



STARTER & DYNASTARTERS COMPONENTS



2015/2016



HC-CARGO Always Online

The products you require are only a few clicks away!

www.hc-cargo.com



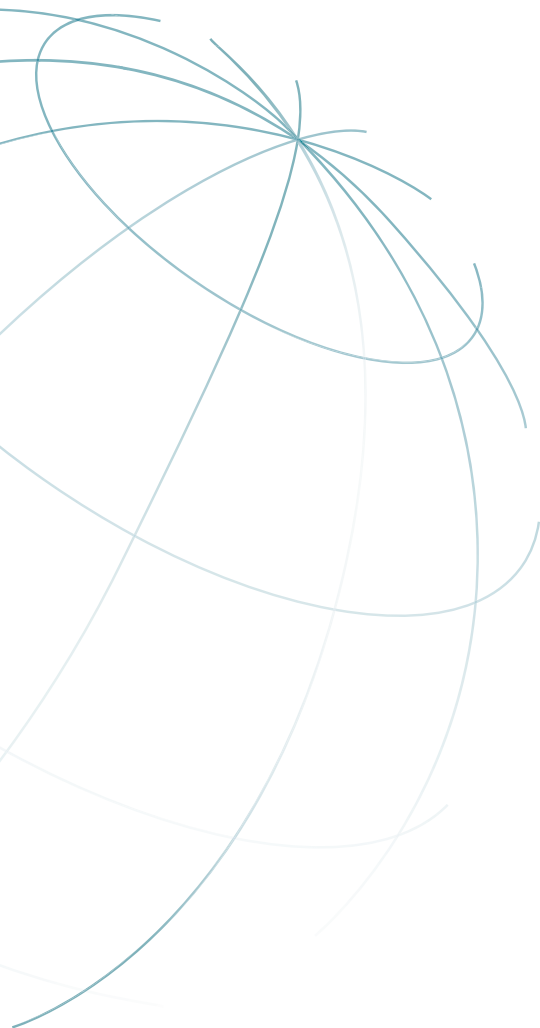


STARTER & DYNASTARTER COMPONENTS



Edition 2015/2016





High Quality Spare Parts for Starters/Dynastarters - All you need

This catalogue contains spare parts for starter and dynastarters, covering all commonly used parts, such as armatures, drives, solenoids, brush sets, bushings and many more components.

We carry a wide range for repairing starters of all types. Whether for passenger cars, commercial vehicles, agricultural machinery, marine or off-highway applications you will find the right product at HC-CARGO.

This makes the HC-CARGO program one of the most extensive ranges available and therefore your one-stop-supplier.

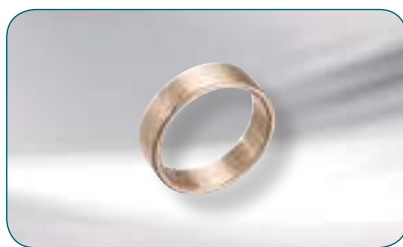
You can always see an up-to-date and complete program by using our web-catalogue at www.hc-cargo.com.

The catalogue also includes a complete cross reference list.



“Becoming an HC-CARGO supplier is not easy. They have to fulfil a long list of preconditions and need to be DIN EN ISO 9001 certified. Last but not least they have to convince me. Together with the quality department I visit our suppliers and test them intensively before they deliver the first products.”

Martin, Purchasing Manager



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.



The "5*" icon will help you in making your product choice. If the icon appears, the part is in OE quality, the best possible quality on the market. If no icon appears, the part is in the aftermarket quality you know from HC-CARGO - tested at our own testfacilities before launch.

HC-CARGO 5* program contains what in the automotive aftermarket is known as original spare part. The suppliers of these parts are OE manufacturers.

Our Product Range - Your Customer Satisfaction

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.

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

For full program overview
and online-shop visit
www.hc-cargo.com

REPLACEMENT FOR	PAGE
BOSCH STARTER PARTS	
Armatures	12
Bearings	202
Brush Gears	165
Brush Sets	179
Brushes	187
Bushings	189
C.E. Brackets	39
Clutches	164
D.E. Brackets	42
Drives	102
Field Cases	30
Field Coils	32
Field Houses	32
I.M. Brackets	59
Levers	162
Planet Gears	157
Repair Kits	204
Solenoids	60716
Sundry Parts	216
Yokes	26
Yokes w/magnets	30
BRIGGS & STRATTON STARTER PARTS	
Armatures	229
Brush Gears	230
Brush Sets	230
Bushings	230
Clutches	230
D.E. Brackets	229
Drives	229
Field Cases	229
Repair Kits	230
BUTEC STARTER PARTS	
Armatures	231
Brush Sets	232
Bushings	233
Drives	232
Field Coils	231
Solenoids	231721
Sundry Parts	233
CAV STARTER PARTS	
Armatures	234

REPLACEMENT FOR	PAGE
CAV STARTER PARTS	
Bearings	240
Brush Gears	238
Brush Sets	238
Bushings	239
Clutches	238
Drives	235
Field Coils	234
Repair Kits	240
Solenoids	234
Sundry Parts	241
CHRYSLER STARTER PARTS	
Armatures	246
Brush Gears	247
Brush Sets	247
Bushings	247
Drives	246
Field Coils	
Field Houses	246
Planet Gears	247
Solenoids	246
Sundry Parts	247
DC MOTOR COMPONENT STARTER PARTS	
Solenoids	
DELCO REMY → REMY (DELCO)	
DENSO STARTER PARTS	
Armatures	250
Bearings	298
Brush Gears	291
Brush Sets	292
Bushings	295
C.E. Brackets	253
Clutches	288
D.E. Brackets	254
Drives	275
Field Cases	251
Field Coils	252
Levers	287
Planet Gears	286
Repair Kits	299
Solenoids	257716

REPLACEMENT FOR	PAGE
DENSO STARTER PARTS	
Sundry Parts	302
Yokes w/magnets	250
DUCELLIER STARTER PARTS	
Armatures	307
Brush Gears	313
Brush Sets	313
Brushes	314
Bushings	315
D.E. Brackets	308
Drives	311
Field Coils	308
Levers	313
Solenoids	309
Sundry Parts	317
ELMOT STARTER PARTS	
Armatures	318
Brush Sets	319
Bushings	319
Drives	318
Field Coils	318
Levers	319
Solenoids	318716
Sundry Parts	319
FEMSA STARTER PARTS	
Armatures	320
Brush Sets	322
Bushings	322
Drives	321
Field Coils	320
Levers	322
Solenoids	320716
Sundry Parts	324
FORD EU → FORD	
FORD US → FORD	
FORD STARTER PARTS	
Armatures	325
Bearings	343
Brush Gears	339
Brush Sets	340

REPLACEMENT FOR	PAGE
FORD STARTER PARTS	
Brushes	341
Bushings	341
C.E. Brackets	326
D.E. Brackets	327
Drives	332
Field Cases	326
Field Coils	326
I.M. Brackets	328
Levers	338
Planet Gears	336
Repair Kits	343
Solenoids	328
Sundry Parts	343
Yokes	326
Yokes w/magnets	326
HALLA STARTER PARTS	
Bushings	346
HESELMAN STARTER PARTS	
Solenoids	347
HITACHI STARTER PARTS	
Armatures	348
Bearings	385
Brush Gears	376
Brush Sets	377
Bushings	380
C.E. Brackets	353
Clutches	375
D.E. Brackets	354
Drives	365
Field Cases	352
Field Coils	353
Field Houses	
I.M. Brackets	355
Levers	375
Planet Gears	373
Repair Kits	385
Solenoids	355
Sundry Parts	386
Yokes	351
Yokes w/magnets	351

STARTER PARTS

REPLACEMENT FOR	PAGE
HYDRAULFUNKTION STARTER PARTS	
Solenoids	390
ISKRA STARTER PARTS	
Armatures	391
Bearings	405
Brush Sets	400
Bushings	402
Clutches	400
Drives	396
Field Coils	392
Levers	400
Solenoids	393
Sundry Parts	405
Yokes w/magnets	392
LADA STARTER PARTS	
Armatures	406
Brush Gears	407
Bushings	407
D.E. Brackets	406
Drives	407
Field Coils	406
Solenoids	406
Sundry Parts	407
LEECE-NEVILLE STARTER PARTS	
Bushings	409
Drives	408
Solenoids	408
Sundry Parts	409
LETRIKA ↪ ISKRA	
LUCAS STARTER PARTS	
Armatures	410
Bearings	454
Brush Gears	443
Brush Sets	446
Brushes	449
Bushings	449
C.E. Brackets	415
Clutches	443
D.E. Brackets	416
Drives	429

REPLACEMENT FOR	PAGE
LUCAS STARTER PARTS	
Field Cases	413
Field Coils	413
I.M. Brackets	417
Levers	441
Planet Gears	441
Repair Kits	455
Solenoids	418
Sundry Parts	456
MAGNETI MARELLI STARTER PARTS	
Armatures	461
Bearings	495
Brush Gears	485
Brush Sets	487
Brushes	490
Bushings	491
C.E. Brackets	464
Clutches	485
D.E. Brackets	465
Drives	475
Field Cases	462
Field Coils	462
I.M. Brackets	466
Levers	484
Planet Gears	483
Repair Kits	495
Solenoids	466
Sundry Parts	495
MAGNETON (PAL/SKODA) STARTER PARTS	
Armatures	498
Bearings	503
Brush Gears	501
Brush Sets	501
Brushes	502
Bushings	502
Clutches	501
D.E. Brackets	498
Drives	500
Field Cases	498
I.M. Brackets	498
Levers	501
Solenoids	498716
Sundry Parts	503

REPLACEMENT FOR	PAGE
MAGNETON (PAL/SKODA) STARTER PARTS	
Yokes w/magnets	498
MANDO MALROE → VALEO	
MITSUBA STARTER PARTS	
Armatures	504
Bearings	507
Brush Gears	506
Brush Sets	506
Bushings	506
Clutches	506
D.E. Brackets	504
Drives	506
I.M. Brackets	504
Solenoids	505
Sundry Parts	507
MITSUBISHI STARTER PARTS	
Armatures	508
Bearings	557
Brush Gears	546
Brush Sets	548
Brushes	552
Bushings	552
C.E. Brackets	515
Clutches	544
D.E. Brackets	516
Drives	532
Field Cases	513
Field Coils	514
I.M. Brackets	519
Levers	542
Planet Gears	541
Solenoids	519717
Sundry Parts	561
Yokes w/magnets	512
MOTOROLA STARTER PARTS	
D.E. Brackets	565
NIKKO STARTER PARTS	
Armatures	566
Brush Gears	572
Brush Sets	573

REPLACEMENT FOR	PAGE
NIKKO STARTER PARTS	
Bushings	574
Drives	571
Field Cases	567
Field Coils	567
Levers	572
Solenoids	570
Sundry Parts	575
NIPPONDENSO → DENSO	
POONG SUNG STARTER PARTS	
Brush Sets	576
D.E. Brackets	576
Drives	576
Solenoids	576
Sundry Parts	576
PRESTOLITE STARTER PARTS	
Brush Gears	578
Brush Sets	578
Bushings	578
Drives	577
Solenoids	577
REMY (DELCO) STARTER PARTS	
Armatures	580
Bearings	626
Brush Gears	615
Brush Sets	619
Brushes	622
Bushings	622
C.E. Brackets	586
Clutches	615
D.E. Brackets	587
Drives	604
Field Cases	583
Field Coils	585
I.M. Brackets	589
Levers	612
Planet Gears	611
Repair Kits	627
Solenoids	599
Sundry Parts	631
Yokes w/magnets	583

STARTER PARTS

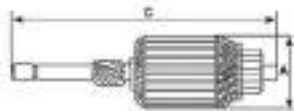
REPLACEMENT FOR	PAGE
ROMANIA (E/P) STARTER PARTS	
Armatures	641
Brush Sets	641
Bushings	641
Drives	641
Solenoids	641717
SAWAFUJI STARTER PARTS	
Armatures	642
Brush Gears	644
Brush Sets	645
Bushings	645
Drives	644
Field Cases	642
Solenoids	643721
SJCE STARTER PARTS	
Armatures	
Brush Sets	646
TECUMSEH STARTER PARTS	
Brush Sets	647
Bushings	647
Drives	647
UNITED TECHNOLOGIES STARTER PARTS	
Armatures	648
Brush Sets	650
Bushings	650
C.E. Brackets	648
Drives	649
Solenoids	648
Sundry Parts	650
VALEO KOR. → VALEO	
VALEO STARTER PARTS	
Armatures	651
Bearings	703
Brush Gears	690
Brush Sets	690
Brushes	694
Bushings	696
C.E. Brackets	657
Clutches	688

REPLACEMENT FOR	PAGE
VALEO STARTER PARTS	
D.E. Brackets	657
Drives	672
Field Cases	655
Field Coils	655
I.M. Brackets	659
Levers	686
Planet Gears	685
Repair Kits	704
Solenoids	659717
Sundry Parts	705
Yokes w/magnets	654
WAPSA STARTER PARTS	
Drives	711
DC MOTOR PARTS	
Armatures	713
Brush Gear Parts	713
Brush Sets	713
Bushings	714
Solenoids	713
DYNASTARTER PARTS	
Brush Sets	715
Regulators	715
MISCELLANEOUS	
Brush Sets	712
Bushings	712
Drives	712
Solenoids	712
UNIVERSAL PARTS	
Brush Sets	723
Pull Coil Timers	728
Solenoid Shutdown	726
Solenoids	721
Sundry Parts	728
SURVEY	712
ASSORTMENTS	731
CROSS REFERENCE LIST	737
INDEX	803

ABBREVIATIONS:

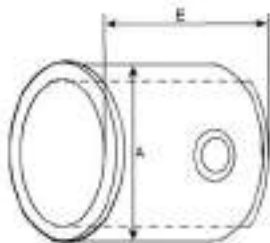
ACR=Anti-clockwise rotation, AC=Air condition, A=Ampere, AT=Automatic transmission, BS=Battery sense, Cat=Catalyzer, CR=Clockwise rotation, Cyl.=Cylinder, D=Insulated, DD=Direct drive, DF=DF plug, Dia.=Diameter, Dim.=Dimension, Dist.=Distance, EF=External fan, Eng.=Engine, Eur.=European application, 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:



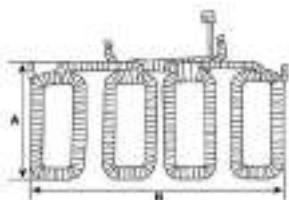
A = Core thickness
C = Shaft length

For yokes specific:



A = OD/middle
E = Length

For field coils specific:

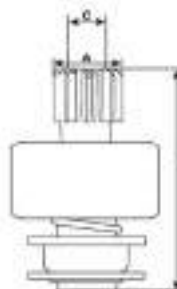


A = Height
B = Width

For drives specific:

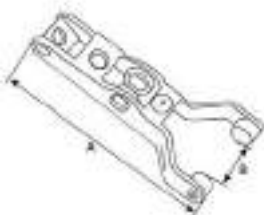


A = OD
B = Total length



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.
O.E.M. names and numbers are used for reference purposes only.
Printed in Germany. Copyright © 2015 Holger Christiansen A/S, A Bosch Group Company

ISO 9001
BUREAU VERITAS
Certification



Armatures
9 Volt

131933 Armature

Servicing: 0001362001
 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
 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
 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
 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
 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
 2.4 kW, Shaft length 290.20,
 Core thickness 75.00, No./ splines 10,
 Rotation CR
 12 V: HC-CARGO 130115.


133088 Armature

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


133515 Armature

Servicing: 0001359001, 0001359008,
 0001359021, 0001359071
 3 kW, Shaft length 333.00, Rotation CR,
 Core thickness 75.00, No./ splines 10
 12 V: HC-CARGO 130319.



134285 Armature

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



134887 Armature

Servicing: 0001110001, 0001110004, 0001110007, 0001110009, 0001110011, 0001110012, 0001110013, 0001110014, 0001110018, 0001110019
 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
 2.3 kW, Shaft length 285.00, Rotation CR, Core thickness 75.00, No./ splines 10
 12 V: HC-CARGO 136105.



