233955	TAJ105	140341	TLB185	133914
77199	133300	SRB321	233956	TAJ106	140338	TLB186	138683
77204	134457	SRB325	130872	TAJ111	140339	TLB189	135500
77207	137759	SRB333	130856	TAJ114	140337	TLB193	131726
77208	134457	SRB335	130853	TAJ200	140391	TMB100	130453
77209	133590	SRB716	233954	TAJ203	140347	TMB101	130451
77219	133300	SRB807	138350	TAJ209	140349	TMB102	130897
77221	133301	SSL0001	130855	TAJ400	140357	TMB104	130450
77222	136889	SSL0002	132269	TAJ401	140360	TMB105	130446
77223	136889	SSL0003	131786	TAJ403	140362	TMB106	232480
77229	133301	SSL0004	131785	TAJ405	140396	TMB107	132965
77230	133590	SSL0005	133531	TAJ406	140358	TMB108	131732
77231	133590	SSL0006	134888	TAJ407	140361	TMB111	131709
77252	133301	SSL0007	134890	TAJ409	140363	TMB115	130445
77259	137759	SSL0007	335154	TAJ410	140362	TMB116	130447
77262	235267	SSL0008	132269	TCB106	140590	TMB118	134427
77265	131208	SSL0009	134886	TCB108	140592	TMB120	130452
77269	134890	SSL0010	137759	TCB110	140593	TMB121	131728

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO		
LUCAS <i>Continued</i>									
TMB124	131708	TOB114	131788	TPB123	131121	63633601	130830		
TMB125	131729	TOB115	134695	TPB124	134888	63633603	130830		
TMB129	131733	TOB116	131787	TPB127	134899	63633604	139849		
TMB130	136338	TOB117	131787	TPB131	131786	63633801	131112		
TMB132	131734	TOB119	131786	TPB133	131785	63633804	138753		
TMB133	233533	TOB121	132269	TPB136	134455	63633806	131112		
TMB134	130959	TOB122	131121	TPB137	131121	63633825	131112		
TMB142	130453	TOB123	131121	TPB138	134456	63633901	131115		
TMB143	130451	TOB124	131787	TPB139	133300	63633902	131115		
TMB148	132285	TOB125	131121	TPB140	134457	63633925	131115		
TMB150	132286	TOB126	132404	TPB142	133301	63633933	131115		
TMB162	132288	TOB127	132404	TPB143	133301	63693801	131112		
TMB167	132586	TOB128	131786	TPB144	133187	63902000	130377		
TMB168	132587	TOB129	131248	TPB145	134456	70494803	130325		
TMB170	132285	TOB130	130484	TPB146	134457	70494804	130325		
TMB171	133297	TOB131	131786	TPB147	133187	70616002	130417		
TMB173	136770	TOB133	131248	TPB152	133590	72134002	137213		
TMB174	133296	TOB134	132269	TPB157	137759	72134003	137213		
TMB175	234219	TOB135	130484	TWB100	131264	72138801	130749		
TMB177	133296	TOB137	131121	TWB105	131275	72138802	138752		
TMB179	133298	TOB138	131787	TWB107	131275	72138902	139131		
TMB180	135180	TOB142	131787	TWB108	131276	72139001	131109		
TMB182	133591	TOB145	131786	TWB111	132270	72139002	139131		
TMB183	138299	TOB147	131787	TWB112	131015	72139003	133985		
TMB184	139635	TOB151	131252	TWB113	131015	72139004	132293		
TMB189	135100	TOB152	131252	TWB114	131274	72139007	234922		
TMB194	136962	TOB153	131252	TWB117	131078	72142003	137213		
TMB196	135711	TOB154	131252	TWB119	133200	72142401	131680		
TMB197	136261	TOB157	130484	TWB121	133200	72143101	136203		
TMB420	130406	TOB159	131787	TWB122	131078	72143103	136203		
TMB455	131104ZZ	TOB160	131255	TWB123	134430	72143104	136203		
TMB471	130414ZZ	TOB162	130855	TWB124	131079	72143105	136203		
TMB570	131104ZZ	TOB164	131787	TWB125	139085	72143106	136203		
TMJ100	130440	TOB165	131121	TWT200	139159	72143107	136203		
TMJ101	131783	TOB167	131787	TZT110	130879	72157901	137025		
TMJ102	131086	TOB169	131787	UMB120	140271	72157902	137025		
TMJ103	131085	TOB172	134695			72159801	132821		
TMJ105	132311	TOB174	130855	MAGNETI MARELLI				72161301	MASX25-264
TMJ106	130440	TOB175	134696	063601962000	133566	72161302	MASX25-264		
TMJ107	131085	TOB179	131248	132246	B132246	72161303	MASX27-284		
TMJ115	131985	TOB180	134891	140614	B140614	72161304	MASX27-284		
TMJ117	131985	TOB181	131255	140690	B140690	72161601	133030		
TMJ120	132453	TOB182	131785	140947	B140947	72162401	MASX21-224		
TMJ121	131986	TOB183	131247	54294771	233331	72162402	MASX21-224		
TMJ123	131985	TOB184	131248	54294817	139710	72162403	MASX23-244		
TMJ140	131988	TOB190	130484	54294817	139710Z	72162404	MASX23-244		
TMJ171	132001	TOB191	130484	54295253	235427	72162601	133955		
TMJ204	130741	TOB193	133187	60737105	131314	72163201	131470		
TMJ210	131087	TOB194	133187	62362910	140202	72163701	131472		
TMJ400	131110	TOB196	134695	62362910	B140202	72163901	136223		
TMJ401	130441	TOB198	131787	63600400	130377	72163902	136975		
TNB102	131737	TOB199	131788	63600403	131437	72163903	136163		
TNB104	131738	TOB811	131115	63600483	131437	72163904	136163		
TNB108	130452	TOJ101	130811	63600493	131437	72163906	136974		
TNB133	131723	TOJ103	131800	63600502	131437	72164101	135604		
TNB134	137326	TOJ104	131144	63600504	131437	72164102	135242		
TNB137	131035	TOJ214	133052	63600505	131437	72164701	134041		
TNB142	131707	TOJ400	130814	63600506	131437	72165001	134670		
TNB144	131206	TOJ401	131084	63600507	130367	72165701	133595		
TNB145	131705	TPB101	131255	63600508	131437	72165901	131473		
TNB147	131707	TPB103	131786	63600800	132137	72166001	131474		
TNB149	131707	TPB104	133531	63600802	132227	72169501	133955		
TNB151	132291	TPB106	134695	63600900	133083	72294601	130328		
TNB153	134065	TPB107	132269	63600901	132228	72313961	136975		
TNB159	132782	TPB109	131787	63600904	230325	72313962	136974		
TNB165	130452	TPB110	134890	63601600	131589	72362307	136203		
TNB167	132852	TPB110	335154	63601700	132249	72362308	136203		
TNB169	131728	TPB111	133531	63601768	132228	72362510	140200		
TNB172	133682	TPB112	134483	63601963	137790	72362510	B140200		
TNB173	133683	TPB113	134483	63601966	137790	72362601	136734		
TNB176	133295	TPB114	134886	63602106	138444	72362910	140202		
TNB194	136962	TPB115	134886	63602109	138477	72362910	B140202		
TOB100	131252	TPB116	133531	63602200	130373	72363110	135770		
TOB108	131248	TPB117	131785	63602290	130373	72363201	MASX13-144		
TOB109	130855	TPB118	133531	63602302	130830	72363201/02	MASX13-144		
TOB110	131248	TPB119	133531	63602404	138477	72363202	MASX13-144		
TOB111	131248	TPB120	131785	63602502	138477	72363203/04	MASX15-164		
TOB112	130484	TPB121	131785	63631425	130281	72363205/06	MASX15-164		
TOB113	132269	TPB122	134483	636331425	130281	72363207	MASX15-164		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
72363402	131109	74876851	130737	83220031	133567	85530000	132137
72364310	135768	74880921	134044	83220461	135565	85530010	132227
72364801	231024	74880941	JSX21-22	83220991	136143	85530220	230325
72365010	140201	74880991	131668	83221161	136206	85530280	131437
72365010	B140201	74881110	140268	83221191	JSX35-364	85530290	131437
72366601	134681	74881110	B140268	83221220	138639	85530330	132228
72372530	130417	74881121	JSX21-22	83221241	136204	85540001	132228
72378301	133970	74881151	134291	83221531	134859	85540011	131112
72378801	130946	74881251	130737	83221541	134859	85540031	138753
72381901	131680	74881280	131784	83221651	136143	85540041	230325
72382301	131670	74883371	234285	83221681	JSX35-374	85540071	131589
72383701/02	MASX17-184	74883521	134291	83222270	140242	85540081	131588
72383703/04	MASX19-204	74885011	134044	83222681	135565	85540111	131115
72383705/06	MASX19-204	74885041	134653	83223311	136143	85540121	135762
72386601	132951	74885111	132186	83224461	136204	85540141	132819
72386801	130386	74886131	131716	83224481	JSX38-39-403	85540151	132821
72386803	130386	74886560	139133	83225127	135620	85540191	132821
72388401	137025	74886731	130737	83225135	138556	85540211	131115
72392104	139131	74886931	131132	83225146	138536	85540221	131112
72397101	234921	74886971	131715	83225266	JSX38-412	85540231	133566
72399501	130946	74887061	131716	83225272	136206	85540271	130738
72399502	139848	74887310	140269	83225326	138534	85540281	131437
74350265	130328	74887310	B140269	83225359	136204	85540291	134018
74350413	131747	74887810	140270	83225372	133567	85540301	132137
74350433	131747	74887810	B140270	83225386	136206	85540311	130737
74372530	130417	74887890	140270	83225622	235301	85540321	134364
74700901	134641	74887890	B140270	83225702	235469	85540341	138537
74702610	JSX94	74887901	JSX23-24-28	83225727	135620	85540351	138538
74703210	135769	74887911	JSX23-24-28	83225758	138443	85540371	132249
74703401	134643	74888361	134044	83225822	JSX43-45-444	85540381	230757
74705710	140046	74888761	132187	83225823	JSX43-45-444	85540401	230025
74705710	B140046	74888921	132849	83225824	JSX43-45-444	85540411	134859
74705810	140065	74889271	131715	83225846	235304	85540431	132818
74705810	B140065	74890961	134017	83225886	138535	85540431	132818Z
74734101	JSX204	74891011	132619	83225937	234093	85540441	132820
74751110	135644	74891101	134291	83225970	138556	85540451	132818
74798210	140211	74891161	132188	83226116	235304	85540451	132818Z
74825410	140109	74891260	JSX23-24-28	83226148	JSX40-46-474	85540461	134862
74826710	140110	74891351	136643	83226189	JSX40-46-474	85540471	133566
74827010	140452	74891391	134018	83226216	136204	85540473	133566
74827301	130739	74891611	135762	83226216	231159	85540481	132187
74838701	JSX184	74892151	131132	83226336	139627	85540491	131716
74845901	134122	74893711	132615	83226348	138536	85540501	139220
74846001	JSX194	74893801	JSX29-302	83226407	231899	85540521	132188
74860061	130359	74893811	JSX29-302	83226437	235122	85540561	132228
74860300	140048	74893830	134115	83226536	135620	85540581	133083
74860300	B140048	74893901	132119	83226564	139625	85540591	132227
74860380	140047	74893931	133059	83226569	139902	85540601	131715
74860380	B140047	74894121	136625	83226683	135565	85540611	131716
74860391	130737	74894221	132817	83226699	138556	85540651	132186
74861441	130737	7489438/1	JSX31-32	83226713	235301	85540661	130737
74861761	130360	7489439/1	JSX31-32	83226811	135620	85540681	135117
74861781	JSX162	74894441	134798	83226888	139629	85540691	138537
74866041	JSX134	74894681	132820	83226889	231941	85540711	136164
74866140	140049	74895431	132187	83226919	JSX52	85540721	131437
74866140	B140049	74895901	134122	83226920	JSX52	85540731	130439
74866151	132075	74896591	132818	83227000	139628	85540811	130737
74866471	130368	74896591	132818Z	83227126	138526	85540821	135712
74866481	130369	74898071	132188	83227131	135565	85540822	135712
74866521	130370	74898111	134018	83227226	135565	85540831	139900
74866611	130738	74898981	136625	83227257	JS33	85540841	138522
74867401	130738	74899021	132817	83227257	JS34	85540861	135463
74867931	130735	74899041	235301	83227257	JSX33-344	85540881	136257
74868171	JSX52	74899601	130437	83227258	JS33	85540891	235771
74868181	JSX162	74899901	130347	83227258	JS34	85540911	131437
74868210	140050	74905910	140421	83227258	JSX33-344	85540921	233815
74868210	B140050	74981251	130737	83227260	135565	85540922	139104
74868531	130370	74991161	132188	83227357	JSX51-52-634	85540961	137191
74868891	130439	77222	136889	83227362	JSX51-522	85540971	135717
74869671	130945	79026095	131184	83227364	JSX51-52-593	85540981	137190
74869711	333125	79033664	132254	83227370	JSX51-52-593	85540991	133566
74869941	132202	79033664	333151	83227383	JSX61-62-634	85541002	234441
74870031	130945	79033957	132303	83227490	JSX38-39-403	85541003	138444
74870111	130740	79035321	139131	83227491	JSX38-39-403	85541010	230809
74870151	130848	79036683	131112	83227502	230805	85541020	137790
74871431	130739	79036685	131115	83227584	JSX61-62-634	85541040	134364
74874241	130738	79044568	132304	83227652	JSX61-62-634	85541060	138522
74874701	JSX134	82368225	131143	83227678	135620	85541100	138865
74874761	130370	82368225	333147	85511103	138444	85541110	231806

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAGNETI MARELLI <i>Continued</i>							
85541111	231806	IE38AAA	131112	443936954940	136268	0839-24-753	140386
85541160	138985	IE39AAA	131115	443937150171	132941	0845-18-400	140321
85541160	138985Z	JS25	JS25	443937150241	134795	1345-24-716	139883
85541180	233945	JSX134	JS13	443937150860	136267	1345-24-716A	139883
85541210	230805	JSX134	JS13/0	443937150870	136270	1345-24-730A	138355
85541220	231414	JSX162	JS16	443937150880	136265	1346-24-705	135824
85541230	230802	JSX162	JS16/0	443937150890	136269	1363-24-736	132470
85541240	138791	JSX21-22	JS21	443937151540	231680	1372-24-736	136344
85541250	139901	JSX21-22	JS22	443937151560	231681	1456-24-752	135201
85541260	230809	JSX52	JS5	5233420	139615	1470-24-736	131802
85541280	139655	JSX52	JS5/0	6954930	136266	1757-24-760	131802
85541290	138791	MASX17-184	MAS17	6954940	136268	1758-24-736	133052
85541300	231899			7150171	132941	1758-24-736A	133052
85541300	333868	MAGNETON (PAL/SKODA)		7150242	134795	1907-18-400A	140320
85541303	135711	0157541	133413	7150860	136267	4782-24-736	139586
85541320	133531	0157561	133412	7150872	136270	4840-24-709	139585
85541322	133531	0157912	130904	7150882	136265	4840-24-730A	231314
85541323	134888	0157941	135773	7150892	136269	4854-24-736	132917
85541325	133531	0157972	132120	7151540	231680	4854-24-736	133050
85541333	LASX364	0158061	131929	7151542	231680	4872-24-736	234545
85541336	139032	0158411	133411	7152560	231681	4892-24-709	132765
85541350	231479	110904300	PLS3/0	7152762	231681	4893-24-722	131628
85541360	234733	113937150870	136270	7152822	235488	4894-24-715	140322
85541370	235428	1658400	136271	7152860	136267	8088-24-722	131087
85541381	136770	2000940	140756	7152920	236082	8218-24-760	132095
85541389	133591	2000940	B140756	7152960	136267	8599-24-736	132473
85541390	231478	273111014174	136681	7153142	231681	8599-24-740	134966
85541400	230809	315238040	135775	7153180	231679	8599-24-741	137545
85541410	137190	3155238077	138606	7153182	231681	8599-24-746	138565
85541420	138444	315677064480	135775	7153360	234445	8599-24-750	140387
85541430	137191	315817120910	138606	7153612	231681	8599-24-752	233868
85541454	130452	316116119950	135772	7153860	136267	8872-24-736	131802
85541454	130452Z	323114011	140756	7153912	231681	8937-24-760	133049
85541456	138351	323114011	B140756	7154142	231681	AM15-18-X10	138013
85541459	132852	323114014	140757	71553360	234445	AM15-18-X25	132011
85541462	132285	323114014	B140757	7155351	136269	B301-18-X45	134918
85541465	139032	323114016	140691	8014241	133961	B303-18-X00	136753
85541466	132285	323125436125	140758	8014251	130729	B630-18-X00A	136753
85541468	139032	323125436125	B140758	931544	140527	B630-18-X45	132005
85541470	133683	323125527127	140757	931550	140397	B630-18-X65	136135
85541472	138351	323125527127	B140757	931550	B140397	B660-18-X65	136135
85541475	135764	323125527131	140756	932232	PLSX44	B6AZ-11-450A	130493
85541476	LASX314	323125527131	B140756	PLSX24	PLSX24	B658-18-X10	133288
85541479	130452	323125641703	140756	PLSX34	PLS3	BPD4-18-X05	135468
85541479	130452Z	323125641703	B140756	PLSX54	PLSX54	BPD4-18-X60	139398
85541483	136878	323125723125	140012			BPD4-18-X66	140966
85541488	132586	323144014	140757	MAHLE → ISKRA			
85541490	130452	323144014	B140757	MANDO MALROE → VALEO			
85541490	130452Z	323144016	140691	MAZDA			
85541496	131728	323622641703	140756	0135-18-444A	140345	E301-18-720	134737
85541503	135711	323622641703	B140756	0135-18-445A	140345	E301-24-701	136099
85541538	131729	323622642933	140691	0208-23-756	140357	E301-24-730	135571
85541541	131728	324592000000	140381	0221-23-764	130814	E301-24-753	140349
85541544	132586	324592003	140381	0221-23-786	130814	E356-18-X00A	136753
85541560	230809	334174503246	PLSX34	0222-24-722	130741	E356-18-X01	140555
85541670	138444	344112021	PLSX34	0222-24-740	231502	E356-18-X10	231977
85541680	139901	344112027	PLSX44	0222-24-741	140321	E356-18-X30	134952
85541690	139901	344122021	PLSX34	0222-24-752A	233867	E356-18-X45	132005
85541700	139902	344154113246	PLSX44	0222-24-753	140347	E356-18-X60	134736
85541717	138477	344154123387	PLSX44	0222-24-760	231976	E356-18-X70	135467
85541740	230808	344174143386	PLSX44	0222-24-760A	231976	E356-18-X80	231000
85541750	233946	344174503246	PLSX34	0290-24-830	131110	E356-18-X81	140429
85541750	333881	443930150241	134795	0290-24-841A	140326	E356-18-X95	139203
85541770	234733	443930154210	130729	0324-18-400A	140320	E357-18-X00	136753
85541780	135717	443930154210	130729	0324-24-760	133052	E357-18-X65	136135
85541810	233946	443930154210	130729	0324-24-760A	133052	E501-24-753	140349
85541810	333881	443930154220	133961	0426-24-712A	134949	F210-18-X01	140738
85541820	137191	443930157540	133413	0426-24-715	140320	F210-18-X65	136135
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85541870	139655	443930157911	130904	0426-24-754	135979	F214-18-X25	132012
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85553402	239075	443930157941	135773	0603-23-643	140391	F2D4-18-X66	140966
85553621	239080	443930157971	132120	0706-24-556	140348	F601-24-710A	234706
86226811	135620	443930158061	131929	0820-24-707	140321	F850-24-710B	234706
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99339837	133841	443930158411	133411			F881-18-X60	134736
99339837	333855	443931658400	136271			FE79-18-X10	133052
IE14AA	130281	443936150600	132282			FP13-18-X10	139202
IE36A	130830	443936954930	136266			FP13-18-X65	139241
						FP13-18-X87	139205
						G601-18-X06	137927
						H833-18-X45	131087

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
JE01-18-X60	136613	54-214	231961	M106X40871	231771	M191T16971	136923
JE26-18-X10	133049	54-215	231960	M106X41271	136196	M191T17071	132009
JF01-18-X65	136894	54-83218	231456	M106X41671	132486	M191T18271	136722
JF01-18-X80A	230872	54-8336	231952	M106X41672	132486	M191T19271	234514
K801-18-X40	135721	54-8408	231965	M106X41673	132486	M191T19271	333871
K805-18-X10	133049	54-981	139858	M106X41674	132486	M191T22071	132005
K805-18-X65	137550	65057A1	139858	M106X41971	139646	M191T22071	132005Z
KL36-18-X65	137853	65-057A1	139858	M106X43571	138962	M191T22271	133454
M602-18-X60	132484	87-61053	133857	M106X43572	138962	M191T22371	132005
N202-18-X10	131802	8915857	139858	M106X43772	139825	M191T22371	132005Z
N202-24-705A	132484	89-15857	133857	M106X45071	233961	M191T22471	135567
N202-24-712	134950	89-638258	133857	M106X50171	136334	M191T22571	135572
N202-24-720	139236	8968258	139858	M106X50271	134736	M191T22771	132005
N202-24-729A	231394	89-68258	133857	M106X50471	136334	M191T22771	132005Z
N202-24-731	231399	89-76454	133857	M106X50571	231471	M191T22871	133454
N202-24-740	132017	8976545	139858	M106X50671	132487	M191T22971	132005
N202-24-750	133886	89-76545	133855	M106X50871	134736	M191T22971	132005Z
N221-24-715	140428	89-96054	139856	M106X51571	132484	M191T23071	132005
N226-18-760	131802	89-96158	139857	M106X51671	134737	M191T23071	132005Z
N318-18-X71	136946			M106X52171	135832	M191T23171	133454
N326-18-X05	135468	mitsuba		M106X52271	138417	M191T23371	135581
N326-18-X10	133049	SM1329850	230762	M106X52471	135832	M191T23371	333860
N326-18-X25	132014	MITSUBISHI		M106X52571	134736	M191T23471	132005
N326-18-X30	134851	140629	B140629	M106X52771	134736	M191T23471	132005Z
N326-18-X57	135341	140694	B140694	M106X52871	134736	M191T26171	133268
N326-18-X60	136334	140729	B140729	M106X53171	132484	M191T26571	136348
N326-18-X71	136947	140779	B140779	M106X53271	134071	M191T26771	134918
N326-18-X87	136895	140846	B140846	M106X53571	132484	M191T26971	136348
N327-18-X60	136613	140908	B140908	M106X54271	136613	M191T27171	136348
N327-18-X60-A	231471	140970	B140970	M106X54971	132484	M191T30171	130741
NF01-18-X90	231505	6001547546	235426	M106X55071	134071	M191T30371	131628
PN11-18-X10	133288	647X04271	141253	M106X55671	139399	M191T30971	130741
PN11-18-X40	133439	6805D2	142005	M106X57171	132484	M191T30972	130741
PN11-18-X50	137427	B142058	610523	M106X57271	134071	M191T30973	130741
PN11-18-X65	136377	E6457044M	140391	M106X57471	136613	M191T30974	131087
PN11-18-X75	230647	MO0106T04771	138417	M106X57671	139398	M191T31071	131628
PN12-18-X65	138198	MO0106T08371	138417	M106X58171	231471	M191T31671	130741
PN23-18-X65	138198	MO0373X02072	234545	M106X58571	135832	M191T33071	130741
PN40-18-X10	133049	MO0800X47072	230717	M106X58671	230499	M191T33371	131087
PN40-18-X30	135368	M105X43671	234851	M106X58771	139398	M191T33372	131087
PN40-18-X66	140743	M105X43771	139825	M106X58971	230499	M191T34071	131087
PN40-18-X70	135365	M106T01871	134071	M106X59171	136613	M191T34571	130741
R201-18-X66	140388	M106T01970	134737	M106X59771	230499	M191T35171	131087
R201-24-715	140514	M106T03271	135118	M106X64771	330035	M191T36571	134960
R201-24-730	135903	M106T03971	135118	M106X74781	136613	M191T41171	333972
R201-24-730A	230717	M106T04271	135832	M135B00371	133403	M191T41471	331942
R201-24-731	231393	M106T04771	138417	M135C00171	133403	M191T57072	133520
R201-24-736	231981	M106T05770	134736	M135X00771	133403	M191T57081	133520
R201-24-740	133628	M106T05771	134736	M135X01071	139536	M191T57083	133520
R201-24-754	139414	M106T05771	134736	M135X01171	133403	M191T58971	132765
RF01-24-705	134369	M106T06971	135832	M135X01471	139323	M191T68071	139541
RF01-24-736	230561	M106T07472	134736	M135X01571	139323	M191T68771	232229
RF01-24-747	138570	M106T07771	134736	M135X01581	231575	M191T68971	231341
S501-24-740	236080	M106T08371	138417	M135X01771	139821	M191T76081	231952
SE01-24-736	136344	M106T08671	135832	M135X02871	139536	M191T93971	231341
SE01-24-750	140388	M106T19771	135118	M191C00101	233867	M191T94071	237105
SE45-18-X60	231771	M106T50171	135832	M191T12070	132011	M191T94571	333127
SEO1-24-736	136344	M106T50271	134736	M191T12071	132011	M191X13271	132012
SLSK-18-810	234723	M106T52171	135832	M191T12171	132012	M191X13471	137765
VS10-18-X10	234872	M106T52571	134736	M191T12271	137643	M191X13571	136145
VS10-18-X33	231581	M106T57671	139398	M191T12272	137643	M191X14671	333947
VS10-18-X56	231575	M106X01171	132484	M191T12471	132011	M191X15871	331730
VS20-18-X10	234484	M106X01271	134071	M191T12571	136229	M191X15871	333716
WL02-18-X57	135341	M106X01471	132484	M191T12671	137764	M191X16371	236752
WL02-18-X65	231504	M106X01871	134071	M191T12871	136602	M191X16771	136923
		M106X02271	132486	M191T12971	137218	M191X16971	136923
MERCEDES BENZ		M106X06971	136334	M191T13271	132012	M191X18171	132011
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A0011527810	238849	M106X29171	136196	M191T14371	137643	M191X67771	231371
		M106X29271	139646	M191T14671	136722	M191X67871	231371
MERCURY MARINE		M106X29272	139646	M191T15071	139541	M191X67885	231371
15-042	140712	M106X29371	133034	M191T15271	137643	M191X68071	139541
15-054	140713	M106X29471	132484	M191T16071	132009	M191X68171	232229
25661	139858	M106X29871	132486	M191T16171	132010	M191X68271	231371
25-661	139858	M106X40471	233337	M191T16271	132014	M191X68471	231415
54-210	231962	M106X40671	132487	M191T16771	136923	M191X68671	231371

STARTER COMPONENTS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MITSUBISHI <i>Continued</i>							
M191X68785	232229	M371X00372	231976	M371X64371	137930	M371XB2571	234872
M191X68971	231341	M371X00382	131802	M371X64471	133049	M371XB2671	234484
M191X69671	234810	M371X00392	231976	M371X64671	133049	M371XB4171	237102
M191X69771	234774	M371X01871	132763	M371X64771	138012	M371XC3775	236780
M191X69871	232229	M371X02071	132591	M371X64971	133049	M371XC4075	333788
M191X90271	237834	M371X02471	133052	M371X65071	133288	M371XD0971	331786
M191X93771	234774	M371X02871	231976	M371X66371	137930	M371XD1171	237861
M191Y57081	133520	M371X05071	234875	M371X66771	133049	M372X00171	132472
M212X11573	137546	M371X07371	133339	M371X66971	231983	M372X00371	133050
M212X11771	137545	M371X11171	132470	M371X68771	133039	M372X00471	231981
M212X14471	137427	M371X12571	132470	M371X68871	133288	M372X01171	139586
M230D00171	135341	M371X14571	132470	M371X68971	136327	M372X02171	132472
M230X00471	135341	M371X16171	133052	M371X69171	138011	M372X02371	132472
M230X00671	135341	M371X16371	133052	M371X69671	136327	M372X02471	230204
M231C00401	230337	M371X16471	133052	M371X70171	133288	M372X04171	132473
M231C00901	138565	M371X17271	131802	M371X71171	133049	M372X06171	231457
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M321X04771	137929	M371X20271	136344	M371X71371	133288	M372X07471	139614
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M321X06671	137929	M371X20572	138418	M371X71671	133049	M372X10271	132591
M321X07071	137929	M371X20671	136344	M371X71871	133288	M372X10371	132591
M321X07076	235214	M371X20672	136344	M371X71973	133288	M372X10372	132591
M321X10276	234811	M371X20871	234482	M371X72073	133288	M372X10971	132591
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M357T70771	132386	M371X22471	234291	M371X72371	133049	M372X79873	231820
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M357T84181	134966	M371X54671	131802	M371X80371	133052	M385X03371	134949
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M357X64471	231776	M371X54871	131802	M371X80671	139408	M385X03771	133021
M357X64771	235340	M371X55071	131802	M371X80771	133052	M385X04571	134952
M357X65471	230500	M371X55072	131802	M371X81271	133052	M385X04671	134951
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M357X91372	136722	M371X63271	135590	M371XA1874	139202	M391X04371	139826
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M357X91973	232054	M371X63571	135590	M371XB2270	234484	M409C12670	B140428
M371X00171	231976	M371X64271	133049	M371XB2271	234484	M409C12870	140430
M371X00272	131802	M371X64273	133049	M371XB2371	234872	M409C12970	140555

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M409C13070	B140428	M641X04675	135483	M647C00573	140559	M649T03571	133340
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M410D00271	140321	M641X35771	230567	M647X05571	141253	M649T20471	138963
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M410D11271	B140320	M641X37772	136753	M647X06571	140966	M649X01371	135467
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M410D11671	B140322	M641X43077	137710	M648C10371	140347	M649X02572	133340
M410D12071	140320	M641X63271	137712	M648C10671	140391	M649X03573	133340
M410D12071	B140320	M641X65471	230648	M648C12170	140556	M649X04473	133886
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M410D12171	B140320	M641X66172	138405	M648C13770	140347	M649X10171	139238
M410D12671	140323	M641X66173	138405	M648C14870	140349	M649X20171	133886
M410D12671	B140323	M641X67371	137712	M648C14871	140349	M649X20471	138963
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M410X14171	141038	M641X71871	137221	M648C15372	140387	M690X00572	141009
M414X00171	230999	M641X80371	136753	M648C15372/472	140387	M71XA0274	139537
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M578X27571	139540	M641XA4571	231367	M648C24973/974	140395	M800T38973	136135
M578X29171	231459	M641XA4572	231367	M648C24974	140395	M800T39871	136894
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STARTER COMPONENTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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M800X51074	137853	MD602963	135979	MD611731	133341	ME700854	231771
M800X52071	137550	MD604047	131110	MD611731	333636	ME700856	231779
M800X52274	139616	MD604062	140326	MD611748	137492	ME700858	231781
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M800X61671	230498	MD604912	135824	MD618442	135485	ME701290	138418
M800X61672	230498	MD607283	131087	MD618443	134736	ME701436	231581
M800X61771	139241	MD607284	135118	MD618447	140591	ME701437	231575
M800X64073	139241	MD607389	140347	MD618451	136334	ME701441	232391
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M864X11571	139538	MD607894	132005	MD619096	139241	MM502330	139411
M864X12271	233377	MD607894	132005Z	MD619101	139202	MM502346	139236
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						SBE-324	133339
						MOTOROLA	
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0-25000-7780	230186	1-23740-0150	140507	23310-50Y12	139401	23312-M4901	132001
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0-25000-7811	233686	1-23913-0010	135672	23310-54N00	138701	23312-N3300	131783
0-25000-7812	233686	1-23913-0040	135673	23310-54T00	132798	23312-N5900	132001
0-25000-7822	233687	1-23914-0020	135698	23310-57J13	139399	23312-T9003	133058
0-25000-7823	233687	1-23914-0030	135699	23310-60U10	231471	23312-U6000	131783
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0-25000-8100	132494	7-09210-1000	132526	23310-61503	132457	23312-V5301	132001
0-25000-8102	132494	7-21351-0610	140485	23310-65Y10	136334	23312-W1700	135091
0-25000-8103	132494	7-21351-0620	140485	23310-65Y11	136613	23312-W1700	135091ZZ
0-25000-8340	234253	7-21351-0621	140485	23310-97A11	231471	23312-Y0511	131087
0-25000-8341	234253	7-21351-0950	140449	23310-97E11	231471	23312-Y0700	131783
0-25000-8430	132493	7-21351-0960	140450	23310-99112	136189	23313-90005	133266
0-25000-8430	132493	7-21351-1010	140487	23310-99112	136189	23313-99202	133266
0-25000-8900	233688	7-21351-1011	140487	23310-H5000	138959	23314-T9000	134966
0-47100-2650	132495	7-23100-0040	132536	23310-H5000	138959	23314-Z9000	132845
0-47100-2670	134630	7-23100-0070	132537	23310-J2000	132457	23316-84G10	230549
0-47100-2672	134630	7-23100-0090	135703	23310-J5501	137092	23318-00H10	136762
0-47100-2690	132495	7-23100-0140	132539	23310-M4900	134121	23318-00H11	136762
0-47100-2970	139510	7-23100-0160	134971	23310-M4901	134121	23318-10G00	138613
0-47100-3010	133482	7-23100-0170	132539	23310-M4901	134121	23318-54A05	230665
0-47100-3030	132495	7-23100-0171	132539	23310-N5900	132454	23318-P5112	135483
0-47100-3031	132495	7-23100-0190	133391	23310-N5900	132454	23318-P5113	135483
0-47100-3040	134630	7-23100-0200	134971	23310-S0100	133031	23318-R9000	135483
0-47100-3041	134630	7-23100-0201	134971	23310-T9002	138830	23318-R9001	135483
0-47100-3060	134630	7-23100-0220	133391	23310-T9006	133056	23319-21000	140314
				23310-U6000	133031	23319-25V10	140738
				23310-AA050	137953	23319-29000	140489