234594# Armature

Servicing: 0001110003, 0001110005, 0001110024, 0001110025, 0001110026
 1.7 kW, Shaft length 163.00, Core thickness 60.00, No./ teeth 18
 12 V: HC-CARGO 132815.



331023 Armature

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

12 Volt



130059 Armature

Replacing: 1004003900, 1004003127, 1004003125
 Servicing: 0001311001, 0001311007, 0001311013, 0001311014, 0001311016, 0001311019, 0001311020, 0001311021, 0001311023, 0001311024
 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
 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
 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
 0.8 kW, Shaft length 222.00, Core thickness 60.00, No./ splines 10, Rotation CR



130071 Armature

Replacing: 1104012949, 1104012042
 Servicing: 0101201022, 0101209031, 0101209032, 0101209033, 0101209036, 0101209037, 0101209039, 0101209041, 0101209046, 0101209060
 Shaft length 206.00, Core thickness 56.00
 11 A.


130108 Armature

Replacing: 2004004031, 2004002036, 2004002031

Servicing: 0001208049, 0001208051, 0001208052, 0001208053, 0001208054, 0001208055, 0001208249, 0001208252, 0001208254, 0001208255

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

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

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

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

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

2.4 kW, Shaft length 288.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 133087.


130116 Armature

Replacing: 2004004075

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

2 kW, Shaft length 285.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 131934.


130117 Armature

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

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

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

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

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

3 kW, Shaft length 333.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 133515.



130360 Armature

Replacing: 9003334020, 9001334020
Servicing: 9000330922, 9000330948

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

0.8 kW, Shaft length 227.00,
Core thickness 60.00, No./ splines 10,
Rotation CR



131050# Armature

Replacing: 1004003914, 1004003140

Servicing: 0001314012, 0001314013

1.5 kW, Shaft length 257.00,
Core thickness 65.00, No./ splines 10,
Rotation ACR
9 V: HC-CARGO 133357.



131051 Armature

Replacing: 9001337082, 9001140182, 2004011032, 1004011003

Servicing: 0001157012, 0001157013, 0001157014, 0001157015, 0001157018, 0001157020, 0001157021, 0001157022, 0001157023, 9000141100

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

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

3 kW, Shaft length 337.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 134285.



131130 Armature

Replacing: 2004004083

Servicing: 0001358048, 0001358049, 0001358050, 0001358051, B001804003

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

 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

 1.5 kW, Shaft length 263.00,
 Core thickness 65.00, No./ splines 10,
 Rotation CR

131665 Armature

Replacing: 2004004069

Servicing: 0001358200, 0001358201, 0001358202

 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

 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

 2.2 kW, Shaft length 158.00,
 Core thickness 50.00, No./ teeth 18,
 Rotation CR
 9 V: HC-CARGO 133953.

132143 Armature

Replacing: 1004012912, 1004012903, 1004012426, 1004012420

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

 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

 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

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

132153 Armature

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

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

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



132155 Armature

Replacing: 1004002131, 1004002129, 1004002124, 1004002119

Servicing: 0001208001, 0001208003, 0001208004, 0001208007, 0001208009, 0001208011, 0001208018, 0001208019, 0001208020, 0001208023

0.8/0.85 kW, Shaft length 252.50, Core thickness 60.00, No./ splines 10, Rotation CR



132156 Armature

Replacing: 1004003913, 1004003171, 1004003139, 1004003132

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

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



132158 Armature

Replacing: 2004014952, 2004004952, 2004004092

Servicing: 0001362034, 0001362035, 0001362036, 0001362039, 0001362041, 0001362042, 0001362045, 0001362046, 0001362048, 0001362049

2/2.4/2.7 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

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

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



132814 Armature

Replacing: 1004011901, 1004011066, 1004011047, 1004011044, 1004011036, 1004011031, 1004011025, 1004011022

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

1.7/1.8 kW, Shaft length 161.00, Core thickness 60.00, No./ teeth 15, Rotation CR/ACR
9 V: HC-CARGO 134887.



132815 Armature

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

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

1.7 kW, Shaft length 163.00, Core thickness 59.00, No./ teeth 18, Rotation CR/ACR
9 V: HC-CARGO 234594.



132816 Armature

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

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

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



132988 Armature

Replacing: 1004011136, 1004011120, 1004011111, 1004011101

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

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


132989 Armature

Replacing: f000a11505, 1004011121, 1004011112, 1004011105

Servicing: 0001112003, 0001112004, 0001112038, 0001112039, 0001113011, 0001113012, 9000695006, 9000695009, B001180008

0.8/0.9 kW, Shaft length 212.00, Core thickness 60.00, No./ splines 10, Rotation ACR


133107 Armature

Replacing: 2004002032

Servicing: 0001211997, 0001211998, 9000042021, 9000042027, 9000082009

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


133108# Armature

Replacing: 2004011021

Servicing: 0001157001, 0001157002, 0001157003, 0001157004, 0001157005, 0001157007

0.5/0.6 kW, Shaft length 222.90, Core thickness 51.90, No./ splines 8, Rotation CR


133160 Armature

Replacing: 1004012901, 1004012410

Servicing: 0001212206, 0001212207, 0001212210, B001229004, B001229013

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

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


133486 Armature

Replacing: 2005005026, 2004005155, 2004005026

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

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

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

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

0.8 kW, Shaft length 221.50, Core thickness 60.00, No./ splines 10, Rotation ACR



134628 Armature

Replacing: 1004003124
 Servicing: 0001312102, 0001312104, 0001312105, 0001312106, 0001312107, 0001312111
 1.5 kW, Shaft length 257.50, Rotation CR, Core thickness 65.00, No./ splines 10



134799 Armature

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



135098 Armature

Replacing: 1004011125, 1004011104
 Servicing: 0001114003, 0001114004, 0001114008, 0001114014, 0001114015, 0001114016, 0001114017, 0001114020, 0001114021, 0001114022
 1 kW, Shaft length 227.00, Rotation CR, Core thickness 59.00, No./ splines 10



135113 Armature

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



135114 Armature

Replacing: 1004011127, 1004011107
 Servicing: 0001114009, 0001114010, 9000695002, 9000695003, B001181014
 1 kW, Shaft length 249.00, Rotation ACR, Core thickness 59.00, No./ splines 10



135351 Armature

Replacing: 2004014965, 2004004965, 2004004056, 2004004040, 2004004037
 Servicing: 0001369001, 0001369002, 0001369003, 0001369005, 0001369006, 0001369007, 0001369011, 0001369012, 0001369013, 0001369015
 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
 1.9 kW, Shaft length 253.00, Rotation ACR, Core thickness 65.00, No./ splines 10



135842[#] Armature

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



136020[#] Armature

Replacing: 1004011122, 1004011113, 1004011108
 Servicing: 0001112010, 0001112011, B001111217, B001180021
 0.9 kW, Shaft length 239.00, Core thickness 59.00, No./ splines 10, Rotation ACR



136105 Armature

Replacing: 2004014951, 2004004090
 Servicing: 0001362038, 0001362600, 0001362601, 0001362605, B001812171, B001812265, B001812301, B001812357
 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
 1.6 kW, Shaft length 148.00, Core thickness 59.00, No./ teeth 18


136245# Armature

Replacing: 9001042296

Servicing: 9000042057

 0.9 kW, Shaft length 226.00, Rotation ACR,
Core thickness 60.00, No./ splines 10

136783# Armature

Replacing: 1004011124, 1004011118, 1004011018

 Servicing: 0001112029, 0001112033,
0001112037, 0001113009, 0001113015,
B001180063, B001180076

 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

 2.2 kW, Shaft length 152.00, No./ teeth 15,
Core thickness 50.00, No./ splines 15

136986 Armature

Replacing: 2004014955, 2004004078

 Servicing: 0001362085, 0001362094,
0001362099, 0001366005, 0001366006,
0001366010, 0001366013, 0001366014,
0001366028, 0001366029

 1.9/2.4 kW, Shaft length 290.50,
Core thickness 75.00, No./ splines 10,
Rotation ACR

136988 Armature

Replacing: f000a1521, 1004011123

 Servicing: 0001112014, 0001112027,
0001112028, 0001112044, 0001112045,
0001113013, 0001113014, B001180052

 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

 1.1 kW, Shaft length 123.00,
Core thickness 55.00, No./ teeth 9

137070 Armature

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

 Servicing: 0001108115, 0001108145,
0001108153, 0001108157, 0001108167,
0001108169, 0001108190, 0001108196,
0001108208, 0001108209

 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

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

137264# Armature

Replacing: 1004011128

Servicing: 0001112017, B001180054

 0.9 kW, Shaft length 205.50, Rotation CR,
Core thickness 59.00, No./ splines 10

137284 Armature

Replacing: 1004011087, 1004011074

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

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

137479 Armature

 Replacing: 9003334037, 9003334030,
9003334027

Servicing: 9000331201, 9000331203

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



137482 Armature

Replacing: f000al1321, 1004011143, 1004011138, 1004011133

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

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

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

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

1.1 kW, Shaft length 253.00, Core thickness 65.00, No./ splines 10, Rotation ACR



138674 Armature

Replacing: 1004011054, 1004011040

Servicing: 0001110063, 0001110068, B001117150, B001117155

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

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



139404 Armature

Replacing: 1004011218, 1004011205, 1004011202, 1004011080

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

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



139658 Armature

Replacing: 1004011096, 1004011083

Servicing: 0001107010, 0001107048, 0001107072, 0001107096, 0001107107, 0001121006, 0001121007, 0001121008, 0001121009, 0001121010

1.1 kW, Shaft length 123.00, Core thickness 55.00, No./ teeth 14, Rotation CR/ACR



139703 Armature

Replacing: 1004011082

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

2 kW, Shaft length 143.00, Core thickness 59.00, No./ splines 0, No./ teeth 16, Rotation CR


139704 Armature

Replacing: 1004011090

Servicing: 0001109021, 0001109022, 0001109066, 0001109067, 0001109069, 0001109070, 0001109202, 0001109203, 0001109265, 0001109266

 2 kW, Shaft length 149.00,
Core thickness 59.00, No./ teeth 9,
Rotation CR

230193 Armature

Replacing: 1004003902, 1004003135

Servicing: 0001311050, 0001311051, 0001311052, 0001311053, 0001311054, 0001311055, B001324002, B001324003, B001324004, B001324007

 1/1.35 kW, Shaft length 263.00,
Core thickness 65.00, No./ splines 10

230371 Armature

Replacing: 1004311315, 1004211221, 1004011208

Servicing: 00010DB98E, 0001109015, 0001109023, 0001109045, 0001109052, 0001109055, 0001109062, 0001109068, 0001109201, 0001109202

 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

 1.7/1.8 kW, Shaft length 160.00,
Core thickness 59.00, No./ teeth 13,
Rotation CR

15 tooth: HC-CARGO 132814.


231065 Armature

Replacing: 1004011089

Servicing: 0001106011, 0001106012, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023, 0001106024

 0.9 kW, Shaft length 115.50,
Core thickness 55.00, No./ teeth 9,
Rotation CR/ACR

231985 Armature

Replacing: 2004014962, 2004004008

Servicing: 0001367061, B001816377

 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

 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

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

233698 Armature

Replacing: 6033ad1104, 6033ad1061, 6033ad0446

Servicing: 0001223013, 0001223014

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



233715 Armature

Replacing: 1004011304, 1004011084
 Servicing: 0001115005, 0001115006, 0001115009, 0001115011, 0001115013, 0001115035, 0001115045, 0001115046, 0001115068, 0001115069
 1.7 kW, Shaft length 145.50, Core thickness 55.00, No./ teeth 11



234022 Armature

Replacing: 1004011092, 1004011073
 Servicing: 0001115001, 0001115002, 0001115007, 0001115008, 0001115012, 0001115015, 0001115016, 0001115017, 0001115020, 0001115021
 1.7 kW, Shaft length 146.00, Rotation CR, Core thickness 55.00, No./ teeth 9



234023 Armature

Replacing: 1004011137
 Servicing: 0001116001
 0.7 kW, Shaft length 179.00, Rotation CR, Core thickness 59.00, No./ splines 10



234166 Armature

Replacing: 1007010119, 1004011211
 Servicing: 0001110132, F000AL0108
 1.8 kW, Shaft length 160.00, Core thickness 59.00, No./ teeth 11, Rotation CR



234244 Armature

Replacing: 6033AD1107, 6033ad0206
 Servicing: 0001223005, 0001223006
 2.3 kW, Shaft length 140.00, Rotation CR, Core thickness 58.00, No./ teeth 11



234610[#] Armature

Replacing: 2004002021
 Servicing: 0001212005, 0001212006, 0001212007, 0001212008, 0001212012, 0001212013
 0.8 kW, Shaft length 249.00, Rotation ACR, Core thickness 60.00, No./ splines 10



234895 Armature

Replacing: 1004011142, 1004011139
 Servicing: 0001116003, 0001116006, 0001116008, 0001116009
 0.7 kW, Shaft length 189.00, Rotation CR, Core thickness 59.00, No./ splines 10



235212 Armature

Replacing: 1004011216
 Servicing: 0001115042, 0001115056, 0001115057, 0001115082, 0001115083, 0001123004, 0001123005, 0001123012, 0001123013, 0001123014
 1.4/1.7 kW, Shaft length 145.50, Core thickness 55.00, No./ splines 14, No./ teeth 14, Rotation ACR



235324 Armature

Replacing: 1004011212
 Servicing: 0001107401, 0001107404, 0001107405, 0001107408, 0001107411, 0001107415, 0001107423, 0001107424, 0001107425, 0001107426
 1.1 kW, Shaft length 114.00, Core thickness 52.00, No./ teeth 9, Rotation CR
 Used w/ gear: HC-CARGO 235025.



237748 Armature

Replacing: 6033AD5148
 Servicing: 0001241003, 0001241004, 0001241005, 0001241006, 0001241007, 0001241014, 0001241015
 5.5 kW, Shaft length 174.20, Core thickness 59.95, No./ teeth 13, Rotation CR



238108 Armature

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


239760 Armature

Replacing: 1004011201, 1004011098, 1004011059

Servicing: 0001110001, 0001110002, 0001110004, 0001110007, 0001110008, 0001110009, 0001110010, 0001110011, 0001110018, 0001110027

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

1.2 kW, Shaft length 114.00, Core thickness 52.00, No./ teeth 11, Rotation CR


330493 Armature

Replacing: 1004011316, 1004011226

Servicing: 0001138001, 0001138002, 0001138003, 0001138004, 0001138011, 0001138012, 0001138013, 0001138014, 0001138015, 0001138016

1.7 kW, Shaft length 138.19, Core thickness 51.95, No./ teeth 14, Rotation CR


331020 Armature

Replacing: 2004004011

Shaft length 305.00, Core thickness 73.00


333098 Armature

Replacing: 1004011214

Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120409

0.9 kW, Shaft length 107.40, Core thickness 52.00, No./ teeth 11, Rotation ACR


333360 Armature

Replacing: 1004011215

Servicing: 0001108401, 0001108402, 0001108403, 0001108404, 0001108405, 0001108406, 0001108408, 0001108411, 0001108412, 0001108415

1.4 kW, Shaft length 128.70, Core thickness 51.90, No./ splines 9, No./ teeth 9, Rotation CR


333409 Armature

Replacing: 1004211221, 1004011221

Servicing: 0001109023, 0001109045, 0001109068, 0001109201, 0001109250, 0001109258, 0001109259, 0001109260, 0001109261, 0001109275

Shaft length 149.00, Core thickness 59.00, No./ teeth 11


333411 Armature

Manufacturer: Bosch

Replacing: 1004311315, 1004211221, 1004211208, 1004011315

Servicing: 0001109205, 0001109324, 0001109325, 0001109328, 0001109329, 0001109387, 0001109388, 0001109391, 0001109392

Shaft length 149.00, Core thickness 59.00, No./ teeth 11, Alternative no.: 230371


333534 Armature

Manufacturer: Bosch

Replacing: 1004011268

Servicing: 0001125609, 0001125610

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

1.1 kW, Shaft length 123.00, Core thickness 55.00, No./ teeth 11, Rotation CR/ACR, Alternative no.: 134514

18 Volt

137286 Armature

Servicing: 0001359120, 0001360002, 0001360004, 0001360005, 0001360007, 0001360008, 0001360015, 0001360016, 0001360017, 0001360018
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
4 kW, Shaft length 337.00, Core thickness 75.00, No./ splines 10, Rotation CR
24 V: HC-CARGO 131309.