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
NISSAN <i>Continued</i>							
23319-37502	140316	23340-N5910	231394	23343-C8601	134812	23358-07G00	140225
23319-42L60	140869	23340-N5915	231399	23343-D0300	132093	23358-M4900	140226
23319-42L61	140950	23341-10600	140306	23343-E3011	133052	23358-V0700	140457
23319-43600	140307	23341-10G00	137301	23343-E5011	131802	23359-N5911	134950
23319-61503	140313	23341-37501	140317	23343-EN200	330150	23359-W1710	134948
23319-97E00	140927	23341-N5900	135953	23343-EN20A	330150	23360-30R12	135401
23319-99014	140835	23341-V0600	140495	23343-EN20B	330150	23361-0M300	137932
23319-D0210	140428	23343-00H11	138618	23343-G7001	132059	23361-1P115	135341
23319-M0110	140320	23343-02N00	133750	23343-G7002	131431	23361-W3410	138565
23319-M4900	140222	23343-03J00	138366	23343-G8400	138823	23363-07G00	140222
23319-M8011	140555	23343-03J01	138366	23343-H0100	130811	23367-0M300	137933
23319-N3300	140310	23343-04E00	132093	23343-H5000	131144	23369-29000	132847
23319-Z9000	140489	23343-04E01	132093	23343-H5001	131144	23369-T9000	135187
23320-0M300	139664	23343-04E10	133052	23343-H9100	132093	23369-Z9000	132847
23321-N3300	135478	23343-05E10	132471	23343-J5520	132423	23376-AA000	137976
23322-0M300	137938	23343-06J04	232263	23343-L6000	230697	23378-0500	132090
23322-10G00	135836	23343-07M00	132421	23343-M0100	130811	23378-05E00	132090
23322-41B16	135468	23343-0B710	231454	23343-M4900	132093	23378-10G00	133730
23322-42470	135468	23343-0M210	231454	23343-M8000	132094	23378-1E400	137121
23322-42L70	135468	23343-0M215	233137	23343-M8001	132094	23378-41B00	139166
23322-50Y12	135468	23343-10600	130811	23343-M8003	132094	23378-50Y12	139238
23322-5C011	135468	23343-10G00	133749	23343-M8011	133288	23378-53A10	135467
23322-M8000	134746	23343-11M00	132421	23343-M8110	133052	23378-53J00	137653
23322-N5900	134747	23343-12G02	137795	23343-M8111	133052	23378-53J10	135467
23322-Y0510	135571	23343-12G03	137795	23343-M8210	133049	23378-53Y00	139166
23324-10G00	136111	23343-16E01	138814	23343-N3300	131800	23378-54A00	133730
23324-10T00	135188	23343-16E02	138814	23343-N3301	131800	23378-57J10	140591
23324-10TDO	135188	23343-16E03	138814	23343-OM210	231454	23378-H5000	132424
23324-43G00	135188	23343-18005	130811	23343-P0610	231976	23378-M4901	132090
23324-N5900	231391	23343-1E401	333001	23343-P5111	133052	23378-M8011	135467
23325-KA010	137021	23343-20H12	133052	23343-Q9000	134457	23378-M8100	133333
23330-99202	136529	23343-20P00	132094	23343-R9000	133052	23378-N3301	133332
23330-J5500	133057	23343-22P71	133039	23343-T0110	133052	23378-N5910	133886
23330-T9002	133057	23343-29000	132914	23343-T0111	133052	23378-N5911	133886
23330-Z9000	132425	23343-29006	132914	23343-T3470	132059	23378-N5912	139560
23331-43600	140335	23343-30R11	138011	23343-T5002	133049	23378-OM300	137121
23331-99002	141023	23343-30R12	138011	23343-U6000	133054	23378-V7200	133730
23331-99003	141023	23343-30R13	138011	23343-U6000	133054	23378-V7200	133730
23331-99107	140829	23343-30R14	138011	23343-V0700	131144	23378-W2810	140348
23331-99111	140829	23343-30R15	138011	23343-V5201	132094	23379-09900	140340
23331-T9000	140379	23343-31U00	138814	23343-V5301	132093	23379-0M300	140953
23331-Z9000	140337	23343-31W00	131431	23343-W0400	133044	23379-1000	140334
23331-Z9001	140337	23343-36A00	132093	23343-W0401	133044	23379-10G00	140567
23331-Z9002	140378	23343-36A01	132093	23343-W1700	133047	23379-16E01	140334
23331-Z9003	140378	23343-36A10	133052	23343-W2800	138363	23379-19900	140341
23333-10G00	133731	23343-37502	130811	23343-W2800	138363	23379-1E400	140852
23333-1P100	138709	23343-37503	130811	23343-Y0513	133052	23379-1E400	140852
23333-42L70	136947	23343-37506	131431	23343-Z9000	132914	23379-1P100	140852
23333-42L71	136946	23343-37A10	133052	23343-Z9006	132914	23379-2100	140334
23333-50Y02	138709	23343-43G00	133750	23343-Z9011	139851	23379-21000	140334
23333-M1510	233867	23343-50Y13	138012	23343-AA000	133288	23379-23380	140341
23333-M8000	231298	23343-54A00	135370	23348-D0300	137306	23379-37500	140339
23333-T9000	233868	23343-57J05	139164	23354-06W60	132459	23379-37502	140339
23333-Z9001	231487	23343-57M70	136327	23354-10T00	133904	23379-37503	140339
23333-W2500	133731	23343-57M71	136327	23354-11M00	132459	23379-53J00	140986
23337-01N10	230872	23343-57M75	136327	23354-16E01	135059	23379-54A00	140379
23337-0M300	230487	23343-60U10	137930	23354-20H12	132387	23379-61501	140595
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23337-43G00	137836	23343-63J11	133049	23354-30R10	137764	23379-99008	140346
23337-53J10	231000	23343-63J12	133049	23354-36A00	135059	23379-99015	140823
23337-61504	137936	23343-70T11	138012	23354-42L70	132011	23379-G7000	140339
23337-72F10	230872	23343-77A11	133049	23354-53J11	136229	23379-J2000	140595
23337-M4901	231106	23343-80W00	139784	23354-D0210	135581	23379-J5500	140378
23337-M8011	231580	23343-80W01	139784	23354-D0210	135581	23379-M0100	140336
23337-N5910	139236	23343-83W00	138809	23354-D2010	333860	23379-M4900	140338
23337-T5000	136762	23343-84A07	232000	23354-K9160	136145	23379-V0700	140597
23338-01N10	140555	23343-84A17	138012	23354-M8111	133480	23379-V2500	140379
23338-09900	140309	23343-85A11	138011	23354-N5912	132386	23380-0M300	140953
23338-21000	140315	23343-85E00	231910	23354-V0700	132450	23380-0M300	140953
23338-37502	140318	23343-88407	135287	23357-04E10	132085	23380-10600	140340
23338-61503	140313	23343-99013	130811	23357-0C010	139410	23380-10611	140385
23338-85060	140308	23343-99101	132470	23357-OM300	235485	23380-10G00	140567
23338-97E00	140870	23343-99110	233122	23357-20H12	133007	23380-10T00	140379
23338-M4900	140225	23343-99204	233122	23357-25F00	133606	23380-16E01	140334
23338-N3300	140311	23343-B5010	131802	23357-36A00	135364	23380-19900	140341
23338-P0610	140321	23343-B5011	131802	23357-43G00	135271	23380-21000	140334
23338-V0702	140457	23343-C0600	132058	23357-M4901	133041	23380-21010	140391
23340-0M210	231683	23343-C6800	132423	23357-N5900	233742	23380-37502	140339
		23343-C6804	132423	23357-P0610	231502	23380-37503	140339
				23357-V0700	133042	23380-41B00	140986
				23357-V0700	133042	23380-42L60	140786
				23357-W1011	133007	23380-53J00	140781
				23357-W1700	133042		



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
10472565	230911	10496330	230409	1114278	130499	1114518	131590
10472565	230911Z	10496573	230544	1114279	130499	1114524	131590
10472567	140053	10496643	132691	1114281	130499	1114526	131590
10472567	B140053	10497046	132685	1114283	130499	1114529	131590
10472809	136342	10497105	232590	1114287	130499	1114530	131590
10473700	135063	10497257	136342	1114289	130499	1114531	131590
10473701	135204	10497269	230682	1114290	130499	1114534	138068
10473716	230821	10497275	132944	1114291	130499	1114537	139858
10473793	135462	10497522	133545	1114292A	130499	1114556	130499
10473852	232890	10497538	230414	1114293	133814	1114557	131590
10475100	230388	10498158	232929	1114294	130499	1114562	131590
10475578	232989	10498407	132695	1114295	130499	1114564	131590
10475580	140939	10498438	130540	1114297	130499	1114565	130499
10475581	232524	10498527	132943	1114298	133814	1114566	131590
10475582	140940	10498623	130538	1114299	130499	1114569	131590
10475583	138225	10498663	230539	1114304	130499	1114571	131590
10475584	138224	10498718	140222	1114306	130499	1114576	232219
10475588	230604	10498833	232742	1114322	132696	1114578	235006
10475597	231328	10498863	131400	1114324	130499	1114580	137339
10475602	230396	10498866	230517	1114325	130499	1114581	137339
10475616	138216	10498921	230029	1114327	133814	1114582	235006
10475616	138216Z	10499094	230472	1114328	130499	1114583	137370
10475626	232990	10499097	132685	1114330	130499	1114584	232219
10475631	140941	10499208	230428	1114333	130499	1114587	138217
10475632	138213	10499230	132729	1114334	130499	1115501	130500
10475638	233154	10499524	140943	1114335	130499	1115508	130500
10475639	138215	10499632	139332	1114336	130499	1115510	130500
10475642	232924	10499852	138128	1114337	130499	1115512	132696
10475646	138217	10499854	131769	1114338	133814	1115513	132696
10475654	138217	10500475	333939	1114339	130499	1115517	133060
10475908	232918	10501804	333938	1114340	130499	1115529	130500
10475974	230073	10511213	231917	1114341	130499	1115530	232218
10475979	232926	10511368	235699	1114344	130499	1115531	130500
10475990	230388	10511369	237835	1114346	130499	1115537	232221
10475996	232844	10511406	235678	1114347	130499	1115540	130500
10476004	230394	10511408	235609	1114348	130499	1115541	232218
10476006	230391	10511409	235758	1114349	130499	1115543	132696
10476117	231929	10511414	235699	1114350	130499	1115544	131364
10476198	233007	10511415	237835	1114351	130499	1115547	131364
10476382	232745	10511722	235738	1114353	130499	1115548	131364
10476433	232844	10511731	235687	1114354	130499	1115555	133060
10476528	231968	10511746	235689	1114356	130499	1115556	131363
10476561	233162	10511750	333058	1114359	130499	1115557	131364
10476564	233162	10511758	233960	1114362	130499	1115558	133060
10476596	231246	10511799	237845	1114364	130499	1115559	131364
10476599	140942	10511817	235734	1114365	130500	1115563	133060
10476604	138214	10511838	235678	1114367	130499	1115564	133060
10476642	138222	10512004	235735	1114373	133814	1115565	131363
10476793	231244	10512093	333782	1114378	130499	1115575	131363
10476865	232524	10512094	333002	1114379	130499	1115576	131364
10477566	135063	10512096	333841	1114380	130499	1115582	232221
10477892	235444	10512476	333840	1114381	130499	1115583	132696
10477932	232524	10514696	237835	1114388	130499	1115584	232218
10478008	232226	10515696	237845	1114391	130499	1115591	131356
10478614	231927	10515812	333847	1114395	130499	1115593	131369
10479522	133545	10515838	333781	1114396	130499	1115594	131361
10482844	231929	10515872	333847	1114398	130499	1115595	131349
10483614	235444	10518782	333845	1114399	130499	1115597	139337
10484034	141045	10521484	333938	1114430	130499	1115598	231912
10484662	234163	1114206	139858	1114458	130499	1115600	139337
10487126	230388	1114208	235442	1114460	130499	1115601	131349
10487536	231967	1114218	235442	1114466	130499	1115604	131361
10487934	231967	1114223	138068	1114468	130499	1115605	131361
10489381	138224	1114250	130499	1114474	130499	1115607	131364
10492409	231966	1114251	130499	1114487	130499	1115608	131349
10492437	231471	1114252	130499	1114488	130499	1115609	139209
10493840	232984	1114253	130499	1114493	130499	1115610	231914
10493851	232671	1114255	130499	1114494	130499	1115612	231915
10495156	230544	1114256	130499	1114495	130499	1115613	139209
10495812	135323	1114257	130499	1114496	130499	1115617	231925
10495828	232988	1114263	130499	1114499	130499	1115618	231916
10495881	132729	1114264	130499	1114500	130499	1115619	230198
10495897	232988	1114266	130499	1114502	130499	1115621	230198
10495931	132685	1114268	130499	1114504	130499	1115622	231919
10495984	135462	1114270	130499	1114508	130499	1115623	231913
10496037	135643	1114271	130499	1114510	130499	1115624	231917
10496042	131401	1114272	130499	1114514	131590	1115625	231920
10496043	131400	1114273	130499	1114515	131590	1115627	231919
10496109	230679	1114277	130499	1114517	131590	1115634	231926

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1115640	230198	1852889	RX1354	1901272	131058	1932308	130540
1115641	231922	1852891	RX1354	19024758	131370	1932526	131766
1115643	231921	1852892	RX1344	19024759	131371	1932545	131766
1115645	131369	1852893	RX135H4	19024759	333156	1932604	132732
1115656	231917	1852894	RX134H4	19024760	333152	1932605	131766
1115657	233869	1852898	140755	19024760	131372Z	1932872	131137
1115659	333840	1852970	131769	19024761	333153	1932890	130540
1115663	233869	1861785	136926	19024761	131373Z	1933471	130538
1115667	233873	1861791	230798	19024762	131253	1933838	138128
1115668	233873	1862383	140217	19024763	131254	1933999	140406
1115673	233873	1867150	132682	19024764	131080	1934488	130540
1115683	233869	186798	137733	19024765	130492	1935168	230106
1115701	234476	1868355	130538	1902610	131058	1935259	131137
1115712	234476	1869755	140478	1906031	230540	1935487	130539
1119778	130500	1872678	140215	1906046	230540	1935487	130539Z
1119781	130499	1875687	130537	1906302	230540	1935827	130537
1119798	130499	1875802	130540	1906493	131058	1935829	130537
1119832	131364	1875835	131403	1906918	RX9212	1935992	131769
1119833	130500	1875852	130540	1906945	RX604	1936647	131056
1119853	131363	1876358	230594	1906958	RX874	1937554	233173
1119855	132696	1876361	138680	1906962	RX874	1937718	135642
1119858	132696	1876366	131627	1906966	RX604	1938065	133864
1119872	133060	1876429	131168	1906968	RX874	1938178	131174
1119877	130500	1876849	131058	1906986	RX708	1938587	132113
1119878	133060	1876857	130538	1906987	RX874	1938743	140181
1119879	131363	1876881	232050	1906988	RX698	1939345	140185
1119882	130500	1877306	132691	1906989	RX9212	1939970	230012
1119883	232221	1877345	133545	1906990	RX664	1940134	130540
1119885	130500	1877348	132699	1911644	230555	1940138	130540
1119888	132696	1877350	138128	1913027	230540	1940385	138699
1119890	130500	1877353	130540	1913100	139332	1940475	230517
1119910	130499	1877354	130540	1913433	132682	1940548	131400
1119919	130499	1877355	130538	1914341	131766	1940624	131400
1119923	130499	1877361	131400	1914373	233057	1941067	233015
1119933	130500	1878400	132729	1914593	233046	1941109	133019
1119935	130500	1880449	131058	1914647	230796	1941111	230013
1119936	130499	1887989	131365	1914842	230107	1941113	132735
1119946	130499	1891143	132682	1914869	230515	1941119	130538
1119981	130499	1891278	233408	1914873	232998	1941157	130538
1119986	130499	1891404	135786	1916272	136340	1941589	131769
1119988	132696	1891916	131658	1916439	230017	1942244	131137
1119998	130499	1891918	135338	1916775	133864	1942250	130521
1119999	130499	1891927	140215	1918047	132682	1942258	140074
112632	232917	1892160	138680	1918079	131768	1942950	130538
120483614	235444	1892765	232737	1918621	230378	1943600	233173
132255	233411	1892890	RX664	1918886C	131769	1943628	140071
132322	B132322	1892899	131769	1920400	230017	1944841	230540
14057993	233155	1893276	230795	1921805	233048	1945109	130495
140813	R909/0	1893277	230428	1921998	131766	1945356	135938
140813	R924	1893293	132114	1921999	131769	1945400	131058
140814	R922	1893296	230798	1922457	230798	1945472	230513
1828393	130537	1893370	139798	1923484	140477	1945484	130530
1828396	132694	1893443	131429	1923904	140183	1945487	130539
1836505	140185	1893445	131429	1923907	141123	1945487	130539Z
1838065	133864	1893449	131403	1926605	138144	1945496	130495
1839345	140185	1893453	230418	1926618	132113	1945500	130923
1839348	140185	1893477	131058	1926622	230517	1945506	130511
1846089	131767	1893560	131056	1927200	132694	1945509	140074
1846097	139798	1893561	231970	1927848	233014	1945517	130520
1846614	131627	1893562	131770	1927849	233013	1945620	132131
1846926	130495	1893754	230428	1927850	233015	1945804	230108
1846955	233428	1893929	132730	1927853	230105	1945827	230106
1847807	233428	1894023	140776	1928021	233011	1945840	130554
1851430	130540	1894211	130539	1928022	233009	1945842	130537
1851546	233010	1894211	130539Z	1928966	133019	1945849	130523
1851550	135786	1894212	132731	1928998	131766	1945853	130496
1851632	230540	1894213	131056	1929402	131769	1945862	233144
1851960	233051	1894214	131770	1929404	135786	1945879	132731
1851961	131168	1894218	231970	1930694	138680	1945906	130551
1852410	131769	1894219	231970	1930802	131769	1945963	130511
1852530	130551	1894221	130542	1930812	131658	1946089	131767
1852716	130538	1894321	230010	1931585	132694	1946220	131769
1852880	RX1214	1894635	140074	1931654	230012	1946221	132694
1852882	RX122H4	1894636	140070	1932031	131768	1946229	130537
1852883	RX122H4	1894637	140477	1932188	136318	1946391	130552
1852884	RX1224	1894638	140478	1932190	140183	1946400	RX604
1852886	RX9212	1894642	233057	1932197	232827	1946407	RX708
1852887	RX1246	1894643	233048	1932200	132735	1946414	132113
1852888	RX124H6	1894931	233408	1932205	131408	1946426	RX9212

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
1946434	RX954	1956422	132686	1974355	136318	1986819	135338
1946473	RX708	1956918	131658	1974396	132694	1987049	230010
1946483	RX708	1957017	140944	1974641	233173	1987079	230010
1946484	RX874	1957789	131058	1974655	233173	1987152	133507
1946487	RX9212	1957846	130511	1974778	130495	1987172	131362
1946491	RX1074	1957847	130511	1974786	131403	1987175	131354
1946575	130511	1958218	131057	1974929	130495	1987211	131481
1946765	230540	1958949	131174	1975046	130538	1987254	138680
1946945	131056	1959514	233413	1975073	135786	1987391	132736
1946957	131056	1960370	130539	1975194	131429	1987887	232501
1947353	132686	1960370	130539Z	1976129	132691	1987989	131365
1947542	138128	1960853	132392	1976832	230105	1988093	230821
1947680	131769	1960864	138144	1976861	RX954	1988096	140206
1947912	133545	1960866	131627	1976884	130539	1988097	131353
1947920	131770	1960908	139799	1976884	130539Z	1988100	233000
1948452	130511	1961320	130551	1977004	132731	1988111	131366
1948464	131661	1961463	131058	1977005	131056	1988121	131352
1948506	130923	1961666	130511	1977006	131770	1988122	131352
1948508	130923	1962602	230678	1977011	231970	1988125	233979
1948515	130520	1962603	133027	1977013	130542	1988126	230544
1948521	232986	1962606	140404	1977031	133019	1988128	230541
1948522	130522	1964127	130538	1977264	132952	1988129	230541
1948529	230513	1964410	233012	1977306	132691	1988134	233007
1948537	230516	1964516	233001	1977355	130538	1988137	230542
1948600	131661	1964857	233142	1978123	135338	1988138	233159
1948606	131056	1965048	132691	1978136	230594	1988139	133022
1948691	131137	1965358	130540	1978297	132736	1988322	131359
1948877	138128	1965514	131056	1978337	232910	1988323	131362
1948999	130552	1965529	232050	1978449	131401	1988328	131360
1949109	130495	1965538	130537	1978517	131400	1988339	230539
1949112	131661	1965723	130537	1978754	233159	1988340	230539
1949190	131658	1965724	131400	1978756	230419	1988377	232590
1949243	137485	1965730	132691	1979384	135643	1988414	132113
1949429	233532	1965923	130537	1979387	131346	1988435	131350
1949606	130511	1966224	131401	1979391	136927	1988438	230542
1949619	133024	1966228	131401	1979413	131368	1988439	131352
1949620	232999	1966288	131401	1979451	230539	1988442	131351
1950001	132699	1966391	230106	1979458	131368	1988775	133022
1950058	130538	1966931	130538	1979494	131346	1988776	134429
1950307	131659	1967042	131137	1979498	131368	1988779	230542
1950417	131658	1967044	131661	1979634	131367	1988797	232873
1950546	132113	1967045	130552	1979792	131400	1988863	232874
1950946	132113	1967277	232050	1979835	130542	1988951	135338
1951180	130540	1967295	131661	1979994	132131	1989214	135816
1951189	130511	1967330	131058	1980864	230010	1989220	135462
1951254	130553	1967335	132952	1981974	131482	1989499	135324
1951567	131408	1967354	130523	1984000	233408	1989500	135323
1951603	138699	1967454	130511	1984076	139983	1989646	140271
1951788	132699	1967747	233417	1984097	139283	1992258	131401
1952083	130539	1967779	130539	1984501	132681	1998139	133022
1952135	136924	1967779	130539Z	1984511	132695	231789	231789Z
1952410	131769	1967952	130542	1984530	141124	274875	233412
1952427	139660	1968122	232050	1984590	139283	3471490	130465
1952530	130551	1968131	133545	1984974	131482	3471505	140812
1953041	132735	1968355	130538	1985065	131482	3471506	140811
1953151	231970	1968396	139332	1985129	131768	3471553	140036
1953233	130554	1968990	232737	1985138	132685	3471553	B140036
1953236	232590	1968998	233428	1985234	140214	3471555	131122
1953242	131058	1969323	130511	1985235	234302	3471625	140813
1954273	131401	1970310	232050	1985237	131358	3471634	133147
1954448	131174	1970376	133545	1985243	134429	3471693	131119
1954473	131401	1970454	130511	1985246	230417	3471697	131272
1954842	130537	1970455	130511	1985247	233158	3471725	131273
1954843	130537	1970469	139332	1985249	131354	3471741	131119
1954861	132952	1970527	132731	1985262	131481	3471764	140814
1954963	233532	1970538	131400	1985295	233396	3471767	133147
1955046	132113	1970548	131400	1985303	131362	3471783	134675
1955777	130539	1970711	131056	1985304	233049	3471797	133147
1955777	130539Z	1970988	233419	1985314	136928	3471834	140815
1955937	131401	1971167	131770	1985320	233050	3471912	130465
1955946	139798	1971277	231970	1985323	131362	3471929	131273
1955947	139798	1971563	131401	1985564	131429	3471977	131272
1955951	135338	1971568	131401	1985617	139983	3471979	131273
1955990	232999	1971706	133545	1985960	233051	3471982	131119
1955991	140074	1971707	130538	1986019	132116	3472200	136946
1955994	140074	1971839	130495	1986244	133507	3491027	131272
1956226	232911	1971979	132694	1986457	135338	35058	140181
1956348	135338	1974157	133019	1986466	230017	35070	140064
1956384	135338	1974352	130537	1986468	230679	35070	B140064

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
38273	140070	D2040	132695	D965	130499	69022RS1	140224
38367	RX9212	D2042	130538	D966	130499	69032RS1	140225
3874045	130536	D2043	130540	D967	130499	69042RS1	140226
443527	233412	D2047	135816	D969	130499	69052RS1	140227
453465	233162	D2048	132943	D970	130500	69062RS1	140868
800026	131769	D2049	130537	D971	130500	6906RU	140868
8000300	333745	D2050	135063	D974	130499	HK0408	141168
800066	130539	D2051	130537	D975	130499	HK0509	140617
800066	130539Z	D2052	132695	D978	130499	HK0608	140620
800067	132731	D2053	133854	D980	130500	HK0609	140619
800068	131056	D2054	133975	D981	130499	HK0808	140751
800069	131770	D2055	133976	D982	130499	HK0810	140468
800074	231970	D2057	135063	D984	131590	HK0908	141247
800077	130542	D2059	231967	D985	232221	HK0910	140935
800091	132113	D2107	130540	D987	131590	HK1010	140482
800965	138128	D3339	232530	D991	131590	HK1012RS	141001
801433	132678	D3984	132131	D992	130499	HK1210	140242
801662	135939	D4109	131174	D994	131590	HK1212	140494
810620	140181	D4111	131400	DR1901	130844	HK12142RS	141054
818265	230029	D4119	131401	DR2000	130465	HK1214RS	141054
820148	140182	D4121	131400	DR2003	130465	HK12162RS	140904
820149	230679	D4122	131401	DR700	140812	HK1512	140495
821453	138660	D4123	131137	DR751	140811	HK1514RS	141039
830540	131401	D4124	131400	DR902	131119	HK1812	140375
830620	130539	D4125	131401	DR903	131272	HK1816	140197
830620	130539Z	D4128	131403	DR904	131273	HK2012	140457
830621	132731	D4135	132685	DR939A	231922	HK2212	140381
830622	131767	D4136	132685	F903	130493	HK22162RS	140972
830842	131401	D4140	132685			HK2220	140733
830845	230110	D4143	131400			HK3016	141040
83091	130499	D4148	132685			NK1012	140903
851073	131056	D4159	131400			NU305	140650
852961	131056	D4161	133850				
89017523	333938	D4223	132691	SAWAFUJI			
9412305	233418	D4227	132691	1320-073-00X0	136517		
9413260	233411	D4257	232872	1320-097-00X0	138964		
9415235	230362	D4264	132691	1320-121-00X0	235787		
9417501	133023	D4303	138699	1331-039-00X0	136529	SUZUKI	
9419572	133025	D4307	133019	1331-043-00X0	136528	12234-63071	133713
9427815	233408	D4313	230409	1331-046-00X0	136528	12234-63072	133713
9427882	233162	D4908	131408	1350-076-00X9	136522	12234-63081	133711
9440923	140242	D4951	230517	1350-079-0109	136523	12234-63081	133715
9440924	140222	D4954	230517	1350-079-01X9	136523	12234-63461	133716
9441510	140751	D757	RX604	1350-079-10X9	136523	12264-63081	133711
9441512	140750	D762	RX1084	1350-083-20X9	137280	13815-63081	133711
9441607	140421	D903A	139337	1350-084-0119	137280	13968-63081	133711
96550792	142047	D904A	139209	1350-097-00X9	136170	14278-63511	136713
9785608	132726	D905A	231915	1350-098-00X9	136173	15425-63071	134369
A2000	133864	D913A	131590	1350-101-00X9	136171	15511-63071	134370
B140262	B140262	D914	130499	1350-101-10X9	136174	19212-63071	134368
C2001	130536	D915A	230198	1350-101-11X8	136174	19212-63121	135342
D1666	140070	D916A	231919	1350-101-11X9	136174	28125-41020	141238
D1671	140215	D917A	231913	1350-105-00X9	136540	31110-60C40	136885
D1674	140071	D918A	231917	1350-105-10X9	136540	31110-78310	138355
D1676	140181	D919A	231920	1350-105-11X9	136540	31110-79030	135927
D1678	140182	D921A	231919	1350-109-31X9	138967	31131-75011	140356
D1680	140185	D922A	132944	1350-109-32X9	138967	31132-44110	133715
D1682	141123	D923A	231916	1350-111-10X9	138967	31151-60A10	230568
D1684	140074	D924A	231925	1350-111-11X9	138967	31151-83010	230567
D1688	140183	D930	130499	1350-114-02X9	234544	31152-56010	140325
D1689	140217	D930A	133852	1350-121-00X9	333019	31152-63210	140326
D2002	132694	D931	130499	1350-126-02X9	234662	31191-51A10	139051
D2005	131769	D931A	230198	1350-126-03X9	234662	31191-79661	139883
D2006	132694	D932	130499	1350-126-70X9	234662	31191-86030	135468
D2008	130537	D934	130499	1350-126-71X9	234662	31220-52A20	135652
D2009	131769	D936A	132944	1359-063-00X8	234554	31220-63210	130814
D2014	130537	D937A	231927	1359-063-00X9	234554	31220-70030	231976
D2017	130540	D939A	231922	2602-000-00X0	140520	31220-73010	130814
D2020	130537	D942	130499	2620-011-00X0	140520	31220-74010	130814
D2021	131768	D942A	231921	2620-094-00X9	140835	31220-78210	131807
D2024	130538	D943	130499	2660-057-00X0	140823	31220-79620	138813
D2025	130538	D946A	232219	2660-068-00X0	140824	31220-79620	138813
D2026	130540	D948	130499	2660-068-10X0	140824	31220-82130	133288
D2027	131429	D952	130499	2660-071-00X7	140829	31220-83020	133288
D2028	136318	D953	232221	2660-074-00X7	140828	31220-84030	133288
D2029	132694	D954	130500			31310-87400	133713
D2032	132695	D956	130499	SJCE		31311-51A10	136862
D2035	131429	D958	130499	IM0006	140574	31311-60A12	136613
D2036	131769	D959	130500			31311-60C40	136884
D2037	133545	D960	130499	SKF		31311-64B10	136613
				60002RS1	140271	31311-64B11	136613
				6082RS1	140222	31312-88C00	133716
				68052RS	142005	31341-60A10	139200

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
TECUMSEH		28111-51011	140326	28150-24070	130814	28253-45020	140222
32572	141211	28113-13060	139051	28150-24071	130814	28254-45020	138570
33849	141210	28113-16010	139883	28150-25010	130814	28254-64040	233546
STC7100	141214	28113-16070	139492	28150-25013	130814	28254-77090	138569
STC7101	141215	28115-17020	230899	28150-25032	130814	28274-87501	136087
STC7102	141216	28115-54011	136243	28150-31040	134933	28274-87502	138026
STC7103	141217	28115-56150	137539	28150-31050	134933	28317-22060-71	134484
THERMO KING		28115-56180	136182	28150-31051	131084	90099-00138	230721
44-6676	133605	28115-64040	137448	28150-33020	130814	90099-00158	230721
44-6681	133605	28118-77090	135475	28150-33021	130814	90099-01146	141237
44-964	231975	28120-10710	135102	28150-34060	138183	90099-01538	230058
TORRINGTON		28120-15010	138355	28150-34070	130814	90099-01539	233690
FJ08	140620	28120-15090	135790	28150-34080	138183	90099-07047	138026
HK0608E	140620	28120-22060	135750	28150-36050	131084	90099-07124	136087
J78	140421	28120-26071	137350	28150-37010	131807	90099-08100	230059
TOYOTA		28120-47040	135751	28150-41011	130814	90099-10028	140328
02809-92700	137293Z	28120-54380	139149	28150-41020	131084	90099-10031	140325
14278-63181	135127	28120-56071	135750	28150-46090	230582	90099-10058	140325
25150-54031	137980	28120-64010	135102	28150-46120	230582	90099-10134	140333
27274-87501	136087	28120-64040	137977	28150-54011	137980	90099-10149	140424
27351-56013	137801	28120-66040	136897	28150-54051	137980	90099-10150	140425
27351-64060	133752	28120-70020	136885	28150-54140	137980	90099-10157	140426
28011-10030	133631	28120-74070	136897	28150-54181	230827	90099-10158	140427
28011-13060	234402	28120-77090	135750	28150-54190	137980	90099-10180	140787
28011-16040	136899	28120-87210	135802	28150-54220	137980	90099-10181	141011
28011-20540	132004	28120-87211	136885	28150-54290	230827	90099-10182	140792
28011-20571	132004	28130-13010	231311	28150-54380	234960	90099-10183	140788
28011-22010	131110	28130-16070	233551	28150-56011	137033	90099-87501	136087
28011-22020	131110	28130-54380	231600	28150-60040	130814	TRANSPO	
28011-22022	131110	28130-64130	233547	28150-60060	131084	6000-2RS	140271
28011-26042	132004	28130-76070	231483	28150-66011	134413	608-2RS	140222
28011-40014	130441	28131-20010	140328	28150-70030	234992	902-2ZZ	140224
28011-40021	130442	28132-15010	136713	28150-74130	234915	903-2RS	140225
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28011-41020	130442	28136-87502	135127	28150-77060	134413	D445-B10	133852
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28011-54010	132942	28140-15010	140363	28150-87203	130814	IN230	132206
28011-54070	137293	28140-15090	132872	28150-87208	135652	INM676	132897
28011-54070	137293Z	28140-26070	133661	28150-87704	131807	INM906	132709
28011-54380	139653	28140-34030	140362	28151-22060	132879	M5-244A	131270
28011-55050	139653	28140-54070	140364	28160-11711	136862	UNIPOINT	
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28011-60040	130442	28140-64040	137021	28160-1560	138964	AM-1057	234217
28011-60041	130442	28140-76060	137955	28160-26070	132796	AM-1065	234213
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28011-64020	136795	28140-76090	137955	28160-54380	139148	AM-2301	234221
28011-64030	136796	28140-77090	140361	28160-70021	136884	AM-2351	231272
28011-64150	136795	28140-87701	133660	28160-70022	136884	AM-2370-1	231493
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28011-74060	136313	28142-25010	140356	28160-87207	136884	AM-4220	130551
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28011-76070	137753	28142-25020	140359	28160-87706	134370	AM-4251	130553
28011-76070	137753Z	28142-46013	140358	28160-87706	134370	AM-4290	233960
28011-87102	131110	28142-46020	140358	28163-10020	136088	AM-4302	131350
28011-87505	136794	28142-47021	140358	28163-70020	136089	AM-4322	130923
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28011-87710	136797	28149-10020	133808	28163-87701	136089	AM-5021	139148
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28017-19500	131830	28150-10070	138183	28165-26040	135342	AM-7900	234100
28017-19502	131831	28150-12030	131084	28165-77090	138608	AM-7900-1	234100
28017-19511	131833	28150-12031	131084	28177-70020	139049	AM-8001	136896
28017-19512	131832	28150-15010	131807	28211-51011	140326	AM-8041	137953
28106-22060	132570	28150-15011	131807	28222-77090	138148	B-0305	138683
28106-22071	132570	28150-15012	131807	28226-28051	237531	B-0314	137169
28110-10030	230529	28150-15013	131807	28226-54220	139047	B-0403	134677
28110-11010	139076	28150-16160	136886	28226-54380	139494	B-0603	135897
28110-16070	233552	28150-17040	230574	28226-64200	233689	B-0703	134815
28111-46010	140329	28150-22011	130814	28229-56080	135474	B-1003	137763
28111-46011	140330	28150-23010	131084	28235-54070	132563	B-1203	136199
28111-46012	140329	28150-23011	131084	28235-70020	137979	B-2114	137896
28111-47010	141235	28150-24010	231997	28251-15090	136887	B-220314	233663
28111-51010	140326	28150-24011	130814	28251-50020	136887	B-3114	137619
		28150-24030	231997	28251-54070	139455	B-4114	137167
		28150-24060	130814	28253-1040A	235140	LE-3308	233376
		28150-24061	130814	28253-1050A	235211		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LE-6011	235313	SD-5054	138568	SNLS-24B	235443	SNLS-R132	333010
LE-7005	232969	SD-5058	234911	SNLS-258K	234917	SNLS-R241	230186
M-0101	139203	SD-5060	139653	SNLS-273	133554	SNLS-R243	233891
M-0102	135468	SD-5075	234720	SNLS-273	333154	SNLS-R247	237090
M-0105	136895	SD-5080	233451	SNLS-273B	130283	SNLS-R252	333011
M-0112	133403	SD-5080	333753	SNLS-273B	333162		
M-0113	139200	SD-5102	139840	SNLS-2809	130302		
M-0114	135341	SD-5103	234719	SNLS-2809	333137		
M-0115	136894	SD-5136	230857	SNLS-2809	130302Z		
M-0122	231291	SD-5170	138681	SNLS-2819	130303		
M-0209	138579	SD-5274	234708	SNLS-2819	333138		
M-1509	138584	SD-5278	233452	SNLS-2819	333664		
M-1513	230500	SD-5279	132865	SNLS-2819	130303Z		
M-2209	237015	SD-6001	235286	SNLS-2961	231711		
P-06106	136655	SD-6002	235285	SNLS-2962	130303		
P-06212	135403	SD-6104	137218	SNLS-2962	333138		
P-06406	137045	SD-8151	233743	SNLS-2962	333664		
P-06512	135404	SEL-05	131408	SNLS-2962	130303Z		
P-2022	231391	SH-2301	234947	SNLS-2963	231711		
P-2106	231106	SH-2301	333574	SNLS-2964	234129		
P-3508	231891	SH-2351	230843	SNLS-2964	333164		
P-3513	133021	SH-2351	333299	SNLS-2965	231711		
P-3516	138565	SH-3200	133342	SNLS-2965	333165		
P-3519	230717	SH-3600	232311	SNLS-2966	231711		
P-3801	231388	SH-4290	237851	SNLS-2966	333165		
P-4403	137712	SH-5006	139488	SNLS-305	232452		
P-4407	231988	SH-5011H	137021	SNLS-327K	134430		
P-4412	133450	SN2S-258	138311	SNLS-329K	139085		
P-500101	139489	SN2S-258	335228	SNLS-330K	139112		
P-500112	139455	SNLS-001	231527	SNLS-331K	133200		
P-500129	231764	SNLS-001A	231527	SNLS-332K	131078		
P-500708	230561	SNLS-002	231526	SNLS-333K	131079		
P-5008	138576	SNLS-004	231525	SNLS-334K	131275		
P-501208	230561	SNLS-005	234071	SNLS-36A	235646		
P-5015	231805	SNLS-006	234072	SNLS-36B	235647		
P-502227	233375	SNLS-007	234073	SNLS-6006B	333008		
P-502708	234419	SNLS-021	333006	SNLS-600B	131373Z		
P-5613	233374	SNLS-022	333007	SNLS-602	133076		
P-601008	231487	SNLS-051	333003	SNLS-6022	331918		
P-610217	230715	SNLS-066	333018	SNLS-603	133290		
P-610303	231489	SNLS-067	333013	SNLS-6033	234160		
P-610315	231287	SNLS-071	333016	SNLS-6037	230018		
P-610322	231286	SNLS-075	235817	SNLS-603A	234159		
P-700503	141009	SNLS-106B	136632	SNLS-603B	234161		
P-700507	231459	SNLS-106W	231178	SNLS-603C	234162		
P-700511	231456	SNLS-112BR	333020	SNLS-605B	333009		
P-700515	139821	SNLS-116ATP	333004	SNLS-606A	333017		
P-800119	136033	SNLS-116BTR	333012	SNLS-6073	139537		
P-800120	231387	SNLS-117ATP	333005	SNLS-6074	237498		
P-800128	231803	SNLS-12A	132939	SNLS-608	231978		
P-800201	136897	SNLS-12B	235442	SNLS-6089	231977		
P-800230	231483	SNLS-133	130503	SNLS-609	133039		
P-804430	231529	SNLS-1352	235816	SNLS-609-G	133275		
P-8310	233454	SNLS-135HD	235442	SNLS-609N	231820		
P-910507	234681	SNLS-143K	130497	SNLS-6109	233709		
P-911307	233453	SNLS-145K	137809	SNLS-610CP	134915		
P-911807	234681	SNLS-146CK	131057	SNLS-610P	133284		
RS-225	130879	SNLS-146P	131367	SNLS-610S	233889		
SD-2090	234323	SNLS-147CK	131058	SNLS-610U	138957		
SD-2107	137891	SNLS-147P	131368	SNLS-610XP	230385		
SD-2107	137891Z	SNLS-148K	130498	SNLS-612G	133270		
SD-2192	138308	SNLS-151	232221	SNLS-614E	333001		
SD-2192	138308ZZ	SNLS-154P	130489	SNLS-6216	139784		
SD-3018	237015	SNLS-155P	130488	SNLS-6241	231996		
SD-3036	233846	SNLS-156P	133180	SNLS-627K	137798		
SD-3038	236079	SNLS-157G	133146	SNLS-631P	134627		
SD-3039	232054	SNLS-157P	133181	SNLS-640	234992		
SD-3042	236080	SNLS-16A	133616	SNLS-645K	134841		
SD-3080	236110	SNLS-16B	138068	SNLS-647B	231819		
SD-3180	237834	SNLS-1773	235609	SNLS-672P	133286		
SD-4014	133437	SNLS-17A	133617	SNLS-672S	139586		
SD-4061	233436	SNLS-17B	333015	SNLS-675A	231457		
SD-4111	132459	SNLS-203	131793	SNLS-675AK	231458		
SD-4161	231795	SNLS-236B	135583	SNLS-751P	230914		
SD-4163	233967	SNLS-2371	233716	SNLS-7531	237102		
SD-4226	230557	SNLS-237L	134378	SNLS-7532	138418		
SD-5036	137753	SNLS-242	133636	SNLS-7607	137870		
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UNITED TECHNOLOGIES