24 Volt

130119 Armature

Replacing: 2004004111, 2004004062
Servicing: 0001360002, 0001360004, 0001360005, 0001360007, 0001360008, 0001360009, 0001360010, 0001360012, 0001360013, 0001360014
4 kW, Shaft length 333.00, Core thickness 75.00, No./ splines 10, Rotation CR
18 V: HC-CARGO 137286.


130120 Armature

Replacing: 2004005153, 2004005046, 2004005037, 2004005022, 2004005002
Servicing: 0001414001, 0001414002, 0001414003, 0001414004, 0001414005, 0001414006, 0001414007, 0001414008, 0001414009, 0001414010
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
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
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
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
4 kW, Shaft length 337.00, Core thickness 75.00, No./ splines 10, Rotation CR
18 V: HC-CARGO 137287.


131311 Armature

Replacing: 2004005024, 2004005023
Servicing: 0001417001, 0001417002, 0001417005, 0001417006, 0001417007, 0001417008, 0001417012, 0001417013, 0001417014, 0001417015
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
 2.6/3.2 kW, Shaft length 290.00,
 Core thickness 75.00, No./ splines 10,
 Rotation CR


131666 Armature

Replacing: 2004006101, 2004006091
 Servicing: 0001510001, 0001510002, 0001510003, 0001510004, 0001510005, 0001510006, 0001510008, 0001510009, 0001510010, 0001510011
 9 kW, Shaft length 315.00,
 Core thickness 100.00


132159# Armature

Replacing: 2004004116
 Servicing: 0001363101
 2.1 kW, Shaft length 287.00,
 Core thickness 75.00, No./ splines 10,
 Rotation CR


132904 Armature

Replacing: 2007010061, 2007010059, 2004005918, 2004005061, 2004005004, 2004005003
 Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010
 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
 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
 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
 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
 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
 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

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



239092 Armature

Replacing: 6033AD5025

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

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



333410 Armature

Replacing: 2004015007

Servicing: 0001261001, 0001261002

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



333496 Armature

Manufacturer: Bosch

Replacing: 9003334039, 6033AD4080, 6033ad4013, 6033ad0285

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

4 kW, Shaft length 169.00, Rotation CR, Core thickness 60.00, No./ teeth 16
Alternative no.: 139657

Armature Parts

Various

Pkg. 10



138769 Brake Washer

ID 12.80, OD 23.00, Thickness 1.00

Pkg. 10



138770 Brake Washer

Servicing: f000al0321

ID 12.50, OD 31.00, Thickness 2.00

Yokes

Yoke Parts

Magnets

Pkg. 4



134439 Magnet

Length 42.00, Height 6.95, Width 25.20
Non magnetized.



134896 Magnet (south)

Servicing: 0001121018, 0001121019, 0001121024, 0001121025

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



134897 Magnet (North)

Servicing: 0001121018, 0001121019, 0001121024, 0001121025

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.

Pkg. 4



135218 Magnet

Length 70.60, Height 6.85, Width 25.00
Non magnetized.



135219 Magnet (south)

Length 70.55, Height 8.00, Width 25.35, Pole type South



135220 Magnet (north)
Length 70.85, Height 7.00, Width 24.55,
Pole type North



135221 Magnet (north)
Length 60.25, Height 7.00, Width 26.75,
Pole type North



135222 Magnet (south)
Length 60.20, Height 8.00, Width 26.75,
Pole type South



135223 Magnet (south)
Length 59.60, Height 8.00, Width 25.40,
Pole type South



135224 Magnet (north)
Length 59.45, Height 6.70, Width 25.45,
Pole type North



230205[#] Magnet
Length 51.60, Height 7.20, Width 25.00
Non magnetized.



230206 Magnet (south)
Length 51.55, Height 7.00, Width 25.35,
Pole type South



230207 Magnet (north)
Length 51.65, Height 7.20, Width 25.60,
Pole type North



230208[#] Magnet
Length 51.40, Height 7.10, Width 27.10
Non magnetized.



230209 Magnet (south)
Length 51.55, Height 7.10, Width 27.10,
Pole type South

Pkg. 4

Pkg. 4



230210 Magnet (north)
Length 51.60, Height 6.70, Width 26.80,
Pole type North

Magnet Gripper

Pkg. 5



138361 Magnet Gripper
Total length 61.00, Width 9.55 mm

Pkg. 5



138362 Magnet Gripper
Servicing: 0001121018, 0001121019,
0001121024, 0001121025
Mount. hole 3.28/5.60,
ID 7.90, Thickness 5.80

Yokes w/magnets



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/

12 Volt


137168 Yoke

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/


137308 Yoke

Replacing: f00mal1149, f000al1027, 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

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

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

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/


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/


137897 Yoke

Replacing: 1005001948, 1005001943, 1005001843, 1005001826
 Servicing: 0001109015, 0001109018, 0001109026, 0001109028, 0001109034, 0001109040, 0001109052, 0001109055, 0001109057, 0001109058
 12 V, 1.8/2 kW, OD/ middle 78.25,
 Length 124.65, Brush gear w/o,
 Magnets w/


137898# Yoke

Replacing: 1005001979
 Servicing: 0001107059, 0001107082
 12 V, 1.1 kW, OD/ middle 74.00,
 Length 98.50, Brush gear w/o, Magnets w/


137919 Yoke

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/


138323 Yoke

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/


139546# Yoke

Replacing: 1005001926
 Servicing: 0001107011, 0001107039,
 9007045016, B001110092
 12 V, 1.1 kW, OD/ middle 74.00,
 Length 98.55, 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/


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/


230076 Yoke

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/


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 Yoke

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 Yoke

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 Yoke

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 Yoke

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 Yoke

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 Yoke

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/

24 Volt



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/



333533 Yoke

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/, Magnets w/o
 Alternative no.: 139697



333597 Yoke

Manufacturer: Bosch
 Replacing: 6033AD4177
 Servicing: 0001231016, 0001231033, 0001231146
 OD/ middle 95.30, Length 120.70, Brush gear w/, Magnets w/o
 Alternative no.: 333631

Field Cases



139697 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/o, Magnets w/o
 Alternative no.: 333533


230993 Field Case

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/, Magnets w/o


231652 Field Case

Replacing: 6033ad1248, 6033AD1110, 6033ad0311

Servicing: 0001223005, 0001223013, 0001223014

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


233477 Field Case

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/, Magnets w/o
Field case: HC-CARGO 234193.


233922 Field Case

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/, Magnets w/o

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


234392 Field Case

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/, Magnets w/o


333417 Field Case

Replacing: 2005005182

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

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

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


234194 Field House

Servicing: 0001371004, 0001371006

OD/ middle 110.00, Length 168.00



234507# Field House
 Servicing: 0001417005, 0001417006, 0001417042, 0001417064, 0001417073, 0001417074
 OD/ middle 128.00, Length 157.00, Brush gear w/o, Magnets w/o



234508# Field House
 Servicing: 0001364400
 OD/ middle 116.00, Length 157.00, Brush gear w/o, Magnets 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, Magnets 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



234053 Pole Shoe
 Length 40.00, Thread size M10, Height 17.55, Width 31.10

Pkg. 10



234196 Pole Shoe
 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



234198 Pole Shoe
 Length 84.00, Thread size M10, Height 15.70, Width 41.50

Pkg. 10



234505# Pole Shoe
 Servicing: 0001364400
 Length 100.30, Thread size M10, Height 15.80, Width 41.65

Field Coils

12 Volt



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


130125 Field Coil

Replacing: 2004112005, 2004112003, 1004112534, 1004112529

Servicing: 0001208019, 0001208020, 0001208027, 0001208028, 0001208030, 0001208031, 0001208040, 0001208041, 0001208051, 0001208052

12 V, 0.6 kW, Height 92.00, Width 205.00, Internal height 62.15, Inner width 25.50, Rotation ACR


130128 Field Coil

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

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, 1.9/2/2.2/2.4 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


131436 Field Coil

Replacing: 1004113901, 1004113101

Servicing: 0001317009, 0001317010, 0001317011, 0001317012, 0001317014, 0001317015, 0001317016, 0001317017, 0001317018, 0001317019

12 V, 1.7 kW, Height 107.30, Internal height 74.60, Inner width 26.00


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


131676 Field Coil

Replacing: 2004114187, 2004114182, 2004114181

Servicing: 0001357002, 0001357003, 0001362003, 0001362004, 0001362007, 0001362011, 0001362013, 0001362014, 0001362015, 0001362016

12 V, 2.4 kW, Height 112.15, Internal height 72.40, Inner width 32.60


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


132083 Field Coil

Replacing: 2004114219

Servicing: 0001358200, 0001358201, 0001358202

12 V, 2.5 kW, Height 119.90, Internal height 75.55, Inner width 33.25


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

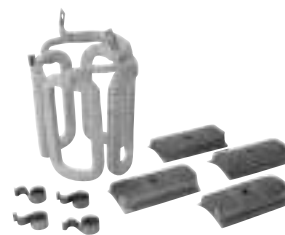
12 V, 1.5 kW, Height 102.65, Internal height 69.20, Inner width 28.10


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


132357# Field Coil

Replacing: 2007010041, 2004114212, 2004114167, 2004114164, 2004114162

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

12 V, 3 kW, Height 130.00, Width 260.00, Internal height 87.50, Inner width 33.00


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

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


133205# Field Coil

Replacing: 1004112902
Servicing: 0001208501, 0001208507, 0001208508, 0001208510, 0001208513, 0001208514, 0001208516, 0001208518, 0001208519, 0001208520
 12 V, 0.85/0.95 kW, Height 76.20, Width 197.15, Internal height 47.50, Inner width 26.45


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


133972# Field Coil

Replacing: 1004112549
Servicing: 0001208202, 0001208205, 0001208206, 0001208209, 0001208224, 0001208227, 0001208229, 0001208233, 0001212400, 0001212401
 12 V, 0.85 kW, Height 77.40, Internal height 46.75, Inner width 26.85


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


134090# Field Coil

Replacing: 1004112512, 1004112508
Servicing: 0001208001, 0001208004, 0001208007, 0001208009, 0001208011, 0001208018, 0001208019, 0001208023, 0001208024, 0001208026
 12 V, 0.8 kW, Height 100.00, Internal height 62.20, Inner width 22.50


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

138307 Field Coil

Replacing: 9003334171

Servicing: 0001218172, 0001218173

 12 V, 2.2 kW, Height 75.65,
Internal height 45.00, Inner width 19.00
Field coil: HC-CARGO 232627.

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

Replacing: 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 Volt

130126 Field Coil

Replacing: 2007010042, 2004114231,
 2004114224, 2004114166, 2004114165,
 2004114163
 Servicing: 0001360002, 0001360004,
 0001360005, 0001360007, 0001360008,
 0001360009, 0001360010, 0001360012,
 0001360013, 0001360014
 24 V, 4 kW, Height 123.00,
 Width 287.50, Internal height 83.60,
 Inner width 28.75, Rotation CR


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

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

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

Replacing: 2004125083, 2004125076
 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


131983# Field Coil

Replacing: 2004115007, 2004115006

Servicing: 0001402031, 0001402043, 0001402050, 0001402054, 0001402055, 0001402059, 0001402072, 0001402075, 0001402079, 0001402081

24 V, 4 kW, Height 109.70, Internal height 72.35, Inner width 29.30


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 Field Coil

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 C.E. Bracket

Replacing: 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
 Kl. 30 M10, Kl. 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
 Kl. 30 M10, Kl. 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 C.E. Bracket

Replacing: 2000580103
 Servicing: 0001410053, 0001410063, 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017



134540 C.E. Bracket

Replacing: 2000520057
 Servicing: 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364106, 0001364108, 0001364200, 0001364201



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
 Kl. 30 M12, Kl. 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



137312 Brush Gear

Replacing: 2005854088

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

Brush set: HC-CARGO BSX964. Brush spring: HC-CARGO 132224.



137985 C.E. Bracket

Replacing: 9001338878

Servicing: 0001218157, 9000331201, 9000331203

Double isolation w/o



138864# C.E. Bracket

Replacing: 2007010062

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



138924 C.E. Bracket

Replacing: 1005851097, 1005851069, 1005851008

Servicing: 0001109011, 0001109012, 0001109023, 0001109029, 0001109044, 0001109047, 0001110001, 0001110002, 0001110009, 0001110010

Double isolation w/o



139065 C.E. Bracket

Replacing: 1005853388, 1005853385, 1005853381

Servicing: 0001310006, 0001310007, 0001310008, 0001310009, 0001310010, 0001310011, 0001310016, 0001310018, 0001310019, 0001310023



139357 C.E. Bracket

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

Replacing: 1005851095, 1005851093, 1005851070, 1005851042, 1005851010

Servicing: 00010DB98E, 0001109001, 0001109002, 0001109003, 0001109006, 0001109007, 0001109008, 0001109009, 0001109014, 0001109015

ID 10.00



230078 C.E. Bracket

Replacing: f000a1528, 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



230243 C.E. Bracket

Replacing: 2005854163

Servicing: 0001368083, 0001369007, 0001369019, 0001369025, 0001369200, 0001369201, B001828071, B001828113


230610# C.E. Bracket

Replacing: 1005852371

 Servicing: 0001204102, 0001204103,
0001207001, 0001207003, 0001207005,
0001207009, 0001207010, 0001207014,
0001207015, 0001207016

230616 C.E. Bracket

Replacing: 2005854149

 Servicing: 0001362092, 0001362096,
0001362700, 0001363120, 0001363122,
0001368068, 0001368073, 0001368312,
9000143602, B001812388

230773 C.E. Bracket

 Replacing: 1005851151, 1005851073,
1005851014

 Servicing: 0001106016, 0001106020,
0001107003, 0001107004, 0001107005,
0001107006, 0001107007, 0001107008,
0001107020, 0001107021

230966# C.E. Bracket

Replacing: 1005851054, 1005821054

 Servicing: 0001108074, 0001108112,
0001108125, 0001108128, 0001108130,
B001111347, B001111390, B001111399,
B001111432

231088 C.E. Bracket

Replacing: 2005854183, 2005854173

 Servicing: 0001368316, 0001372001,
0001372006, OAA137200B, OAA137200F,
OAA137200G, B001960018

231273 C.E. Bracket

Replacing: 2005854212, 2005854181

Servicing: 0001371006, 0001371008


231357 C.E. Bracket

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

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


234243# C.E. Bracket

Replacing: 9002335892, 6033ad1270

 Servicing: 0001218016, 0001218110,
0001218710, 0001219013, B001233182

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



234746 C.E. Bracket

Replacing: 9001140348, 6033AD1277

Servicing: 0001218116, 0001218117, 0001218119, 0001218148, 0001218149, 0001218160, 0001218170, 0001219010

ID 86.38



234791 C.E. Bracket

Replacing: 6033AD0290, 6033ad0197

Servicing: 0001123004, 0001231004, 0001231014



234899 C.E. Bracket

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

Replacing: 6033ad0198

Servicing: 0001230003, 0001230004, 0001230005, 0001231009

ID 83.60



235603 C.E. Bracket

Replacing: 2005854118

Servicing: 0001368008, 0001368046, 0001368048, 0001368064

ID 105.75, Double isolation w/o



235604 C.E. Bracket

Replacing: 2005854145

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

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

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


134059# D.E. Bracket

Replacing: 1005823474, 1005823459

Servicing: 0001317013, 0001317022, 0001317025, B001329014, B001329045


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

Replacing: 2005823111

Servicing: 0001312100, 0001312110, B001322002, B001322022


134307# D.E. Bracket

Replacing: 1005822465

Servicing: 0001208422, B001208259


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

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



134533 D.E. Bracket

Replacing: 1005823463

Servicing: 0001312108, 0001312109, B001335003



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



134682# D.E. Bracket

Replacing: 2005834159

Servicing: 0001362005, 0001362006, 0001362044, 0001362045, 0001362081, B001812324