0145640CP30SM	136655
0255740DV30SM	135403
0261240CP30SM	136660
0815440DV30SM	135402
1090040	140714
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1127040CP30SM	136660
1385540	234213
1385540AT30SM	234213
1637540DV30SM	135401
1693240CP30SM	136655
1801940	135400
1801940DV30SM	135400
1819740CP30SM	231004
1820040DV30SM	135408
1822140CP30SM	136660
1868540	230402
1890040	231162
1890040KT30SM	231162
2024940KT30SM	140714
2025040CP30SM	136655
2034640DV30SM	135404
2071640CP30SM	136655
2136140CP30SM	231004
2136840KT30SM	140749
391705	141053
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4733840DV30SM	135409
4743140CP30SM	136655
4760140KT30SM	140749
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4823040CP30SM	137045
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4872940SC30SM	137045
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5663540AT30SM	234217
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5695240KT30SM	231162
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5695KT30SM	135409
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5716740KT30SM	140714
6024140GE30SM	230399
6073540KT30SM	140714
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BG3037S	141227
BG3038S	141228
BG661011S	141226
BH551008S	230402
CP01456	136655
CP17188	137045
CP18197A3	231004
CP20250	136655
CP20716	136655
CP48229	137045
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CP48231	137045
CP48719	137045
CP48749	137045
CP551353AS	136655
CP551406A	136660

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
UNITED TECHNOLOGIES <i>Continued</i>							
CP551406AS	136660	073315	137289	094782	131798	103611	132177
DV02557	135403	073684	130461	094795	131071	103624	132178
DV08154	135402	074077	136428	095374	131798	103783	131798
DV16375	135401	074322	140680	095381	130463	103794	131584
DV18019	135400	074322	B140680	095425	131069	104164	140440
DV18200	135408	074330	140671	095442	131068	104164	B140440
DV20346	135404	074330	B140671	095464	130760	104502	132178
DV44192	135406	074515	133712	095654	140676	104594	133532
DV47338	135409	074653	136427	095654	B140676	104604	133163
DV47871	135402	074657	231720	095759	131071	104927	132206
DV551067	135409	074658	136426	095823	131798	105254	133534
DV551067A	135409	074764	131071	095956	130761	105325	132200
DV551067AS	135409	074771	134935	095958	130761	105332	132200
DV551092A	135410	074952	140119	095972	136881	105464	140258
DV551092AS	135410	074952	B140119	095976	134615	105464	B140258
DV70104	135402	074981	139588	095981	133136	105489	131584
DV70175	135400	075093	PSX81-824	095990	130762	105538	131999
KT10900	140714	075162	130461	096053	131798	105540	132020
KT18900	231162	075165	130461	096118	130432	105715	140259
KT20249	140714	075238	USX682	096119	131188	105715	B140259
KT21368	140749	075269	PSX115-1162	096473	131810	106009	130948
KT47601	140749	075289	140683	096485	140684	106062	132956
SO51189	138068	075289	B140683	096485	B140684	106140	132181
		075371	137291	096486	138140	106142	133533
		075379	132899	096507	131117	106143	133533
		075452	PSX64-702	096666	132268	108458	133166
		075593	131188	096859	130461	1201728	333869
		075679	130757	097062	130759	132037	B132037
		075707	PSX1324	097298	130461	140496	B140496
		075943	PSX115-1162	097338	133442	140497	B140497
		075953	131618	097394	136642	140498	B140498
		076651	130432	097802	137573	140499	B140499
		076870	133169	097804	134790	140615	B140615
		076980	130759	097843	131117	140734	B140734
		077171	130758	098048	132268	140735	B140735
		077265	131208	098065	131798	180237	PSX1124
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		077771	130241	098800	131798	180754	133233
		077776	130463	098888	140038	180826	132021
		078039	140501	098888	B140038	180827	133897
		078039	B140501	098896	130948	181068	132022
		078166	PSX106-1072	098932	133697	181069	132025
		078265	130461	098945	136620	181084	133077
		078861	130463	099217	131798	181142	132968
		078862	130432	099378	133151	181277	132021
		078863	131188	099382	131127	181404	132024
		078900	PSX1124	099394	136642	181804	131111
		079011	130463	099444	131798	181961	133646
		079243	139380	099686	132966	182036	138112
		079333	132962	099687	132967	182037	PSX152-1538
		079646	132170	099738	131170	182038	138645
		079692	130434	099741	131190	182041	135645
		0809042	231932	099745	133167	182047	131999
		092079	130432	099845	133695	182048	132029
		092081	131188	099931	131111	182049	132027
		092179	130461	099932	133128	182050	231117
		092181	130463	100111	131798	182051	136320
		092322	131798	100187	131798	182052	230253
		092448	130463	100234	231849	182053	132028
		092524	231331	100462	132025	182058	136620
		092528	135018	101061	131127	182060	136227
		092533	135018	101091	132968	182061	140531
		092645	136273	101292	132175	182063	140533
		092655	PSX115-1162	101581	131813	182064	PSX115-1162
		092718	132962	101598	132962	182065	PSX1292/1P
		092744	PSX1254	101763	235840	182066	PSX1332
		092878	PSX1292/1P	101910	137271	182067	PSX1332
		092883	PSX1304	101923	132618	182068	PSX1304
		092914	PSX1332	102101	131127	182069	PSX54-692
		092925	PSX1324	102190	133166	182070	PSX119-1202
		092999	133970	102197	132268	182072	PSX106-1072
		093079	133442	102217	131171	182073	PSX122-123-124
		093297	130432	102295	232011	182096	140536
		093321	130463	102380	131813	182112	PSX77-784
		093509	130461	102849	131584	182114	PSX81-824
		093623	130759	103063	140959	182115	PSX81-824
		093625	131188	103063	B140959	182118	PSX1324
		093670	130461	103066	232632	182132	PSX83-844
		094202	132964	103066	333858	182136	140537
		094635	132962	103489	131584	182138	140539

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
182139	140540	187528	139478	589077	132964	594219	233697
182140	140541	187567	230353	589173	131343	594220	138945
182142	140526	187778	PSX142-1444	593253	138112	594221	230733
182145	140851	187779	PSX142-1444	594015	133079	594222	233617
182146	PSX1124	187788	139477	594019	133079	594232	133079
182148	136005	187863	139473	594021	133079	594234	133079
182152	138176	187888	PSX1564	594024	136908	594237	133079
182153	PSX83-844	187983	230354	594028	132028	594240	136320
182154	132971	187996	139473	594029	132974	594242	231074
182155	138649	188251	139473	594030	139153	594243	135636
182156	132971	188256	135084	594031	132974	594245	131999
182157	140472	188440	239359	594032	132975	594247	138113
182158	140473	188571	PS145	594033	139153	594248	234918
182159	139535	188595	234086	594034	139318	594251	139905
182160	138647	188993	231932	594035	231667	594252	137733
182163	132972	188993	333863	594040	132022	594253	230032
182175	132027	190097	234119	594042	133897	594255	137732
182176	133897	190986	PSX160-1644	594043	230963	594259	137732
182177	132021	190987	239731	594045	132976	594262	139439
182177	231204	190993	239359	594046	234579	594266	233708
182178	133336	191060	PSX160-1644	594047	132977	594267	132976
182194	USX64-652	191601	236797	594048	232012	594268	132976
182197	139174	191601	333870	594053	133533	594269	132976
182201	133167	191769	239359	594054	137300	594271	136255
182243	139898	191771	PSX166-1674	594060	PSX144-145K	594273	132976
182423	132967	191772	PS169B	594061	PSX146-147K	594275	132976
182424	132966	191772	PS170B	594062	PSX144-145K	594276	135392
182430	135292	191772	PSX169-1704	594063	PSX144-145K	594277	139985
182432	132968	191773	PS169B	594064	PSX146-147K	594278	135387
182438	131071	191773	PS170B	594065	PSX1292/1P	594279	139478
182442	133169	191773	PSX169-1704	594068	133077	594280	136255
182452	132268	191824	239731	594069	138114	594281	139439
182455	131798	191849	PSX166-1674	594070	133647	594283	233994
182457	133151	192053	132028	594072	133646	594284	333879
182458	232011	192285	PSX168-1674	594075	135820	594286	141067
182459	133163	192405	192405	594084	133078	594287	139473
182460	133533	192651	237776	594086	137455	594288	234778
182461	131171	192750	332207	594087	132977	594289	230950
182462	133534	192978	236797	594098	132025	594290	139224
182463	133166	192978	333870	594105	133079	594291	233496
182464	133128	193288	239731	594106	138408	594295	231413
182467	230126	193512	330452	594107	233450	594297	233481
182498	136320	193512	333857	594108	135083	594298	138112
182520	133128	194039	333934	594110	231667	594302	233616
182563	132977	194372	332614	594112	135387	594303	230353
182591	135387	194440	330533	594113	132976	594305	135392
182594	138857	194480	330533	594115	135392	594308	234088
182717	136255	195041	333934	594117	132977	594309	234089
182848	139477	195253	333317	594118	135390	594314	235179
183412	134292	195334	333934	594119	132977	594317	PSX144-145K
183776	139898	195356	332614	594127	PSX144-145K	594319	132976
183957	133647	198159	333929	594129	230032	594322	132976
184194	135282	1L22B	333720	594130	230032	594324	230354
184448	132974	2106053	138642	594136	135084	594325	132976
184488	132975	233862	132037	594138	230222	594344	135387
184530	133897	235020	134402	594140	135390	594345	139477
184630	138642	2EM0578E	231000	594141	135388	594347	139476
184671	138408	2EM0588F	330549	594145	132976	594348	235106
184795	139318	2EM0654B	135485	594148	132027	594351	139224
184799	231667	2EM0689H	134736	594151	133079	594354	139985
185182	131999	2H08	333721	594152	235498	594355	133128
185283	233450	300679	PSX81-824	594155	133128	594356	235179
185290	135084	300687	PSX1304	594156	132025	594360	PSX148-159K
185441	135083	300706	PSX133K2	594157	136320	594361	231073
185457	137455	300709	132573	594163	135085	594362	231163
185744	231667	300752	132268	594163	333203	594363	231072
185915	135389	300841	PSX136-1374	594169	PSX148-159K	594365	135390
186020	135083	300842	134902	594177	137733	594368	135084
186321	139905	331638	239398	594178	132976	594370	132976
186381	133647	36100-2G100FFF	335124	594181	231610	594373	138151
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186456	133897	442911	131431	594185	135389	594378	233996
186867	135647	492828	139473	594187	138151	594380	233795
186938	135647	504047	133128	594188	132977	594381	231841
187077	138113	544059	136320	594189	132977	594382	234086
187084	234088	549185	135389	594192	231466	594386	PSX144-145K
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187144	PSX1554	58071	235790	594200	234021	594390	139439
187336	139473	588799	133442	594207	133079	594391	234388
187428	139320	589053	133442	594208	231718	594392	234389
187449	231413	589074	132962	594214	135647	594394	234386

STARTER COMPONENTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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51-1107-25	231246	54-124	131056	54-209	130535	54-8152	231804
51-1109	231244	54-124-1	131056	54-209-9	130535	54-8152-1	231804
51-1118	232501	54-124-2	131056	54-210	231962	54-8152-5	231804
51-1117	139283	54-124-3	131056	54-210-9	231962	54-8153	139132
51-117-2	139283	54-125	132731	54-212	136633	54-8156	233967
51-122	232050	54-125-2	132731	54-212-2	136633	54-8157	235510
51-122-2	232050	54-127	130542	54-213	235624	54-81600	135362
51-132	131481	54-131	133507	54-214	231961	54-8200	132634
51-138	139283	54-131-1	133507	54-214-1	231961	54-8202	132004
51-138-2	139283	54-131-2	133507	54-215	231960	54-8202-1	132004
51-167	130511	54-131-3	133507	54-215-1	231960	54-8202-9	132004
51-171	230542	54-131-4	133507	54-216	138209	54-8203	130442
51-171-25	230542	54-131-5	133507	54-216-1	138209	54-8205	130441
51-222-2	232050	54-131-6	133507	54-217	234861	54-8205-1	130441
51-255	231210	54-132	131481	54-300	131220	54-8207	130442
51-8107	235658	54-132-1	131481	54-300-9	131220	54-8207-1	130442
51-8201	136935	54-132-2	131481	54-301	130536	54-8208	131110
51-8303	231364	54-132-3	131481	54-301-9	130536	54-8208-1	131110
51-8404	231742	54-132-4	131481	54-501-1	233175	54-8209	132863
51-8405	231745	54-132-5	131481	54-7001	135408	54-8209-1	132863
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52-103	133019	54-133-9	233173	54-7003	139418	54-8210	132864
52-103-1	133019	54-135	132695	54-7006	230399	54-8218	136313
52-117	230544	54-135-5	132695	54-7007	230400	54-8220	133661
52-118	230409	54-135-9	132695	54-7012	230399	54-82200	131110
52-121	138699	54-136	131769	54-7016	135400	54-82201	132043
52-124	232530	54-136-9	131769	54-7019	135402	54-82201-5	132043
52-127	232524	54-137-9	130538	54-8100	131985	54-82202	132865
52-130	232524	54-138	133545	54-8100-1	131985	54-82202-1	132865
52-212	231142	54-138-2	133545	54-8101	131986	54-82202-5	132865
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52-700	234209	54-139	130540	54-8103	131988	54-82204	132044
52-703	136655	54-139-9	130540	54-8104	132001	54-82204-5	132044
52-82400	138681	54-140	135816	54-8104-5	132001	54-82206	132866
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52-8301	232491	54-140-5	135816	54-8106	136208	54-82208	135310
52-8306	230487	54-141	132943	54-8109	131783	54-82209	133353
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52-8401	230780	54-149	135063	54-8111	132002	54-8221	133712
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53-108	230821	54-153-1	230911	54-8119	132311	54-82212-1	132405
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53-8401	230778	54-154	231968	54-81200	132003	54-82214	133356
53-8402	231105	54-154-1	231968	54-81200-5	132003	54-82215	138123
53-9100	139911	54-154-2	231968	54-81201	133436	54-82215-5	138123
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54-100-9	132695	54-155	138216Z	54-81204	133606	54-82216-5	135570
54-101	130537	54-155-1	138216	54-81204-1	133606	54-82217	138124
54-101-2	130537	54-155-1	138216Z	54-81205	133041	54-82217-1	138124
54-101-9	130537	54-156	138222	54-81206	133042	54-82217-5	138124
54-106	131429	54-156-1	138222	54-81206-5	133042	54-82219	139606
54-106-9	131429	54-157	230073	54-81209	135364	54-82220	135003
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54-109-2	131769	54-159	138128	54-8125	133605	54-8224	137950
54-110	138128	54-159-1	138128	54-8127	133266	54-8225	139244
54-110-9	138128	54-160	133545	54-8130	133058	54-8226	137952
54-112-1	130540	54-160-1	133545	54-8131	131852	54-8226-3	137952
54-112-2	130540	54-166	231967	54-8133	135091	54-8227	138566
54-112-3	130540	54-166-5	231967	54-8133	135091ZZ	54-8227-5	138566
54-112-4	130540	54-166-9	231967	54-8135	136228	54-8230	133631
54-112-5	130540	54-167	231967	54-8137	134917	54-8231	132547
54-113	232053	54-167-5	231967	54-8138	137752	54-8232	136086
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54-113-2	232053	54-168	231966	54-8138-1	137752	54-8233	133805
54-113-3	232053	54-168-1	231966	54-8138-1	333859	54-8234	137751
54-114	131768	54-168-5	231966	54-8140	132448	54-8234-1	137751
54-114-1	131768	54-172	131768	54-81400	132459	54-8235	137753
54-114-2	131768	54-174	231966	54-81400-1	132459	54-8235	137753Z
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54-118-1	131766	54-202	132751	54-8141	133437	54-8237-1	233398
54-118-2	131766	54-202-5	132751	54-8141-5	133437	54-8237-5	233398
54-122	131770	54-202-9	132751	54-8142	137413	54-8239	139083
54-122-2	131770	54-204	130535	54-8145	132453	54-8240	138137
54-123	130539	54-204-5	130535	54-8146	133266	54-82400	138681
54-123	130539Z	54-204-9	130535	54-8148	136144	54-82401-1	230857
54-123-3	130539Z	54-208	133864	54-8151	137939	54-82402	134806



Cross reference list

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
54-82402	134806Z	54-83403-1	133448	54-9117	333207	54-9153	131597
54-82404	134806	54-83407	132386	54-9118	130414	54-9153-1	333228
54-82404	134806Z	54-83407-1	132386	54-9118	333516	54-9153-1	131597
54-82405	138804	54-83408	132387	54-9118	130414Z	54-9153-1	333228
54-82406	230254	54-83409	132017	54-9118	130414ZZ	54-9153-25	131597
54-82408	139840	54-83410	133480	54-9119	131108	54-9153-25	333228
54-82409	233180	54-83411	135721	54-9120	133498	54-9154	131097
54-8241	132942	54-83413	133449	54-91200	131714	54-9154	333233
54-8241-1	132942	54-83414	233845	54-91201	131774	54-9156	132205
54-8244	234230	54-83414-1	233845	54-91202	132308	54-9156	333196
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54-8245	234402	54-83415-1	231371	54-91203	333175	54-9157	138946
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54-82502	132885	54-83416	133439	54-91204	333173	54-9158	333506
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54-82601	132886	54-83417	233178	54-91205	137199	54-9159	136888
54-82603	135344	54-8346	236779	54-91207	130417	54-9160-1	138233
54-82604	137858	54-8401	133975	54-9121	131019	54-9160-25	138233
54-82605	134269	54-8402	133975	54-9121	333205	54-9161	133362
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54-8304	131087	54-8404-5	134837	54-9123	131065	54-9162	132216ZZ
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54-8304-9	131087	54-8406-1	133854	54-9123	131065Z	54-9165	136925
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54-8306	132005Z	54-8407-5	133976	54-9123-1	131065	54-9167-1	135085
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54-83208	132483	54-9101	130405	54-9138	233842	54-9177	333577
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54-83212	133007	54-9108-1	131267	54-91400	333732	54-9182	130402
54-83213	133009	54-9108-5	131267	54-9140-1	131104	54-9182-1	130402
54-83216	133450	54-9109	131271	54-9140-1	333176	54-9183	231885
54-83218	231456	54-9109	333217	54-9140-1	131104ZZ	54-9183-1	231885
54-83218-5	231456	54-9109-1	131271	54-9140-2	131104	54-9184	131106
54-83219	133007	54-9109-1	333217	54-9140-2	333176	54-9185	132364
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54-8322	130741	54-9109-25	333217	54-9141	131102	54-9187	130388
54-83221	139585	54-9110	134282	54-9141	333220	54-9188	231884
54-83222	230333	54-9110	333197	54-9141	131102Z	54-9189	131433
54-8323	136229	54-91101	137888	54-9142	131150	54-9189	333172
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54-8327	136145	54-9111	131207	54-9144-1	135569	54-9191	231886
54-8327-1	136145	54-91113-3	139954	54-9145	133443	54-9192	137275
54-8327-5	136145	54-91113-3	333208	54-9146	131489	54-9192-1	137275
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54-8332	136348	54-91135	230828	54-9148	132367	54-9195	333178
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54-8336	231952	54-91135-1	333571	54-9150-1	132345	54-9196	333224
54-8336-1	231952	54-9114	132697	54-9150-1	333510	54-9200	130452
54-8338	136923	54-9114-2	132697	54-9150-2	132345	54-9200	130452Z
54-8338-1	136923	54-9115	131381	54-9151	132702	54-9201	130451
54-83401	134966	54-9116	131019	54-9151	333209	54-9202	130445
54-83401-1	134966	54-9116	333205	54-9151-1	132702	54-9203	130453
54-83403	133448	54-9117	130950	54-9151-1	333209	54-9204	130897

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
54-9204-5	130897	55-8306	135468	59-8401-2	135610	61-8105	135649
54-9205	130450	55-8307	135571	59-8402	133392	61-8106	132798
54-9208	131705	55-8308	232969	59-8403	132531	61-8106-1	132798
54-9209	130449	55-8308-1	232969	59-8404	135669	61-8108	132457
54-9210	131707	55-8308-25	232969	59-9102	130130	61-8110	133056
54-9211	131206	55-8310	139533	59-9103	138317	61-8111	137092
54-9212	131707	55-83400	233378	59-9104	131074	61-8113	138701
54-9213	132285	55-8400	134839	59-9105	130131	61-8114	137948
54-9213-5	132285	5590-9003	132874	59-9106	132360	61-8117	233886
54-9214	131728	55-9100	233015	59-9107	131677	61-81702	141139
54-9215	131734	55-9102	137617	59-9108	131314	61-8200	135853
54-9216	131708	55-9103	132808	59-9109	131314	61-8201	134368
54-9217	131733	55-9103	333537	59-9109-3	131314	61-8202	132796
54-9218	131729	55-91400	136283	59-9112	130127	61-8203-2	132869
54-9219	130745	55-9200	134445	59-9113	130128	61-8204	139701
54-9300	131109	55-9400	138854	59-9116	131313	61-8205	134370
54-9300-1	131109	57-1214	231328	59-9117	130065	61-8206	132796
54-9302	139131	57-1222	232844	59-9117	134091	61-8207	134369
54-9303	132194	57-2209	231145	59-9119	131341	61-8208	138675
54-9305	130737	57-83201	135903	59-9122	132905	61-8209	132553
54-9306	130738	57-83202	232970	59-9124	131312	61-8211	136896
54-9307	132821	57-83202-1	232970	59-9126	137234	61-8217	136884
54-93200	130417	57-83203	135784	59-9201	130882	61-8301	132487
54-9400	132181	57-83216	231461	59-9203	130213	61-8302	139646
54-9401	130463	57-84200	232402	59-9205	135200	61-8302-1	139646
54-9402	130759	57-84201	232403	59-9206	132400	61-8302-1-25	139646
54-9404	132177	58-2500	136719	59-9207	130196	61-8303	132486
54-9405	130461	58-2500-25	136719	59-9304	131473	61-8310	134071
54-9408	132178	58-2501	136720	5H-133	233173	61-8311	139352
54-9409	132206	58-2501-25	136720	6-100-4	140271	61-8312	132484
54-9410	132200	58-91500	134897	6-100-4E	140271	61-8313	135832
54-9411	130948	58-91501	134896	6-100-4N	140271	61-8314	136196
54-9412	130757	58-91502	135221	6-100-4W	140271	61-8316	136334
54-9413	130761	58-91503	135222	6-100-4WH	140271	61-8317	139398
54-9414	136642	59-110	132691	61-101	132685	61-8318	230499
54-9415	131111	59-112-10	132691	61-107	131400	61-8320	233337
54-9416	131021	59-112-2	132691	61-107-1	131400	61-8400	133850
54-9417	130432	59-112-3	132691	61-107-25	131400	61-8401	135089
54-9418	130424	59-118	135338	61-111	131661	61-8402	132534
54-9419	130434	59-118-3	135338	61-114	131137	61-8404	132537
54-9422	137271	59-119	132392	61-115	130552	61-8405	132536
54-9423	136619	59-119-3	132392	61-117	131168	61-8406	135668
54-9424	131999	59-120	135338	61-118	131354	61-8407	135667
54-9426	138208	59-120-3	135338	61-119	131359	61-8408	133391
54-9427	132177	59-130	131360	61-120	130551	61-9100	131075
54-9428	132182	59-130-3	131360	61-120-1	130551	61-9101	131309
54-9429	133442	59-132	130495	61-121	130923	61-9102	130113
54-9430	131170	59-132-1	130495	61-121-1	130923	61-9103	130114
54-9431	136426	59-132-3	130495	61-122	131365	61-9104	130115
54-9432	130422	59-133	130495	61-122-1	131365	61-9105	130116
54-9433	235087	59-133-1	130495	61-123	131350	61-9108	131666
54-9434	135647	59-133-3	130495	61-124	130554	61-9109	130119
54-9435	230963	59-135	131351	61-124-25	130554	61-9110	130319
54-9503	133860	59-135-3	131351	61-125	130553	61-9111	131124
54-9900	132070	59-136	131366	61-132	132729	61-9112	130320
55-101	132681	59-136-3	131366	61-132-9	132729	61-9113	130120
55-101-10	132681	59-137	130496	61-133	131627	61-9114	133486
55-101-11	132681	59-137-1	130496	61-134	131403	61-9115	130109
55-104	132678	59-137-25	130496	61-135-9	131658	61-9117	138848
55-104-1	132678	59-145	232872	61-136	131659	61-9118	131663
55-104-25	132678	59-147	232873	61-136-9	131659	61-9119	131116
55-105	131408	59-148	232874	61-139	132685	61-9120	132904
55-108	131358	59-151	232877	61-139-9	132685	61-9121	130117
55-109	130530	59-151-3	232877	61-140	230604	61-9122	131379
55-109-25	130530	59-152	135338	61-140-1	230604	61-9123	130117
55-110	131353	59-179	130495	61-143	232890	61-9124	131311
55-113	135204	59-184	235740	61-144	232891	61-9125	132816
55-114	135204	59-7112	134091	61-145	230388	61-9125	335177
55-115	135204	59-8108	135101	61-145-1	230388	61-9126	132332
55-117	138214	59-8109	134346	61-146	231471	61-9127	132815
55-120	232826	59-8113	234099	61-151	233960	61-9129	134514
55-1200	232827	59-8114	134346	61-210	136634	61-9129	333588
55-1201	230108	59-8115	139176	61-210-1	136634	61-9130	137069
55-1202	230513	59-8203	135751	61-211	231138	61-9131	132814
55-124	235734	59-8203-25	135751	61-211-1	231138	61-9132	138674
55-1403	138215	59-8206	135102	61-211-25	231138	61-9133	135351
55-1404	235735	59-8207	232908	61-700	234204	61-9134	132031
55-209	136636	59-8208	135750	61-704	234213	61-9135	137233
55-209-25	136636	59-8303	232970	61-8100	132454	61-9136	136784
55-8201	139492	59-8303-1	232970	61-8103	133031	61-9138	136986
55-8303	133463	59-8401-1	135610	61-8104	234797	61-9140	130060

STARTER COMPONENTS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
61-9148	233715	62-2604	140188	62-85300	140648	66-100-6	131590
61-9149	234022	62-2604-1	140188	62-85901	141182	66-101	130499
61-9150	231065	62-2605	140193	62-91200	141117	66-101-1	130499
61-9150	335077	62-2700	140843	62-91300	140208	66-101-2	130499
61-9151	139658	62-3400	140186	62-91300	B140208	66-101-4	130499
61-9203	130200	62-5700	141143	62-91302	140249	66-101-5	130499
61-9204	130878	62-5800	141144	62-91302	B140249	66-101-6	130499
61-9205	133368	62-6500	141157	62-91304	140204	66-102	130500
61-9206	130202	62-6500-1	140052	62-91305	141118	66-103	132696
61-9207	132401	62-6600	140264	62-91306	141061	66-105-2	131361
61-9302	130386	62-6600	B140264	62-91307	140563	66-106	131363
61-9303	131470	62-6601	141158	62-91308	140842	66-106-2	131363
61-9401	131813	62-6602	140257	62-91400	140008	66-107	131364
61-9402	132027	62-804	141048	62-91400	B140008	66-107-2	131364
61-9405	131190	62-81200	141132	62-91401	140500	66-110	131363
61-9409	131813	62-81300	141133	62-91401	B140500	66-113	131369
61-9415	130147	62-81301	141134	62-91402	140009	66-113-1	234476
61-9416	134513	62-81400	140314	62-91403	140003	66-113-2	131369
61-9417	139593	62-81400	B140314	62-91404	140016	66-114	131349
62-1200	140939	62-81401	140315	62-91404	B140016	66-114-1	131349
62-1201	141046	62-81402	141135	62-91405	140012	66-114-2	131349
62-1302	140940	62-81402-1	140311	62-91406	140020	66-115	231912
62-1303	140941	62-81404	140310	62-91406	B140020	66-115-5	231912
62-1304	141047	62-81404	B140310	62-91407	140010	66-116	131356
62-1307	141122	62-81407	140309	62-91407	B140010	66-117	139209
62-1400	141123	62-81409	141136	62-91408	140017	66-118	231914
62-1400-1	141123	62-81500	140316	62-91409	140018	66-118-5	231914
62-1400-2	141123	62-81500	B140316	62-91409	B140018	66-119	231915
62-1400-3	141123	62-81501	140318	62-91410	140853	66-119-1	231915
62-1400-4	141123	62-81502	140313	62-91410	B140853	66-1200	131057
62-140070	140070	62-81502	B140313	62-91411	140854	66-1201	131058
62-1400-8	141123	62-81600	140306	62-91411	B140854	66-1202	131367
62-1402	140183	62-81605	140489	62-91411-1	140854	66-1203	131368
62-1402-1	140183	62-81606	140805	62-91500	140006	66-1204	131057
62-1402-2	140183	62-81701	141138	62-91500	B140006	66-1205	131058
62-1402-3	140183	62-81702	140669	62-91501	140004	66-1208	135324
62-1402-8	140183	62-81702	B140669	62-91501	B140004	66-121	235006
62-1403	141124	62-81703	141140	62-91502	140019	66-121-1	235006
62-1404	141124	62-81800	140317	62-91502	B140019	66-1212	139429
62-1406	140217	62-81800	B140317	62-91503	140203	66-121-25	235006
62-1406-1	140217	62-81801	141082	62-91503	B140203	66-121-3	235006
62-1408-1	140660	62-8215-1	140885	62-91600	140027	66-1216	130497
62-1500	140185	62-82200	140788	62-91600	B140027	66-121-6	235006
62-1500-1	140185	62-82201	140965	62-91601	140962	66-121-7	235006
62-1500-2	140185	62-82202	140788	62-91700	140026	66-1218	137809
62-1500-S	140185	62-82220	140788	62-91701	140025	66-122	232218
62-1501	140181	62-82400	141153	62-91701	B140025	66-1222	232226
62-1501-1	140181	62-82401	140787	62-91702	140927	66-1223	138409
62-1501-2	140181	62-82402	140326	62-91702	B140927	66-1226	139429
62-1501-3	140181	62-82403	140326	62-91800	140111	66-123	230198
62-1501-4	140181	62-82404	140325	62-91901	140256	66-123-5	230198
62-1501-D	140181	62-82405	141011	62-91902	140692	66-124	133060
62-1502	140181	62-82406	140426	62-92500	140656	66-125	137339
62-1503	140070	62-82501	141011	62-92500	B140656	66-126	131363
62-1504	140071	62-82600	140777	62-92501	140657	66-127	231916
62-1504-1	140071	62-82800	141154	62-92501	B140657	66-127-5	231916
62-1505	140215	62-82801	141155	62-92600	140658	66-129	139337
62-1600	140074	62-82900	140778	62-92600	B140658	66-129-1	139337
62-1601	140478	62-82904	140774	62-92900	140659	66-1302-1	130497
62-1700	140404	62-83300	140555	62-92900	B140659	66-1303	135323
62-1701	140182	62-83301	141145	62-93400	140200	66-1308	137809
62-1702	140406	62-83302	141146	62-93500	140202	66-131	132944
62-1703	140776	62-83303	140731	62-93700	140201	66-131-1	132944
62-1704	140944	62-83304	141148	62-93700	B140201	66-1315	232031
62-1800	140477	62-83401	140322	62-94201	140499	66-1316	130497
62-1801	140206	62-83402	140320	62-94400	140040	66-132	138217
62-1802	140214	62-83403	140428	62-94702	141160	66-132-2	138217
62-1803	140942	62-83404	140429	62-99500	140043	66-132-3	138217
62-1804	141048	62-83405	141150	64-100-81N	140271	66-132-4	138217
62-1805	141125	62-83500	140321	64-301-9	130536	66-133	137370
62-1903	141126	62-83501	140321	64-84700	140449	66-133-2	137370
62-2200	140787	62-83502	140908	65-8105-1	131800	66-133-25	137370
62-2301	141074	62-83600	141131	6-608-4	140222	66-134	231929
62-2401	140189	62-83700-8	140484	6-608-4E	140222	66-135	231921
62-2402	140844	62-84500	140601	6-608-4W	140222	66-135-1	231921
62-2403	141075	62-84501	140521	66-100	131590	66-135-9	231921
62-2404	140467	62-84502	141127	66-100-1	131590	66-138	231925
62-2500	141076	62-84503	141128	66-100-2	131590	66-139	131590
62-2600	140553	62-84504	140906	66-100-4	131590	66-1404	135643
62-26004-1	140188	62-84505	140517	66-100-5	131590	66-1404-1	135643
62-2601	141129	62-84700	140449	66-100-5-25	131590	66-141	231920

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
66-141-1	231920	66-8109	132094	66-82354	139641	66-83211	137931
66-142	231917	66-8110	132698	66-82355	233066	66-8321-1	235103
66-142-1	231917	66-8110-5	132698	66-82400	132878	66-83212	231458
66-143	232219	66-8111	132058	66-82401	132878	66-83212-2	231458
66-143-2	232219	66-8111-5	132058	66-82402	132879	66-83213	134625
66-144	231919	66-8112	132094	66-82404	136033	66-83219	232225
66-144-5	231919	66-8113	133054	66-82450	132707	66-8322	234319
66-145	231922	66-8113-2	133054	66-82452	132706	66-8322-1	234319
66-145-2	231922	66-8113-3	133054	66-82453	132884	66-83222	133286
66-147	231926	66-8114	133043	66-82454	132881	66-83223	232225
66-148	231913	66-8114-1	133043	66-82455	133094	66-8323	132591
66-148-1	231913	66-8118	132915	66-82456	132708	66-8325	133289
66-154	333782	66-8120	133044	66-82457	132883	66-8326	133288
66-155	235609	66-81200	133269	66-82458	136607	66-8326-2	133288
66-1600	132736	66-81200-2	133269	66-82459	136606	66-8326-3	133288
66-1600-1	132736	66-81201	134620	66-82460	138929	66-8327	133049
66-1600-25	132736	66-81203	133276	66-82461	138931	66-8327-3	133049
66-1601	132735	66-8120-3	133044	66-82550	135342	66-8328	133039
66-1603	130521	66-81204	133778	66-82551	135343	66-8330	133289
66-1604	130522	66-81204-2	133778	66-82552	135343	66-8330-2	231977
66-1605-1	130522	66-81205	133803	66-82600	132563	66-8330-3	133289
66-1607	133022	66-81207	133276	66-82601	132570	66-8330-3	133289
66-1607-25	133022	66-81207-2	133276	66-82603	136374	66-8330-3	231977
66-1608	130521	66-81208	138818	66-82603-1	136374	66-8331	132471
66-1609	135462	66-81209	138819	66-82605	132570	66-8331	231981
66-1609-25	135462	66-8121	133045	66-82606	132570	66-8331-1	132472
66-165	232221	66-81213	138818	66-82607	135865	66-8338	133050
66-165-1	232221	66-8128	133047	66-82608	136901	66-8340	234875
66-165-4	232221	66-8128-5	133047	66-82650	233069	66-8341	133289
66-1700	132952	66-8129	230697	66-82651	233077	66-8344	231978
66-1701	233396	66-8131	133044	66-82652	233078	66-8346	138011
66-1701-1	233396	66-8134-1	139851	66-82654	135016	66-8347	137930
66-1702	232910	66-8135	139784	66-82750	131831	66-8349	138012
66-1703	232911	66-8136	232200	66-82751	131830	66-8350	137813
66-1703-B100	232911	66-8136-2	232200	66-82752	131833	66-8350-2	137813
66-1705	139430	66-8137	137795	66-82753	131831	66-8351	136344
66-200	235442	66-8137-3	137795	66-82757	233168	66-8352	234320
66-202	231930	66-8138	138814	66-82758	235638	66-8357	233137
66-203	232220	66-8138-2	138814	66-82765	233080	66-8360	231983
66-204	131590	66-8141	233122	66-82767	132565	66-8363	231457
66-205	136632	66-8146	138364	66-82771	233081	66-8363-2	231457
66-205-2	136632	66-8147	234555	66-82773	233169	66-8363-3	231457
66-205-3	136632	66-8148	138739	66-82775	132568	66-8364	231820
66-207	138496	66-8149	131800	66-82775	135385	66-8365	231982
66-207-2	138496	66-8149-1	131800	66-8300	231976	66-8366	137813
66-208	231178	66-8150	234556	66-8300-2	231976	66-8367	234291
66-208-2	231178	66-8151	133749	66-8301	231976	66-8367-1	234291
66-208-25	231178	66-8151-1	133749	66-8302	131802	66-8370	231454
66-208-3	231178	66-8152	231910	66-8303	132095	66-83701	233166
66-209	231179	66-8152-1	231910	66-8304	133052	66-83705	133275
66-209-2	231179	66-8155	132058	66-8305	132473	66-8373	234292
66-210	233890	66-8156	231910	66-8305-1	132473	66-8373-1	234292
66-210-1	233890	66-8156-5	135287	66-8306	133052	66-8375	237498
66-2201	137582	66-8157	231996	66-8307	133053	66-8377	139202
66-2201-1	137582	66-8158	132698	66-8307-1	133053	66-8378	139586
66-2201-2	137582	66-8158-5	132698	66-8309	139614	66-8379	230204
66-2203	138497	66-8159	133750	66-8309-2	139614	66-8380	234723
66-2204	138497	66-81700	133270	66-8309-25	139614	66-8398	234114
66-2204-2	138497	66-81701	135105	66-8309-3	139614	66-8400	134630
66-2401	232942	66-8202	132641	66-8310	132471	66-8400-2	134630
66-2550	137529	66-8202-1	132641	66-8310-5	132472	66-8402	132498
66-2551	137529	66-8203	231997	66-8315	132917	66-8402-2	132498
66-2755	137529	66-8205	131807	66-8315	133050	66-8404	133852
6-638-4	140960	66-8205-5	131807	66-8315-1	132917	66-8404-2	133852
6-638-4E	140960	66-8209	133675	66-8315-1	133050	66-8405	137811
6-638-4W	140960	66-8209-2	133675	66-8317	231978	66-8405-2	137811
66-5200	132141	66-8209-3	133675	66-8318	138418	66-8406	231927
66-600	232905	66-8210	133809	66-8319	136142	66-8406-2	231927
66-7000	133856	66-8211	230576	66-83200	133287	66-8407	231251
66-7001-2	231811	66-8214	137566	66-83200-2	133287	66-8407-2	231251
66-7804	141210	66-8215	137567	66-83201	133273	66-8408	135521
66-8100	132093	66-8217	233951	66-83202	133113	66-8408-2	135521
66-8100-2	132093	66-8218	233952	66-83203	133287	66-8409	132499
66-8101	130811	66-82201	133099	66-83203-2	133287	66-8409-2	132499
66-8104	131144	66-82203	137869	66-83204	232225	66-8410	134974
66-8105	131800	66-8224	136886	66-83204-2	232225	66-8410-2	134974
66-8106	132093	66-82306-2	133285	66-83205	134915	66-8411	132500
66-8107	132059	66-82350	139642	66-83206	133285	66-8411-2	132500
66-8107-5	132059	66-82351	139643	66-83207	133284	66-8412	133482
66-8108	131431	66-82352	139644	66-83209	138821	66-8412-2	133482
66-8108-1	131431	66-82353	139640	66-8321	235103	66-8413	133395



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
66-8413-2	133395	66-91214	133148	66-9194-1	234859	68-107	RX954
66-8414	135674	66-91215	138004	66-9195	231801	68-108	RX698
66-8414-2	135674	66-9121-5	130302	66-9195	333493	68-108-3	RX698
66-84201	137824	66-9121-5	333137	66-9195-1	231801	68-109	RX1224
66-84203	137824	66-9121-5	130302Z	66-9195-1	333493	68-109-3	RX1224
66-84650	139836	66-91216	131335	66-9196	138971	68-110	RX708
66-8500	133076	66-91218	133447	66-9196	333148	68-110-3	RX708
66-8500-2	133076	66-9123	131042	66-9200	131786	68-111	RX122H4
66-8500-3	133076	66-9123	333587	66-9200-5	131786	68-111-3	RX122H4
66-8501	133076	66-9123-1	131042	66-9203	131252	68-112	RX1344
66-8502	136983	66-9123-1	333587	66-9203-5	131252	68-112-3	RX1344
66-8503	137023	66-9124	135878	66-9204	130855	68-113	RX134H4
66-8503-3	137023	66-9124-1	135878	66-9204-5	130855	68-113-3	RX134H4
66-8504	234160	66-9125	130468	66-9205	131785	68-114	RX122H4
66-8505	232004	66-9126	131586	66-9205-1	131785	68-114-3	232984
66-8505-1	232004	66-9126	333146	66-9206	131787	68-115	RX1246
66-8506	230018	66-9126-2	131586	66-9207	131248	68-116	RX9212
66-8507	232004	66-9126-2	333146	66-9207-1	131788	68-116-3	RX9212
66-85200	133782	66-9126-3	131586	66-9207-5	131788	68-117	RX124H6
66-85200-2	133782	66-9126-3	333146	66-9208	131247	68-117-3	RX124H6
66-85201	137084	66-9127	131790	66-9208-1	131247	68-124	RX664
66-9100-2	130806	66-9128	130475	66-9209	131248	68-126	RX1214
66-9101	130477	66-9129	130476	66-9209-5	131248	68-127	RX1074
66-9102	130297	66-9130	133428	66-9210	131121	68-129	RX1354
66-9102-1	130297	66-9131	130474	66-9211	133531	68-129-3	RX1354
66-9104	131053	66-91352	133573	66-9211-2	133531	68-130	RX135H4
66-9104	333143	66-91353	133572	66-9212	134696	68-130-3	RX135H4
66-9105	131141	66-9136	133642	66-92200	131275	68-139	140755
66-9105	333144	66-9140	132363	66-92201	131275	68-140	141045
66-9106	132361	66-9140	333169	66-92202	131274	68-140-1	141045
66-9106	333167	66-9140-1	132363	66-92202-5	131274	68-142	140943
66-9106-1	132361	66-9140-1	333169	66-9301	130830	68-142-1	140943
66-9106-1	333167	66-9141	137368	66-9302	131112	68-142-2	140943
66-9107	130303	66-9141-1	137368	66-9302-1	131112	68-142-3	140943
66-9107	333138	66-9146	131791	66-9303	131115	68-146-3	232984
66-9107	333664	66-9146-5	131791	66-9303-1	131115	68-149	141242
66-9107	130303Z	66-9147	132258	66-9400	133122	68-203	FX412/1P
66-9108	132803	66-9147	333142	66-9401	133163	68-204	FX412/1P
66-9110	130283	66-9155	130476	66-9403	133534	68-204-3	FX412/1P
66-9110	333162	66-9156	133141	66-9408	131584	68-205	FX412/1P
66-91101	139075	66-9157	136025	66-9409	131071	68-205-1	FX412/1P
66-9110-2	133554	66-9158	135358	66-9410	131009	68-206	140548
66-9110-2	333154	66-9159	136692	66-9411	131013	68-207	140548
66-91104-2	133554	66-9162	233896	66-9412	132241	68-207-1	140548
66-91104-2	333154	66-9163	137693	66-9413	131798	68-207-1-Q25	140548
66-9111	131189	66-9163-2	137693	66-9416	133532	68-208	140548
66-9111-1	131189	66-9164	138005	66-9417	133166	68-208-1	140548
66-9115	130300	66-9165	133487	66-9418	132268	68-209	140548
66-9115	231975	66-9166	137696	66-9419	131010	68-209-1	140548
66-9116	131143	66-9167	137175	66-94200	132968	68-217	140845
66-9116	333147	66-9168	136370	66-9421	137300	68-217-2	140845
66-9117	133644	66-9169	230323	66-9427	136255	68-217-3	140845
66-9117	333555	66-9170	133424	66-9427-1	136255	68-218	140845
66-9118	130304	66-91701	132275	66-94700	132147	68-218-2	140845
66-9118	333155	66-91702	136034	66-9500	135092	68-218-3	140845
66-9118-1	130304	66-9172	136371	66-9501	134042	68-219-1	140845
66-9118-1	333155	66-9173	134824	67-700	139858	68-219-2	140845
66-9119	130305	66-9173	333145	67-701	139859	68-219-3	140845
66-9119	333159	66-9175	133421	67-702	132939	68-220	140845
66-9120	133487	66-9175	333545	67-703	132940	68-220-1	140845
66-91200	130479	66-9176	134376	67-703-1	132940	68-220-2	140845
66-91200-2	130479	66-9179	136544	67-705	231525	68-220-3	140845
66-91201	139213	66-9180	134823	67-707	231527	68-223	140955
66-91202	131847	66-9181	130300	67-708	231526	68-224	140955
66-91203	132781	66-9181-1	130300	67-709	231525	68-227	140975
66-91203-2	132781	66-9183	131790	67-710	133857	68-227	B140975
66-91204	132780	66-9184	135358	67-711	139856	68-228	140975
66-91204-2	132780	66-9185	130296	67-712	139857	68-228	B140975
66-91205	133159	66-9186	130470	67-713	133856	68-300	CHX101P
66-91206	133777	66-9187	230324	67-714	133855	68-301	CHX101P
66-91207	131317	66-9187-5	230324	67-715	139860	68-301-1	CHX101P
66-91208	132779	66-9188	138313	67-718	139858	68-301-3	CHX101P
66-91208-2	132779	66-9189	137276	67-8200	133711	68-620	EX85-862/1
66-91209	138006	66-9189	333141	68-100	RX604	68-621	EX85-862/1
66-9121	130302	66-9189-5	137276	68-100-88	RX604	68-635	141213
66-9121	333137	66-9189-5	333141	68-101	RX1084	68-6428	PSX81-824
66-9121	130302Z	66-9190	230356	68-101-88	RX1084	68-6800	140712
66-91210	132780	66-9190	333157	68-102	RX1214	68-6801	140713
66-91211	132279	66-9191	139014	68-104	RX874	68-7800	140714
66-91213	136108	66-9192	233796	68-105	RX874	68-7800-3	140714
66-91213-2	136108	66-9194	234859	68-106	RX954	68-7801	141053

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
68-7802	141049	68-8208-1	140364	68-8315-3	142331	68-9128-2	134658
68-7803	141211	68-8209	140349	68-8317	140560	68-9128-2	333296
68-7804	141210	68-8210	140396	68-8317	GAS119	68-9129	134658
68-7805	141052	68-8210-1	140396	68-8317	GAS120	68-9129	333296
68-7806	139394	68-8210-3	140396	68-8317-3	140560	68-9129-1	134658
68-8100	140338	68-8211	140362	68-8317-3	GAS119	68-9129-1	333296
68-8100-2	140338	68-8212	140362	68-8317-3	GAS120	68-9129-2	134658
68-8100-3	140338	68-8213	140361	68-8318	140591	68-9129-2	333296
68-8101	140338	68-8214	140885	68-8321	140921	68-9129-4	134658
68-8101-3	140338	68-8215	140885	68-8322	140921	68-9129-4	333296
68-8102	140339	68-8215-3	140885	68-8323	140559	68-9130	BS159
68-8103	140339	68-8216	140963	68-8323	142331	68-9130-1	134658
68-8104	140336	68-8216-3	140963	68-8328	141245	68-9130-1	333296
68-8105	140336	68-8217	140963	68-8330	141245	68-9132	BS158
68-8106	140341	68-8217-3	140963	68-8337	140966	68-9133	BSX138-1424
68-8107	140341	68-8219	140396	68-83702	136946	68-9134	BSX444
68-8108	140334	68-8219-1	140396	68-83800	140388	68-9135	BSX1474
68-8108-2	140334	68-8219-2	140396	68-83800-3	140388	68-9136	BSX1484
68-8108-3	140334	68-8219-3	140396	68-8400	140600	68-9138	141008
68-8109	140334	68-8220	140740	68-8400-3	140600	68-9139	134658
68-8109-2	140334	68-8220-1	140740	68-8401	140600	68-9139	333296
68-8110	140334	68-8220-3	140740	68-8401-3	140600	68-9140	134658
68-8110-2	140334	68-8221	140647	68-8402	140732	68-9140	333296
68-8110-3	140334	68-8222	140602	68-8402-2	140732	68-9140-3	134658
68-8111	140334	68-8222-3	140602	68-8403	140732	68-9140-3	333296
68-8112	140376	68-8223	140393	68-8403-2	140732	68-9142	BSX134-1444
68-8113	140376	68-8224	140393	68-8404	140507	68-9143	136557
68-8116	140391	68-8224-3	140393	68-8405	140488	68-9143	333286
68-8118	140379	68-8225	140976	68-8406	140488	68-9143-3	136557
68-8118-2	140379	68-8225-3	140976	68-8407	140448	68-9143-3	333286
68-8118-3	140379	68-8226	140976	68-8408	140549	68-9144	135015
68-8118-4	140379	68-8226-3	140976	68-8409	140549	68-9144	333287
68-8119	140376	68-8229	141267	68-8410	140551	68-9144-3	135015
68-8119-2	140376	68-8300	140347	68-8410-3	140551	68-9144-3	333287
68-8120	140377	68-8300-3	140347	68-8411	140507	68-9145	135015
68-8121	140378	68-8302	140595	68-8500	140841	68-9145	333287
68-8122	140786	68-8303	141189	68-8500-3	140841	68-9146	BSX163-1644
68-8123	140786	68-8305	140349	68-8501	140841	68-9147	BSX163-1644
68-8124	140786	68-8305-3	140349	68-8501-25	140841	68-9147-3	BSX163-1644
68-8124-25	140786	68-8306	140387	68-8501-3	140841	68-9200	LASX43-442
68-8124-3	140786	68-8306-3	140387	68-8800	134839	68-9201	LASX37-38-39
68-8125	140786	68-8308	140388	68-8900	140706	68-9202	LASX22
68-8125-3	140786	68-8308-3	140388	68-8900-2	140706	68-9203	LASX73-412/1P
68-8126	140933	68-8309	140378	68-8900-3	140706	68-9204	LASX73-412/1P
68-8127-3	140934	68-8309-3	140378	68-9100	BSX524	68-9206	LASX364
68-8128	140852	68-8310	140708	68-9101	BSX124	68-9207	LASX314
68-8128-1	140852	68-8311	140560	68-9102	BSX494	68-9208	LASX15-274
68-8128-3	140852	68-8311	GAS119	68-9103	BSX434	68-9209	LASX15-274
68-8128-4	140852	68-8311	GAS120	68-9105	BSX1024	68-9210	LASX5-62/1P
68-8129	140852	68-8311-25	140560	68-9108	BSX1044	68-9211	LASX5-62/1P
68-8129-1	140852	68-8311-25	GAS119	68-9108-2	BSX1044	68-9212	LASX5-62/1P
68-8129-2	140852	68-8311-25	GAS120	68-9109	BSX1044	68-9300	JSX134
68-8129-3	140852	68-8311-3	140560	68-9109-2	BSX1042	68-9301	JSX162
68-8129-4	140852	68-8311-3	GAS119	68-9110	BSX137-1434	68-9302	JSX204
68-8130	140337	68-8311-3	GAS120	68-9110-1	BSX137-1434	68-9303	MASX13-144
68-8131	140781	68-8312	140559	68-9111	BSX137-1434	68-9306	JSX52
68-8132	140781	68-8312	142331	68-9113	BSX134-1444	68-9307	MASX17-184
68-8133	140786	68-8312-25	140559	68-9113-3	BSX134-1444	68-9403	USX91-922
68-8134	141023	68-8312-25	142331	68-9114	BSX1304	68-9404	USX91-922
68-8135-1	140378	68-8312-3	140559	68-9116	BSX964	68-9405	USX73-852
68-8136	140852	68-8312-3	142331	68-9116-2	BSX964	68-9406	USX73-852
68-8136-1	140852	68-8313	140559	68-9116-3	BSX964	68-9411	PSX1332
68-8136-3	140852	68-8313	142331	68-9117	BSX1004	68-9412	PSX1332
68-8137	140852	68-8313-25	140559	68-9118	BSX1314	68-9413	PSX1292/1P
68-8200	140362	68-8313-25	142331	68-9120	BSX704	68-9414	PSX1292/1P
68-8200-2	140362	68-8313-3	140559	68-9121	BSX124F4	68-9419	PSX136-1374
68-8200-3	140362	68-8313-3	142331	68-9122	141183	68-9420	PSX136-1374
68-8201	140362	68-8314	140560	68-9124	142326	68-9421	PSX81-824
68-8202	140356	68-8314	GAS119	68-9124	BSX135-1454	68-9422	PSX81-824
68-8203	140359	68-8314	GAS120	68-9125	142340	68-9423	PSX83-844
68-8203-2	140359	68-8314-2	140560	68-9125	BSX764	68-9424	PSX83-844
68-8204	140393	68-8314-2	GAS119	68-9126	142325	68-9427	PSX1324
68-8204-3	140393	68-8314-2	GAS120	68-9126	142334	68-9429	PSX81-824
68-8205	140356	68-8314-3	140560	68-9126	BSX151S4	68-9430	PSX1324
68-8206	140591	68-8314-3	GAS119	68-9126-2	142325	68-9431	PSX1324
68-8206-2	140591	68-8314-3	GAS120	68-9126-2	142334	68-94800	PSX1292/1P
68-8206-3	140591	68-8315	140559	68-9126-2	BSX151S4	68-95800	JSX162
68-8207	140361	68-8315	142331	68-9127	BSX1404	68-95801	IKSX2-32
68-8207-1	140361	68-8315-2	140559	68-9127-2	BSX1404	68-9900	140465
68-8207-3	140361	68-8315-2	142331	68-9128	134658	6-902-2	140224
68-8208	140364	68-8315-3	140559	68-9128	333296	6-902-2W	140224



Cross reference list

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
6-902-4	140224	69-8114	137750	69-91703	133556	71-84101	232589
6-903-2	140225	69-8115	137750	69-91704	132223	71-84500	133965
6-903-4	140225	69-8115-3	137750	69-91706	132576	71-84700	135199
6-903-4W	140225	69-8117	137121	69-91707	133557	71-85300	133670
6-904-2	140226	69-8117-3	137121	69-91708	135299	71-91103	136915
6-904-4	140226	69-8118	137121	69-9200	131169	71-91304	234887
6-904-4W	140226	69-8118-1	137121	69-9200-3	131169	71-91305	136915
6-905-4	140227	69-8120	133730	69-9201	134452	71-91310	133478
6-906-4	140868	69-8200	132871	69-92700	132209	71-91314	137173
69-101	130520	69-8201	132872	69-94200	132574	71-91316	137173
69-102	131346	69-8201-3	132872	69-94200-1	132574	71-91700	131448
69-102-1	131346	69-8202	132873	69-94200-3	132574	71-94100	134106
69-103	131352	69-8203	132874	69-94201	133647	71-94300	134107
69-103-3	131352	69-8204	133337	71-1100	133027	72-1101	232998
69-104	130523	69-8205	136314	71-1104	233142	72-1102	232999
69-105	131362	69-8206-1	133661	71-1107	139660	72-1105	233000
69-105-1	131362	69-8207-1	137955	71-1109	232916	72-1106	233979
69-105-3	131362	69-8208	138672	7-1111	132707	72-1110	233001
69-108	135720	69-8210	133660	71-1112	232917	72-1112	232917
69-108-1	135720	69-8211	136103	71-1113	232918	72-1400	230539
69-111	235500	69-8211	335007	71-1302	230106	72-82408	132063
69-113	232968	69-82701	132887	71-1302-1	230106	72-82409	135168
69-113-1	232968	69-8300	133338	71-1304-1	139798	72-82410	135167
69-113-2	232968	69-8301	133339	71-1308	230539	72-82413	135476
69-114	230396	69-8301-1	133339	71-1309	230540	72-82415	139420
69-114-1	230396	69-8302	132475	71-1310	133024	72-94400	134289
69-115	131482	69-8306	133340	71-1311	133024	74-1115	232920
69-115-1	131482	69-8306-3	133340	71-1313	134429	76-1112	138225
69-117	232984	69-8308	133341	71-1319	230414	76-1113	232924
69-117-1	232984	69-8309	133342	71-1331	138224	76-1115	230394
69-118	232671	69-8311	133886	71-1500	233048	76-1251	230594
69-118-1	232671	69-8312	231460	71-1501	233046	76-1251-1	230594
69-120	232968	69-8312-1	231460	71-1503	136340	76-1255	233007
69-1200	132114	69-8312-25	231460	71-1504	233057	76-1256	233144
69-1201	131406	69-8313	137929	71-1506	233049	76-1305	132726
69-1201-1	131406	69-8313-1	137929	71-1507	233050	76-1309	233155
69-1201-2	131406	69-8315	135467	71-1508	233051	76-1310	232985
69-1201-3	131406	69-8317	137929	71-1510	233053	76-1601	138144
69-1202	132113	69-8318	137929	71-1511	233046	76-1602	138680
69-1202-1	132113	69-8332	234811	71-1512	230378	76-1604	232590
69-1202-2	132113	69-83701	136947	71-1514	235736	76-1605	230541
69-1205	136924	69-83702	136946	71-1701	132682	76-1605-25	230541
69-121	234768	69-8400	134842	71-1702	135642	76-1609	230595
69-1500	132730	69-8400-1	134842	71-1703	132682	76-1701	232986
69-1700	132115	69-84700	134843	71-2101	232945	76-1800	233013
69-1700-25	132115	69-9100	131185	71-2309	136639	76-1801	233014
69-1701	230517	69-9100	333293	71-5300	136412	76-1803	232926
69-1703	132131	69-9101	134093	71-81301	232593	76-1804	233009
69-1704	136926	69-9102	134092	71-82102	138914	76-1805	233011
69-1705	136927	69-9104	134025	71-82300	131837	76-1807	233010
69-1706	136928	69-9105	131184	71-82301	131838	76-1825	230417
69-1706-25	136928	69-9105-3	131184	71-82302	132888	76-1825-25	230417
69-1707	132116	69-9106	132303	71-82303	132889	76-1826	233158
69-1710	230390	69-9106	133558	71-82305	136317	76-1827	232929
69-200	136635	69-9106-3	132303	71-82306	134328	76-1831	230017
69-201	136635	69-9109	133558	71-82306-25	134328	76-1834	233159
69-201-1	136635	69-9110	139022	71-82307	137594	76-1834-25	233159
69-201-2	136635	69-9111	139144	71-82308	134329	76-1838	230419
69-202	232670	69-9111	333538	71-82310	232596	76-1839	133023
69-202-3	232670	69-9111-3	139144	71-82311	232594	76-1841	133025
69-204	234062	69-9111-3	333538	71-82312	137976	76-1844	135938
69-2206	233406	69-9113	134660	71-82314	232595	76-1844-25	135938
69-2206-1	233406	69-9114	134103	71-82316	136084	76-1848	233012
69-2702	132742	69-9115	134659	71-82317	232594	76-1855	232988
69-2702-25	132742	69-9115	333595	71-82320	233083	76-1855-25	232988
69-2704	137526	69-9116	135015	71-82321	137592	76-1861	135465
69-300	CHX101P	69-9116	333287	71-82322	137590	76-1863	138213
69-301	131413	69-9117	134104	71-82502	232434	76-1864	232989
69-301-1	131413	69-9118	134661	71-82504	132900	76-1864-1	232990
69-3700	132741	69-9119	135015	71-82506	132891	76-1865	232990
69-700	230397	69-9119	333287	71-82510	132892	76-1865-25	232990
69-7200	230402	69-9120	132303	71-82512	139421	76-1874	233016
69-8101	132090	69-91200	138326	71-82513	233084	76-1874-1	233016
69-8103	132425	69-91201	134659	71-82514	139422	76-1876	232360
69-8104	133332	69-91201	333595	71-82700	135851	76-1876-1	232360
69-8105	133333	69-9121	234475	71-83100	136895	76-1887	235737
69-8106	133332	69-9121	333285	71-83102	230759	76-1888	235738
69-8107	133333	69-9121-3	234475	71-83105	139205	76-1889	235688
69-8108	132425	69-9121-3	333285	71-83302	233164	76-1890	235687
69-8113	133730	69-9125	138326	71-83501	230147	76-1954	233162
69-8113-3	133730	69-91702	135460	71-84100	133974	76-2200	233036

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
76-2302	136640	76-94809	133954	84-8901	230362	0131	130027
76-2800	137528	76-94810	233592	85-1323	135782	0135	133864
76-2801	137527	7-696B	136255	85-1328	233691	0139	130401
76-2801-1	137527	79-1111	130519	85-1334	139115	0144	130741
76-2801-2	137527	79-1113	131348	85-1336	233064	0182	131770
76-2801-25	137527	79-1115	232929	85-1339	233154	0184	131110
76-2808	231146	79-1116	131500	85-1509	135645	0218	130419
76-2809	136637	79-1117	131501	85-4502	233694	0218	333173
76-2809-25	136637	79-1119	130529	85-7500	233695	0218	130419Z
76-2810	231154	79-1120	131490	8-8101	140495	0221	130401
76-2810-25	231154	79-1123	132589	8-8200	140767	0222	130400
76-2811	136638	79-1124	132590	8-8301	140738	0223	130390
76-2811-1	136638	79-1134	137062	8-8302	140920	0226	130416
76-2811-25	136638	79-1136	137064	8-8303	141065	0227	131713
76-2812	135574	79-1150	232937	8-8500	140768	0228	130414
76-2816	136641	79-81100	132847	8-8501	140457	0228	130414Z
76-2819	231147	79-81101	133609	8-8502	140468	0228	130414ZZ
76-2820	231143	79-81102	133611	8-9102	140198	0229	130995
76-2821	231377	79-82100	132635	8-9104	140197	0285	130760
76-2821-25	231377	79-82500	132564	8-9105	140733	0287	131111
76-2822	231139	79-83101	133021	8-9106	140482	0291	130950
76-2827	231377	79-83104	134949	8-9107	140242	0301	131267
76-2827-25	231377	79-83300	232597	8-9108	140617	0302	135801
76-81100	134477	79-84100	232941	8-9109	140619	0304	132697
76-81802	232591	79-84500	134840	8-9110	140935	0307	130405
76-81804	231390	7-984K	131590	8-9400	140919	0308	132273
76-82202	132894	79-91102	133314	8-9401	141168	0310	130931
76-82550	132897	79-91104	133316	905-2RS	140227	0312	131712
76-82551	131836	79-91106	133317	91-353	133572	0312	333854
76-82552	131835	79-91107	133318	D54-337P	133507	0313	131711
76-82554	131834	79-91108	133309	D54-338P	131481	0315	131381
76-82554	333023	79-91109	133310	D54-479	130538	0318	132364
76-82555	231427	79-91500	130970	D54-482	130540	0319	130409
76-82558	137588	79-92100	135497			0320	130930
76-82559	132870	79-92101	135500	YAMAHA		0322	130450
76-82561	132709	79-92102	135501	124195-77741	131986	0323	130404
76-82565	131834	79-92103	130879	129242-77100	235337	0325	130393
76-82570	233097	79-92104	140104	129900-77400	233886	0341	131110
76-82571	137204	79-92105	233045	129900-77520	233887	0352	131087
76-82574	135313	79-92300	131298	6M6-8183E00-00	230761	0361	131097
76-82575	132705	8-118	140421	118400-77251	137120	0362	130388
76-82576	137204	8-123	140750	121254-77401	137092	0365	131108
76-82802	132894	8-125	140751	121254-77660	133266	0366	131019
76-82804	132895	81-81100	235632	121254-77671	132059	0367	131065
76-82805	132896	8-201	140242	129136-77500	132798	0378	131271
76-82806	135217	8-201-10	140242	129298-77020	132094	0381	138128
76-82810	132895	8-203	140620	129400-77530	138739	0389	131716
76-82811	135217	84-1201	233417	129698-77101	137948	0392	131270
76-82812	135474	84-1207	233428	129698-77161	230487	0395	132187
76-82813	138027	84-1217	233413	129698-77230	235485	0398	130447
76-82822	136089	84-1222	233412	129900-77540	230557	0404	131021
76-83810	133403	84-1228	233413	129900-77590	230558	0406	131432
76-83812	230549	84-1300	233408	139698-77220	138958	0407	234921
76-83817	233060	84-1345	230795	X-2114150060	132447	0408	131715
76-84800	230559	84-1410	233411	X-211437001	131144	0411	131708
76-84804	232933	84-1415	230012	X-211447007	132093	0412	131707
76-84806	230188	84-1417	230418	X-2114510050	138959	0414	131705
76-84806-1	230188	84-1419	230515	X-211457001	131800	0417	131489
76-84807	230189	84-1425	230516	X-211487004	131800	0418	132702
76-85800	133561	84-1433	230515	X-21203700Z	131431	0418	333209
76-85801	133562	84-1437	139799	X-2130531300	231487	0419	131597
76-89600	233541	84-1502	139332	X-2130650060	235501	0420	131102
76-89606	135492	84-1504	139332	X-21306700	132059	0426	131628
76-89606-1	135492	84-2202	233667	X-21307300	137936	0428	131150
76-91550	137827	84-2302	233667			0434	132634
76-91803	137744	84-2409	233418	ZEN		0449	132286
76-91806	137746	84-4400	233419	0013	136318	0450	132005
76-91809	131503	84-4603	230796	0020	130537	0450	132005Z
76-91809-25	131503	84-4610	230107	0036	131714	0461	132200
76-91810	132123	84-4613	139983	0044	132163	0482	131104
76-91812	132604	84-4615	233011	0087	130539	0482	333176
76-91813	131990	84-5901	230010	0087	130539Z	0486	131728
76-91815	133466	84-7600	230798	0093	130538	0495	131220
76-91817	135848	84-7600-25	230798	0101	131269	0497	131495
76-91818	135846	84-7605	230472	0108	130396	0502	132782
76-91819	137742	84-7606	230029	0110	130539	0519	133268
76-91820	135847	84-7606-25	230029	0110	130539Z	0520	131433
76-91821	135078	84-7706	138660	0111	132194	0520	333172
76-91821-1	135078	84-7707	230555	0117	232632	0520	131433Z
76-91822	135970	84-7708-1	234302	0118	135801	0528	131344
76-91823	133467	84-7708-25	234302			0532	135569