134814# D.E. Bracket

Replacing: 1005821628, 1005821243
 Servicing: 0001107028, 0001107029, 0001107041, 0001108020, 0001108037, 0001108039, 0001108057, 0001108083, 0001108110, 0001108132


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


135288# D.E. Bracket

Replacing: 2005834066
 Servicing: 0001367014, 0001367023, 0001367028, 0001367082, B001816051


135289# D.E. Bracket

Replacing: 2005834173
 Servicing: 0001367056, 0001368038, B001816129, B001816130


135806 D.E. Bracket

Replacing: 1005821070
 Servicing: 0001110003, 0001110026, 0001110089, 0001110095, 0001110114, B001117311


135812# D.E. Bracket

Replacing: 1005823399
 Servicing: 0001314027, 0001314035, B001315126


135892 D.E. Bracket

Replacing: 1005831144, 1005821480, 1005821291
 Servicing: 0001110022, 0001110023, 0001110045, 0001110046, 0001110066, 0001110067, 0001110106, 0001110107, 0001110108, 0001110122


135894# D.E. Bracket

Replacing: 9003338857, 9003338827, 9003335827
 Servicing: 0001218008, 0001218131, 0001218145, 9000331411, 9000331413, B001233068, B001233217


135897 D.E. Bracket

Replacing: 1005821088
 Servicing: 0001108018, 0001108064, B001111079, B001111218



135899# D.E. Bracket

Replacing: 1005821604
Servicing: 0001108125, B001111432



135909 D.E. Bracket

Replacing: 9002338865
Servicing: 0001218105, 0001218128, 0001218728, B001233160, B001233230



135910# D.E. Bracket

Replacing: 9002338804
Servicing: 9000331411



135912 D.E. Bracket

Replacing: 2005834035
Servicing: 0001368016, 0001368043, 0001368056, 0001368317, B001816150, B001816334, B001816548, B001816592



135913 D.E. Bracket

Replacing: 1005821275
Servicing: 0001110044, 0001110051, 0001110065, B001117096, B001117175



135914 D.E. Bracket

Replacing: 1005821153
Servicing: 0001108030, 0001108088, B001111060, B001111299



135915 D.E. Bracket

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



135964# D.E. Bracket

Replacing: 1005822424
Servicing: 0001208516, 0001208707, B001208316, B001232007



135984# D.E. Bracket

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



135999# D.E. Bracket

Replacing: 9002338862
Servicing: 0001218009, 0001218026, 0001218104, 0001218127, 0001218134, B001233159, B001233195, B001233229



136049 D.E. Bracket

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



136090 D.E. Bracket

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


136121# D.E. Bracket

Replacing: 1005821094

Servicing: 0001110005, B001117014, B001117202


136127 D.E. Bracket

Replacing: 2005834147

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


136133# D.E. Bracket

Replacing: 1005821202

Servicing: 0001112009, 0001114008, 0001114017, 0001114021, B001118020, B001180020, B001181013, B001181035, B001181047


136134 D.E. Bracket

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


136289# D.E. Bracket

Replacing: 1005822349

 Servicing: 0001211242, 0001211246, 9000082061, B001211151, B001211190
Center bushing: HC-CARGO 134772.

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


136380# D.E. Bracket

Replacing: 1005821162, 1005821076

Servicing: 0001108012, 0001108038, 0001108091, B001111019, B001111130


136383# D.E. Bracket

Replacing: 1005821549, 1005821091

Servicing: 0001108019, 0001108035, 0001108084, 0001108109, 0001108118, 0001108119, B001111064, B001111126, B001111355


136389# D.E. Bracket

Replacing: 2005824774, 2005824419

Servicing: 0001359008, 0001359095, 0001360013, 0001360050


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,
 B001180011, B001180034


136790 D.E. Bracket

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


136802 D.E. Bracket

Replacing: 1005821185
 Servicing: 0001108043, 0001108044,
 B001111088


136804 D.E. Bracket

Replacing: 1005821461
 Servicing: 0001110061, 0001110062,
 B001117140


136805# D.E. Bracket

Replacing: 2005834008
 Servicing: 0001362073, B001812269


136806# D.E. Bracket

Replacing: 2005834369
 Servicing: 0001367070, 0001367302,
 0001368070, 0001368087, 0001368304,
 0001368306, B001816503, B001816504,
 B001816513, B001816514


136810 D.E. Bracket

Replacing: 2007000003, 2005824888,
 2004000003
 Servicing: 0001363101


136994 D.E. Bracket

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


136995 D.E. Bracket

Replacing: 9003338855, 9003335855, 9003335824

Servicing: 0001218007, 0001218126, 0001218176, 0001218776, 0001219014, B001233039, B001233224


137110# D.E. Bracket

Replacing: 1005821445, 1005821099

Servicing: 0001110012, 0001110055, 0001110115, B001117012, B001117270


137114 D.E. Bracket

Replacing: 2005824704

Servicing: 0001364100, 0001365004, B001819001, B001819002


137115 D.E. Bracket

Replacing: 9002338886

Servicing: 0001218004, 0001218005, 0001218017, 0001218111, 0001218112, 0001218130, 0001218711, 0001218712, 0001218730, B001233033


137136 D.E. Bracket

Replacing: 2005834465

Servicing: 0001368083, B001816570


137155 D.E. Bracket

Replacing: 1005821731, 1005821133

Servicing: 0001110017, 0001110056, 0001110999, B001117203, F010AL0101


137156 D.E. Bracket

Replacing: 1005821188

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


137157 D.E. Bracket

Replacing: 1005821442

Servicing: 0001108092, B001111269


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

Replacing: 2005834053

Servicing: 0001363127, 0001367022, 0001368027, 0001368064, B001813256, B001816075, B001816076, B001816406


137282# D.E. Bracket

Replacing: 9001338852

Servicing: 0001218151, 0001218164, 0001218764, B001233190


137309# D.E. Bracket

Replacing: 1005821579

Servicing: 0001112025, F000AL0307



137327 D.E. Bracket

Replacing: 1005821711
Servicing: 0001108151



137381# D.E. Bracket

Replacing: 9001338869
Servicing: 0001218152, 0001219011, B001233216



137611# D.E. Bracket

Replacing: 9003338836
Servicing: 0001218817, 9000331428



137625# D.E. Bracket

Replacing: 1005821210
Servicing: 0001108048, 0001108126, 0001108136, 0001108159, 0001108225, 0001108241, 0001108242, B001111061



137628 D.E. Bracket

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



137629 D.E. Bracket

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



137630 D.E. Bracket

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



137631# D.E. Bracket

Replacing: 1005821962, 1005821817
Servicing: 0001112041, 0001116003, F000AL0325, F000AL0327



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

Replacing: 9001338857
Servicing: 9000331201, 9000331203



137763 D.E. Bracket

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


137899# D.E. Bracket

Replacing: 1005821157

 Servicing: 0001112021, 0001112022,
0001113001, 0001113002, 0001113007,
0001113008, B001180036

137900 D.E. Bracket

Replacing: 1005821196

 Servicing: 0001107058, 0001107061,
0001108042, 0001108050, 0001108063,
B001111090, B001111098, B001111220

137901# D.E. Bracket

Replacing: 1005821224

 Servicing: 0001110029, 0001110030,
B001117080

137906 D.E. Bracket

Replacing: 1005821585

 Servicing: 0001107016, 0001108121,
B001110078, B001111359

137907# D.E. Bracket

Replacing: 1005821637

Servicing: 0001112032


137908# D.E. Bracket

Replacing: 1005821651

 Servicing: 0001107027, 0001107028,
0001108139, 0001108140, B001110133,
B001111462, B001111463

137909 D.E. Bracket

Replacing: 1005821694

 Servicing: 0001110092, 0001110102,
0001110124

137911 D.E. Bracket

Replacing: 1005821790

Servicing: 0001108157, B001111498


137912 D.E. Bracket

 Replacing: 1005831193, 1005831163,
1005821793

 Servicing: 0001107096, 0001124007,
0001124008, 0001124011, 0001124012,
0001124022, 0001124023, 0001125003,
0001125004

Dust proof.

137913 D.E. Bracket

Replacing: 1005831301, 1005821799

 Servicing: 0001109015, 0001109052,
0001109055, 0001109062, 0001109068

137914# D.E. Bracket

Replacing: 1005821857

Servicing: 0001107059, 0001107082


137915 D.E. Bracket

 Replacing: 2005831167, 1005831167,
1005821903, 1005821746

 Servicing: 0001108031, 0001124001,
0001124002, 0001124015, 0001125007,
0001125008, 0001125012, 0001125013,
0001125042, 0001125043

Dust proof.



137916# D.E. Bracket

Replacing: 1005821935, 1005821820
 Servicing: 0001107054, 0001107055,
 0001107068, 0001107069, 0001107073,
 0001107074



137918 D.E. Bracket

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



138315# D.E. Bracket

Replacing: 2005834171
 Servicing: 0001367054, B001816187



138324 D.E. Bracket

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



138357 D.E. Bracket

Replacing: 1005821826
 Servicing: 0001110120



138450 D.E. Bracket

Replacing: 2005834120
 Servicing: 0001359119, 0001367049,
 0001368033, 0001368061, 0001368075,
 B001816153, B001816154, B001816370,
 B001816524



138863# D.E. Bracket

Replacing: 2005834716, 2005824894
 Servicing: 0001362039, 0001362105,
 0001362322, 0001363111, B001812189,
 B001812352



138944 D.E. Bracket

Replacing: 1005821269
 Servicing: 0001108070, 0001108105,
 0001108135, B001111227, B001111340,
 B001111415



139020# D.E. Bracket

Replacing: 1005821758
 Servicing: 0001107047



139062# D.E. Bracket

Replacing: 1005821297
 Servicing: 0001108068, 0001108069,
 0001108103, 0001108104, 0001108134,
 0001108160, 0001108995, 0001108996,
 0001108997, 0001108998



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


139508 D.E. Bracket

Replacing: 9001338042
 Servicing: 0001218172, 0001218772


139548 D.E. Bracket

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


139554 D.E. Bracket

Replacing: 9001338067
 Servicing: 0001218174, 0001218774


139555# D.E. Bracket

Replacing: 9005140239
 Servicing: 9000114101, 9000114115,
 9000141101, 9000141107, 9000141113,
 9000141115, 9000330939


139573 D.E. Bracket

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

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



230171# D.E. Bracket

Replacing: 1005821228
 Servicing: 0001110031, 0001110032, 0001110084, 0001110085, B001117071, B001117609



230196# D.E. Bracket

Replacing: 1005823437, 1005823433
 Servicing: 0001314047, 0001314048, 0001316013, B001315186, B001315187



230454# D.E. Bracket

Replacing: 1005821925
 Servicing: 0001107063, 0001108176



230608 D.E. Bracket

Replacing: 1005831234, 1005821115
 Servicing: 0001108021, 0001108147, B001111069



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

Replacing: 1005821839
 Servicing: 0001108167



230844 D.E. Bracket

Replacing: 2005834012, 2005824389
 Servicing: 0001359020, 0001367017, 0001368040, B001816125, B001816126



230850# D.E. Bracket

Replacing: 1005821539
 Servicing: 0001108074, 0001108112, B001111191, B001111347



230851# D.E. Bracket

Replacing: 1005821525
 Servicing: 0001107012, 0001107013, 0001107017, 0001107018, B001110043, B001110081



231023 D.E. Bracket

Replacing: 9001338029
 Servicing: 0001218168, 0001218768, 0001219012, 0001219112



231071# D.E. Bracket

Replacing: 2005834399
 Servicing: 0001362102, B001812430


231082 D.E. Bracket

Replacing: 9001338073

Servicing: 0001231003


231087 D.E. Bracket

Replacing: 2005834825

 Servicing: 0001372001, 0AA137200B,
0AA137200F, B001960018

231169 D.E. Bracket

Replacing: 1005821860

 Servicing: 0001109030, 0001109045,
0001109048, 0001109253, 0001109268,
0001109269, 0001109270, 0001109336,
0001109337

231274# D.E. Bracket

Replacing: 2005834512, 2005824509

 Servicing: 0001358047, 0001371008,
0001371009

231563 D.E. Bracket

 Replacing: 9003338853, 9003338061,
9001338853, 9001338061

 Servicing: 0001218100, 0001218125,
0001218145, 0001218158, 0001218175,
0001218177, 0001218725, 0001218758,
0001218775, 0001218777

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


231661# D.E. Bracket

Replacing: 1005821516

 Servicing: 0001110069, 0001110070,
0001110086, 0001110087, 0001110118,
0001110119, B001117068, B001117610

231696 D.E. Bracket

Replacing: 2005825071

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

231710 D.E. Bracket

Replacing: 2005824999, 2005824401

 Servicing: 0001359025, 0001360024,
0001362306, 0001362315, 0001367007,
0001368003, 0001368005, 0001368047,
0001368080, 0001369017

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

Replacing: 1005821632

Servicing: 0001107025, 0001107026, 0001107103, 0001107104, B001110114



231792# D.E. Bracket

Replacing: 1005821671

Servicing: 0001108143, B001111361



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



233576 D.E. Bracket

Replacing: 2005824912

Servicing: 0001362064, 0001362301, 0001368082, 0001369018, B001812295, B001816438



233586# D.E. Bracket

Replacing: 9001338016

Servicing: 0001218162, 0001218165



233856# D.E. Bracket

Replacing: 1005821576

Servicing: 0001108123, B001111412



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, 0123525503



233984 D.E. Bracket

Replacing: 1005821982

Servicing: 0001109035


234051# D.E. Bracket

Replacing: 1005821890

Servicing: 0001116001


234079# D.E. Bracket

Replacing: 1005821534

Servicing: 0001110072, B001117157, B001117161


234080 D.E. Bracket

Replacing: 1005831220

Servicing: 0001108196


234082# D.E. Bracket

Replacing: 1005821622

Servicing: 0001108130, B001111399


234083 D.E. Bracket

Replacing: 1005821898

Servicing: 0001121008, 0001121009, 0001121026, 0001121027


234084 D.E. Bracket

Replacing: 1005821960

Servicing: 0001109034


234138 D.E. Bracket

Replacing: 1005831108

Servicing: 0001121016, 0001121017, B001120046


234140# D.E. Bracket

Replacing: 1005831135

Servicing: 0001124020, 0001124021


234154 D.E. Bracket

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

Replacing: 1005821988

Servicing: 0001108217, 0001108218, 0001115008, f000a10101, F000AL0127


234241 D.E. Bracket

Replacing: 1005821906

Servicing: 0001107102, 0001108197, 0001108205, 0001108213, 0001108214, 0001115005, B001115020


234246 D.E. Bracket

Replacing: 6033AD1097, 6033ad0219

Servicing: 0001223005


234248 D.E. Bracket

Replacing: 2005834837

Servicing: 0001372006, OAA137200G



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

Replacing: 6033ad0280, 6033ad0076
 Servicing: 0001223003, 0001223007, 0001223024



234376 D.E. Bracket

Replacing: 6033ad0448, 6033ad0082
 Servicing: 0001230006, 0001230014, 0001231005



234393 D.E. Bracket

Replacing: 6033ad0307
 Servicing: 0001223013



234397 D.E. Bracket

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



234510# D.E. Bracket

Replacing: 2005825376
 Servicing: 0001417064, B001411392



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



234848 D.E. Bracket

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


234900 D.E. Bracket

Replacing: 6033ad0336

Servicing: 0001223014


235036 D.E. Bracket

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

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

236640 D.E. Bracket

Replacing: 1005831152

Servicing: 0001107093


238845 D.E. Bracket

Replacing: 6033AD4149, 6033AD4118

Servicing: 0001230027, 0001231033

I.M. Brackets

137386# I.M. Bracket

Replacing: 2005823099

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

137610 I.M. Bracket

Replacing: 9001338863

Servicing: 9000331201


137983 I.M. Bracket

Replacing: 9001338033

Servicing: 9000331201, 9000331203


139911 I.M. Bracket

 Replacing: 2005824881, 2005824649,
2005824465

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



139912# I.M. Bracket

Replacing: 2005834427
 Servicing: 0001364300, 0001364301, 0001364400, 0001364402, B001841010, B001841012



230457 I.M. Bracket

Replacing: 2005834281
 Servicing: 0001362321, 0001362331, 0001363128, 0001363130, 0001367036, 0001367038, 0001367046, 0001367051, 0001367054, 0001367057



230727# I.M. Bracket

Replacing: 1005823403
 Servicing: 0001314036, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011, 0001317012, 0001317013, 0001317014, 0001317015



231089 I.M. Bracket

Replacing: 2005834593
 Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, OAA137200B, OAA137200F



231276 I.M. Bracket

Replacing: 2005834596
 Servicing: 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371012, 0001371014, 0001371017, 0001371018



235622 I.M. Bracket

Replacing: 2005824522
 Servicing: 0001364100, 0001364101, 0001364102, 0001364104, 0001364105, 0001364106, 0001364200, 0001364201, 0001364202, 0001364203

Solenoids

12 Volt



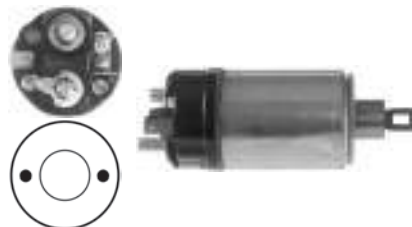
130281 Solenoid

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.



130294 Solenoid

Replacing: 9330141015, 9330141007, 0331302555, 0331302055, 0331302031, 0331302023
 Servicing: 0001157001, 0001157002, 0001157003, 0001157005, 0001157007, 0001157008, 0001157011, 9000141010, 9000141013, 9000141015
 12 V, B+ M8, Kl. 15a 6.30, Kl. 30h 6.30, Kl. 50 6.30, OD 49.30, OD/ cover 50.70, Total length 136.50, Height/ B+ 13.70, Width/ kl. 15a 45.00, Width/ kl. 30h 30.00, Width/ kl. 50 15.00, Coil bolt M8, Coil bolt 2 7.80, No./ terminals 4
 Cap: HC-CARGO 130479.



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

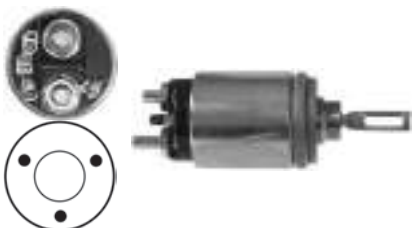
12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/ cover 29.85, OD 61.00, OD/ cover 53.30, Total length 177.75, Height/ B+ 23.40, Width/ kl. 30h 20.75, Width/ kl. 50 7.60, Coil bolt M10, Coil bolt 2 16.55, No./ terminals 3
Cap: HC-CARGO 131318.


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: 0331402507, 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.

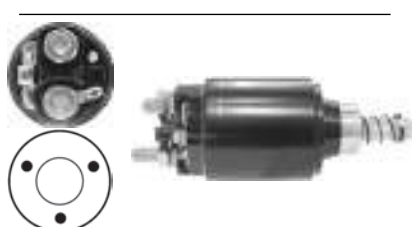

130301 Solenoid

Replacing: 0331402704, 0331402539, 0331402535, 0331402519, 0331402504, 0331402501, 0331402205, 0331402204

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, 0331402519, 0331402504, 0331402501, 0331402205, 0331402204

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.: 333168 , 130301


130302 Solenoid

Replacing: 0331402503, 0331402502, 0331402202, 0331402003, 0331402002, 0331401045, 0331401038

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: 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, 0331302066, 0331302064, 0331302051

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

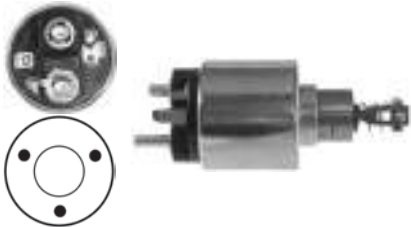
Cap: HC-CARGO 131334.


130471 Solenoid

Replacing: 0331302570, 0331302082, 0331302075, 0331302047, 0331302042

Servicing: 0001208053, 0001208054, 0001311025, 0001311027, 0001311045, 0001314006, B001311054

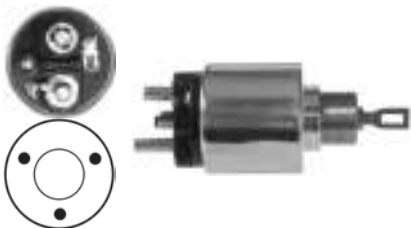
12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 49.00, OD/ cover 50.70, Total length 143.75, Height/ B+ 14.40, Width/ kl. 15a 14.00, Width/ kl. 50 12.30, Coil bolt M8, Coil bolt 2 7.75, No./ terminals 4
Cap: HC-CARGO 130479.


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: 9330081028, 2339402141, 0331402570, 0331402568, 0331402209, 0331402070, 0331402068, 0331402043

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

Replacing: 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 , 333572


131189 Solenoid

Replacing: 0331402528, 0331402096, 0331402028, 0331402027

Servicing: 0001362005, 0001362006, 0001362044, 0001362045, 0001362061, 0001362079, 0001362081, 0001362602, 0001362603, 0001362606

12 V, B+ M10, 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 52.17, OD/ cover 43.36, Total length 102.10, Height/ B+ 17.34, Coil bolt M8, Coil bolt 2 17.34, Seconds 5, No./ terminals 4

Silver contact.

Alternative no.: 333153


131586 Solenoid

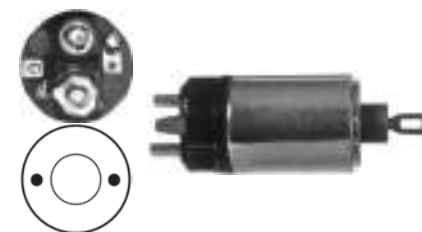
Replacing: F000SH0180, 9330043502, 9330043002, 2339303435, 2339303408, 2339303363, 2339303321, 0331303571

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

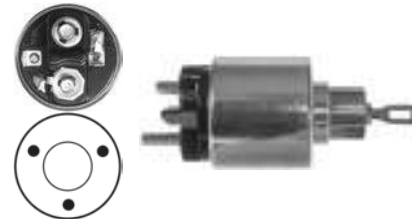

131790 Solenoid

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

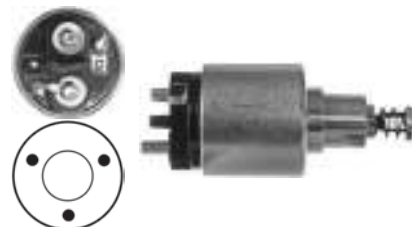
Cap: HC-CARGO 130479.


131791 Solenoid

Replacing: 2339304249, 2339303250, 2339303241, 2339303240, 0331303250, 0331303241, 0331303240, 0331303084

Servicing: 0001108012, 0001108025, 0001108030, 0001108038, 0001108061, 0001108062, 0001108088, 0001108089, 0001108090, 0001108091

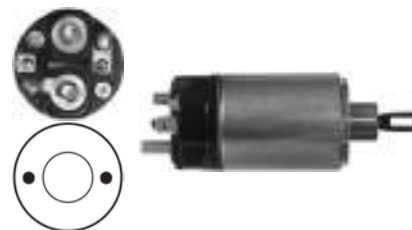
12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, ID/ cover 27.00, OD 56.30, OD/ cover 49.35, Total length 141.90, Height/ B+ 20.10, Width/ kl. 15a 11.75, Width/ kl. 50 12.75, Coil bolt M8, Coil bolt 2 12.50, No./ terminals 4
Cap: HC-CARGO 132279.


131793 Solenoid

Replacing: 0331303626, 0331303602, 0331303126, 0331303110, 0331303102, 0331303100, 0331303068, 0331303046

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.

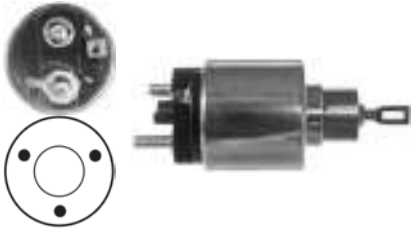

132253 Solenoid

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, 2339303260, 2339303102, 0331303654, 0331303154, 0331303061, 0331303048

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.

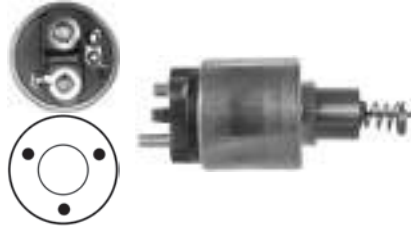
Alternative no.: 333142


132260 Solenoid

Replacing: 9339303222, 0331303037

Servicing: 0001218741, 0001317009, 0001317010, 0001317018, 0001317019, B001329010

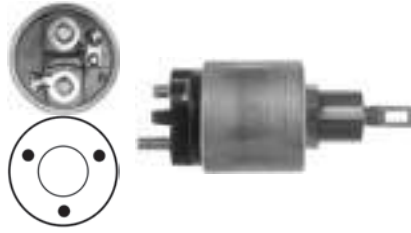
12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.00, OD 56.70, OD/ cover 49.60, Total length 141.00, Height/ B+ 17.25, Width/ kl. 50 13.25, Coil bolt M8, Coil bolt 2 8.55, No./ terminals 3
Cap: HC-CARGO 131315.


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

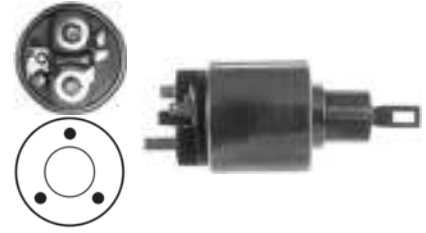
12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.15, OD 56.70, OD/ cover 49.60, Total length 139.00, Height/ B+ 16.30, Width/ kl. 50 13.00, Coil bolt M8, Coil bolt 2 8.75, No./ terminals 3
Cap: HC-CARGO 132282.


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, 0001125056, 0001208209, 0001208211, 0001208213, 0001208227, 0001218003, 0001218004, 0001218005

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: 0331303070, 0331303064, 0331303045

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.

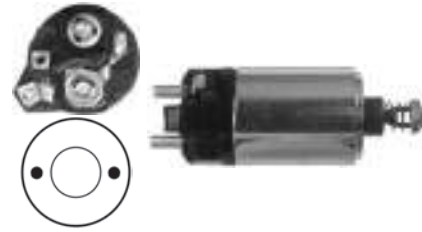
Alternative no.: 333166


132828 Solenoid

Replacing: 9330081050, 2339303403, 2339303232, 0331303094

Servicing: 0001108072, 0001108073, 0001108101, 0001108102, 0001110029, 0001110030, 0001110100, 0001110101, 0001112005, 0001112006

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

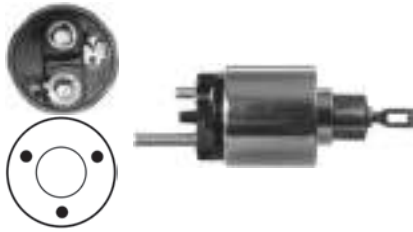
12 V, B+ M10, ID/ cover 30.00, OD 61.00, OD/ cover 53.40, Total length 175.30, Height/ B+ 22.85, Width/ kl. 50 2.80, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
Cap: HC-CARGO 131317.


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

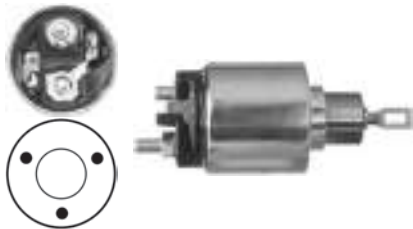
Replacing: 0331303555, 0331303132, 0331303076, 0331303056, 0331303055

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.

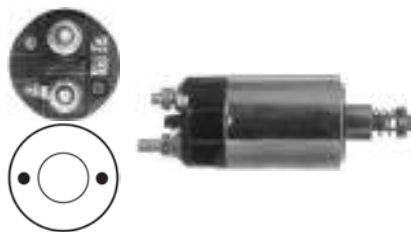

133424 Solenoid

Replacing: F000SH0139, f000sh0108, 9330081066, 2339303256, 2339303251, 2339303207, 0331303624, 0331303600

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

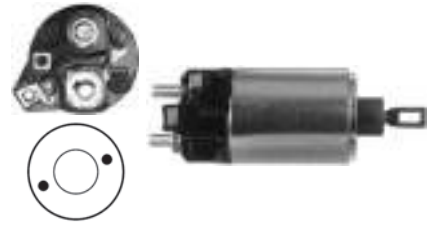

133636 Solenoid

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.

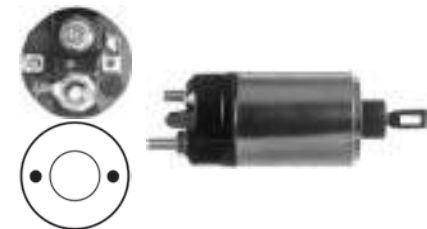

133642 Solenoid

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 50.15, 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

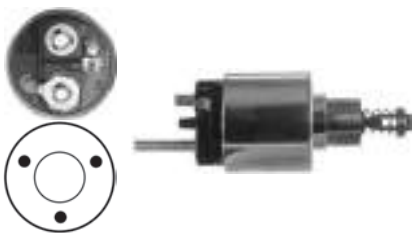
Replacing: 0331303021, 0331303012

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.

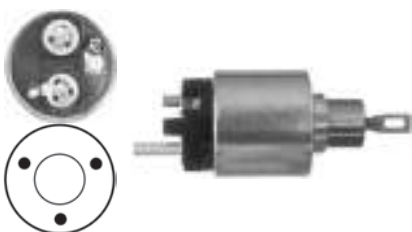
Alternative no.: 333555


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

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.

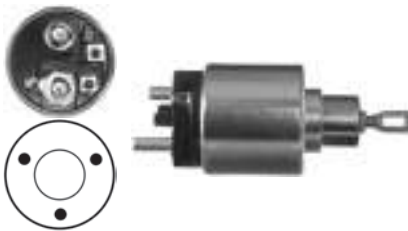

134824 Solenoid

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.

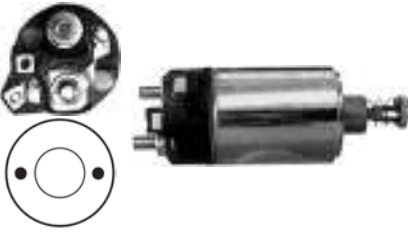
Alternative no.: 333145


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

Replacing: 0331303050

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

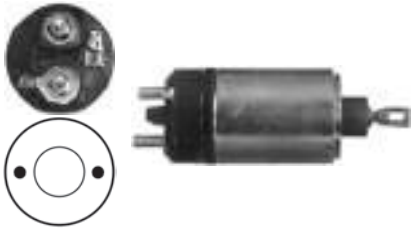
12 V, B+ M8, Kl. 50 6.30,
ID/ cover 27.25, OD 56.40,
OD/ cover 49.60, Total length 118.60,
Height/ B+ 14.00, Width/ kl. 50 11.75,
Coil bolt M8, Coil bolt 2 9.65,
No./ terminals 3
Cap: HC-CARGO 131315.


135862 Solenoid

Replacing: 0331450010

Servicing: 0001413004, 0001413005, 0001418009, 0001418011, B001418009

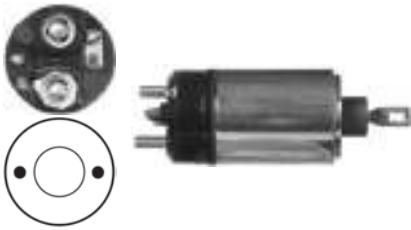
12 V
Insulated return.