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ZEN Continued							
0533	132075	0799	135085	1.01.0101.0	131269	1.01.0318.0	132364
0538	131475	0800	132204	1.01.0103.0	132364	1.01.0319.0	130409
0541	132852	0801	231952	1.01.0105.0	132273	1.01.0320.0	130930
0555	130542	0803	136925	1.01.0105.0	333227	1.01.0321.0	136285
0557	133682	0805	135464	1.01.0105.4	132273	1.01.0322.0	130450
0568	130538	0806	136722	1.01.0105.4	333227	1.01.0323.0	130404
0572	131995	0818	137753	1.01.0108.0	130396	1.01.0325.0	130393
0573	132079	0818	137753Z	1.01.0108.0	333521	1.01.0326.0	130425
0573	132079Z	0820	133591	1.01.0110.0	130539	1.01.0327.0	130441
0574	132181	0821	133297	1.01.0110.0	130539Z	1.01.0337.0	131083
0579	132216	0822	133296	1.01.0111.0	132194	1.01.0339.0	130442
0579	333174	0825	137643	1.01.0117.0	131766	1.01.0341.0	132545
0579	132216ZZ	0828	332138	1.01.0118.0	130932	1.01.0343.0	138137
0584	133454	0836	135567	1.01.0119.0	132193	1.01.0349.0	131085
0591	133683	0837	333937	1.01.0120.0	130737	1.01.0350.0	130441
0594	136338	0838	234403	1.01.0131.0	130027	1.01.0351.0	131783
0595	132011	0843	139477	1.01.0134.0	131729	1.01.0352.0	131087
0596	132012	0851	135116	1.01.0135.0	133864	1.01.0353.0	130442
0597	137643	0852	138233	1.01.0139.0	130401	1.01.0355.0	131108
0601	132821	0853	135572	1.01.0140.0	130442	1.01.0360.0	132005
0608	130739	0857	131101	1.01.0141.0	130440	1.01.0360.0	132005Z
0611	132943	0858	131481	1.01.0144.0	130741	1.01.0361.0	131097
0612	135063	0861	136743	1.01.0149.0	131107	1.01.0361.0	333233
0613	132169	0863	135711	1.01.0149.0	333540	1.01.0362.0	130388
0615	232480	0871	135985	1.01.0150.0	130453	1.01.0365.0	131108
0617	136602	0875	131996	1.01.0155.0	130452	1.01.0366.0	131019
0622	138332	0878	134364	1.01.0155.0	130452Z	1.01.0366.0	333205
0624	131481	0892	136267	1.01.0170.0	130449	1.01.0367.0	131065
0625	133507	0900	139850	1.01.0182.0	131770	1.01.0367.0	333190
0626	132731	0907	139341	1.01.0184.0	131110	1.01.0367.0	131065Z
0629	133975	0907	139341ZZ	1.01.0188.0	131768	1.01.0376.0	131984
0630	132205	0920	138308	1.01.0189.0	130432	1.01.0378.0	131271
0631	131998	0920	138308ZZ	1.01.0213.0	130738	1.01.0378.0	333217
0631	131998Z	0921	137293	1.01.0215.0	130762	1.01.0381.0	138128
0632	131997	0921	137293Z	1.01.0216.0	130761	1.01.0382.0	131086
0633	132167	0925	137481	1.01.0217.0	130456	1.01.0389.0	131716
0635	132345	0925	333178	1.01.0220.0	130412	1.01.0392.0	131270
0636	134918	0925	137481Z	1.01.0221.0	130401	1.01.0393.0	132197
0638	133443	0926	133860	1.01.0222.0	130400	1.01.0394.0	132188
0646	132020	0931	137279	1.01.0223.0	130390	1.01.0395.0	132187
0647	132021	0932	137480	1.01.0224.0	132365	1.01.0398.0	130447
0648	134282	0932	333179	1.01.0225.0	132367	1.01.0404.0	131021
0649	133975	0932	137480Z	1.01.0226.0	130416	1.01.0406.0	131432
0651	134837	0932	137480ZZ	1.01.0227.0	131713	1.01.0407.0	131109
0656	131999	0936	230253	1.01.0228.0	130414	1.01.0408.0	131715
0657	132022	0937	136854	1.01.0228.0	333516	1.01.0409.0	131035
0661	131106	0937	333177	1.01.0228.0	130414Z	1.01.0410.1	134065
0677	132368	0937	136854Z	1.01.0228.0	130414ZZ	1.01.0411.0	131708
0679	137764	0937	136854ZZ	1.01.0229.0	130995	1.01.0412.0	131707
0712	137765	0938	137981	1.01.0243.0	130465	1.01.0413.0	131206
0729	135086	0953	130437	1.01.0244.0	130434	1.01.0414.0	131705
0745	135716	0957	134966	1.01.0245.0	130424	1.01.0417.0	131489
0747	135083	0972	137890	1.01.0246.0	131188	1.01.0418.0	132702
0749	230761	0972	333181	1.01.0247.0	130461	1.01.0418.0	333209
0756	138216	1.01.0004.0	132694	1.01.0248.0	130759	1.01.0419.0	131597
0756	138216Z	1.01.0013.0	136318	1.01.0249.0	130463	1.01.0419.0	333228
0758	136145	1.01.0020.0	130537	1.01.0280.0	133555	1.01.0420.0	131102
0760	132000	1.01.0028.0	130415	1.01.0285.0	130760	1.01.0420.0	333220
0764	133596	1.01.0032.0	235624	1.01.0286.0	130897	1.01.0420.0	131102Z
0768	333125	1.01.0035.0	130417	1.01.0287.0	131111	1.01.0426.0	131628
0769	133841	1.01.0036.0	131714	1.01.0287.1	131111	1.01.0428.0	131150
0769	333855	1.01.0044.0	132163	1.01.0288.0	130948	1.01.0429.0	132311
0770	230073	1.01.0050.0	130536	1.01.0290.0	132366	1.01.0430.0	131596
0774	138222	1.01.0051.0	130540	1.01.0291.0	130950	1.01.0431.0	131117
0775	132974	1.01.0052.0	131769	1.01.0291.0	333207	1.01.0433.0	132695
0776	232632	1.01.0053.0	130535	1.01.0295.0	130757	1.01.0434.0	132634
0776	333858	1.01.0063.0	131709	1.01.0300.0	130402	1.01.0442.0	131098
0779	135717	1.01.0064.0	130451	1.01.0301.0	131267	1.01.0447.0	133498
0781	139336	1.01.0065.0	130404	1.01.0302.0	135801	1.01.0448.0	131985
0783	231967	1.01.0067.0	130446	1.01.0304.0	132697	1.01.0449.0	132286
0784	231885	1.01.0068.0	130405	1.01.0306.0	135664	1.01.0450.0	132005
0786	132119	1.01.0068.0	333520	1.01.0307.0	130405	1.01.0450.0	132005Z
0787	135647	1.01.0078.0	132308	1.01.0307.0	333520	1.01.0453.0	130920
0790	135091	1.01.0080.0	130406	1.01.0310.0	130931	1.01.0455.0	231962
0790	135091ZZ	1.01.0087.0	130418	1.01.0311.0	131712	1.01.0460.0	131207
0793	137752	1.01.0087.0	333175	1.01.0311.0	333854	1.01.0461.0	132200
0793	333859	1.01.0089.0	135860	1.01.0312.0	131712	1.01.0474.0	132521
0794	135714	1.01.0093.0	130538	1.01.0312.0	333854	1.01.0475.0	133362
0796	138948	1.01.0096.0	130445	1.01.0313.0	131711	1.01.0475.0	333201
0797	135713	1.01.0097.0	131056	1.01.0314.0	230159	1.01.0480.0	132285
0798	136723	1.01.0098.0	131267	1.01.0315.0	131381	1.01.0482.0	131104

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1.01.0482.0	333176	1.01.0630.0	132205Z	1.01.0785.0	133266	1.01.0907.0	139341ZZ
1.01.0482.0	131104ZZ	1.01.0631.0	131998	1.01.0786.0	132119	1.01.0909.0	130439
1.01.0484.0	133398	1.01.0631.0	333506	1.01.0786.1	134859	1.01.0910.0	132293
1.01.0485.0	134427	1.01.0631.0	131998Z	1.01.0786.2	230757	1.01.0911.0	130731
1.01.0486.0	131728	1.01.0632.0	131997	1.01.0786.3	131588	1.01.0912.0	230025
1.01.0487.0	131733	1.01.0633.0	132167	1.01.0787.0	135647	1.01.0914.0	231970
1.01.0491.1	131767	1.01.0634.0	134917	1.01.0790.0	135091	1.01.0920.0	138308
1.01.0497.0	131495	1.01.0635.0	132345	1.01.0790.0	135091ZZ	1.01.0920.0	138308ZZ
1.01.0497.0	333515	1.01.0635.0	333510	1.01.0792.0	133605	1.01.0921.0	137293
1.01.0498.0	133631	1.01.0636.0	134918	1.01.0793.0	137752	1.01.0921.0	137293Z
1.01.0499.0	131986	1.01.0638.0	133443	1.01.0793.0	333859	1.01.0925.0	137481
1.01.0502.0	132782	1.01.0639.0	134371	1.01.0793.1	135059	1.01.0925.0	333178
1.01.0504.0	132288	1.01.0639.0	134371Z	1.01.0794.0	135714	1.01.0925.0	137481Z
1.01.0507.0	131732	1.01.0641.0	136888	1.01.0796.0	138948	1.01.0926.0	133860
1.01.0517.0	131988	1.01.0642.0	132765	1.01.0797.0	135713	1.01.0929.0	137275
1.01.0519.0	133268	1.01.0644.0	132449	1.01.0797.0	333226	1.01.0931.0	137279
1.01.0520.0	131433	1.01.0646.0	132020	1.01.0798.0	136723	1.01.0932.0	137480
1.01.0520.0	333172	1.01.0647.0	132021	1.01.0799.0	135085	1.01.0932.0	333179
1.01.0520.0	131433Z	1.01.0648.0	134282	1.01.0799.0	333203	1.01.0932.0	137480Z
1.01.0523.0	132291	1.01.0648.0	333197	1.01.0800.0	132204	1.01.0932.0	137480ZZ
1.01.0524.0	131090	1.01.0649.0	133975	1.01.0801.0	231952	1.01.0936.0	133897
1.01.0528.0	131344	1.01.0650.0	133976	1.01.0803.0	136925	1.01.0937.0	136854
1.01.0530.0	132178	1.01.0651.0	134837	1.01.0805.0	135464	1.01.0937.0	333177
1.01.0532.0	135569	1.01.0656.0	131999	1.01.0805.0	333523	1.01.0937.0	136854Z
1.01.0536.0	136208	1.01.0657.0	132022	1.01.0806.0	136722	1.01.0937.0	136854ZZ
1.01.0537.0	131852	1.01.0658.0	138867	1.01.0808.0	137751	1.01.0938.0	137981
1.01.0538.0	131475	1.01.0661.0	131106	1.01.0809.0	136086	1.01.0938.0	333216
1.01.0538.0	333223	1.01.0662.1	231960	1.01.0810.0	136086	1.01.0946.0	132863
1.01.0540.0	131212	1.01.0677.0	132368	1.01.0811.0	132453	1.01.0947.0	132004
1.01.0541.0	132852	1.01.0678.0	134960	1.01.0812.0	136348	1.01.0948.0	233398
1.01.0543.0	130730	1.01.0679.0	137764	1.01.0814.0	138316	1.01.0951.0	135651
1.01.0544.0	130740	1.01.0682.0	130442	1.01.0815.0	134284	1.01.0953.0	130437
1.01.0555.0	130542	1.01.0684.0	133361	1.01.0816.0	139244	1.01.0954.0	139653
1.01.0557.0	133682	1.01.0686.0	133441	1.01.0817.0	137952	1.01.0958.0	231966
1.01.0558.0	136642	1.01.0689.0	139848	1.01.0818.0	137753	1.01.0960.0	133295
1.01.0560.0	134643	1.01.0691.0	133465	1.01.0818.0	137753Z	1.01.0961.0	133897
1.01.0561.0	231330	1.01.0692.0	132200	1.01.0820.0	133591	1.01.0962.0	131434
1.01.0566.0	130540	1.01.0694.0	133631	1.01.0821.0	133297	1.01.0962.0	333548
1.01.0567.0	131769	1.01.0695.0	233533	1.01.0822.0	133296	1.01.0965.0	139473
1.01.0568.0	232053	1.01.0706.0	132388	1.01.0823.0	132586	1.01.0968.3	232228
1.01.0570.0	132177	1.01.0711.0	136229	1.01.0824.1	138209	1.01.0969.0	136257
1.01.0571.0	131170	1.01.0712.0	137765	1.01.0825.0	137643	1.01.0970.0	136509
1.01.0572.0	131995	1.01.0721.0	231965	1.01.0828.0	332138	1.01.0970.0	333504
1.01.0572.0	333577	1.01.0722.0	137760	1.01.0829.0	233842	1.01.0972.0	137890
1.01.0573.0	132079	1.01.0727.0	231886	1.01.0830.0	133805	1.01.0972.0	333181
1.01.0573.0	132079Z	1.01.0729.0	135086	1.01.0831.0	132941	1.01.0975.0	139710
1.01.0574.0	132181	1.01.0729.0	135086Z	1.01.0832.0	132448	1.01.0975.0	139710Z
1.01.0576.0	133712	1.01.0737.0	132001	1.01.0833.1	137733	1.01.0985.0	233387
1.01.0579.0	132216	1.01.0737.1	132459	1.01.0836.0	135567	1.01.0997.0	137888
1.01.0579.0	333174	1.01.0745.0	135716	1.01.0837.0	131104	1.01.0997.0	333192
1.01.0579.0	132216ZZ	1.01.0745.0	333194	1.01.0837.0	333176	1.01.0998.0	139954
1.01.0580.0	132453	1.01.0747.0	135083	1.01.0837.0	131104ZZ	1.01.0998.0	333208
1.01.0582.0	132965	1.01.0749.0	230761	1.01.0838.0	234403	1.01.0999.0	139655
1.01.0584.0	133454	1.01.0750.0	137950	1.01.0841.0	234402	1.01.1005.0	136985
1.01.0591.0	133683	1.01.0750.1	230857	1.01.0843.0	139477	1.01.1011.0	138874
1.01.0594.0	136338	1.01.0751.0	230762	1.01.0844.0	133437	1.01.1016.0	137939
1.01.0595.0	132011	1.01.0752.0	136342	1.01.0844.1	133437	1.01.1017.0	231804
1.01.0596.0	132012	1.01.0755.0	133507	1.01.0850.0	137071	1.01.1018.0	136923
1.01.0597.0	137643	1.01.0756.0	138216	1.01.0851.0	135116	1.01.1019.0	233178
1.01.0599.0	132014	1.01.0756.0	138216Z	1.01.0851.0	333502	1.01.1020.0	139132
1.01.0600.0	132010	1.01.0757.0	136144	1.01.0851.0	135116Z	1.01.1023.0	135389
1.01.0601.0	132821	1.01.0758.0	136145	1.01.0852.0	138233	1.01.1024.0	139541
1.01.0608.0	130739	1.01.0760.0	132000	1.01.0853.0	135572	1.01.1025.0	139902
1.01.0610.0	135816	1.01.0760.0	333230	1.01.0857.0	131101	1.01.1030.0	230352
1.01.0611.0	132943	1.01.0761.0	133853	1.01.0857.0	333519	1.01.1030.0	333553
1.01.0612.0	135063	1.01.0764.0	133596	1.01.0858.0	131481	1.01.1033.0	230828
1.01.0613.0	132169	1.01.0765.0	132547	1.01.0861.0	136743	1.01.1035.0	231415
1.01.0616.0	132009	1.01.0769.0	133841	1.01.0863.0	135711	1.01.1037.0	230835
1.01.0617.0	136602	1.01.0769.0	333855	1.01.0870.1	231968	1.01.1037.0	333189
1.01.0619.0	132168	1.01.0770.0	230073	1.01.0875.0	131996	1.01.1038.0	139056
1.01.0620.0	138332	1.01.0773.0	139083	1.01.0875.0	333514	1.01.1038.0	333202
1.01.0620.1	136633	1.01.0774.0	138222	1.01.0878.0	134364	1.01.1038.0	139056Z
1.01.0622.0	138332	1.01.0775.0	132974	1.01.0883.1	139840	1.01.1046.0	133449
1.01.0623.1	231961	1.01.0776.0	232632	1.01.0885.1	230254	1.01.1047.0	132489
1.01.0624.0	131481	1.01.0776.0	333858	1.01.0887.0	231371	1.01.1048.0	231789
1.01.0625.0	133507	1.01.0779.0	135717	1.01.0892.0	136267	1.01.1048.0	231789Z
1.01.0626.0	132731	1.01.0780.1	230911	1.01.0894.0	135542	1.01.1057.0	138322
1.01.0628.0	138208	1.01.0780.1	230911Z	1.01.0900.0	134371	1.01.1057.0	333214
1.01.0629.0	133854	1.01.0781.0	139336	1.01.0900.0	134371Z	1.01.1058.0	230834
1.01.0630.0	132205	1.01.0783.0	231967	1.01.0901.0	133058	1.01.1058.0	333180
1.01.0630.0	333196	1.01.0784.0	231885	1.01.0907.0	139341	1.01.1058.0	230834Z

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ZEN Continued							
1.01.1059.0	137281Z	1064	234231	1701	333680	ZM-1596	133166
1.01.1062.0	136261	1064	234231Z	1702	236752	ZM-159691	134402
1.01.1064.0	131111	1067	135715	1706	331730	ZM-1597	132025
1.01.1065.0	135164	1067	135715Z	1706	333716	ZM-1608	137404
1.01.1068.0	233993	1107	233829	1708	235200	ZM-1613	133531
1.01.1069.0	230340	1107	233829Z	1708	333872	ZM-1615	131787
1.01.1069.0	333215	1111	135374	1714	236876	ZM-1639	230904
1.01.1070.0	230336	1117	132818	1714	333867	ZM-1639	333158
1.01.1070.0	333511	1117	132818Z	1718	231899	ZM-1640	231801
1.01.1071.0	136787	1156	137891	1718	333868	ZM-1640	333493
1.01.1071.0	333508	1156	137891Z	1720	333234	ZM-164091	131319
1.01.1072.0	230546	1158	233835	1727	135581	ZM-1650	130367
1.01.1073.0	138866	1158	333204	1727	333860	ZM-1674	139068
1.01.1074.0	135084	1159	231756	1735	333869	ZM-1684	132058
1.01.1076.0	130415	1159	333185	1752	236797	ZM-1691	132763
1.01.1081.0	234861	1180	230144	1752	333870	ZM-169196	133284
1.01.1082.0	130415	1180	230144Z	1756	331628	ZM-1695	137813
1.01.1088.0	130415	1187	131111	1757	331010	ZM-169596	232225
1.01.1090.0	130415	1205	230911	1763	330452	ZM-1698	133049
1.01.1092.0	130415	1205	230911Z	1763	333857	ZM-169896	133285
1.01.1095.0	130415	1223	138875	1774	234514	ZM-171096	139604
1.01.1108.0	230339	1223	138875Z	1774	333871	ZM-1713	137795
1.01.1108.0	333200	12812	132483	1775	333720	ZM-1717	138814
1.01.1111.0	135374	12812	333873	1777	333721	ZM-171796	138818
1.01.1124.0	136633	12839	237769	1800	333745	ZM-1719	232200
1.01.1152.0	139320	1483	233947	1801	235426	ZM-171996	138819
1.01.1153.0	231896	1483	333212	1806	333407	ZM-1731	130302
1.01.1153.0	333210	1484	138533	1812	332530	ZM-1731	333137
1.01.1155.0	233828	1484	333856	1823	236375	ZM-1731	130302Z
1.01.1155.0	333193	1539	233830	1823	333182	ZM-1760	136632
1.01.1156.0	137891	1539	233830Z	1853	233845	ZM-176096	137582
1.01.1156.0	137891Z	1545	235290	1857	237990	ZM-1761	138496
1.01.1158.0	233835	1547	235440	1860	235501	ZM-176196	138497
1.01.1158.0	333204	1547	333186	639.0597.5	231456	ZM-1762	231178
1.01.1159.0	231756	1547	235440Z	9186	132043	ZM-176296	231180
1.01.1159.0	333185	1548	333901	9260	132044	ZM-1777	136369
1.01.1162.0	139905	1550	235839	9307	132866	ZM-1777	333546
1.01.1171.0	136425	1550	235860	9492	138123	ZM-1782	133054
1.01.1172.0	135911	1561	333881	ZM			
1.01.1173.0	134434	1562	333940	ZM-101	234860	ZM-1817	333849
1.01.1174.0	132542	1576	234535	ZM-102	235593	ZM-1833	233584
1.01.1178.0	234087	1576	333195	ZM-103	235594	ZM-1840	333002
1.01.1178.0	333218	1588	133231Z	ZM-111	235595	ZM-1860	137370
1.01.1179.0	236130	1592	137218	ZM-112	235596	ZM-186096	232226
1.01.1179.0	331683	1597	234124	ZM-1371	138763	ZM-1862	137339
1.01.1451.0	231009	1597	333171	ZM-1371	333163	ZM1-891	333848
1.01.1451.0	333524	1597	234124Z	ZM-1-382	333963	ZM-189496	133286
1.01.1458.0	139478	1607	231932	ZM-1395	231806	ZM-189796	137870
1.01.1483.0	233947	1616	139520	ZM-139591	137346	ZM-1898	234292
1.01.1483.0	333212	1618	236270	ZM-139596	137346	ZM-197291	134825
1.01.1539.0	233830	1618	333864	ZM-1405	231809	ZM-197296	134825
1.01.1539.0	233830Z	1619	234247	ZM-1406	231810	ZM-1975	137276
1.01.1545.0	235290	1619	234247Z	ZM-1473	137613	ZM-1975	333141
1.01.1576.0	234535	1629	234168	ZM-147391	138003	ZM-1976	133422
1.01.1576.0	333195	1629	333222	ZM-147491	132780	ZM-1981	133750
1.01.1592.0	137218	1630	138985	ZM-1475	231217	ZM-1982	132423
1.01.1616.0	139520	1630	138985Z	ZM-1477	230324	ZM-1993	235495
1.01.1629.0	234168	1631	234158	ZM-1479	133424	ZM-2371	230356
1.01.1629.0	333222	1632	234785	ZM-1491	231718	ZM-2371	333157
1.01.1630.0	138985	1632	333551	ZM-1492	133128	ZM-237191	233075
1.01.1630.0	138985Z	1642	330265	ZM-149291	134402	ZM-2-391	333964
1.01.1631.0	234158	1642	333188	ZM-1495	236801	ZM-2395	231990
1.01.1632.0	234785	1643	233836	ZM-149591	236802	ZM-239591	233968
1.01.1632.0	333551	1643	333593	ZM-1498	236626	ZM2-407	333847
1.01.1642.0	330265	1643	233836Z	ZM-1545	130939	ZM2-408	333846
1.01.1643.0	233836	1643	233836Z	ZM-1545	333140	ZM-2409	230186
1.01.1643.0	333593	1655	232623	ZM-1557	131272	ZM-2452	231913
1.01.1643.0	233836Z	1658	237752	ZM-1557	131272	ZM-2456	231917
1.01.1695.0	333479	1674	333941	ZM-155791	133180	ZM-245687	232031
10003	333938	1674	333941	ZM-1561	131007	ZM-245696	232031
1002	234971	1692	231932	ZM-1573	131791	ZM-2460	231919
1002	333861	1693	235663	ZM-157391	132279	ZM-2461	231920
1004	333126	1693	333865	ZM-1575	139014	ZM-247191	131338
1004	333862	1695	333479	ZM-1585	133045	ZM-2473	137613
1032	333939	1696	330125	ZM-1590	136255	ZM-2475	136615
1048	231789	1696	333581	ZM-159094	139439	ZM-2479	231653
1048	231789Z	1696	333866	ZM-1592	132024	ZM-2479	333547
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1058	333180	1698	333681	ZM-1594	133163	ZM-2494	235106
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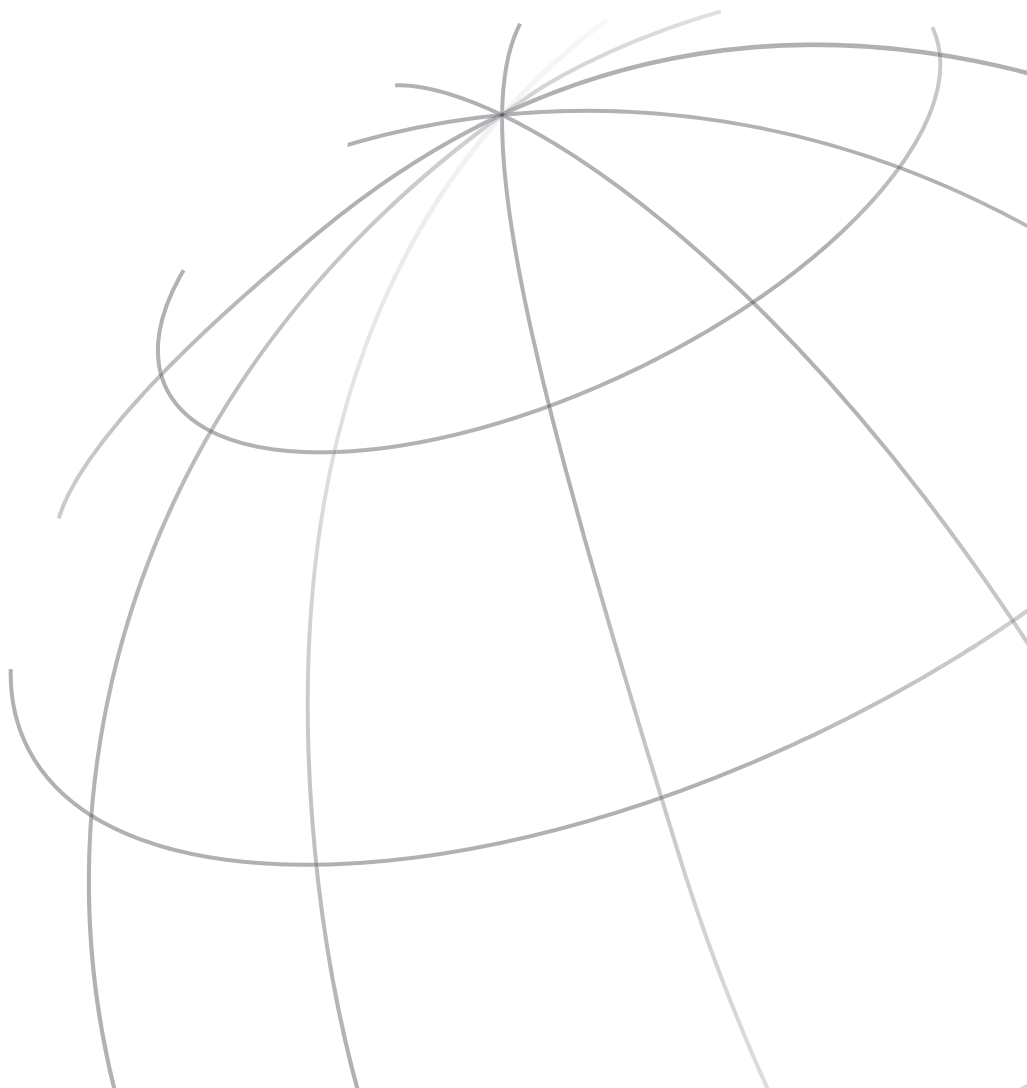
O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ZM-257191	131338	ZM-405	231807	ZM-525	133141	ZM-59391	133633
ZM-2573	132827	ZM-406	231808	ZM-52596	132778	ZM-594	133533
ZM-2573	333166	ZM-407	333841	ZM-526	130470	ZM-59496	133269
ZM-2579	134042	ZM-410	138170	ZM-527	234857	ZM-595	131171
ZM-259591	139602	ZM-41096	139330	ZM-528	135358	ZM-59591	132033
ZM-259596	139602	ZM-411	138957	ZM-53191	134844	ZM-596	232011
ZM-2629	233896	ZM-41196	139604	ZM-538	130301	ZM-597	131584
ZM-2639	231711	ZM-421	138420	ZM-538	333168	ZM-59791	132826
ZM-2639	333165	ZM-4395	234733	ZM-538	130301Z	ZM-598	137300
ZM-2640	234859	ZM-4407	235699	ZM-53885	131318	ZM-59891	232010
ZM-267491	132780	ZM-4473	137266	ZM-53891	131318	ZM-599	132977
ZM-2689	132423	ZM-4473	333150	ZM-539	233734	ZM-59991	134402
ZM-2699	231977	ZM-447391	138003	ZM-5395	232452	ZM-602	133076
ZM2719	139784	ZM-4495	234778	ZM-539591	231822	ZM-60296	133782
ZM-2719	139784	ZM-45094	133022	ZM-539596	231822	ZM-603	133290
ZM-271996	234914	ZM-451	131356	ZM-539598	231822	ZM-604	138009
ZM-276096	231180	ZM-452	139209	ZM-53991	133447	ZM-605	230018
ZM-2762	231179	ZM-453	231914	ZM-5407	235699	ZM-60596	232009
ZM-277591	138004	ZM-454	231915	ZM-5408	237835	ZM-606	136983
ZM-2777	136779	ZM-455	231916	ZM-541	130300	ZM-60696	137084
ZM-277791	132779	ZM-456	131369	ZM-542	130297	ZM-607	137023
ZM2-818	333845	ZM-45687	135324	ZM-543	130302	ZM-608	232003
ZM-2981	133749	ZM-45696	135324	ZM-543	333137	ZM-60896	232005
ZM-2982	230697	ZM-457	231912	ZM-543	130302Z	ZM-609	232004
ZM-2993	233709	ZM-45887	135323	ZM-54391	131317	ZM-610	131248
ZM-299391	231860	ZM-45896	135323	ZM-54396	131317	ZM-61096	131275
ZM-3395	138477	ZM-459	131361	ZM-544	130301	ZM-611	131247
ZM-3473	137951	ZM-4595	137191	ZM-544	333168	ZM-612	130855
ZM-347391	138003	ZM-460	230198	ZM-544	130301Z	ZM-61296	131015
ZM-3491	235416	ZM-461	131349	ZM-545	130939	ZM-613	133531
ZM-3494	135390	ZM-462	139337	ZM-545	333140	ZM-61396	131015
ZM-356	234476	ZM-46287	232034	ZM-547	132254	ZM-614	131786
ZM-3579	134042	ZM-46296	232034	ZM-54796	133447	ZM-615	134888
ZM-3595	230809	ZM-463	231921	ZM-5492	234388	ZM-61596	132270
ZM-359591	139601	ZM-4639	233933	ZM-5501	231811	ZM-616	131785
ZM-359596	139601	ZM-464	231922	ZM-551	130499	ZM-621	135871
ZM-359598	139601	ZM-4651	132227	ZM-55191	130497	ZM-62196	131335
ZM-361	233873	ZM-467	231925	ZM-555	131273	ZM-622	130293
ZM-362	233869	ZM-468	231926	ZM-55591	133181	ZM-623	130293
ZM3-639	237753	ZM-4698	133049	ZM-556	131119	ZM-62396	131334
ZM3-639	333478	ZM-472	137696	ZM-55691	130489	ZM-624	135878
ZM-3640	138313	ZM-473	137175	ZM-557	131272	ZM-62496	131334
ZM-364091	232024	ZM-47391	138003	ZM-560	131009	ZM-626	134823
ZM-3651	133566	ZM-4744	130806	ZM-561	133178	ZM-62796	133777
ZM-3674	138257	ZM-475	136036	ZM-5619	134457	ZM-628	133642
ZM3-698	333844	ZM-47591	136108	ZM-5651	230325	ZM-629	233896
ZM-3708	334034	ZM-476	134376	ZM-5698	133049	ZM-633	231975
ZM-371	138877	ZM-4760	231179	ZM-571	130476	ZM-638	131053
ZM-371	333149	ZM-477	230323	ZM-57191	131338	ZM-638	333143
ZM3-719	333843	ZM-4773	131586	ZM-573	131586	ZM-6395	230807
ZM-37191	137349	ZM-4773	333146	ZM-573	333146	ZM6-408	333840
ZM-372	139075	ZM-477391	131337	ZM-57391	131337	ZM-641	132294
ZM-3722	234858	ZM-47796	138004	ZM-574	131791	ZM-64191	132677
ZM-37291	231802	ZM-479	139498	ZM-57491	132279	ZM-642	130477
ZM-373	230848	ZM-479	333592	ZM-575	131143	ZM-643	130296
ZM-37391	234437	ZM-4792	138012	ZM-575	333147	ZM-644	131042
ZM-374	139019	ZM-4793	138011	ZM-575	333665	ZM-644	333587
ZM-37491	231815	ZM-47991	138004	ZM-57591	131315	ZM-645	130303
ZM-376	230115	ZM-490	135390	ZM-576	130474	ZM-645	333138
ZM-376	333999	ZM-49091	132034	ZM-57691	131337	ZM-645	333664
ZM-37691	231828	ZM-491	132976	ZM-5773	233480	ZM-645	130303Z
ZM-3773	139018	ZM-492	132977	ZM-577391	139598	ZM-6452	231913
ZM-377391	131315	ZM-49291	134402	ZM-577791	137876	ZM-6456	231917
ZM-3775	139549	ZM-49296	134402	ZM-57791	137876	ZM-645696	232031
ZM-377591	138004	ZM-493	133151	ZM-578	130475	ZM-6460	231919
ZM-378	137879	ZM-49391	133156	ZM-57891	131847	ZM-6461	231920
ZM-378	333565	ZM-495	139476	ZM-579	131439	ZM-646187	232033
ZM-37891	231558	ZM-49591	231268	ZM-580	130476	ZM-646196	232033
ZM-379	137879	ZM-496	232012	ZM-58091	131338	ZM-6468	231926
ZM-379	333565	ZM-49691	231766	ZM-581	131800	ZM-647	132361
ZM-3805	231927	ZM-497	231610	ZM-582	131144	ZM-647	333167
ZM-395	138444	ZM-4972	138012	ZM-583	131431	ZM-648	131141
ZM-39591	139602	ZM-49791	231765	ZM-58496	133269	ZM-648	333144
ZM-39596	139602	ZM-498	237686	ZM-585	133045	ZM-649	132254
ZM-396	235383	ZM-4991	231982	ZM-590	136255	ZM-649	333151
ZM-397	237977	ZM-4993	139537	ZM-59091	136367	ZM-650	130377
ZM-39791	237978	ZM-521	130468	ZM-59094	230950	ZM-65091	131325
ZM-3981	135008	ZM-52196	131335	ZM-591	136255	ZM-651	132228
ZM-3993	239823	ZM-522	131790	ZM-59191	136367	ZM-652	131437
ZM-401	130493	ZM-52296	130479	ZM-592	133532	ZM-65296	132229
ZM-404	230964	ZM-524	133636	ZM-593	133534	ZM-653	131189

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ZM Continued							
ZM-65391	133159	ZM-72491	130479	ZM-79496	137931	ZM-976	135526
ZM-654	131112	ZM-72496	130479	ZM-795	231978	ZM-977	232420
ZM-655	131112	ZM-726	133643	ZM-799	138820	ZM-97791	138004
ZM-65596	131329	ZM-72696	132781	ZM-805	133852	ZM-978	139069
ZM-656	131115	ZM-727	133428	ZM-806	137811	ZM-978	333601
ZM-65696	131329	ZM-728	136544	ZM-808	231927	ZM-97891	139597
ZM-657	131115	ZM-729	135358	ZM-809	231927	ZM-979	233796
ZM-6595	137190	ZM-72996	132778	ZM-810	135521	ZM-97991	233499
ZM-659591	137347	ZM-731	130302	ZM-811	231251	ZM-980	138809
ZM-660	130814	ZM-731	333137	ZM-812	231251	ZM-981	136141
ZM-66096	134627	ZM-731	130302Z	ZM-813	231928	ZM-982	134812
ZM-661	231997	ZM-73191	134844	ZM-815	231800	ZM-991	231982
ZM-662	131084	ZM-732	132363	ZM-832	138311	ZM-992	231820
ZM-66296	131374	ZM-732	333169	ZM-832	335228	ZM-993	230788
ZM-6640	234287	ZM-733	333839	ZM-833	138311	ZM-994	231983
ZM-6640	333494	ZM-734	137368	ZM-834	139965		
ZM-6651	133083	ZM-7356	234476	ZM-834	333529		
ZM-672	139212	ZM-736	132362	ZM-835	139967		
ZM-67291	138926	ZM-736	333170	ZM-835	333600		
ZM-674	132258	ZM-7361	233873	ZM-835	335227		
ZM-674	333142	ZM-7395	231479	ZM-836	139965		
ZM-67491	132780	ZM-739591	233074	ZM-836	333529		
ZM-675	138005	ZM-740	137443	ZM-8395	230805		
ZM-67591	138006	ZM-741	133398	ZM-839591	139602		
ZM-676	132827	ZM-742	137443	ZM-840	333782		
ZM-676	333166	ZM-743	137232	ZM-842	237845		
ZM-67691	133202	ZM-743	333495	ZM-860	138217		
ZM-677	137693	ZM-744	130301	ZM-86096	138409		
ZM-6773	137982	ZM-744	333168	ZM-861	132944		
ZM-67791	137706	ZM-7451	131356	ZM-864	231929		
ZM-679	137612	ZM-7452	139209	ZM-8640	231223		
ZM-679	333590	ZM-7453	231914	ZM-873	132265		
ZM-67991	234845	ZM-7454	231915	ZM-87391	131315		
ZM-680	131800	ZM-7455	231916	ZM-874	135065		
ZM-68096	133269	ZM-7456	131369	ZM-87491	132780		
ZM-681	131144	ZM-7457	231912	ZM-87591	131338		
ZM-682	132093	ZM-7459	131361	ZM-876	133421		
ZM-68296	133778	ZM-7460	230198	ZM-876	333545		
ZM-683	132058	ZM-7461	131349	ZM-87691	133148		
ZM-68396	133276	ZM-7462	139337	ZM-87696	133148		
ZM-684	132058	ZM-7463	231921	ZM-878	131143		
ZM-68496	133276	ZM-7464	231922	ZM-878	333147		
ZM-685	132698	ZM-7467	231925	ZM-87891	131315		
ZM-68596	133803	ZM-7595	230809	ZM-890	139614		
ZM-686	132059	ZM-760	136632	ZM-89096	231458		
ZM-688	131431	ZM-76096	137582	ZM-891	132473		
ZM-689	138739	ZM-761	138496	ZM-89196	134625		
ZM-690	133052	ZM-76196	138497	ZM-892	231457		
ZM-69096	133287	ZM-762	231178	ZM-893	231981		
ZM-691	231976	ZM-76296	231180	ZM-89396	134626		
ZM-692	131802	ZM-7651	131589	ZM-894	132472		
ZM-69296	133273	ZM-765196	132250	ZM-89496	133286		
ZM-693	132095	ZM-766	233890	ZM-896	132591		
ZM-69396	133113	ZM-769	236961	ZM-89696	230914		
ZM-694	133053	ZM-771	130476	ZM-89792	235404		
ZM-695	137813	ZM-77191	131338	ZM-89796	235403		
ZM-69596	232225	ZM-772	133644	ZM-901	133554		
ZM-696	133289	ZM-772	333555	ZM-901	333154		
ZM-69696	134915	ZM-77291	132780	ZM-902	130304		
ZM-697	133288	ZM-773	132828	ZM-902	333155		
ZM-69796	133287	ZM-77391	131337	ZM-903	130283		
ZM-698	133049	ZM-775	133424	ZM-903	333162		
ZM-69896	133285	ZM-77591	138004	ZM-904	130305		
ZM-699	231977	ZM-777	136369	ZM-904	333159		
ZM-702	133675	ZM-77791	132779	ZM-950	131364		
ZM-703	131807	ZM-778	136371	ZM-951	131363		
ZM-704	232000	ZM-77891	139213	ZM-9595	138444		
ZM-705	133809	ZM-779	136370	ZM-96096	235384		
ZM-706	131807	ZM-780	132698	ZM-961	235496		
ZM-707	135652	ZM-781	133047	ZM-9637	132254		
ZM-708	138014	ZM-782	133054	ZM-9637	333151		
ZM-710	132094	ZM-783	133043	ZM-963791	131318		
ZM-711	133044	ZM-784	131800	ZM-972	134824		
ZM-71196	133276	ZM-785	132915	ZM-972	333145		
ZM-71296	134480	ZM-78596	133780	ZM-97291	134825		
ZM-717	231996	ZM-787	135877	ZM-97296	134825		
ZM-718	231910	ZM-792	138012	ZM-973	138971		
ZM-719	135287	ZM-79296	231107	ZM-973	333148		
ZM-71996	138819	ZM-793	138011	ZM-975	136717		
ZM-722	131790	ZM-79396	138821	ZM-975	333241		
ZM-724	130471	ZM-794	137930	ZM-97591	132779		



Index

Edition 2017-2019





HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
080161	703	130115	315, 13	130388	97	130496	564
080162	700	130116	13	130390	97	130497	576
080163	703	130117	13	130393	97	130498	576
080165	703	130118	13	130396	97	130499	317, 240
080232	703	130119	373, 23	130398	97	130500	567
090095	695	130120	373, 23	130400	98	130503	686
090096	695	130122	13	130401	98	130511	565
090097	696	130124	32	130402	98	130519	601
090098	696	130127	374, 34	130404	98	130520	590
090099	695	130128	374, 32	130405	98	130521#	579
090100	695	130130	374, 34	130406	98, 411	130522	579
090101	696	130131	35	130407	98	130523	590
090102	696	130136	230	130409	98	130529	601
090103	695	130137	230	130412	98	130530	588
090104	695	130147	298	130414	378, 98	130535	391, 321
090105	695	130176	298	130414Z	378, 98	130536	240, 580
090106	695	130194	396	130414ZZ	378, 99, 412	130537	580
090107	695	130195	393	130415	99	130538	321, 240, 580
090108	695	130196	397	130416	99	130539	391, 321, 581
090109	691	130200	393	130417	379, 99, 231, 454	130539Z	391, 322, 581
090110	691	130201	397	130418	379, 99	130540	581
090111	692	130202	393	130419	379, 99	130542	581
090113	692	130203	393	130419Z	379, 99	130551	559
090115	696	130205	393	130422	301	130552	240
090116	696	130206	393	130424	301	130553	561
090160	693	130210	315, 393	130425	301, 642	130554	562
090161	693	130213	397	130432	301, 642	130684	161
090168	693	130241#	622	130434	301, 613, 642	130685	161
090169	694	130281	375, 51, 446	130437	454	130688	161
090199	692	130282	377, 78	130439	454	130721	99
090200	692	130283	78	130440	350, 412	130722	379, 99, 231
090206	692	130293	51	130441	266, 412	130729	479
090210	694	130296	51	130442	266	130730	99, 311
090216	692	130297	51	130443	412	130731	100, 311
090224	694	130299	51	130444	412	130735	455
090225	692	130300	51	130445	412	130737	311, 413, 455
090226	692	130301	51	130446	412	130738	389, 100, 311, 455
090228	692	130301Z	51	130447	412	130739	455
090268	694	130302	375, 52	130449	311, 412	130740	379, 308, 455
090281	693	130302Z	52	130450	412	130741	413, 511
090297	694	130303	377, 78	130451	412	130745	413
090317	694	130303Z	377, 78	130452	413, 454	130749	413, 455
090318	694	130304	377, 78	130452Z	413, 454	130757	642
090334	694	130305	78	130453	413	130758	642
090348	693	130317	383, 160	130456	642	130759	413, 642
090370	693	130319	373, 13	130461	642	130760	643
090371	693	130320	373, 23	130463	642	130761	643
090373	693	130322	374, 35	130465	580	130762	643
090402	694	130323	374, 32	130468	52	130806	375, 52
090430	694	130325	374, 32, 443	130470	52	130811	340, 400
090431	693	130328	160, 233, 464	130471	52	130814	250, 400
130027	97	130332	230	130474	52	130830	401, 446
130059	12	130347	442	130475	52	130844	588
130060	12	130359#	310, 443	130476	52	130848	308, 446
130061	12	130360	14, 310, 393, 440	130477	78	130850	235
130062	12	130367	389, 446	130479	88	130851	231
130065	32	130368#	389, 443	130484	400	130852	236
130108#	12	130369	389, 443	130488	576	130853	401
130109	12	130370	440	130489	576	130855	401
130110	13	130373	400, 446	130492	572, 689	130856	401
130113	13	130377	310, 446	130493	686	130869	437
130114	13	130386	440	130495	564	130871	437

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
130872	401	131097	101	131274	410	131408	588
130878	393	131098	101	131275	410	131413	241
130879	437	131101	101	131276	410	131429	581
130882	397	131102	101	131298	437	131431	341, 629
130897	413	131102Z	101	131308	53	131432	103
130900	231	131104	101	131309	374, 24	131433	103
130904	477	131104ZZ	101, 414	131311	374, 24	131433Z	103
130920	100, 311	131106	101	131312	35	131434	103
130923	562	131107	102	131313	32	131435	14
130930	100	131108	102	131314	32, 443	131437	308, 310, 402, 447
130931	100	131109	414, 455	131315	88	131439	389
130932	100	131110	267, 414, 512	131316	88	131443	388, 210
130939	78	131111	643	131317	88	131444	209
130940	231	131112	401, 446	131318	88	131445	161
130945	308, 440	131115	409, 451	131319	88	131448	208
130946	455	131116	373, 24	131322	300	131449	208
130948	643	131117	643	131323	300	131450	213
130949#	298, 622	131119	567	131325	310, 451	131453	213
130950	100	131121	401	131329	451	131454	213
130951	401	131122	559	131330	638	131470	442
130952	409	131124	24	131333	638	131472	440
130959#	413	131127	626	131334	89	131473	397, 444
130968	202	131130	14	131335	89	131474	397, 443
130969	202	131132	440	131337	89	131475	103
130970	202	131134	374, 32	131338	89	131481	581
130988	685	131137	559	131341	35	131482	591
130994	14	131138	158	131343	643	131489	103
130995	100	131141	53	131344	103	131490	602
131007	298	131142	317, 53	131345	89	131495	103
131009	299, 629	131143	53, 446	131346	590	131499	176
131010	299	131144	340, 401	131348	602	131500	602
131013	299	131150	102	131349	572	131501	602
131015	409	131167	379, 102	131350	562	131503	153
131019	100	131168	559	131351	564	131584	629
131021	301	131169	424	131352	590	131586	53
131035	413	131170	643	131353	588	131588	414, 455
131042	53	131171	629	131354	559	131589	402, 447
131051	14	131172	300	131356	568	131590	318, 240, 568
131053	377, 79	131174	559	131358	588	131591	94
131056	391, 322, 227, 581	131184	161, 464	131359	562	131592	94
131057	576	131185	161	131360	564	131594	94
131058	576	131188	301, 643	131361	572	131595	94
131063	14	131189	318, 53	131362	590	131596	302
131064	311	131190#	622	131363	318, 568	131597	104
131065	100	131206	414	131364	320, 573	131604#	704
131065Z	101	131207	102	131365	559	131605	704
131068	643	131208	299, 402, 629	131366	563	131606	704
131069	622	131212	389	131367	576	131607	704
131071	629	131220	240	131368	576	131618	676
131074	374, 35	131247	402	131369	318, 568	131627	560
131075	373, 14	131248	402	131370	375, 53, 568	131628	512
131078	409	131252	402	131371	689	131652	393
131079	410	131253	567	131372Z	79, 689, 573	131654	393
131080	567, 686	131254	572	131373Z	53, 568	131655	394
131083#	301, 414	131255	402	131374	258	131656	394
131084	250, 401	131264	410	131379	24	131657	230
131085	350, 414	131267	379, 102	131381	103	131658	560
131086	350, 414	131269	102	131396	318	131659	560
131087	414, 512	131270	102	131400	559	131661#	562
131088	101, 311	131271	102	131401	560	131663	14
131090#	267	131272	567	131403	560	131665	14
131094#	298, 622	131273	567	131406	592	131666	24

STARTER COMPONENTS



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
131668	394, 440	131832	259	132068#	263	132200	644
131670	394, 440	131833	259	132070	613	132202	308, 464
131674#	32	131834	263	132075	379, 308, 456	132203	214
131677	32	131835	263	132078	302	132204	107
131680	397, 443	131836	263	132079	106	132205	107
131705	414	131837	293	132079Z	106	132205Z	107
131707	414	131838	293	132085	517	132206	644
131708	415	131839	14	132090	359	132207	214
131709	415	131841	214	132093	341	132208	214
131711	104	131847	89	132094	341	132209	426
131712	104	131852	350	132095	498	132216	107
131713	104, 311	131929	477	132108#	626	132216ZZ	107
131714	379, 104, 311	131933	11	132113	592	132217	36
131715	415, 455	131934	11	132114	592	132219	39
131716	311, 415, 455	131984	350	132115#	592	132220	39
131723	415	131985	350, 416	132116	592	132221	39
131724	422	131986	350, 322, 416	132117	106	132222#	214
131725	423	131988	350, 416	132119	456	132223	176
131726	423	131989	146	132120	477	132224	176
131728	415, 455	131990	146	132122	309	132226	159
131729	415, 456	131991	146	132123	153	132227	403, 447
131732	415	131992	154	132124	641	132228	403, 447
131733	415	131994	105	132131	593	132229	308, 310, 452
131734	415	131995	105	132137	447	132241#	299
131737	415	131996	105	132138#	452	132246	453
131738	416	131997	105	132139	453	132248	453
131744	104	131998	105	132140	391, 227	132249	403, 447
131745	104, 231	131998Z	106	132141	391	132250	452
131747	104, 231, 456	131999	643	132142	391, 227	132251	453
131749	231	132000	106	132143	15	132252	54
131752	231	132001	350, 416	132144#	33	132253	54
131766	391, 228, 581	132002	350	132145	641	132254	79, 451
131767	104, 228, 581	132003	355	132146	641	132255	79
131768	391, 104, 228, 582	132004	267	132147	301	132258	54
131769	582	132005	322, 512	132149	15	132261	54
131770	322, 582	132005Z	322, 512	132152#	15	132263	54
131771	104, 643	132009	512	132153	15	132264	55
131772	105	132010	512	132154	33	132265	55
131773	105	132011	512	132156	15	132266	55
131774	105	132012	512	132158	15	132267	55
131775	105	132014	513	132163	106	132268	630
131783	350, 416	132017	524	132164	15	132269	403
131784	463	132020	644	132166	106	132270	410
131785	402	132021	644	132167	106	132272	55, 310
131786	402	132022	644	132168	106	132273	379, 107
131787	403	132024	629	132169	106	132274	300
131788	403	132025	630	132170	302, 644	132275	94
131790	54	132027	622	132171	298	132276	94
131791	54	132028	622	132173#	622	132277	94
131793	54	132029	656	132175	644	132279	89
131794	54	132031	15	132177	644	132281	94
131797	299, 629	132033	638	132178	644	132282	478
131798	629	132034	638	132181	302, 644	132285	416, 456
131800	341, 403	132035	300	132182	302	132286	416
131802	498	132036	300	132186	456	132288	416
131807	250	132037	484, 641	132187	416, 456	132291	416
131810	676	132043	274	132188	416, 456	132293	456
131813	622	132044	275	132193	106	132294	79
131820	704	132049	39	132194	107	132299	55
131821	704	132058	341	132195#	107	132300	89
131830	259	132059	341	132197	302	132303	161, 464
131831	259	132063	293	132199#	622	132304	161, 464

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
132306	162	132531	548	132699	582	132869	242
132308	107	132534	547	132702	108	132870	263
132311	350, 417	132536	547	132705	263	132871	281
132322	578	132537	547	132706	257	132872	281
132332	15	132539	547	132707	257	132873	281
132345	107	132542	108	132708	257	132874	281
132356	33	132545	267	132709	263	132876	592
132358	35	132547	267	132711	683	132878	263
132360	33	132550	274	132712	683	132879	264
132361	79	132551	283	132722#	310	132880	257
132362	79	132552	283	132723#	89, 310	132881	257
132363	79	132553	244	132724#	311	132882	257
132364	108	132559	281	132725	263	132883	257
132365	108	132563	263	132726	605	132884	257
132366	108	132564	259	132729	560	132885	273
132367	108	132565	259	132730	592	132886	293
132368	108	132566	275	132731	391, 582	132887	283
132381	676	132567	260	132732	108, 582	132888	294
132382	208	132568	260	132735	579	132889	294
132386	524	132570	263	132736	580	132891	291
132387	524	132571	660	132741	328, 241	132892	291
132388	108	132572	704, 704	132742	328	132893	291
132392	563	132573	704	132751	322	132894	294
132400	397	132574	302	132763	498	132895	278
132401	394	132576	176	132764	379	132896	273
132402#	396	132585	33	132765	513	132897	264
132404	409	132586	417, 456	132771	437	132899	644
132405	275	132587	417	132776	310	132900	291
132421	341	132589	602	132778	89	132904	24
132423	346	132590	602	132779	89	132905	35
132424	359	132591	506	132780	90	132906	380
132425	359	132594	230	132781	90	132914	346
132447	351	132595	230	132782	417	132915	341
132448	351	132597	230	132796	242	132917	318, 498
132449	351	132599#	230	132798	336	132918	351
132450#	351	132600	230	132802	210	132924	306
132453	351, 417	132601	231	132803	55	132928	436
132454	336	132604	154	132808	327, 158	132937	477
132456	336	132615	394, 440	132812	658	132939	686
132457	336	132618	622	132814	16	132940	689
132459	358	132619	440	132815	16	132941	479
132470	498	132632#	302	132816	16	132942	267
132471	498	132633#	302	132817	394, 441	132943	582
132472	498	132634	267	132818	417, 456	132944	568
132473	318, 498	132635	290	132818Z	417, 456	132950	275
132475	424, 526	132637#	522	132819	417, 457	132951	396, 442
132483	517	132638	528	132820	417, 457	132952	578
132484	487	132639	542	132821	417, 457	132956	624
132486	394, 487, 622	132641	250	132822#	513	132962	644
132487	487	132677	89	132824	108	132964	645
132489	524	132678	588	132826	638	132965	417
132493	551	132681	588	132827	55	132966	637
132494	551	132682	602	132828	55	132967	637
132495	548	132685	560	132843	210	132968	637
132498	549	132686	560	132845	351	132971	656
132499	549	132691	563	132847	368	132972	657
132500	549	132693#	563	132849#	441	132974	645
132503	552	132694	582	132852	417, 457	132975	645
132514	552	132695	582	132863	267	132976	630
132519	552	132696	573	132864	267	132977	630
132526	555	132697	108	132865	275	132981	235
132530	548	132698	341	132866	275	132982	214, 236



Index

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
132988	16	133146	578	133317	203	133470	157
132994	303	133147	560	133318	203	133471	157
132995	658	133148	90	133332	359	133475	156
133007	518	133151	631	133333	359	133476	156
133009	518	133155	638	133334	359	133478	156
133018	230	133156	638	133336	645	133480	513
133019	565	133157	90	133337	281	133482	549
133020	540	133159	90	133338	327, 526	133483	146
133021	542	133160	16	133339	327, 526	133484	146
133022	580	133163	631	133340	526	133485	147
133023	605	133166	631	133341	526, 658	133486	16
133024	605	133167	626	133342	526	133487	56
133025	605	133169	631	133353	275	133488	36
133027	605	133177	300	133354	275	133489	36
133030	442	133178	300, 404, 631	133355	275	133490	36
133031	336	133180	577	133356	275	133493	518
133034	490	133181	577	133361	351	133498	109
133039	498	133182	588	133362	109	133503	94
133041	355	133184	33	133363#	518	133505	696
133042	356	133187	404	133368	394	133506	696
133043	342, 318	133195#	146	133370	696	133507	322, 583
133044	342	133197	593	133371	696	133510	11
133045	342	133200	410	133372	696	133515	11
133047	342	133202	90	133388	676	133520	513
133049	499	133209	16	133389	242	133531	404, 447
133050	403, 499, 630	133221	298, 623	133390	696	133532	631
133052	403, 499	133228	298	133391	547	133533	631
133053	499	133230	109	133392	548	133534	632
133054	342	133231Z	380	133395	549	133540	203
133056	338	133233	645	133398	56	133545	583
133057	359	133266	351	133403	521, 655	133553	175
133058	351	133268	513	133411	479	133554	377, 79
133059	444	133269	347	133412	478	133555	175
133060	573	133270	349	133413	478	133556	176
133076	483	133273	508	133419	56	133557	176
133077	657	133275	510, 641	133421	56	133558	162
133078	674	133276	347	133422	56	133561	486
133079	625	133284	508	133424	56	133562	486
133083	404, 447	133285	508	133428	56, 240	133566	404, 447
133084	11	133286	508	133436	356	133567	441
133085	11	133287	509, 639	133437	351	133568	95
133086	11	133288	499	133439	524	133569	95
133087	11	133289	499, 631	133441	268	133570	95
133088	11	133290	483	133442	645	133571	95
133089	11	133291	552	133443	109	133572	95
133090	11	133295	418	133447	90	133573	95
133094	257	133296	418	133448	524	133575	96
133098	11	133297	418	133449	524	133576#	579
133099	258	133298	418	133450	518	133577	579
133100	33	133300	404	133451	518	133578	579
133101	33	133301	404	133453	518	133590	404
133104#	258	133302#	394	133454	513	133591	418, 457
133107	16	133305	394	133456	146	133595	444
133113	508	133307	33	133457	146	133596	109
133120	299, 630	133308	202	133458	146	133599	260
133121	299, 630	133309#	202	133459	146	133601	260
133122	299, 630	133310	202	133463	423, 522	133602	260
133123	300, 630	133311	202	133465	351	133603	214
133128	631	133312	203	133466	154	133605	352
133136	623	133313	203	133467	154	133606	356
133139#	657	133314	203	133468	155	133609	369
133141	56	133316	203	133469	156	133611	369

* Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
133616	686	133841	308, 457	134050#	203	134204	273
133617	689	133849	336	134053#	203	134205	653
133618	423	133850	561	134056#	39	134206	273
133620	639	133851#	474	134058#	39	134207	141
133621	260	133852	548, 568	134060	39	134208	422
133628	513	133853	109	134064	697	134209#	355
133630	518	133854	322, 552, 583	134065	418	134210	141
133631	268	133855	686	134066	154	134211	141
133633	639	133856	686	134068	157	134212	653
133634	260	133857	686	134069	157	134213	274
133635	260	133860	380	134071	487	134214	143
133636	56	133863	552	134091	33	134215	653
133637	436	133864	322, 583	134092	162	134216	143
133641	704	133871	518	134093	162	134217	462
133642	57	133878	294	134095#	437	134218	654
133643	57	133879	294	134096	437	134219	383
133644	57	133880	294	134103	162	134220	654
133645	300	133886	526	134104	162	134221	462
133646	658	133887#	322	134105	657	134222	654
133647	659	133889	303	134106	676	134223	145
133653	359	133890	378	134107	676	134225	144
133660	281	133891	378	134108	227	134227	369
133661	281	133892	378	134111#	227	134231	369
133668	474	133893	424	134115	465	134232	369
133670	486	133894	423	134116#	39	134234	653
133675	250	133896	109	134121	336	134235	586
133682	418	133897	645	134122	441	134236	143
133683	418, 457	133899	298	134130	39	134237#	143
133695	686	133904	358	134131#	40	134238	143
133697	637, 689	133908	36	134134	40	134240	586
133708#	294	133909	232	134136	40	134241	143
133709	281	133911	474	134140	306, 676	134242	586
133710	283	133912	474	134141	96	134243	462
133711	250	133913	475	134142	658	134244	654
133712	268, 645	133914	437	134143#	159	134245	143
133713	242	133937#	298	134145	639	134246	462
133714	268	133954	655	134147	301	134247	517
133715	281	133955	441	134150	301	134248	274
133716	294	133961#	479	134152	641	134249	274
133717	291	133965	603	134153	641	134250	141
133723	250	133967	177, 466	134154	642	134251	141
133730	359	133970	441, 623	134156	177	134252	586
133731	360	133974	603	134158	306	134253	355
133738#	109	133975	583	134160	157	134254	653
133749	342	133976	583	134162	653	134256	355
133750	342	133983	375	134163	142	134257	141
133752	704	133985	418, 457	134164	142	134258	141
133768	300	134009	203	134171	653	134259	144
133777	90	134010	203	134172	142	134260	517
133778	347	134012	33	134173	653	134261	141
133779#	348	134017	443	134174#	653	134263	654
133780	348	134018	457	134179	142	134264	654
133782	484	134025	162	134181	653	134265	355
133790	232	134029	473	134188	142	134266	517
133791	232	134030#	33	134190#	142	134267	528
133803	348	134031	565	134192	142	134268	274
133805	268	134035	154	134193	142	134269	274
133808	281, 526	134040	426	134194#	142	134270	426
133809	250	134041	425, 464	134195	142	134271	653
133810	283, 528	134042	375	134196	462	134272	144
133812	279	134044	397, 443	134197#	462	134276	704
133814	573	134047	522	134203	461	134277	703



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
134278	703	134484	291, 540	134709	145	134868	163
134279	144	134485	368, 540	134716	388	134875	155
134280	144	134486	291, 540, 603	134722	681	134886	405
134282	109	134487	292, 540, 603	134723	681	134887	12
134283	485	134488	392, 675	134736	395, 487, 623	134888	318, 405, 448
134284	484	134489	540	134737	487	134890	405
134285	12	134491	306	134739	358	134891	406
134289	676	134493	40	134740	358	134894	702
134291	425, 464	134496	264	134746#	357	134896	26
134292	645	134503	247	134747	357	134897	26
134300	324	134510	248	134756	676	134899	409
134301	274	134513	623	134757	145	134901	163
134318	40	134514	16	134758	145	134902	660
134319	40	134516	155	134764	145	134905#	26
134323	178	134521	16	134765#	145	134906#	26
134324	178	134522	17	134769	214	134913	143
134328	294	134527	34	134770	145	134914	145
134329	294	134530	175	134771	214	134915	509, 639
134346	339	134531	175	134772	214, 700	134917	352
134347	355	134536#	40	134774	703	134918	322, 513
134359	34	134548	176	134775	703	134921	697
134362	40	134604	475	134776	209, 675	134922	274
134364	418, 457	134606	203	134777	589	134923	144
134368	242	134607	203	134779	676	134924	144
134369	242	134610#	41	134782#	703	134925	110, 513
134370	242	134612	209	134783#	703	134926	487
134371	109	134613	209	134788	294	134930	355
134371Z	110	134615	645	134790	677	134931	675
134372	214	134616	159	134791	677	134933	250
134376	57	134617	210	134792	704	134934	258
134378	57	134619	348	134795	478	134935	623
134383	90	134620	348	134798	426, 465	134937	176
134393#	40	134625	509	134799	17	134948	542
134401	639	134626	509, 639	134806	280	134949	542
134402	639	134627	258	134806Z	280	134950	542
134403	40	134630	550	134807	277	134951	542
134406	40	134631	550	134812	346	134952	542
134413	253, 506	134632	548	134815	41	134956	427
134427	418	134633	292, 603	134819	422	134957	427
134429	580	134641	442	134820	422	134958	214
134430	410	134642	659	134821	462	134959	215
134434	110	134643	457	134822	462	134960#	513
134435#	40	134644	110	134823	57	134964	703
134439	26	134645#	645	134824	57	134965	209
134440	36	134653#	441	134825	90	134966	524
134441	210	134658	162	134837	583	134970	144
134442	176	134659	162	134839	588	134971	547
134444	423	134660	162	134840#	602	134973	553
134445	423	134661	163	134841	577	134974	549
134446	424	134665#	605	134842	591	134978	144
134452	425	134670	464	134843	593	134980#	677
134455	404	134673	510	134844	90	135002	268
134456	405	134675	591	134850#	41	135003	275
134457	405	134676	704	134851	542	135004	176
134459	437	134677	41	134852	425	135008	342
134460	438	134681	464	134853	425	135010	356
134466	232	134683	207	134854	425	135013	486
134476	425	134692	436	134856	268	135014	677
134477	368	134695	405	134859	457	135015	163
134480	348	134696#	405	134862	405, 448	135016	260
134481	675	134702	175	134864	41	135017	510
134483	405	134708	145	134866	657	135018	660

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
135050	215	135191	422	135375	160	135571	522
135051	215	135195	215	135377	143	135572	514
135052	215	135199	603	135380	80	135573	424, 522
135055	215	135200	397	135381	80	135574	332, 543
135056	156	135201	528	135383	260	135575	208
135059	358	135203	697	135384	260	135576	216
135060	215	135204	589	135385	260	135579	208
135063	583	135205	203	135387	623	135580	216
135065	57	135211#	703	135388	655	135581	514
135066	427	135214	41	135389	302, 646	135583	58
135068	147	135216	704	135390	632	135590	251, 499
135069	147	135217	295	135392	625	135598	147
135071	147	135221	26	135397	215	135600	148
135072	147	135222	26	135400	619	135601	148
135073	147	135223	26	135401#	620	135604	425, 465
135074	147	135224	26	135402	620	135610	564
135077	153	135225#	389	135403	620	135620	395, 441
135078	153	135235	163	135404	620	135634	216
135079	153	135242	425, 465	135406#	620	135635	674
135080	155	135245#	563	135408	620	135636	674
135081	654	135251	110	135409	620	135637	216
135082	156	135259	215	135410	620	135639	17
135083	645	135271	356	135421#	704	135642	603
135084	646	135282	646	135422	660	135643#	580
135085	110, 646	135287	342	135423	660	135644	475
135086	110	135289#	41	135445	268	135645	216, 677
135086Z	110	135290	605	135460	177	135647	646
135089	562	135291	215	135461	568	135649	336
135091	352	135292	637	135462	580	135650	264
135091ZZ	352	135299	176	135463	458	135651	268
135092	375	135302	215	135464	111	135652	251
135093#	336	135303	204	135465	587	135664	111
135100	418	135310	275	135467	328, 425, 526, 659	135667	547
135101	338	135313	264	135468	327, 522	135668	547
135102	245	135317	677	135471	147	135669	548
135103	349	135323	577	135474	278	135672#	553
135104	349	135324	320, 577	135475	295	135673	553
135105	349	135325	656	135476#	264	135674	550
135106	510	135326	656	135478	369	135676	549
135108	511	135327	158	135483	494	135678	548
135113#	17	135335	464	135485	398, 494, 627	135679	553
135116	110	135338	316, 564	135492	369	135696	555
135116Z	110	135341	521	135496	175	135698	555
135117	419, 458	135342	264	135497	427	135699	555
135118#	487	135343	264	135498	292	135703	547
135119	389	135344	274	135499	438	135711	419, 458
135120	427	135351	17	135500	438	135712	423, 462
135121	423	135353#	410	135501	438	135713	111
135122	438	135354	410	135515	657	135714	111
135123	438	135355	419	135516	677	135715	111
135127	294	135358	57	135517	355	135715Z	111
135128#	295	135359	475	135521	550, 573	135716	111
135137	511	135360	369	135522	369, 215	135717	419, 458
135164	110	135361	556	135523	216	135718	352
135166	264	135362	274	135526	58	135719	352
135167	264	135363	641	135542	552	135720	591
135168	264	135364	356	135552	211	135721	419, 514
135180	419	135365	526	135563	175	135722	357
135187#	369	135368	542	135565	425, 465	135746	295
135188	369	135370	343	135567	513	135750	246
135189	462	135372	208	135569	111	135751	246
135190	462	135374	111	135570	276	135762	458