135871 Solenoid

Replacing: 0331302513, 0331302013, 0331302005, 0331302004

Servicing: 0001207001, 0001207003, 0001207005, 0001207009, 0001207015, 0001207016, 0001207017, 0001207018, 0001207019, 0001207020

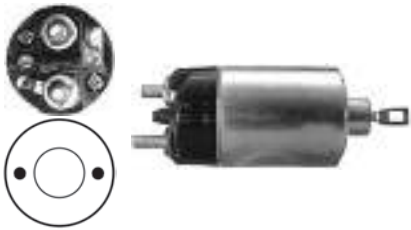
6 V, B+ M8, Kl. 50 6.30, OD 50.20, OD/ cover 49.75, Total length 145.55, Height/ B+ 16.80, Width/ kl. 50 12.20, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 3
Cap: HC-CARGO 131335.


135878 Solenoid

Replacing: 0331302053

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

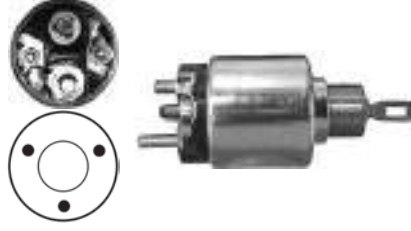
12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, OD 50.30, OD/ cover 49.45, Total length 145.15, Height/ B+ 17.00, Width/ kl. 15a 9.15, Width/ kl. 50 12.30, Coil bolt M8, Coil bolt 2 13.15, No./ terminals 3
Cap: HC-CARGO 131334.


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, 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

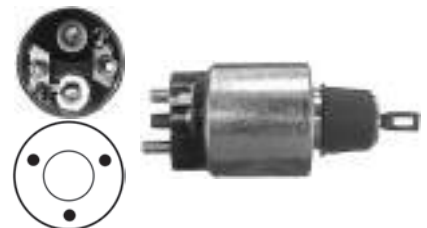
12 V, B+ M8, Kl. 50 4.70, ID/ cover 27.00, OD 56.25, OD/ cover 49.40, Total length 140.00, Height/ B+ 19.30, Width/ kl. 50 8.40, Coil bolt M8, Coil bolt 2 11.75, No./ terminals 3
Cap: HC-CARGO 139213.


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

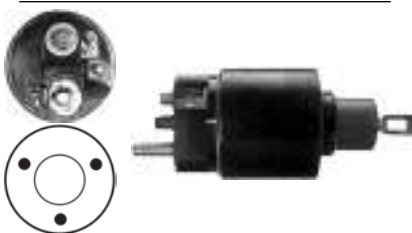
 12 V, B+ M8, Kl. 50 6.30,
ID/ cover 26.90, OD 56.35,
OD/ cover 49.25, Total length 142.80,
Height/ B+ 20.75, Width/ kl. 50 11.50,
Coil bolt M8, Coil bolt 2 8.70,
No./ terminals 3
Cap: HC-CARGO 132779.

Alternative no.: 333241


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

 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: 2339303396, 2339303272,
2339303271, 1331303613, 0331303633,
0331303618, 0331303272, 0331303133

 Servicing: 0001110040, 0001110047,
0001110059, 0001115011, 0001115013,
0001121003, 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.

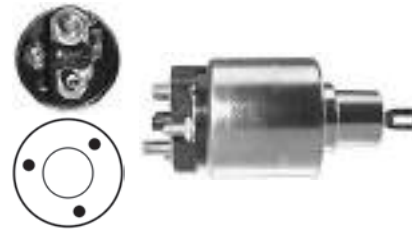
137232 Solenoid

 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.: 333144 333495

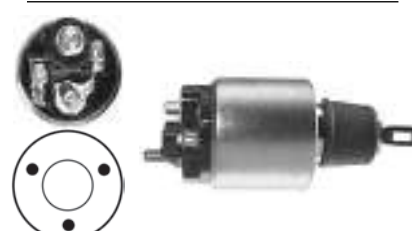

137266 Solenoid

 Replacing: 2339303318, 2339303315,
2339303220, 0331303642, 0331303142

 Servicing: 0001107010, 0001107038,
0001107092, 0001107093, 0001108197,
0001109015, 0001109052, 0001109055,
0001109062, 0001109068

 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

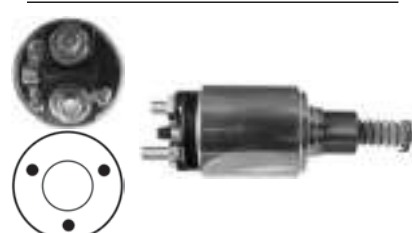

137276 Solenoid

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

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

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, F000SH0131, F000SH0125, 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, 0001115011, B001110097

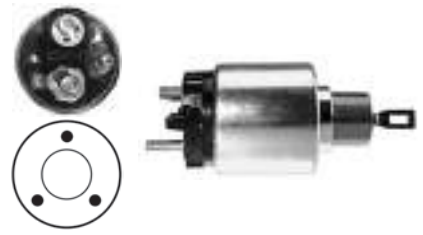
12 V, B+ M8, Kl. 50 M6, ID/ cover 27.15, OD 56.40, OD/ cover 49.25, Total length 124.25, Height/ B+ 16.40, Width/ kl. 50 10.25, No./ terminals 3
Cap: HC-CARGO 138003.


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.


137826# Solenoid

Replacing: 0331303520, 0331303108, 0331303020

Servicing: 0001108013, 0001108032, 0001108045, 0001108046, 0001108066, 0001108068, 0001108069, 0001108070, 0001108998, 0001108999

12 V, B+ M8, Kl. 50 M4, ID/ cover 26.80, OD 56.50, OD/ cover 49.50, Total length 140.70, Height/ B+ 20.40, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 12.20, No./ terminals 3
Cap: HC-CARGO 137876.


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, 0001108401, 0001109025, 0001109200, 0001109201

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

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.

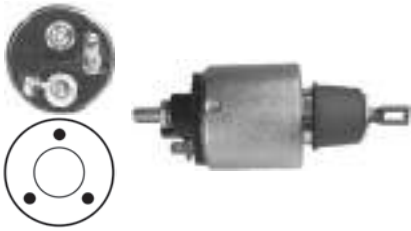
Alternative no.: 333148


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: 2339303306, 2339303294,
2339303202

 Servicing: 0001107030, 0001107075,
0001107079, 0001109034, 0001110132,
B001110240, f000a10321

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

Replacing: 0331101012

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

139498 Solenoid

 Replacing: f010sh0105, F000SH0123,
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 Solenoid

 Replacing: 9330331004, 2339303853,
2339303320

 Servicing: 0001107088, 0001218166,
0001218766, 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.


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.


230452 Solenoid

Replacing: 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


230115 Solenoid

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.


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.


230635 Solenoid

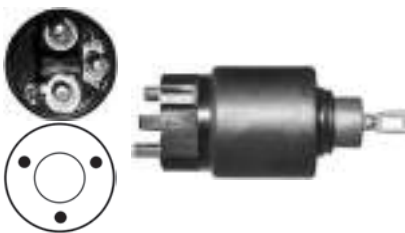
Replacing: 2339303267
 Servicing: 0001107102, 0001108197,
 0001108205, 0001115005, B001115020,
 F000AL0319

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.


230258 Solenoid

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.

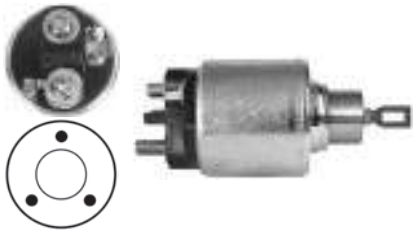

230356 Solenoid

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

Servicing: 0001107037, 0001107048,
 0001107062, 0001107067, 0001107072,
 0001107076, 0001107078, 0001107083,
 0001107096, 0001107403
 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


230847 Solenoid

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: 2339304025, 2339304020

Servicing: 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

Replacing: 2339304055

Servicing: 0001106017

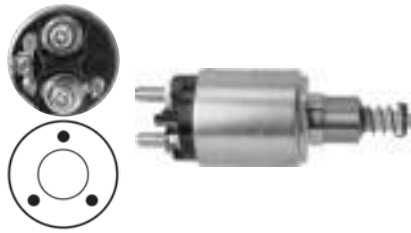
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 22.25, OD 52.30,
 OD/ cover 50.30, Total length 135.85,
 Switch dim. 2.65, Height/ B+ 24.40,
 Width/ kl. 50 11.20, Coil bolt M8,
 Coil bolt 2 7.75, No./ terminals 3

Cap: HC-CARGO 233786. Moving contact: HC-CARGO 234439.


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

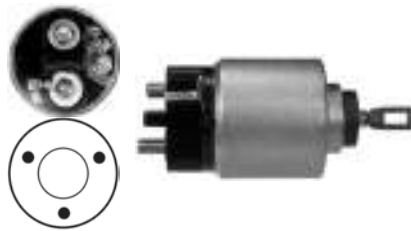
231653 Solenoid

Replacing: 6033ad0312, 2339303448

Servicing: 0001223013

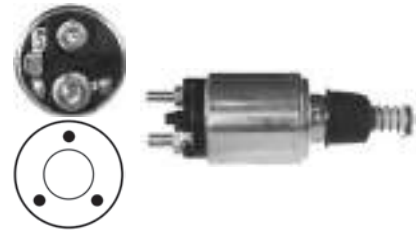
 12 V, B+ M8, Kl. 50 M6,
 ID/ cover 26.35, OD 56.30,
 OD/ cover 49.40, Total length 144.90,
 Switch dim. 7.40, Height/ B+ 20.65,
 Width/ kl. 50 13.15, Coil bolt M8,
 Coil bolt 2 10.25, No./ terminals 3

Alternative no.: 333547


231790 Solenoid

 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 Solenoid

Replacing: 2339303285, 0331303410

Servicing: 0001107070, 0001107071

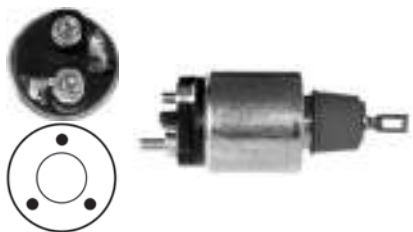
 12 V, B+ M8, Kl. 50 M5,
 ID/ cover 27.15, OD 56.50,
 OD/ cover 49.90, Total length 156.15,
 Height/ B+ 19.00, Width/ kl. 50 13.75,
 Coil bolt M8, Coil bolt 2 7.65,
 No./ terminals 3


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 Solenoid

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 Solenoid

Replacing: 2339304054, 2339304033

Servicing: 0001106012, 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 Solenoid

Replacing: 2339304024

Servicing: 0001107077, 0001107098

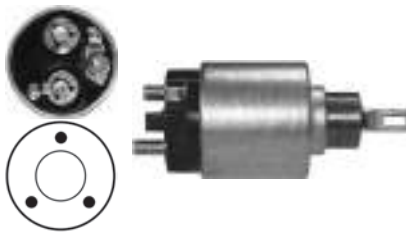
12 V, B+ M8, Kl. 50 M6,
ID/ cover 18.20, OD 52.30,
OD/ cover 50.30, Switch dim. 7.00,
Height/ B+ 9.00, Width/ kl. 50 12.60,
No./ terminals 3
Cap: HC-CARGO 231882.


232419# Solenoid

Replacing: 0331303612, 0331303112

Servicing: 0001108048, 0001108136,
B001111061

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 27.20, OD 56.35,
OD/ cover 49.50, Total length 137.45,
Height/ B+ 14.90, Width/ kl. 50 14.90,
Coil bolt M8, Coil bolt 2 10.00,
No./ terminals 3
Cap: HC-CARGO 131315.


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 Solenoid

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 Solenoid

Replacing: 2339304057, 2339304032

Servicing: 0001107401, 0001107402,
0001107404, 0001107405, 0001107409,
0001107429, 0001107435, 0001107436,
0001107437, 0001108217

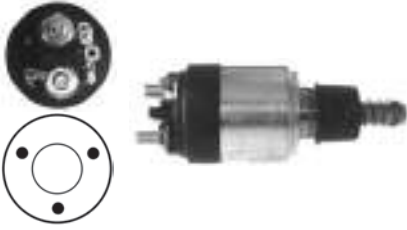
12 V, B+ M8, Kl. 50 M6,
ID/ cover 21.00, OD 50.00,
OD/ cover 50.00, Total length 110.00,
Height/ B+ 14.00, Width/ kl. 50 10.70,
Coil bolt M8, Coil bolt 2 9.00,
No./ terminals 3


233578 Solenoid

Replacing: 6033ad0074

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


233579 Solenoid

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

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: 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

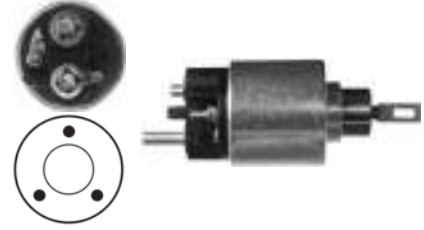
Servicing: 0001367061, B001816377
 12 V, B+ M10, Kl. 15a 4.70,
 Kl. 50 M4, ID/ cover 29.95, OD 61.30,
 OD/ cover 63.65, Total length 179.45,
 Height/ B+ 24.75, Width/ kl. 15a 2.45,
 Width/ kl. 50 14.30, Coil bolt M10,
 Coil bolt 2 14.10, No./ terminals 4


234287 Solenoid

Replacing: 2339402140
 Servicing: 0001223504, 0001230023,
 0001230026, 0001362105

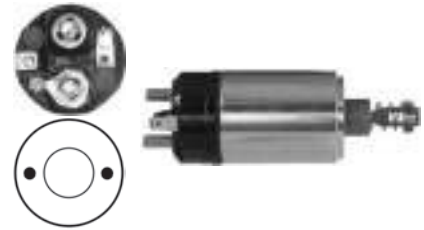
12 V, B+ M10, Kl. 50 6.30,
 ID/ cover 30.15, OD 61.30,
 OD/ cover 64.20, Total length 179.00,
 Height/ B+ 25.35, Width/ kl. 50 13.70,
 Coil bolt M10, Coil bolt 2 24.30,
 No./ terminals 3

Alternative no.: 333494


234434 Solenoid

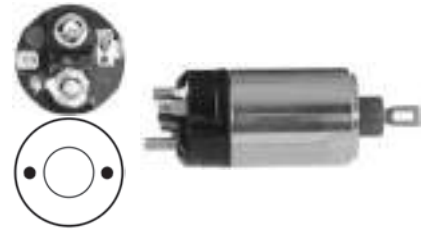
Replacing: 2339303322
 Servicing: 0001108186

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

 Replacing: 2339305100, 2339305048,
 2339305017, 2339305004

 Servicing: 0001107411, 0001107425,
 0001107426, 0001107478, 0001107479,
 0001107490, 0001107491, 0001108202,
 0001108204, 0001108224

 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

234967 Solenoid

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

 Replacing: 2339305324, 2339305077,
 2339305055

 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

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

 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

235437[#] Solenoid

Replacing: 2339402147

Servicing: 0001223505

 12 V, B+ M10, Kl. 50 M5, OD 61.00,
 Coil bolt M10, No./ terminals 3

235535 Solenoid

 Replacing: 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

235806 Solenoid

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

Replacing: 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

235880 Solenoid

Replacing: 6033AD0464, 2339303848

Servicing: 0001223006

 12 V, B+ M8, Kl. 30h M8, Kl. 50 M6,
 OD 56.56, Total length 146.10,
 Height/ B+ 60.00, Width/ kl. 30h 30.00,
 Width/ kl. 50 15.00, No./ terminals 3

236516 Solenoid

 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.