STARTER COMPONENTS



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
135764	399, 445	135970	154	136229	514	136371	58
135768	466	135971	157	136231	17	136374	265
135769	466	135975	370	136233	42	136377	492
135770	466	135979	543	136237	216	136400	227, 550
135772#	479	135982	211, 541	136242	158	136402	228
135773	478	135984#	42	136243	248	136412	391, 227
135775#	480	135985	112	136248	336	136415	229
135777	327, 158	135989	112	136250	332	136416	523
135782	211	136005	639	136255	632	136418	163
135784	396, 492	136025	58	136257	458	136425	112
135786	561	136033	265	136261	419	136426	646
135790	245	136034	94	136265	477	136427	623
135801	111	136036	58	136266	477	136428	626
135802	245, 492	136049	42	136267	479	136431	675
135806	41	136053	204	136268#	477	136437	217
135815	395	136055	452	136269	477	136438#	42
135816	583	136068	495	136270	478	136447	269
135820#	637	136084	295	136271	481	136449	480
135822	426	136085	277	136272	438	136460	96
135824	242, 487	136086	268	136273#	217, 677	136461	703
135830	276	136087	295	136274	217, 438	136472	112
135831	492	136088	295	136275	438	136509	112
135832	487	136089	295	136276	411	136517#	614
135836	358	136090	42	136277	438	136522#	614
135841	148	136099	492	136278	217	136523	614
135842#	17	136103	281	136279	438	136528	615
135846	216, 677	136104	283	136280	677	136529	615
135847	216	136105	17	136281	217	136540	615
135848	216	136106	12	136282	204	136544	59
135851	291	136108	90	136283	159	136547#	36
135853	242	136111	370	136285	112	136557	163
135859	211	136118	397	136290	42	136558	36
135860	111	136127#	42	136298	158	136559	37
135861	112	136134	42	136299	295	136572#	248
135862	58	136135	396, 492	136306	217	136582	42
135865	264	136139	552	136307	217	136592	424
135866	157	136141	346	136308	217	136594	514
135867	656	136142	506	136310#	42	136602	514
135869	395	136143	396, 442	136313	269	136606	257
135871	686	136144	352	136314	282	136607	257
135874	339	136145	514	136315	269	136613	488
135876	216	136158	232	136317	295	136614	112
135877	343	136163	398, 444	136318	583	136615	59
135878	58	136164	406, 448	136319#	395	136619	646
135879	677	136169	216	136320	626	136620	657
135883	232	136170	614	136321	475	136625	444
135889	268	136171	614	136322	438	136630	390
135892	41	136173	614	136323	678	136632	319
135897	41	136174	614	136327	499	136633	323
135903	492	136175	295	136328#	307	136634	315
135911	112	136182	248	136334	488	136635	328
135912	41	136183	246	136338	419	136636	327
135914	41	136189	338	136339	438	136637	325
135915	42	136196	490	136340	209, 603	136638	325
135916	438	136199	42	136341	486	136639	332
135927	492	136203	445	136342	583	136640	326
135938	606	136204	426, 465	136344	506	136641	326
135939	561	136206	444	136348	514	136642	646
135940	540	136208	352	136359	541	136643	441
135953	369	136223	398, 444	136367	639	136652	97
135968	677	136227	674	136369	58	136653	217
135969	475	136228	352	136370	58	136655	619

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
136660	619	136877	399	137045	619	137280	615
136665	208	136878	399, 445	137049	398	137281Z	380
136671	678	136879	399	137050	398	137284	18
136679	143	136881	623	137057	410	137286	23
136681	482	136884	243	137058	411	137287	23
136690	209	136885	245	137059	411	137289	626
136691	210	136886	251	137062	602	137291	623
136692	80	136887	277	137064	602	137293	269
136694	177	136888	113, 240	137069	18	137293Z	269
136695	204	136889	406, 448	137070	18	137299	114
136696	217	136892	410	137071	552	137300	632
136697	217	136894	491	137074	547	137301	370
136706	43	136895	522	137084	484	137302	370
136707#	43	136896	243	137091	683	137306	370
136709#	308	136897	245	137092	336	137308	27
136713	291	136899	269	137093	683	137310	114
136714	43	136901	265	137114	43	137326	419
136717	59	136908	625	137120	337	137327#	44
136719	316	136912	113	137121	360	137328	148
136720#	316	136914	204	137136	43	137337#	337
136722	514	136915	204	137137	163	137339	569
136723	112	136923	514	137155	43	137343	703
136734	426, 465	136924	592	137156#	43	137346	452
136735	217	136925	113	137161	43	137347	452
136736	678	136926#	593	137162	44	137348	453
136743	112	136927	593	137167	29	137349	91
136744	269	136928	593	137168	27	137350	245
136753	495	136929#	593	137169	27	137363	395
136760#	483	136932	704	137170	113	137365	278
136762	495	136935	248	137171	113	137368	60
136763	659	136938	492	137172	218	137370	569
136765	217	136946	528, 593	137173	204	137371	258
136766	697	136947	528	137175	59	137377	248
136770	419, 458	136949	439	137176	218	137383	148
136779	59	136950	439	137177	208	137386#	50
136783#	17	136962	419	137179	211	137399	625
136784	17	136963#	395	137190	406, 448	137400	703
136786	59	136968	422	137191	406, 448	137402	426
136787	112	136969	380	137199	113	137403	422
136788	148	136970	204	137204	265	137404	426
136790#	43	136971#	218	137213	445	137408#	703
136791	208	136973#	218	137218	514	137413	352
136794	269	136974	444	137219	398, 493, 627	137427	539
136795	269	136975	398, 444	137221	495	137443	60
136796	269	136983	483	137225	148	137448#	248
136797#	269	136985	113	137231	113	137455	646
136804	43	136986	17	137232	59	137457	543
136811#	396	136987	34	137233	18	137459#	340
136846#	562	136988	17	137234	34	137461	703
136852	59	136994	43	137262	703	137463	148
136854	113	136995	43	137263#	703	137464	148
136854Z	113	136998	24	137265	114	137479	18
136854ZZ	113	137000	37	137266	59	137480	114
136855	148	137001	204	137268	163	137480Z	114
136856	204	137012#	653	137270	204	137480ZZ	114
136858	511	137016	204	137271	646	137481	114
136862	242	137021	282	137273	44	137481Z	114
136863	399	137023	483	137275	114	137482	18
136864	399	137025	445	137276	60	137483	115
136871	399	137029	218	137277	352	137485	561
136875#	399	137033	253	137278	225	137490	60
136876	399	137038	368	137279	114	137491	60



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
137492	518	137732	657	137896	28	138140#	678
137494	439	137733	584, 646	137897	28	138144	606
137495	439	137738	474	137906	44	138148	278
137497	704	137739	518	137911	44	138151	655
137526	328	137742	218	137912	45	138155#	280
137527	332	137744	218	137915	45	138156#	246
137528	332	137745	218	137918	45	138167	419, 458
137529	321	137746	218	137919	28	138170	343
137530#	395	137750	360	137920	149	138172	639
137532	439	137751	270	137921	149	138173	641
137533	358	137752	353	137927#	543	138174	641
137539	248	137753	270	137929	527	138176	639
137543	548	137753Z	270	137930	500	138183	254
137544	550	137755	149	137931	509	138193	675
137545	539	137756	704	137932	357	138198	492
137546	539	137757	704	137933	357	138201	164
137550#	491	137758#	543	137934	357	138208	647
137566	256	137759	406	137935	357	138209	323
137567	256	137760	584	137936	339	138210	45
137568	256	137763	44	137938	358	138212	373
137573	674	137764	515	137939	353	138213	587
137575	704	137765	515	137948	337	138214	589
137582	321	137766	227, 557	137950	270	138215	589
137588#	295	137790	448	137951	61	138216	584
137590	296	137791	160	137952	270	138216Z	584
137592	296	137792	207	137953	243	138217	569
137594	296	137795	343	137954	245	138219#	219
137610	50	137797	509	137955	282	138221	160
137611#	44	137798	348	137957#	626	138222	584
137612	60	137801	703	137976	296	138224	606
137613	60	137809	577	137977	245	138225	602
137614	218	137811	549, 569	137978	243	138233	115
137617	158	137812	153	137979	277	138240	703
137618	163	137813	499	137980	254	138241	703
137619	27	137815	91	137981	115	138243	704
137620	27	137816	324	137982	61	138244	704
137621	27	137824	577	137983	50	138245	704
137622	27	137825#	427	137985	37	138252	115
137623	148	137827	218	138003	91	138253	149
137624	149	137833#	358	138004	91	138254	24
137628	44	137834#	368	138005	61	138255	35
137629	44	137836	339	138006	91	138257	80
137630	44	137853	491	138009	483	138260	373
137632	44	137858	274	138011	500	138299	420
137633	44	137859	274	138012	500	138308	115
137635	44	137864	277	138013	500	138308ZZ	116
137641	495	137865	296	138014	251	138311	80
137643	515	137869	259	138026	296	138313	61
137647#	270	137870	509	138027	296	138314	35
137653	360	137876	91	138068	557, 569, 619	138316	116
137693	60	137877	61	138086#	703	138317	34
137696	60	137879	61	138087	704	138318	35
137700	283	137883	205	138089	704	138319	164
137703	164	137884	149	138091	704	138320	164
137706	91	137885	149	138112	657	138322	116
137710	495	137886	149	138113	646	138323	28
137712#	495	137888	115	138114	657	138324	45
137713	523	137889	115	138123	276	138325	149
137719	398	137890	115	138124	276	138326	164
137720	319	137891	115	138128	584	138328	219
137721	218	137891Z	115	138137	270	138329	219
137729	28	137893	18	138138	439	138330	18

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
138332	116	138570	277	138830	338	139011	207
138334	18	138575	276	138831	374	139013	116
138338	440	138576	277	138835	219	139014	62
138346	398	138577	276	138848	18	139015	205
138348	400	138579	520	138849	24	139018	62
138349	400	138584	520	138854	657	139019	62
138350	400	138597	160	138856	207	139021#	149
138351	399, 445	138598	160	138857	626	139022	165
138353	424	138601	642	138865	458	139032	399, 445
138354	424	138606	482	138866	380	139037	270
138355	246	138608	265	138867	116	139046	260
138358	232	138609#	274	138874	116	139047	261
138361	30	138613	340	138875	116	139048	265
138362	30	138618	500	138875Z	116	139049#	296
138363	343	138619	497	138876#	116	139050	219
138364	343	138639	466	138877	61	139051	279
138366	343	138642	659	138878#	254	139052	279
138373	474	138645	678	138880#	439	139056	117
138374	474	138646#	678	138884	436	139056Z	117
138378#	248	138647#	678	138888#	424	139060	158
138383	243	138649	678	138889	543	139065	37
138385#	282	138660	606	138896	550	139068	62
138391	233	138670	373	138897	551	139069	62
138392	233	138672	282	138898	551, 577	139071	205
138405	495	138674	18	138899	164	139075	62
138408	647	138675	244	138900	164	139076#	248
138409	577	138680	606	138901	164	139081	261
138410	578	138681	280	138904	164	139083	271
138412	205	138682	296	138914	291	139085	410
138417	488	138683	219, 439	138916	149	139104	407, 449
138418	506	138684#	683	138920	149	139112	411
138419	282	138685	372, 335, 683, 690	138924	37	139115	219
138420	254	138699	565	138926	91	139119	177
138424	164	138701	337	138927	205	139131	459
138430	219	138707#	357	138929	257	139132	353
138433	292	138709	360	138931	257	139133	464
138434	399, 445	138739	343	138934	258	139137#	565
138435	704	138750	210	138936	258	139139	628
138443	395, 441	138751#	235	138937	258	139141	452
138444	406, 448	138752	458	138939	258	139143	154
138451	704	138753	407, 449	138940	258	139144	165
138477	406, 448	138757#	243	138941	258	139146	165
138487	474	138763	61	138942	258	139147	276
138496	319	138766#	307, 678	138943	258	139148	243
138497	321	138769	25	138945	638	139149	246
138505	338	138770	25	138946	116	139150	282
138522	449	138784	236	138948	116	139152	205
138526	395, 441	138788	219	138953	454	139153	647
138531	406, 449	138791#	463	138956	270	139157	219
138533	420, 458	138793	458	138957	344	139159	411
138534	426, 465	138804#	280	138958	353	139164	344
138535	465	138809	343	138959	337	139166	360
138536#	396, 443	138810	348	138962	488	139173	156
138537	426, 465	138811	344	138963	527	139174	678
138538	426, 465	138812	348	138964	614	139176	339
138546	420	138813	251	138967	615	139177	411
138556	398, 444	138814	344	138971	61	139200	520
138565	423, 522	138818	348	138984	227	139202	500
138566	270	138819	348	138985	459	139203	543
138567	270	138820	500	138985Z	459	139205	541
138568	270	138821	509	138989	155	139207	370
138569	277	138823	344	138991	153	139208	370

STARTER COMPONENTS



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
139209	319, 569	139434	623	139594	368	139727	237
139212	62, 240	139436#	245	139597	91	139728	237
139213	91	139439	657	139598	91	139729	237
139220	449	139455#	278	139599	378	139730	237
139224	659	139458	117	139601	452	139747#	704
139235#	495	139466	62	139602	452	139752	483
139236	494	139473	647	139604	349	139782#	248
139238	527	139476	632	139605	349	139784	344
139241	491	139477	647	139606	276	139788	338
139244	271	139478	647	139614	319, 501	139798	606
139245	703	139488	282	139615	480	139799	604
139261	45	139489	246	139616	491	139803#	143
139271#	279	139492	279	139618	235	139807	159
139276#	370	139494	261	139621#	704	139810	220
139278	155	139495	261	139625	396, 443	139811	159
139283	565	139498	62	139627	465	139812	220
139292	205	139499	45	139628	463	139813	220
139299	142	139500	63	139629	399, 445	139814	160
139302	177	139502	45	139633	220	139820	519
139303	219	139503	117	139634	376	139821	521
139318	647	139505	165	139635	420	139822	527
139320	647	139507	80	139638	165	139823	523
139323	521	139509	150	139640	262	139824	506
139327	479	139510	549	139641	262	139825	490
139329	478	139511	551	139642	262	139826	528
139330	348	139512	552	139643	262	139827	296
139332	606	139519	380	139644	262	139829#	278
139336	117	139520	380	139646	315, 488	139832	344
139337	573	139521	380	139648#	332	139833	344
139339	220	139522	375	139650#	463	139834	344
139340	220	139523	376	139653	271	139835	586
139341	323	139525	91	139654	276	139836	579
139341ZZ	323	139526	475	139655	420, 459	139838#	466
139343	220	139532	261	139657	25	139839	437
139344	518	139533	523, 658	139658	19	139840	280
139352	315	139535	678	139660	580	139841	353
139357	37	139536	521	139662	236	139842	359
139359	207	139537	500	139664	370	139843	353
139360	220	139538	523	139671#	157	139844	356
139361	493	139539	543	139695#	45	139845	271
139362	220	139540	522	139697	30	139848	459
139380	678	139541	515	139698	165	139849	449
139389	235	139547	37	139699	205	139850	117
139394	226	139548#	45	139700	158	139851	346
139395	225, 620	139549	63	139701	243	139852	349
139398	488	139550	165	139703	19	139853	349
139399	488	139551#	28	139704	19	139856	687
139401	488	139554	45	139708	236	139857	687
139404	18	139558	117	139710	323, 420, 459	139858	687,
139408	500	139560	527	139710Z	323, 420, 459	139859	687
139410	515	139562	388	139713	236	139860	687
139411	543	139563	603	139714	236	139868#	523
139414	543	139572	155	139715	236	139883#	279
139417	225	139573	45	139716	236	139884	279
139418	225	139574	28	139717	237	139885	165
139420	265	139576	205	139718	237	139889	475
139421	292	139585	519	139720	237	139893#	232
139422	292	139586	501	139721	233	139895	229
139424	265	139587	35	139722	237	139896	229
139428	165	139588	675	139723	237	139897	353
139429	577	139590	654	139725	237	139898#	647
139430#	578	139593	623	139726	233	139899	353

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
139900	420, 459	140050	386, 305, 700,	140215	432, 701, 598	140349	428, 529
139901	420, 459		309, 470	140217	598, 701	140356	284
139902	420, 459	140052	431, 701	140221	190, 702	140357	428
139905	647	140053	431, 702, 558, 597	140222	367, 290, 538, 601	140358	284, 428
139906	45	140054	431, 701	140224	538	140359	284
139911	50	140056	431, 700	140225	367	140360	284, 428
139912#	50	140057	431, 701	140226	367	140361	284, 428
139913	46	140058	431, 701	140227	367	140362	284, 428
139953	423, 654	140059	431, 702	140242	332, 200, 473, 601	140363	284, 428
139954	117	140062	702	140248	190, 700	140364	284
139955	511	140064	305, 701, 312,	140249	190, 700	140374	389, 700
139962	220		597, 667	140250	190, 700	140375	200
139965	80	140065	313, 701, 470, 667	140251	190, 702	140376	361
139967	80	140066	667, 702	140252	190, 702	140377	361
139968	703	140067	667, 702	140256	190, 703	140378	361
139969	150	140068	305, 702, 667	140257	305, 702	140379	361
139976	150	140070	597, 701	140258	667, 700	140381	481, 539
139977	46	140071	597, 701	140259	667, 700	140385	529
139981	523	140074	597, 702	140261	191, 701	140386	529
139983	606	140102	431, 702	140262	598, 701	140387	529
139985	625	140103	432, 700	140264	330, 305, 702, 558	140388	529
139988	377	140104	432, 703	140268	471, 701, 598,	140391	428, 530
139989	36	140109	470, 702	140269	313, 471, 598, 701	140393	284
139990	324	140110	471, 702	140270	471, 701	140395	530
139991	211	140111	189, 702	140271	367, 290, 436,	140396	284, 428
140003	187, 701	140119	667, 702		538, 601	140397	480, 702
140004	187, 701, 312	140140	386, 190, 702	140306	362, 702	140398	697
140005	702	140144	432, 701	140307	362, 700	140399	697
140006	386, 188, 701	140151	190, 702	140308	363, 701	140400	697
140007#	386, 188, 703	140154	234, 703	140309	363, 700	140402	228, 702
140008	188, 700	140155	313, 700	140310	386, 363, 701, 701	140403	228, 702
140009	188, 701	140156	313, 700	140311	363, 701	140404	598, 702
140010	386, 188, 701, 312	140157	305, 701	140312	363, 703	140406	598, 702
140011	188, 703	140164	691	140313	363, 701	140408	683
140012	188, 480, 701	140170	234, 702	140314	363, 700	140410	683
140014	188, 700, 312	140171	234, 703	140315	363, 700	140412	436, 538
140016	188, 701	140173	234, 702	140316	363, 701	140421	473, 601
140017	188, 701	140181	597, 701	140317	363, 702	140423	191, 701
140018	188, 701	140182	597, 702	140318	363, 702	140424	287, 700
140019	386, 188, 701	140183	597, 700	140319	191, 533, 700	140425	287, 700
140020	189, 312, 702	140184	597, 701	140320	363, 700, 533	140426	287, 700
140025	189, 702	140185	597, 701	140321	533, 701	140427	287, 700
140026	386, 189, 702	140186	241, 700	140322	533, 701	140428	533, 700
140027	189, 702	140187	241, 700	140323	533, 701	140429	533, 700, 667
140028	189, 700	140188	330, 702	140325	286, 701	140430	533, 700
140029	189, 701	140189	330, 701	140326	286, 701, 533,	140435	386, 700
140030	189, 701	140192	330, 700	140328	533, 701	140436	387, 313, 701
140031	189, 701	140193	330, 702	140329	287, 701	140440	667, 702
140033	189, 701	140194	241, 702	140330	287, 701	140448	553
140035	189, 701	140197	200	140333	287, 701	140449	554, 702
140036	597, 701	140198	200	140334	360, 427	140450	554, 703
140038	304, 700, 666	140200	471, 701	140335	360	140452	471, 702
140040	386, 304, 700, 613	140201	471, 702	140336	360, 427	140457	368
140041	304, 701	140202	471, 701	140337	361, 427	140464	613, 701
140042	304, 701	140203	190, 701	140338	361, 427	140465	613
140043	189, 701, 304,	140204	190, 700	140339	361, 427	140466	534, 700
	312, 613, 666	140206	598, 702	140340	361, 427	140467	330, 700
140046	309, 700, 470	140207	432, 701	140341	361, 427	140468	200, 486, 601
140047	470, 700	140208	190, 700	140345	529	140472	667, 703
140048	470, 701	140211	471, 702	140346	529	140473	667, 703
140049	309, 470, 701	140212	432, 702	140347	428, 529	140477	598, 702
		140214	598, 702	140348	529	140478	598, 702

STARTER COMPONENTS



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
140480	428	140590	432, 703	140697	287, 702	140841	485
140481	428	140591	530	140698	485, 702	140842	330, 700
140482	200	140592	432, 703	140704	697	140843	330, 702
140483	473	140593	432, 703	140706	485	140844	330, 701
140484	534, 702	140594	432, 703	140708	530	140845	329
140485	554, 701	140595	361	140709	530	140846	534, 702
140487#	554, 701	140597	361	140711	191, 702	140847	288, 702
140488	553	140600	594	140712	558	140849	303
140489	364, 702	140601	554, 701, 598	140713	558	140850	191, 703
140494	200	140602	285	140714	621	140851	661
140495	368	140603	429	140716	429	140852	362
140496	668, 701	140614	471, 702	140717	201	140853	192, 700
140497	668, 700	140615	669, 700	140729	534, 701	140854	192, 701
140498	668, 702	140617	200	140730	534, 701	140855	192, 701
140499	668, 700	140619	200	140731	534, 700	140856	192, 701
140500	191, 701	140620	332, 200	140732	553, 594	140857	192, 701
140501	668, 700	140621	305, 700	140733	201	140858	192, 700
140505	534, 702	140622	305, 700	140734	670, 700	140859	192, 702
140507	553	140623	305, 701	140735	670, 702	140862	192, 701
140509	329	140624	191, 702	140737	594	140864#	192, 703
140510	428	140625	432, 701	140738	539	140865	192, 701
140511	428	140626	390, 701	140740	285	140866	192, 701
140512	429	140627	313, 700	140743	530	140867	192, 701
140513	429	140628	313, 701	140745	191, 702	140868	538
140514	539	140629	534, 701	140746	434, 702	140869	364, 702
140517	554, 702	140645	191, 701	140747	621	140870	364, 701
140519	554, 701	140646	433, 703	140749	621	140872	681
140520	554, 616, 702	140647	285	140750	601	140873	681
140521	228, 554, 701	140648	485, 700	140751	601	140875	554
140526	668, 703	140649	199	140755	594	140876	539
140527	481, 702	140650	202	140756	481, 701	140885	285
140528	432, 703	140653	471, 700	140757	481, 701	140896	429
140531	668, 703	140654	471, 702	140758	330, 481, 702	140897	429
140533	305, 701, 668	140655	433, 703	140765	429	140898	429
140536	668, 703	140656	433, 701	140767	290	140903	201
140537	668, 703	140657	433, 701	140768	290	140904	201
140539#	668, 703	140658	433, 702	140770	554	140905#	364, 702
140540	668, 703	140659	433, 703	140774	287, 702	140906	555, 701
140541	669, 703	140660	364, 700	140775	364, 701	140908	534, 701
140543	305, 669, 703	140661	433, 702	140776	599, 702	140909#	364, 702
140548	329	140662	433, 701	140777	288, 702	140911	193, 700
140549	228, 553	140663	433, 700	140778	288, 703	140915	535, 700
140550	553	140664	433, 702	140779	534, 702	140916	193, 700
140551	553	140665	433, 701	140781	362	140918	383, 683, 178
140553	330, 702, 558	140666	433, 700	140782	191, 701	140919	673
140554	287, 702	140667	305, 669, 701	140786	362	140920	332, 539
140555	330, 534, 700	140669	364, 669, 702	140787	288, 700	140921	530
140556	530	140670	669, 702	140788	288, 700	140922	362
140559	530	140671	669, 703	140792	288, 701	140927	364, 702
140560	530	140672	669, 702	140805#	364, 702	140928	193, 702
140561	530	140673	669, 702	140807	201	140929	193, 700
140563	191, 700	140676	669, 702	140811	594	140930	530
140566	285	140679	669, 702	140812	594	140931	531
140567	361	140680	669, 702	140813	594	140932	285
140570	285	140683	670, 702	140814	594	140933	362
140572	364, 703	140684	670, 701	140815	594	140934	362
140574	617	140688	434, 701	140823	616	140935	201
140579	287, 701	140689	434, 701	140824	616	140937	288, 700
140582	287, 701	140690	313, 472, 700	140827	472, 703	140939	599, 700
140583	287, 701	140691	481, 700	140828	616	140940	599, 700
140584	364, 701	140692	191, 703	140829	616	140941	599, 700
140586	534, 701	140694	534, 701	140835	616, 702	140942	599, 702

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
140943	594	141031	387, 701	141133	365, 700	141226	621, 701
140944	599, 702	141032	387, 700	141134	365, 700	141227	621, 700
140946	201	141037	531	141135	365, 701	141228	621, 702
140947	472, 700	141038	538	141136	365, 288, 701	141230	595
140949	555, 702	141039	234	141138	365, 702	141234	429
140950	365, 702	141040	201	141139	366, 702	141235	289, 702
140952	670, 700	141042#	234	141140	366, 702	141237	289, 701
140953	362	141045	594	141141	334, 194, 702	141238	289, 702
140955	329	141046	599, 700	141143	392, 702	141240	285
140959	670, 702	141047	599, 700	141144	392, 702	141241	194, 702
140960	290	141048	599, 702	141145	535, 670, 700	141242	595
140961	285	141049	226	141146	535, 700, 670	141243	536, 701
140962	193, 702	141050	226, 700	141148	535, 700	141244	661
140963	285	141051	226, 701	141150	536, 700	141245	531
140964	535, 702	141052	226	141151	536, 701	141246	485
140965	288, 700	141053	226, 621	141153	289, 700	141247	601
140966	531	141054	202	141154	289, 702	141248	329
140967	531	141055#	481, 702	141155	289, 702	141249	289, 700
140970	535, 700	141056	535, 701	141157	558, 701	141252	670, 701
140971	201	141060	233	141158	558, 702	141253	532
140972	368, 201	141061	193, 700	141160	670, 702	141256	202
140973	531	141064	684, 701	141161	194, 701	141257	600, 700
140974	383	141065	539	141165	194, 700	141258	286
140975	329	141067	661	141166	538	141259	532
140976	285	141068	683	141168	673	141263	436
140977	387, 701	141072#	434, 702	141182	486, 702	141264	670, 702
140978	384	141073#	288, 702	141183	178	141266	685
140979	384	141074	331, 700	141184	178	141267	286
140981	384	141075	331, 700	141185	178	141270	595
140982	384	141076	331, 701	141186	329	141271	472, 700
140983	531	141077	226, 701	141187	329	141273	532
140984	193, 701	141078	226, 701	141188	329	141274	661
140986	362	141080#	288, 702	141189	531	142000	671, 702
140987	331, 700	141082	365, 702	141190	594	142001	202
140988	193, 700	141083	682	141191	194, 702	142003	674
140991	331, 700	141084	202	141193	684	142005	199, 538
140992	365, 700	141090	539	141194	178	142006	532
140993	365, 700	141091	472, 700	141197	472, 702	142009	671, 701
140994	365, 700	141092	472, 700	141198	366, 701	142011	289, 702
140995	365, 702	141093	388	141200	228	142014	331, 700
140996	387, 701	141094	466	141201	228, 701	142015	289, 700
140997#	434, 700	141095	193, 701	141202	600, 700	142019	202
140998	535, 700	141096	193, 702	141204#	194, 701	142021	539, 601
140999	535, 701	141097	670, 702	141205	289, 702	142022	536, 700
141001	673	141099	193, 702	141206	682, 701	142025	536, 700
141003	234, 703	141102	531	141207	682, 702	142027	671, 700
141005	233	141105	288, 700	141208	682, 701	142028	671, 701
141007	201	141106	554	141209	332	142031	286
141008	178	141115	193, 701	141210	618	142033	472, 700
141009	538	141117	194, 700	141211	618	142034	472, 702
141010	531	141118	194, 700	141212	194, 702	142037	661
141011	288, 700	141119	194, 700	141213	558	142039	661
141013	434, 702	141122	599, 700	141214	618, 702	142040	286
141014	434, 700	141123	599, 700	141215	618, 700	142041	387, 700
141015	201	141124	599, 701	141216	618, 701	142043	595
141016	434, 702	141125	600, 702	141217	618, 700	142044	600, 700
141017	472, 702	141126#	600, 703	141220	536, 700	142047	600, 702
141023	362	141127	600, 701	141221	670, 700	142049	194
141025	535, 700	141128	600, 701	141222	331, 701	142054*	194
141027#	535, 700	141129	331, 702	141223	285	142055	199
141028	234, 702	141131	535, 702	141224	531, 661	142056	532
141030	384	141132	365, 700	141225	674	142057	536, 702



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
142058	661	230059	279	230268	407	230428#	564
142061	194, 702	230073	584	230269	421	230434	238
142062	200	230076	28	230278	92	230436	231
142064	200	230077	46	230280	380	230437	238
142065	290	230078	37	230285	463	230439	238
142066	286	230079	703	230286#	462	230441	238
142068	195, 700	230082	461	230320	142	230445	238
142069	178	230087	92	230323	63	230446	238
142071	661	230088	656	230324	63	230447	210
142076	671	230089	221	230325	407, 449	230448	208
142077	556	230091	145	230326	233	230452	63
142083	289, 702	230096	232	230327	233	230453	211
142084	331, 701	230097	235	230329	206	230457	50
142086	178	230098	232	230330	206	230459	491
142320	178	230099	237	230331	206	230472	607
142324	178	230104	221	230332	515	230480	462
142325	384, 179	230105	607	230333	519	230487	339
142326	384, 179	230106	607	230335	235	230489	355
142327	179	230107	607	230336	118	230498	491
142328	179	230108	589	230337	522	230499	488
142331	532	230110	566	230338	145	230500	520
142332	179	230113	46	230339	118	230501	221
142334	384, 179	230115	63	230340	118	230508	703
142335	384, 179	230126	659	230342	407	230513	589
142336	179	230144	117	230346	237	230515	608
142338	179	230144Z	117	230348	238	230516	608
142339	179	230145	118	230349	118	230517	593
142340	179	230147	292	230350	118	230518	19
142344	429	230148	349	230351	118	230529#	248
142345	661	230158	150	230352	118	230538	608
142348	329	230159	118	230353	647	230539	602
142349	536	230175	37	230354	648	230540	608
142350	532	230182	165	230356	63	230541	608
142351	661	230186	551	230362	589	230542	566
190510	220	230188	607	230367	235	230544	565
191530	292	230189	607	230368	238	230545#	608
191531	292, 541	230193	19	230369	238	230546	118
192404	439	230194	34	230371	19	230549	540
192405	678	230197	118	230373	221	230555	608
192752	220	230198	573	230376	235	230557	356
200663	706	230199	501	230377	235	230558	344
200676	706	230201	337	230378	235, 603	230559	587
200693	706	230204	501	230379	235	230561	254
230004	261	230206	26	230381	236	230565	679
230010	589	230207	27	230385	509	230566	679
230012	604	230209	27	230386	87, 256	230567	495
230013	604	230210	27	230387	142	230568	495
230017	606	230214	627	230388	561	230574	254
230018	483	230221	265	230390	593	230576	254
230019	205	230222	632	230391	591	230578	254
230020	625	230231	28	230394	587	230582	255
230021	205	230232	29	230396	591	230583	255
230022	205	230233	29	230397	226	230585#	221
230023	206	230246	370	230399	225, 620	230594	608
230024	206	230247#	353	230400	225	230595	608
230025	420, 459	230250	624	230402	226, 621	230599	627
230029	606	230253#	647	230409#	565	230604	561
230032	627	230254	280	230414	607	230615	211
230053	271	230258	63	230417	607	230616	37
230054	353	230264	407	230418	605	230632	221
230057	246	230265	420	230419	607	230633	221
230058	279	230266#	407	230420	464	230634	210

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
230635	63	230845	221	231107	509	231286	370
230636	339	230846	206	231117	674	231287	358
230639	119	230847	64	231120	544	231291	494
230647	497	230848	64	231122	541	231297	371
230648	495	230853	376	231135	221	231298	360
230649	493	230854	374	231138	315	231302#	340
230665#	340	230855	373	231139	325	231311	247
230678	566	230856	271	231140	321	231314	493
230679	566	230857	280	231141	328	231328	563
230682	591	230872	494	231142	317	231330	460
230697	346, 619	230895#	248	231143	325	231331	675
230701	211	230896	326	231144	332	231341	515
230702	212	230897	317	231145	316	231343	209
230707	679	230898	265	231146	326	231345	541
230708	212	230899#	249	231147	326	231347	326
230714	370	230904	80	231148	658	231354	627
230715	368	230909	249	231149	333	231357	38
230717	493	230910	704	231150	326	231364	496
230721	293	230911	584	231152#	317	231366#	496
230726	212	230911Z	584	231154	326	231367	496
230730	212	230912	150	231159	442	231369	161
230733	627	230914	509	231162	621	231371	524
230739	315	230950	642	231163	632	231374#	293
230740	316	230961	119	231167#	339	231377	327
230741	328	230963	648	231169	46	231378	474
230743	325	230964	690	231172	177	231382	157
230744	261	230987	557	231176	222	231383	453
230757	421, 459	230993	30	231178	319	231384	94
230759	540	230999	543	231179	319	231386	452
230761	484	231000	398, 494, 627	231180#	321	231387	247
230762	485	231001	314, 543	231189	207	231388	544
230772	212	231004	619	231192	424, 658	231390	357
230773	37	231009	119	231193	496, 627	231391	368
230778	567	231012	376	231194	439, 679	231393	541
230780	565	231014	375	231195	436, 674	231394	541
230781#	565	231015	119	231196	400, 497, 628	231399	542
230788	501	231018	212	231201	142	231413	648
230789	119	231019	212	231202	150	231414	421, 460
230793	697	231020	212	231203	64	231415	515
230795	332, 605	231021	221	231204	648	231427	265
230796	608	231022	212	231210	317	231454	319, 501
230798	608	231023	46	231213	296	231456	325, 519
230802	449	231024	446	231217	64	231457	319, 501
230805	407, 449	231055	221	231223	64	231458	509
230807	407, 450	231056	221	231238	627	231459	522
230808	408, 450	231065	19	231244	566	231460	328
230809	64, 408, 450	231071#	46	231246	566	231461	316
230811	46	231072#	625	231251	573	231466	625
230821#	567	231073	648	231257	704	231467	231
230823	463	231074	674	231259#	213	231468	488
230827	255	231080	315	231264	494	231471	315, 489
230828	119	231082	46	231265	523	231476	626
230830	150	231083	150	231267	87	231478	421, 460
230833	150	231084	166	231268	640	231479	408, 450
230834	119	231085	36	231269	424, 658	231483	247
230834Z	119	231086	206	231272	25	231487	360
230835	119, 421	231087	46	231273	38	231489	338
230836#	46	231088	37	231274#	46	231493	25
230838	46	231089	50	231275	222	231495	675
230841	36	231093	648	231276	50	231502	494
230843	166	231105	567	231277	213	231503	494
230844	46	231106	339	231278	207	231504	493