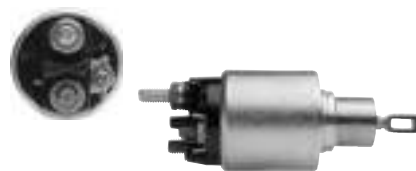
Alternative no.: 333591


236837 Solenoid

 Replacing: 2339305047, 2339305026,
 2339305013

 Servicing: 0001107429, 0001107437,
 0001107459, 0001107460, 0001108217,
 0001108218, 0001108222, 0001108223,
 0001109250, 0001115047

12 V, B+ M8, Coil bolt M6, No./ terminals 3


237672 Solenoid

Replacing: 2339305033

 Servicing: 0001109205, 0001109300,
 0001109301, 0001109302, 0001109303,
 0001109313, 0001109324, 0001109325,
 0001109332, 0001109333

 12 V, B+ M8, Kl. 50 M6, Height/ B+ 16.00,
 Width/ kl. 50 8.80, No./ terminals 3

238106 Solenoid

Replacing: 2339305018

Servicing: 0001108400, 0001109364

12 V, No./ terminals 3


238836 Solenoid

Replacing: f000sh0178

Servicing: F000AL0320

 12 V, B+ M8, OD 56.34,
 OD/ cover 54.26, Total length 148.09,
 Switch dim. 6.33, Height/ B+ 21.50,
 Coil bolt M8, Coil bolt 2 9.03, No./ terminals 3

238923 Solenoid

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

Replacing: 2339305045

 Servicing: 0001115040, 0001115041,
 0001115045, 0001115046

 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

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

 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

NEW PRODUCT
www.hc-cargo.com

330259 Solenoid

Replacing: 2339305068, 2339305032

Servicing: 0001109064, 0001109065

 12 V, B+ M8, Kl. 50 Plug, OD 52.44,
 Total length 143.27, Height/ B+ 18.05

330491 Solenoid

Replacing: 2339305084

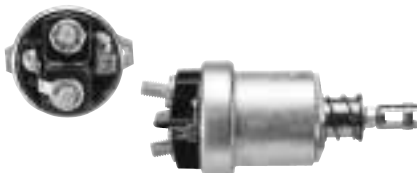
 Servicing: 0001138001, 0001138002,
 0001138043, 0001138044, 0001138049,
 0001138050, 0001148015, 0001148016

 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

330787 Solenoid

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

331019 Solenoid

Replacing: 0331300022, 0331300019

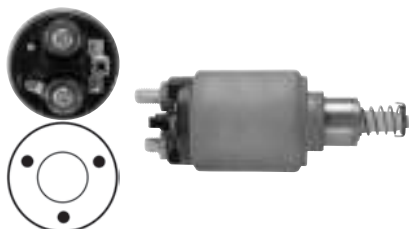
 Servicing: 0001307007, 0001307009,
 0001307017, 0001307021, 0001307022,
 0001307024, 0001312001

 12 V, B+ M8, OD 54.60,
 Total length 130.00, 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

333137 Solenoid

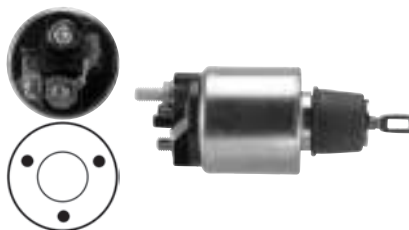
Manufacturer: Bosch

 Replacing: 0331402503, 0331402502,
 0331402202, 0331402003, 0331402002,
 0331401045, 0331401038

 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

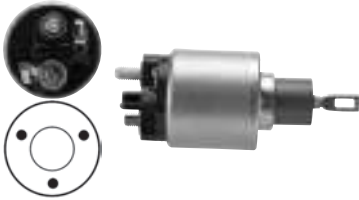

333141 Solenoid

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



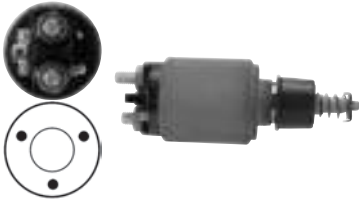
333142 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303447, 2339303263, 2339303260, 2339303102, 0331303654, 0331303154, 0331303061, 0331303048

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



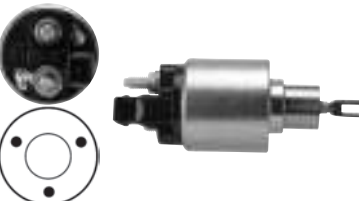
333144 5★ Solenoid

Manufacturer: Bosch

Replacing: 9330081028, 2339402141, 0331402570, 0331402568, 0331402209, 0331402070, 0331402068, 0331402043

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



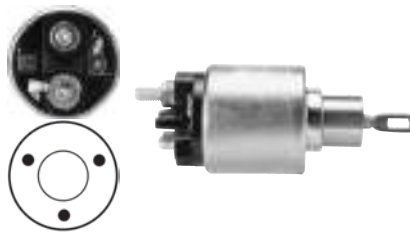
333145 5★ Solenoid

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, 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.: 134824



333146 5★ Solenoid

Manufacturer: Bosch

Replacing: F000SH0180, 9330043502, 9330043002, 2339303435, 2339303408, 2339303363, 2339303321, 0331303571

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

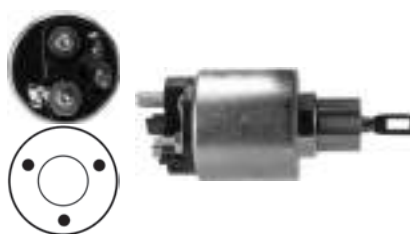


333147 5★ Solenoid

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

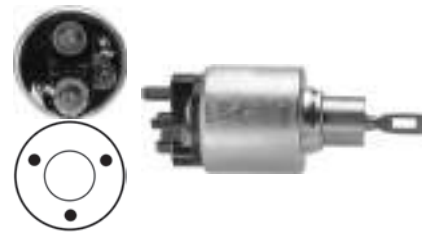


333148 5★ Solenoid

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

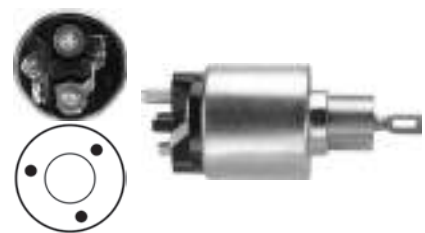


333149 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304053, 2339304001, 0331304053

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

Servicing: 0001107037, 0001107048, 0001107072, 0001107096, 0001107403, 0001107406, 0001108184, 0001109014, 0001109036, 0001110112

 12 V, B+ M8, KI. 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: 0333006004

 12 V, 80 Amp, Intermittent load 500 Amp., B+ M8, KI. 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

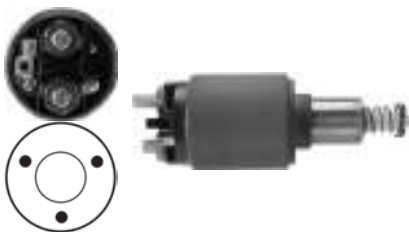
Servicing: 0001107062, 0001107417, 0001107418, 0001107499, 0001107500, 0001107501, 0001107502, 0001108408, 0001108430, 0001108431

 12 V, B+ M8, KI. 30h M10, KI. 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: 0331303070, 0331303064, 0331303045

 12 V, B+ M8, KI. 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, 0331402519, 0331402504, 0331402501, 0331402205, 0331402204

Servicing: 0001358051, 0001359008, 0001359074, 0001359075, 0001359090, 0001359095, 0001359102, 0001359107, 0001359108, 0001359122

 12 V, B+ M10, KI. 30h M10, KI. 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

Servicing: 0001107103, 0001121006, 0001121007, 0001121008, 0001121016, 0001121017, 0001121018, 0001121019, 0001121022, 0001121023

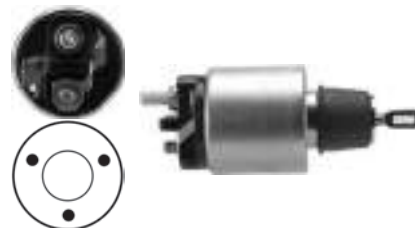
12 V, B+ M8, OD 33.00, Total length 100.00


333240 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303842

12 V, OD 33.00, Total length 101.50


333241 5★ Solenoid

Manufacturer: Bosch

Replacing: 9330331006, 2339303858

Servicing: 0001218168, 0001218768

 12 V, B+ M8, KI. 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

333243 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339305051

Servicing: 0001109205, 0001109324, 0001109325, 0001109387, 0001109388, 0001115088, 0001115089, 0001115092, 0001115093

12 V, B+ M8, KI. 15a M6, OD 33.00, Total length 93.00

 NEW PRODUCT
www.hc-cargo.com
333316 Solenoid

Replacing: 2339305066

 Servicing: 0001109273, 0001109274, 0001115051, 0001115052, 0001115072, 0001115073, 0001115076, 0001115077
 12 V


333321 Solenoid

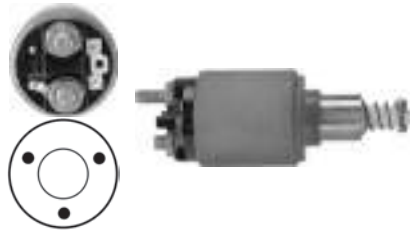
Replacing: 2339402119
 Servicing: 0001230001
 12 V, B+ M10, Kl. 50 M4,
 OD 61.50, OD/ cover 54.50,
 Total length 166.50, No./ terminals 3


333493 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339402115
 Servicing: 0001369023, 0001369201
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 30.00, OD 61.00,
 OD/ cover 54.00, Total length 181.00,
 Height/ B+ 23.00, Coil bolt M10,
 Coil bolt 2 24.80, 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,
 ID/ cover 30.00, OD 61.00,
 OD/ cover 64.00, Total length 180.00,
 Height/ B+ 25.00, Width/ kl. 50 13.00,
 Coil bolt M10, Coil bolt 2 24.00,
 No./ terminals 3
 Alternative no.: 234287


333495 5★ Solenoid

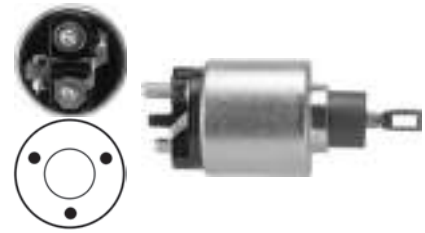
Manufacturer: Bosch
 Replacing: 2339402611, 2339402111,
 0331402607, 0331402107
 Servicing: 0001367077, 0001369014
 12 V, B+ M10, ID/ cover 29.00,
 OD 61.00, OD/ cover 54.00,
 Total length 171.00, Height/ B+ 24.00,
 Width/ kl. 50 2.20, Coil bolt M10,
 Coil bolt 2 17.60, No./ terminals 3
 Alternative no.: 137232


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


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,
 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.: 133421


333546 5★ Solenoid

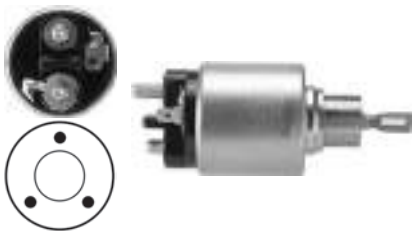
Manufacturer: Bosch
 Replacing: 2339303311, 2339303223,
 2339303209, 0331303562, 0331303155,
 0331303121, 0331303072, 0331303062
 Servicing: 0001108051, 0001108143,
 0001108180, 0001108182, 0001110003,
 0001110026, 0001110089, 0001110095,
 0001110114, 0001112025
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 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
 Alternative no.: 136369


333547 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339303448
 12 V
 Alternative no.: 231653


333555 5★ Solenoid

Manufacturer: Bosch
 Replacing: 0331303021, 0331303012
 14 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,
 No./ terminals 4
 Alternative no.: 133644


333561 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304025, 2339304020

Servicing: 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.: 230848


333565 5★ Solenoid

Manufacturer: Bosch

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

Servicing: 0001107442, 0001107443, 0001108157, 0001108196, 0001108230, 0001108401, 0001109025, 0001109200, 0001109201

12 V, B+ M8, Kl. 30h M5, Kl. 50 M6, ID/ cover 24.15, OD 52.15,

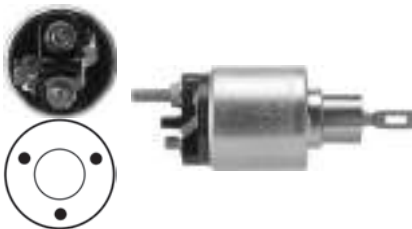
OD/ cover 45.65, Total length 136.30,

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

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, 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

Alternative no.: 132267


333572 5★ Solenoid

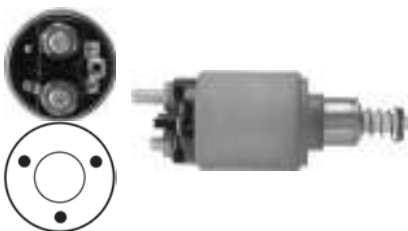
Manufacturer: Bosch

Replacing: 2339303413, 2339303293

Servicing: 0001107009, 0001107085, 0001108099, 0001109012, 0001109017, 0001109049, 0001110068, 0001110133, 0001110134, 0001121010

12 V

Alternative no.: 131143


333586 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331402524, 0331402024

Servicing: 0001358202, 0001359094, 0001362307, 0001367071

12 V, B+ M10, Kl. 50 4.70,

ID/ cover 30.10, OD 61.15,

OD/ cover 53.40, Total length 162.00,

Width/ kl. 50 3.75, Coil bolt M10,

Coil bolt 2 15.50, 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, ID/ cover 30.00,

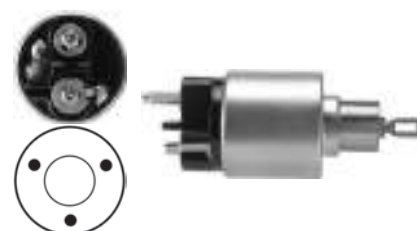
OD 60.85, OD/ cover 53.35,

Total length 172.20, Height/ B+ 23.35,

Coil bolt M10, Coil bolt 2 16.65,

No./ terminals 3

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,

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

Alternative no.: 137612


333591 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402149

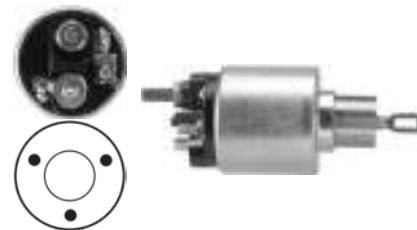
Servicing: 0001230002, 0001230018

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

Alternative no.: 236645


333592 5★ Solenoid

Manufacturer: Bosch

Replacing: f010sh0105, F00SH0123, 2339303227

Servicing: 0001109018, 0001109030, 0001109045, 0001109048, 0001109253, F002G20506

12 V, B+ M8, Kl. 50 M6, ID/ cover 27.10,

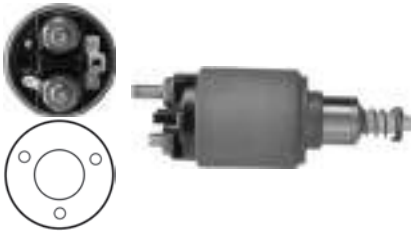
OD 56.20, OD/ cover 49.85,

Total length 145.00, Height/ B+ 20.90,

Width/ kl. 50 14.15, Coil bolt M8,

Coil bolt 2 9.10, No./ terminals 3

Alternative no.: 139498


333596 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402132

Servicing: 0001223506, 0001230006, 0001230012

 12 V, B+ M10, Kl. 50 4.70,
 ID/ cover 30.00, OD 91.40,
 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
 Alternative no.: 230452

NEW PRODUCT
www.hc-cargo.com

333601 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303306, 2339303294, 2339303202

Servicing: 0001109034

 12 V, B+ M8, Kl. 50 Plug,
 ID/ cover 26.30, OD 56.25,
 OD/ cover 49.70, Total length 124.15,
 Height/ B+ 13.80, Coil bolt M8,
 Coil bolt 2 8.35, No./ terminals 3
 Alternative no.: 139069

24 Volt

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, 0001410024, 0001410037, 0001410038, 0001410049, 0001410050, 0001410068, 0001410069, 0001410075

 24 V, B+ Cable, OD 85.50,
 Total length 93.65
Insulated return.

Alternative no.: 333162 5★


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 5★, 130303z


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.: 333138 5★, 130303


130304 Solenoid

Replacing: 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 5★


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 5★


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: 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, 0001360025, 0001360036, 0001360040, 0001360049, 0001364103, 0001364108, 0001368018, 0001368030, 0001368031

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


131371 Solenoid

Replacing: 0333006006

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

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 contacts.