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
231505	542	231735	550	231885	120	232050	566
231520	703	231742	566	231886	120	232052	578
231525	687	231745	566	231891	541	232053	585
231526	687	231748#	566	231892	527	232054	525
231527	687	231750#	47	231896	120	232063	704, 704
231529	247	231751	154	231897	120	232065	436, 474
231537	627	231752	47	231898	120	232066#	437, 474
231552	265	231756	119	231899	460	232173	177
231553	222	231764	266	231904#	144	232176	475
231558	92	231765	640	231910	345	232182	65
231559	475	231766	640	231912	569	232183	166
231560	704	231771	490	231913	569	232184	47
231565	92	231772	493	231914	320, 569	232185	65
231573	675	231776	520	231915	570	232186	65
231575	521	231779	519	231916	570	232187#	34
231580#	494	231780	506	231917	570	232188	65
231581	544	231781	527	231919	574	232189	222
231582	452	231782	523	231920	574	232191	65
231585	119	231788	496	231921	570	232195	92
231593	46	231789	584	231922	574	232200	345
231596	222	231789Z	584	231925	251, 570	232203	578
231600	247	231790	64	231926	574	232214	297
231601	247	231791	47	231927	570	232218	570
231609	462	231795	353	231928	574	232219	570
231610	632	231800	574	231929	570	232220	320
231623	380	231801	64	231930	320	232221	320, 571
231625	296	231802	92	231932	648	232225	510
231626	266	231803	278	231941	398, 444	232226	578
231627	213, 293	231804	353	231952	515	232228	228
231628#	293	231805	266	231960	323	232229	525
231630#	293	231806	408, 450	231961	323	232230	519
231642	29	231807	687	231962	323	232263	347
231645	206	231808	690	231965	584	232311	485
231646	222	231809	687	231966	585	232360	587
231647	222	231810	690	231967	323, 585	232362	120
231648	166	231811	557	231968	585	232390	519
231649	206	231813	497	231970	585	232391	519
231650	38	231815	92	231975	65	232402	563
231651	206	231819	550, 574	231976	501	232403	563
231652	30	231820	501	231977	502	232416	92
231653	64	231821	95	231978	502	232417	453
231654	213	231822	349	231981	502	232418	454
231656#	47	231825	92	231982	502	232420	65
231657#	47	231828	92	231983	502	232421	93
231667	648	231833	157	231985	19	232434	292, 603
231679	479	231839	411	231988	497	232452	345
231680#	477	231840	411	231990	450	232480	421
231681	478	231841	659	231996	345	232481	120
231683	542	231847	47	231997	251	232482	380
231684	544	231848	47	232000	251	232490	317, 494
231696	47	231849	627	232003	483	232491	317
231697#	679	231852	340	232004	483	232501	566
231708	213	231860	510	232005	484	232524	565
231709	177	231863	454	232009	484	232530	565
231711	81	231872	493	232010	640	232589#	608
231717	679	231877	479	232011	633	232590	609
231718	632	231878	480	232012	633	232591	357
231720#	628	231879	586	232024	92	232593	371
231728	47	231880	452	232031	577	232594	297
231731	297	231881	453	232033	577	232595	297
231732	246	231882	92	232034	578	232596	297
231733	266	231884	119	232041	633	232597#	544

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
232604	423	233007	610	233377	523	233595	521
232623	120	233009	610	233378	524	233599	236
232625	34	233010	333, 610	233382	273	233603	368
232627	34	233011	610	233387	585	233616#	674
232632	392, 120, 648	233012#	610	233396	579	233617	659
232669	704	233013	610	233398	271	233625	685
232670	328	233014	610	233406	328	233631	222
232671	591	233015	610	233407#	328	233637	360
232700	166	233016	588	233408	333, 611	233638	521
232737	703	233036#	333	233411	611	233641	271
232742	704	233045	436	233412	611	233642	272
232745	704	233046	604	233413	611	233656	679
232826	589	233048	604	233417	611	233663	29
232827	590	233049	604	233418	611	233667	241
232844#	563	233050	604	233419	611	233686	551
232848#	675	233051	604	233428	593	233687	551
232849	475	233053	604	233436	354	233688	551
232851	238	233057	604	233437	359	233689	262
232853	156	233060#	544	233438	356	233690	279
232855	675	233064	511	233450	648	233691	555, 605
232856	327	233066	262	233451	271	233692#	552, 590
232872	564	233069	261	233452	276	233694	555, 612
232873	564	233074	453	233453	256	233695	555, 612
232874	564	233075	93	233454	256	233697	625
232877	564	233076	640	233455	496	233698	20
232890	561	233077	261	233456	271	233703	255
232891	562	233078	261	233460	656	233708	633
232905	240, 557	233080	297	233462	463	233709	502
232908	246	233081	261	233475	19	233715	20
232910	579	233083	297	233477	30	233716	66
232911	579	233084	292	233480	65	233719	120
232912	463	233097	266	233481	640	233720	120
232916	609	233122	347	233496	648	233722	121
232917	609	233124	463	233497	154	233723	121
232918	609	233125	628	233499	93	233726	177
232920	609	233137	502	233527	160	233734	81
232924	609	233142	610	233532	585	233740	395
232926	587	233144	610	233533	421	233742	356
232929	609	233153#	605	233535	640	233743#	485
232933	609	233154	605	233541#	371, 544	233756	589
232937	602	233155	610	233545	209	233757	587
232941	602	233158	611	233546	278	233758	566
232942	321	233159	611	233547	247	233762	571
232945#	333	233162#	611	233550	266	233764	381
232968	591	233164	544, 679	233551	247	233765	376
232969	523	233166	511	233552#	249	233766	660
232970	493	233168	263	233553	297	233767	624
232977	238	233169	261	233565	166	233771	659
232978	222	233173	585	233570	159	233786	95
232982	261	233175	392,	233571	38	233788	478
232983	261	233178	525	233572	29	233795	633
232984	591	233180	280	233574	704	233796	66
232985	609	233215	47	233577	65	233801#	628
232986	580	233276#	703	233578	66	233802#	496
232988	609	233317	628	233579	66	233812	243
232989	588	233318	628	233580	150	233813	282
232990	587	233331	421, 460	233582	81	233815	450
232997	338	233337	490	233583	81	233818	679
232998	609	233338	703	233584	81	233819	679
232999	609	233374	266	233585	20	233827	475
233000	610	233375	266	233591	540	233828	121
233001	593	233376	358	233592	655	233829	121



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
233829Z	121	233994	655	234159	484	234373#	49
233830	323	233996	648	234160	484	234374	49
233830Z	324	234021	674	234161	484	234375	151
233831	121	234022	20	234162	484	234376	49
233834	121	234023	20	234163	575	234378	556
233835	121	234034	496	234166	20	234386	626
233836	121	234040	206	234168	123	234387	655
233836Z	121	234046	496	234172	628	234388	633
233837	121	234047	494	234185	249	234389	633
233838	121	234048#	325	234193	31	234390	628
233839	122	234050	213	234196#	32	234391	628
233840	122	234051#	48	234197#	32	234392	30
233841	122	234052#	159	234204	225	234393	49
233842	122	234054#	31	234209	225	234395	38
233845	525	234062	328	234211	225	234396	151
233846	525	234065	122	234213	619	234397	49
233852	81	234070	687	234217#	619	234402	272
233858	47	234071	687	234219	421	234403	123
233867	426, 528	234072	688	234221	38	234419	255
233868	284, 427, 529	234073	688	234225	496	234426	238
233869	574	234075	255	234227	157	234427	239
233873	574	234078	222	234230	272	234428	239
233876	400	234080	48	234231	649	234434	66
233877#	400	234082#	48	234231Z	649	234437	93
233886	337	234083	48	234237	48	234438	93
233887	359	234084	48	234239	151	234439	93
233889	502	234085	150	234240	151	234441#	450
233890	320	234086	649	234242	123	234445	479
233891	508	234087	122	234244	20	234449	96
233896	66	234088	649	234246	48	234450	96
233904	496	234089	633	234247	123	234452	96
233906#	496	234092	444	234247Z	123	234453	96
233907	150	234093	442	234248	48	234454	96
233914#	627	234099	339	234253	551	234456	349
233920	704	234100	490	234254#	618	234466#	225
233922	30	234101	493	234266	493	234471#	225
233925	93	234103	548	234267	381	234475	166
233927	510	234107#	614	234268	381	234476	571
233928	222	234114	502	234269	272	234479	340
233930	222	234117	177	234270	381	234482	507
233933	66	234118	166	234271	123	234484	507
233943	47	234119	659	234285#	453	234487#	223
233945	460	234124	122	234287	66	234504	327
233946	421, 460	234124Z	122	234291	502	234508#	31
233947	122	234128	259	234292	503	234509#	31
233948	122	234129	81	234293	123	234514	515
233951	251	234135	324	234301	612	234515	421
233952	252	234135Z	324	234302#	612	234516	552
233954	408	234138	48	234316	411, 454	234519	49
233955	408	234139	485	234317	411, 454	234531#	38
233956	409	234140#	48	234319	506	234534	123
233960	243	234141	122	234320	506	234535	123
233961	490	234142#	151	234321	510	234537	156
233967	354	234143	255	234323	151	234539	496
233968	453	234144#	249	234335	208	234544	615
233969	453	234145	293	234349	556	234545	503
233974	47	234152#	628	234352	262	234551	615
233979#	612	234153	633	234367#	48	234552	615
233984	47	234154	48	234368	151	234554	615
233985	675	234156	151	234369	48	234555	345
233991	373	234157	48	234370	48	234556	347
233993	389	234158	122	234371	38	234571	463

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
234575	703	234866	354	235014	411	235199	324
234579	634	234868	347	235024	167	235200	124
234636	340	234869	347	235025	151	235201	522
234637	339	234871	507	235032	247	235202	247
234642	371	234872	507	235033	249	235210	503
234655	454	234875	507	235036	49	235211	278
234657	206	234876	254	235040	589	235212	20
234661	255	234881	249	235049	282	235214	527
234662	615	234885#	223	235050	585	235237	223, 476
234664	326	234887	156	235060	67	235239	612
234665	307	234888	679	235066	511	235247	489
234677	523	234890	159	235067	252	235252	649
234678	466	234891	656	235072	167	235253	279
234680	327	234893	249	235073	157	235256	297
234681	256	234895	20	235074	158	235257	422
234704	496	234896	167	235076	345	235267	408
234705	249	234899	38	235077	634	235268	634
234706#	497	234900	49	235084	439	235274	259
234708	276	234901	124	235086	649	235275	81
234713	704	234902	124	235087	649	235281	167
234715	309	234903	67	235088	302, 649	235284	556
234719	280, 590	234904	356	235090	167	235285	520
234720	272	234906	519	235091	167	235286	520
234723	503	234911	272	235092	381	235287	247
234733	408, 450	234914#	349	235093	376	235290	124
234735	29	234915#	255	235094	383	235292	67
234768	591	234917	93	235095	556	235295	223
234773	324	234918	649	235096	249	235299	158
234774	525	234919	155	235097	246	235301	445
234778	634	234921	421, 460	235098	256	235302	445
234785	123	234922	460	235099	511	235304	445
234786	223	234925	155	235100	503	235305	49
234787	223	234926	578	235101	272	235308	463
234788	166	234931	497	235103	503	235313	358, 280
234789	49	234943	376	235105	154	235319	252
234790#	49	234944	634	235106	634	235320	252
234791	38	234946	124	235107	67	235324	20
234797	337	234947	167	235114	317	235327	654
234798	232	234952	476	235122	445	235329	497
234803	232	234956	326	235123	497	235332	249
234806	123	234957	327	235133	628	235335	628
234807	124	234960	255	235134#	31	235337	337
234808	519	234967	67	235136	156	235339#	497
234810	525	234969	634	235138	67	235340	521
234811	527	234970	272	235140	278	235345#	276
234813	272	234971	124	235141	143	235367	252
234819	649	234972	544	235146	585	235377	326
234825	704	234973	297	235147	206	235383	451
234835	704	234974	489	235150	638	235384	640
234841	81	234977	279	235151	638	235385	503
234845	93	234984	381, 272	235158	680	235390	527, 591, 659
234846	634	234985	377	235159	656	235399	151
234847	49	234987	679	235164	156	235401	167
234848	49	234989	317	235167	571	235403#	578
234851	490	234992	252	235173	155	235404#	579
234857	66	234996	649	235179	649	235406	167
234858	67	235002	544	235186	249	235416	634
234859	67	235003	544	235187	627	235417	144
234860	688	235004	354	235192	424	235420	291
234861	324	235005	93	235193	585	235423#	31
234862	124	235006	571	235194	143	235425	124
234863#	356	235008	437	235196	208	235426	516

STARTER COMPONENTS



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
235427	422, 460	235706	655	235898#	497	236859	635
235428	422, 460	235707	655	236015	503	236866	126
235429	124	235709	655	236079	590	236867	168
235440	124	235715	590	236080	525	236868*	68
235440Z	124	235724	168	236081	82	236876	324
235442	688	235725	315	236082	479	236883	126
235443	690	235726	325	236094	544, 680	236891	126
235444	575	235730	463	236110	590	236895	680
235445	125	235734	589	236130	125	236896	650
235456	340	235735	590	236146	50	236907	333
235459	167	235736	604	236184	476	236958	244
235461	223	235737	587	236215	656	236961	320
235469	395, 442	235738	587	236238	650	236975	635
235473	556	235739#	587	236239	635	236980	635
235485	357	235740	564	236240	640	236985	650
235488	478	235741	168	236258	635	237012	278
235495	503	235742	168	236269	635	237015	240
235496	320	235745	168	236270	650	237078	442
235497	272	235750#	339	236271	624	237085	624
235498	655	235751	548	236315	571	237086	654
235500	592	235755	50	236358	624	237090	508
235501	354	235758	575	236359	650	237101	540
235510	354	235761	223	236360	654	237102	507
235524	474	235769	298	236364	625	237105	525
235529	167	235771	451	236372	93	237115	658
235531	168	235787	614	236375	125	237291	650
235534	38	235788	704	236441	527	237343#	521
235535	67	235789	626	236445	545	237366	168
235538	95	235790	624	236453	540	237378	244
235572	29	235791	316	236456	223	237379	272
235579	151	235797	381	236477	650	237392	252
235585	38	235798	125	236508	126	237404	484
235586	49	235799	125	236509#	50	237444	635
235592	326	235804	125	236516	68	237498	504
235593	688	235806	68	236539	703	237507	315
235594	688	235807	82	236596	556	237509	325
235595	688	235810	125	236607	556, 650	237510	325
235596	688	235814	347, 551	236609	650	237517	507
235603	39	235816	320	236611	624	237531	252
235604	39	235817	683	236615	661	237533	277
235609	571	235818	177	236626	635	237550	291
235621	381	235820	489	236627	640	237552	280
235622	51	235826	641	236644	209	237555	297
235624	324	235827	244	236645	68	237603	210
235627	225	235828	381	236646	93	237612	317
235632	337	235832	168	236711	680	237666	195, 700
235638	262	235833#	520	236712	680	237667	126
235646	691	235834#	497	236752	516	237668	152
235647	691	235839	125	236778	545	237670	168
235658	340	235840	650	236779	516	237672	68
235662	442	235847	503	236780	504	237685	658
235663	460	235849	125	236782	545	237686	635
235664	34	235850	381	236796	624	237748	25
235672	160	235859	256	236797	650	237750	223
235678	586	235860	125	236801	635	237752	126
235687	588	235861	125	236802	640	237753	82
235688	612	235866	152	236805	628	237766	209
235689	612	235869	634	236813#	152	237769	144
235692	486	235870	624	236832	126	237770	223
235699	575	235871	68	236837	68	237776	650
235701	125	235881	82	236854	126	237806	252
235704	152	235883	168	236858	316	237825	489

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
237832	493, 563	239075	409, 451	330348	507	331628	651
237834	525	239078	244	330351	508	331640	636
237835	576	239080	422, 461	330363	504	331675	676
237841	511	239092	25	330366	525	331683	127
237842	521	239094	87	330368	519	331697	636
237844	603	239101	25	330369	489	331698	510
237845	507, 575	239102	82	330380	572	331730	516
237851	528, 592	239111	209	330381	578	331751	504
237856	489	239112	207	330382	586	331786	504
237858	516	239116	168	330415	504	331821	169
237859	528	239300	479	330417	516	331866*	127
237861	504	239321	571	330427	636	331868	504
237879	244	239359	651	330430	253	331889	490
237880	273	239398	680	330439	282	331891	505
237885	282	239475	284	330452	651	331918	253
237891	252	239517	489	330491	69	331929	253
237892	259	239582	592	330493	21	331936	539
237893	262	239633	126	330495	169	331941	505
237899	520	239720	655	330515	224	331942	516
237953	517	239731	660	330531	169	331957	259
237957	461	239760	21	330533	651	331958	266
237977	252	239776	69	330536	94	331960	283
237978	259	239780	152	330545	681	331981	289, 700
237979	262	239781*	168	330549	636	331985	70
237990	273	239797	320	330568	651	331995	169
237992	253	239804	333	330581	504	332069	70
238106	68	239823	504	330583	321	332070	169
238108	21	239824	510	330642	253	332071	169
238126	529	239829	489	330651	273	332095	517
238169	510	239831	497	330657	572	332103	636
238193	635	239841	69	330661	561	332118	636
238289	244	239901	69	330686	224	332130	286
238300	236	239907	345	330689	636	332138#	354
238373	571	239909	354	330698	69	332139	508
238471	253	239966	635	330706#	704	332145	461
238529	345	239967	126	330720	546	332153	70
238549	485	251409#	700	330723	525	332155	169
238580	176	251413#	702	330725	489	332161	253
238614	587	330005	69	330787	70	332166	516
238620	571	330007	126	330795	82	332193	516, 651
238624	561	330030	69	330800	651	332207	651
238626	585	330031	31	330847	256	332236	152
238659	371	330035	489	330887	654	332238	505
238667	408	330084	21	330929	316	332325	289, 700
238767	624	330104	651	330938	273	332328	505
238780	142	330125	127	331004	94	332333	490
238788	195	330150	345	331009	127	332359	283
238793	461	330153	371	331010	127	332362	286
238841	408, 451	330154	354	331011	656	332363	244
238843	244, 442	330156	337	331014	143	332369	273
238845	50	330176	504	331015	143	332464	345
238847	82	330181	528	331017	70	332467	660
238849	87	330182	532	331018	345	332468	662
238850	317	330215	316	331019	70	332477	253
238851	325	330224	69	331021	145	332517*	636
238881	517	330226	127	331022	355	332529	636
238919	325	330254	82	331023	12	332530	651
238923	68	330256	87	331504	127	332536	636
238930	556	330257	97	331523	504	332550	505
238957	223	330259	69	331526	489	332551	510
238958	224	330264	69	331527	492	332555	321
238986	556	330265	127	331586	87	332562	651



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
332565	511	333145	71	333207	131	333322	134
332566	511	333146	71	333208	131	333341	134
332591	316	333147	71, 451	333209	131	333343	88
332609	96	333148	71	333210	132	333344	134
332612	545	333149	71	333211	132	333350	152
332614	651	333150	71	333212	132	333355	134
332635	536, 700	333151	83, 451	333214	132	333356	171
332661	262	333152	83, 691, 575, 691	333215	132	333358	152
332662	297	333153	72, 689, 572	333216	132	333360	21
332665	283	333154	378, 83	333217	132	333362	144
332667	586	333155	378, 83	333218	132	333391	84
332681	636	333156	83, 691, 575	333219	132	333392*	85
332682	640	333157	72	333220	132	333393	85
332775	536	333158	83	333221	133	333394	85
332820	195, 701	333159	84	333222	133	333395	73
332847	286	333160	376, 72, 689	333223	133	333396	134
332864	331, 701	333161	84	333224	133	333403	152
332877	680, 700	333162	84	333226	133	333405	152
332884	70	333163	72	333227	382, 133	333407	160
332894	70	333164	84	333228	133	333408	159
332915	127	333165	84	333229	133	333410	25
332949	127	333166	72	333230	133	333411	21
333001	346, 688	333167	84	333232	134	333412	21
333002	575	333168	72	333233	134	333414	171
333003	253, 688	333169	84	333234	134	333415	172
333004	688	333170	84	333235	134	333417	31
333005	690	333171	128	333236	134	333418	29
333006	688	333172	128	333237	134	333419	31
333007	690	333173	381, 128	333239	72	333420	31
333008	690	333174	128	333240	72	333421	29
333009	688	333175	381, 128	333241	72	333422	283, 592
333010	689	333176	128	333242	73	333423	152
333011	690	333177	128	333243	73	333424	21
333012	689	333178	128	333281	87, 257	333425	172
333013	690	333179	129	333282	87	333439	134
333015	690	333180	129	333285	169	333444	586
333016	690	333181	129	333286	169	333464	152
333017	82, 690	333182	129	333287	170	333478	85
333018	690	333183	129	333288	170	333479	652
333019	615	333184	129	333289	170	333480	224
333020	689	333185	129	333290	170	333481	224
333023	266	333186	129	333291	170	333483	73
333036	656	333187	129	333292	170	333484	85, 691
333037	656	333188	129	333293	170	333485	85
333058	562	333189	129	333294	170	333486	85
333059	338	333190	130	333295	170	333489	135
333061	337	333191	130	333296	171	333490	207
333093	169	333192	130	333297	171	333493	73
333094	127	333193	130	333299	171	333494	73
333098	21	333194	130	333300	171	333495	73
333123	169	333195	130	333301	171	333496	25
333124	169	333196	130	333303	171	333497	172
333125	461	333197	130	333304	171	333499	172
333126	128	333198	130	333305	171	333500	135
333127	516	333199	130	333306	171	333501	135
333137	70	333200	131	333307	171	333502	135
333138	83	333201	131	333310	73	333504	135
333140	83	333202	131	333313	508	333505	135
333141	71	333203	131, 652	333314	87	333506	135
333142	71	333204	131	333316	73	333508	135
333143	378, 83	333205	131	333317	660	333509	135
333144	71	333206	131	333321	73	333510	135

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
333511	136	333605	138	333787	505	333912	383
333514	136	333606	138	333788	505	333913	140
333515	136	333617	86	333789	508	333915	140
333516	382, 136	333624*	88	333790	505	333917	76
333519	136	333631	30	333791	505	333918	140
333520	136	333633	224	333792	153	333922	76
333521	136	333636	528	333793	138	333923	174
333523	136	333642	173	333794*	87	333925	140
333524	136	333643	173	333795	75	333926	140
333529	85	333652	173	333830	88	333929	653
333530	85	333654	660	333832	138	333930	140
333531	85, 691	333655	173	333833	138	333931	354
333532#	681	333657	173	333834	139	333932	140
333533	31	333658	173	333835	139	333933	140
333534	22	333659	173	333836	273	333934	653
333536	172	333664	378, 86	333838	154	333935	510
333537	327, 159	333665	75	333839	75	333937	140
333538	172	333667	660	333840	576	333938	586
333539	172	333668	382	333841	576	333939	586
333540	137	333669	378	333842	75	333940	140
333541	86	333674	382	333843	346	333941	141
333544	137	333677	516	333844	572	333942	76
333545	73	333678	138	333845	575	333943	141
333546	74	333679	382	333846	508	333947	517
333547	74	333680	382	333847	576	333954	141
333548	137	333681	382	333848	505	333963	76
333550	153	333682	382	333849	572	333964	637
333551	137	333683	382, 138	333853	139	333967	174
333552	172	333690	174	333854	139	333968*	174
333553	137	333716	516	333855	308, 461	333969*	174
333555	74	333717	224	333856	422	333970	174
333559	172	333720	652	333857	652	333971	174
333564	137	333721	652	333858	392, 139, 652	333972	517
333565	74	333722	636	333859	354	333973	355
333566	172	333723	652	333860	517	333974	355
333567	172	333732	383, 161	333861	139	333977	86
333568	74	333733	207	333862	139	333983	174
333571	137	333740	138	333863	652	333989	383
333572	74	333742*	376	333864	652	333991	461
333574	172	333744	75	333865	461	333994	76
333576	173	333745	586	333866	139	333995	76
333577	137	333750*	39	333867	324	333996	76
333578	88	333752	207	333868	461	333997	76
333579	137	333753*	273	333869	652	333998	76
333580	224	333756	382	333870	652	333999	77
333581	138	333759*	654	333871	517	334026	676
333583	224	333765	86	333872	139	334034	253
333584	173	333770	22	333873	519	334071*	22
333586	74	333771	25	333879	652	334084	662
333587	74	333772	490	333881	422, 461	334127	556
333588	22	333774	22	333886	139	334128	637
333590	74	333775	22	333888	139	334197	680
333591	75	333776	624	333895	140	334199	22
333592	75	333777	373	333896*	140	334304	637
333593	138	333778	338	333900	354	335000	77
333594	153	333779*	681	333901	485	335007	283
333595	173	333780	75	333902	382	335009	660
333596	75	333781	572	333905	382	335040	141
333597	31	333782	572	333908	383	335041	141
333599	138	333783*	346	333909	383	335045	551
333600	86	333785	505	333910	383	335047	377
333601	75	333786*	505	333911	383	335049	253



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
335051	346	B133575	97	B140119	671	B140615	672
335053	86	B134035	155	B140140	388, 197	B140625	435
335054	77	B134066	681	B140151	197	B140627	314
335056	77	B134141	97	B140173	234	B140629#	537
335057	77	B134516	155	B140200	473	B140645	198
335061	77	B134571#	26	B140201	473	B140656	435
335069	86	B134578#	26	B140202	473	B140657	435
335077	22	B134581#	26	B140203	197	B140658	435
335078	22	B134583#	396	B140204	197	B140659	435
335079	22	B134597#	625	B140208	197	B140660	366
335080	23	B134875	681	B140212	435	B140661	435
335081	23	B137340#	491	B140221	198	B140662	435
335083	23	B138977#	244	B140248	198	B140663	435
335090	77	B138978#	491	B140249	198	B140664#	435
335092	77	B139572	681	B140250	198	B140665	435
335093	77	B139876#	396	B140251	198	B140669	366, 672
335097	77	B140003	195	B140252	198	B140670	672
335098	86	B140004	195	B140257	306	B140671	672
335124	658	B140006	387, 195	B140258	671	B140672#	672
335125*	78	B140008	195	B140259	671	B140673#	673
335154	409	B140009	195	B140261	198	B140676	673
335176	174	B140010	387, 195, 313	B140262	600	B140679	673
335177	23	B140011	195	B140264	306, 558	B140680	673
335192	637	B140011U	195	B140268	473	B140683	673
335205*	174	B140012	196	B140269	314, 473	B140684	673
335206*	174	B140014	196, 313	B140270	473	B140688	436
335207*	174	B140016	196	B140310	388, 366	B140689	436
335208*	175	B140017	196	B140311	366	B140690	314, 473
335211*	175	B140018	196	B140313	366	B140694#	537
335212*	175	B140019	387, 196	B140314	366	B140729	537
335213*	175	B140020	196, 313	B140316	366	B140734	673
335219	507	B140025	196	B140317	366	B140735	673
335222	175	B140026	387, 196	B140319	198, 536	B140756	481
335227	86	B140027	196	B140320	536	B140757	481
335228	87	B140028	196	B140321	536	B140758	481
610203	682	B140029	196	B140322	537	B140774#	290
610204	682	B140030	197	B140323	537	B140775	367
610205	682	B140031	197	B140326	290, 537	B140779	537
610210	682	B140033	197, 289	B140328	537	B140782	199
610524	682	B140035	197	B140333	672	B140846	537
803004	707	B140036	600	B140374	390	B140853	199
803005	707	B140038	305, 671	B140397#	481	B140854	199
803007	707	B140040	387, 306	B140402	229	B140856	199
803012	707	B140042	306	B140403#	229	B140858	199
803018	708	B140043	197, 306, 313, 671	B140423	198	B140859	199
803029	708	B140046	472	B140428	537	B140866	199
803038	708	B140047	472	B140429	537	B140867	199
ASX144	233	B140048	472	B140435	388	B140869	367
ASX16-178	233	B140049	472	B140436	388, 314	B140870	367
ASX184	234	B140050	387, 306, 472	B140440	672	B140908	538
ASX194	234	B140053	434, 558, 600	B140496	672	B140927	367
ASX74	234	B140056	434	B140497	672	B140929	199
B131595	95	B140057	434	B140498	672	B140947	473
B132037	641	B140058	434	B140499	672	B140959	673
B132147	301	B140062	435	B140500	198	B140970	538
B132246	454	B140064	306, 314, 600, 671	B140501	672	B140975	330
B132275	95	B140065	314, 473, 671	B140554	290	B140977	388
B132276	95	B140066	671	B140555	537	B140987	331
B132322	579	B140067	671	B140563	198	B140991	331
B133570	96	B140068	306, 671	B140583	290	B140993	367
B133571	96	B140111	197	B140584	366	B140994	367
B133573	96	B140111U	197	B140614	473	B140995	367

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
B142056	532	BSX1774	183	JSX31-32	467	PS146#	666
B234458#	625	BSX178-1794	183	JSX33-344	467	PS147#	666
B235538	681	BSX180-1814	183	JSX35-364	467	PS155B	666
BS100	186	BSX182-1834	183	JSX35-374	467	PS169B	666
BS102	186	BSX190-1914	183	JSX38-39-403	467	PS170B	666
BS104/0	186	BSX192-1934	183	JSX38-412	467	PS99	666
BS134/0	186	BSX194-1954	183	JSX40-46-474	467	PSX106-1072	662
BS135/0	186	BSX1964	183	JSX43-45-444	467	PSX1124	662
BS139	186	BSX1974	183	JSX51-52-593	468	PSX115-1162	662
BS140/0	186	BSX202-2034	183	JSX51-52-634	468	PSX119-1202	662
BS144/0	186	BSX204-2054	183	JSX51-522	468	PSX122-123-124	662
BS145/0	186	BSX206-2074	184	JSX52	386, 309, 312, 468	PSX1254	662
BS148	186	BSX208-2094	184	JSX53-54	468	PSX1292/1P	662
BS149	186	BSX210-2114	184	JSX61-62-634	468	PSX1304	662
BS151	187	BSX212-2134	184	JSX72-734	286	PSX1324	662
BS151S#	187	BSX214-2154	184	JSX74-75-76-774	286	PSX1332	662
BS157	187	BSX216-2174	184	JSX94	468	PSX133K2	663
BS158	187	BSX218-2194	184	LAS40	431	PSX136-1374	663
BS159	187	BSX344	385, 184	LAS41	431	PSX138-1392	663
BS160	187	BSX354	385, 184	LAS73#	431	PSX140-1414	663
BS170	179	BSX434	184	LASX15-164	429	PSX142-1434	663
BS171	180	BSX444	184, 312	LASX15-274	430	PSX142-1444	663
BS175	187	BSX494	184	LASX17-62/1	430	PSX144-145K	663
BS176	187	BSX524	185	LASX2-34	430	PSX146-147K	663
BS70/0	185	BSX704	185	LASX22	430	PSX148-157K	663
BS75/0	185	BSX744	185	LASX314	430, 468	PSX148-158K	663
BS96	186	BSX754	185	LASX364	430, 468	PSX148-159K	663
BSX1004	384, 180	BSX764	185	LASX37-38-39	430	PSX152-1538	664
BSX1014	180	BSX784	185	LASX40-412P	430	PSX1554	664
BSX1024	384, 180	BSX934	185	LASX424	430	PSX1564	664
BSX1034	180	BSX964	385, 185, 308	LASX43-442	430	PSX1584	664
BSX1042	180	BSX97F4	185	LASX44-452P	430	PSX160-1644	664
BSX1044	180	BSX98F4	185	LASX5-62/1P	430	PSX1614	664
BSX116F4	180	BUTSX44	228	LASX73-412/1P	431	PSX166-1674	664
BSX121F4	180	CHX101P	241	MAS17	470	PSX168-1674	664
BSX124	180, 312	EX85-862/1	558	MASX13-144	468	PSX169-1704	664
BSX124F4	180	FESX25-262	312	MASX15-164	468	PSX54-692	664
BSX128F4	180	FX412/1P	329	MASX17-184	468	PSX64-702	664
BSX1304	385, 181	FX76-774	329	MASX19-204	469	PSX77-784	664
BSX1314	385, 181	GAS119	532	MASX21-224	469	PSX81-824	665
BSX134-1444	385, 181	GAS120	532	MASX23-244	469	PSX83-844	665
BSX135-1454	385, 181	IKSX124	385	MASX25-264	469	R909/0	596
BSX137-1434	181	IKSX2-32	385	MASX27-284	469	R922	596
BSX138-1424	181	JS13	469	MOSX5-68	681	R924	597
BSX1394	181	JS13/0	469	PLS3	480	RX1074	595
BSX1404	181	JS16	469	PLS3/0	480	RX1084	595
BSX1464	181	JS16/0	469	PLSX24	480	RX1214	595
BSX1474	181	JS21	469	PLSX34	480	RX1224	595
BSX1484	181	JS22	469	PLSX44	480	RX122H4	595
BSX1494	181	JS25	469	PLSX54	480	RX1246	595
BSX151S4	385, 182	JS33	470	PS115	665	RX124H6	595
BSX1534	182	JS34	470	PS116	665	RX1344	595
BSX1554	182	JS5	470	PS129A	665	RX134H4	596
BSX157-1584	385, 182	JS5/0	470	PS129B	665	RX1354	596
BSX159-1604	182	JSX134	385, 309, 312, 466	PS133A	665	RX135H4	596
BSX163-1644	182	JSX162	386, 312, 466	PS133B	665	RX604	596
BSX1654	182	JSX184	466	PS140/0	665	RX664	596
BSX1664	182	JSX194	466	PS141/S	665	RX698	596
BSX170-1714	182	JSX204	467	PS142	666	RX708	596
BSX172-173-1744	182	JSX21-22	467	PS143	666	RX874	596
BSX172-1734	182	JSX23-24-28	467	PS144	666	RX9212	596
BSX175-1764	183	JSX29-302	467	PS145	666	RX954	596



Index

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
SW126	682						
US50#	304						
US51#	304						
US60	303						
US73/0	304						
US91/0	304						
US92/0	304						
US94/0#	304						
USX50-512	303						
USX50-514	303						
USX64-652	303, 665						
USX682	303, 665						
USX73-852	303, 613						
USX76-77-78	303						
USX91-922	303						
USX93-942/1	304						



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POLAND

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