Alternative no.: 333152


132254 Solenoid

Replacing: 9330081045, 0331402531, 0331402036, 0331402031

Servicing: 0001360027, 0001368016, 0001368019, 0001368020, 0001368021, 0001368037, 0001368038, 0001368056, 0001368059, 0001368063

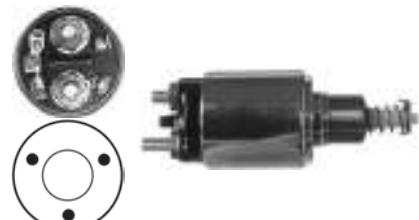
24 V, B+ M10, Kl. 50 4.70, ID/ cover 29.80, OD 61.00, OD/ cover 53.35, Total length 161.85, Height/ B+ 21.90, Width/ kl. 50 3.70, Coil bolt M10, Coil bolt 2 15.75, No./ terminals 3
Cap: HC-CARGO 131318.

Alternative no.: 333151


132255 Solenoid

Replacing: 2339402177, 2339402171
Servicing: 0001363111, 9000143601, 9000143602

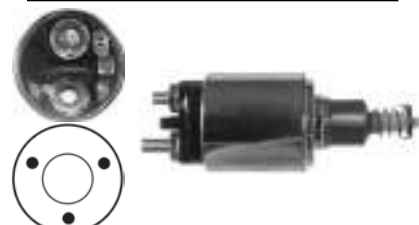
24 V, B+ M10, Kl. 50 4.70, ID/ cover 30.10, OD 61.40, OD/ cover 53.10, Total length 147.75, Height/ B+ 21.25, Width/ kl. 50 3.60, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
Cap: HC-CARGO 131318.


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.

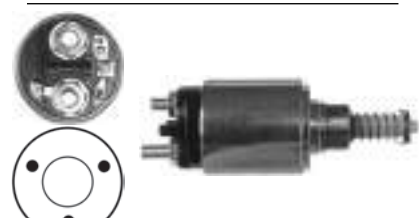

132361 Solenoid

Replacing: 0331402537, 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

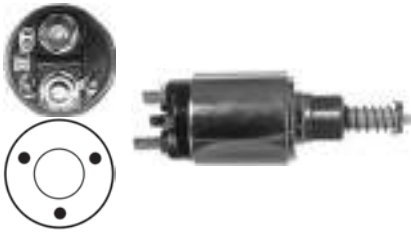

132362 Solenoid

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



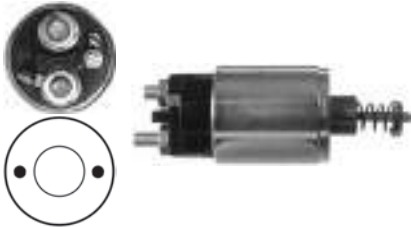
132363 Solenoid

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



133096# Solenoid

Replacing: 0331401033, 0331401025

Servicing: 0001360014, 0001360016, 0001360024

24 V, B+ M10, OD 57.00, OD/ cover 50.00, Total length 161.20, Height/ B+ 20.80, Width/ kl. 50 2.65, Coil bolt M10, Coil bolt 2 15.00, No./ terminals 3
Cap: HC-CARGO 133157. Lever: HC-CARGO 131183.



133554 Solenoid

Replacing: 0331101009, 0331101006, 0331100016

Servicing: 0001410015, 0001410016, 0001410017, 0001410021, 0001410029, 0001410032, 0001410034, 0001410035, 0001410041, 0001410043

24 V, OD 69.30, Total length 91.90

Alternative no.: 333154



135380 Solenoid

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, 0311451002

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.



139507 Solenoid

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


139967 Solenoid

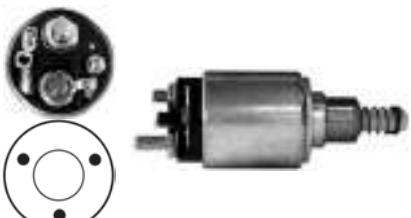
Replacing: 2339403010, 2339403008, 0331403004, 0331403003

Servicing: 0001371001, 0001371019, 0001372001, 0001372005, 0001372006, OAA137200B, OAA137200F, OAA137200G

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.: 333600


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


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

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.

Alternative no.: 333161


233583 Solenoid

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

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, 0001231007, 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

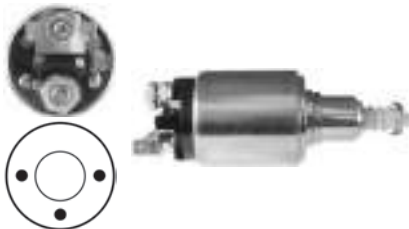

234129 Solenoid

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.

Alternative no.: 333139


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

Replacing: 2339402145

Servicing: 0001363122

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

Replacing: 2339450014

Servicing: 0001417075, 0001417076

 24 V, Total length 91.60
Insulated return.

237753 Solenoid

Replacing: 2339402220, 23309402230

Servicing: 0001241001, 0001241003, 0001241007, 0001241014, 0001241019, 0001241119, 0001261001, 0001261002, F002G20786

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

Replacing: 2339402187

Servicing: 0001231033

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


330254 Solenoid

Replacing: 2339402225

Servicing: 0001241006, 0001241015, 0001241020

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


330795 Solenoid

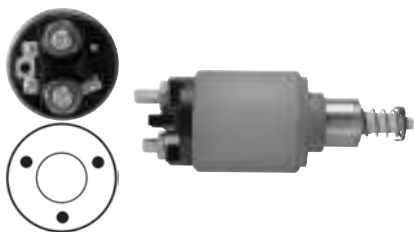
Replacing: 2339402196

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: 0001231003, 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

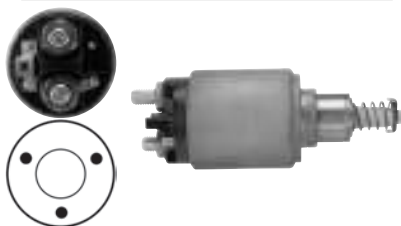

333139# 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331303054

24 V, OD 56.00, Total length 87.00, No./ terminals 4

Alternative no.: 235275


333140 5★ Solenoid

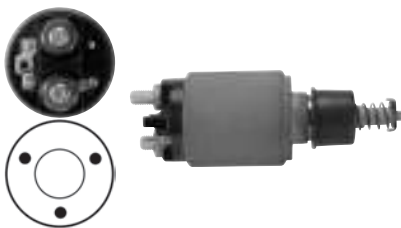
Manufacturer: Bosch

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

 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

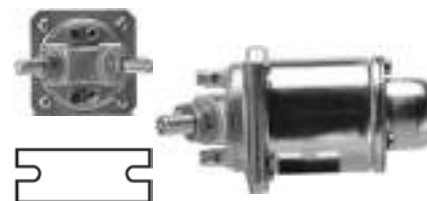
Manufacturer: Bosch

Replacing: 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

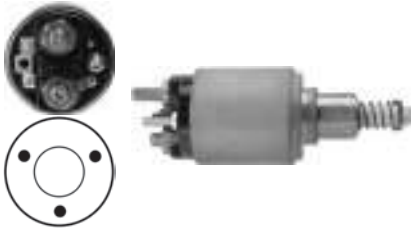

333156 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333006006

 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 5★ Solenoid

Manufacturer: Bosch

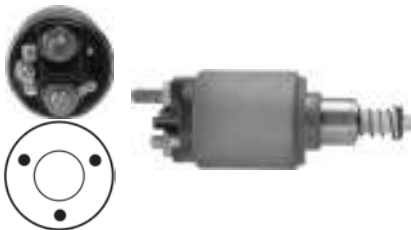
Replacing: 2339450013, 0331450002

Servicing: 0001410098, 0001411005, 0001411021, 0001417061, 0001417076

24 V, B+ Cable, OD 94.00, Total length 111.30

Insulated return.

Alternative no.: 130305


333161 5★ Solenoid

Manufacturer: Bosch

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.: 233852


333162 5★ Solenoid

Manufacturer: Bosch

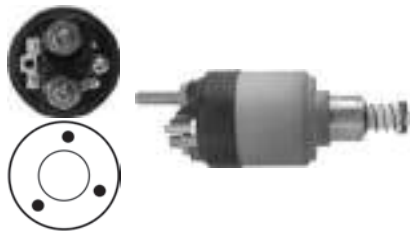
Replacing: 0331101008, 0331101005, 0331100025, 0331100021, 0331100019, 0331100009

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 5★ 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,

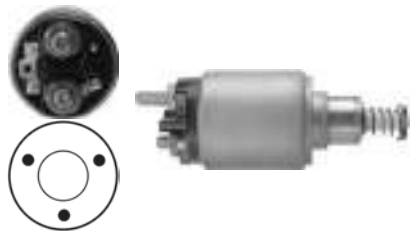
Total length 180.00, Height/ B+ 34.70,

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 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402190, 2339402189, 2339402182, 2339402167, 2339402160, 2339402139, 2339402116

Servicing: 0001231007, 0001231008, 0001231009, 0001231011, 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 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331402537, 0331402515, 0331402037, 0331402015

Servicing: 0001368020

24 V, B+ M10, ID/ cover 30.10, OD 61.20, OD/ cover 53.00,

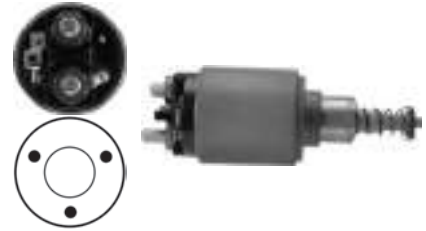
Total length 171.65, Height/ B+ 24.60,

Width/ kl. 50 2.20, Coil bolt M10,

Coil bolt 2 16.35, No./ terminals 3

Cap: HC-CARGO 131317.

Alternative no.: 132361


333169 5★ 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,

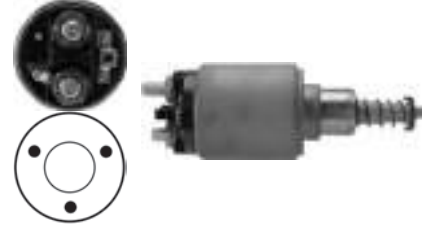
Height/ B+ 26.00, Width/ kl. 30h 16.45,

Width/ kl. 50 5.30, Coil bolt M10,

Coil bolt 2 20.75, No./ terminals 3

Cap: HC-CARGO 131318.

Alternative no.: 132363


333170 5★ 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,

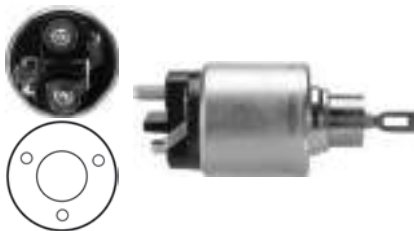
Height/ B+ 23.35, Width/ kl. 30h 16.45,

Width/ kl. 50 2.55, Coil bolt M10,

Coil bolt 2 17.10, No./ terminals 3

Cap: HC-CARGO 131317.

Alternative no.: 132362


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

333391 Solenoid

Replacing: 2339402362

 Servicing: 0001261001, 0001261002,
 0001261003, 0001261004, 0001261005,
 0001261006, 0001261025, 0001261026

 24 V, B+ M10, Kl. 15a M6,
 OD 61.60, OD/ cover 53.75,
 Total length 200.30, No./ terminals 4

333393 Solenoid

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

333478 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402220, 23309402230

24 V, No./ terminals 4

Alternative no.: 237753


333483 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333009018

24 V

Alternative no.: 333628


333484 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333009005

24 V

Alternative no.: 333623


333485 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402235, 2339402221

 24 V, B+ M10, Kl. 15a M6, Kl. 50 M6,
 OD 61.50, OD/ cover 53.60,
 Total length 202.00, Coil bolt M10,
 No./ terminals 4

Alternative no.: 239102


333486 5★ Solenoid

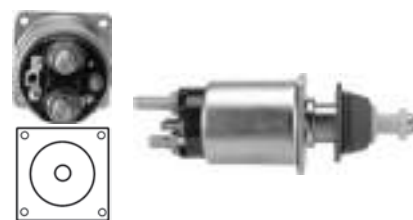
Manufacturer: Bosch

Replacing: 2339402186

Servicing: 0001231034, 0001231035

 24 V, B+ M8, Kl. 50 M5, OD 61.50,
 OD/ cover 54.00, Total length 189.00,
 Height/ B+ 35.40, Width/ kl. 50 15.00,
 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. 50 M6, OD 65.75,
 OD/ cover 57.30, Total length 199.00,
 Height/ B+ 38.00, Width/ kl. 15a 21.00,
 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.: 139965


333530 5★ Solenoid

Manufacturer: Bosch

Replacing: 6033AD5256, 2339402222

 Servicing: 0001241005, 0001241009,
 0001241021, 0001330005

24 V

Alternative no.: 333626


333532 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402230

 Servicing: 0001241001, 0001241016,
 0001261016, 0001261022, 0399504011

24 V

Alternative no.: 333619


333541 Solenoid

Manufacturer: Bosch

Replacing: 2339402168, 2339402133

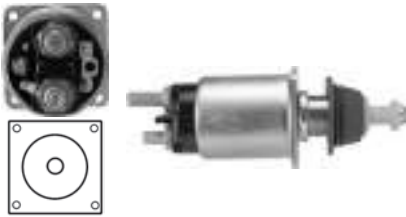
Servicing: 0001231005

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, 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. 50 18.20,

Coil bolt M12, No./ terminals 4

Alternative no.: 139967

Safety Switches
12 Volt

333314 Safety switch

Replacing: 6033AD6160

24 V, OD 32.85, OD/ cover 36.30,

Total length 66.00, No./ terminals 4

24 Volt

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

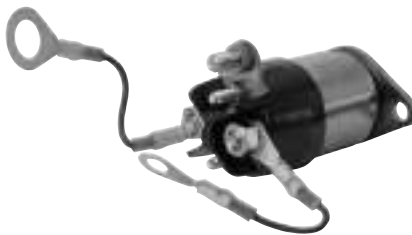

231267 Safety Switch

Replacing: 6033ad0440, 6033ad0086

Servicing: 0001231002, 0001231016,
 0001231032, 0001231046, 0001231146,
 B001260015

24 V, OD 33.75

Alternative no.: 333282


238849 Safety switch

Replacing: 6033AD3216

Servicing: 0001231033, 0001263016,
 0001263049, 0001263050

24 V, OD 33.00, Total length 65.15,
 No./ terminals 4


239094 Safety Switch

Replacing: 6033AD6153, 6033AD5255,
 6033AD5138

Servicing: 0001241001, 0001241003,
 0001241007, 0001241014, 0001241019,
 0001241119, 0001261001, 0001261002,
 0001330008, F002G20786

24 V, OD 33.00, Total length 65.00,
 No./ terminals 4


330256 Safety switch

Manufacturer: Bosch

Replacing: 6033AD5254, 333238,
 0333006026

Servicing: 0001231036, 0001231040,
 0001241015, 0001241020, 0001261007,
 0001261008, 0001261011, 0001261014,
 0001261021

24 V, Kl. 50 Plug, OD 33.20,

OD/ cover 36.20,

Total length 74.70, No./ terminals 2


331586 Safety switch

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 5



333578 Safety Switch
 Manufacturer: Bosch
 Replacing: 0333006025
 Servicing: 0001340501, 0001340502, 0001340503, 0001340504, 0001340505, 000134BB01, 000134BH01, 000134F203, 000134F703, 000134F801
 24 V
 Alternative no.: 333624

Solenoid Parts

Solenoid Caps

Pkg. 5



130479 Solenoid Cap
 Replacing: 1330516050, 1330516037
 Servicing: 0001155009, 0001155010, 0001155016, 0001155017, 0001157001, 0001157002, 0001157003, 0001157004, 0001157009, 0001157010
 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
 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
 No./ terminals 3, Bracket type Crimp



131317 Solenoid Cap
 Servicing: 0001358020, 0001358046, 0001358047, 0001358049, 0001358200, 0001358201, 0001358202, 0001359049, 0001359073, 0001359106
 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, 0001358051, 0001359008, 0001359012
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 130297, 130299, 130300, 130301, 130477, 130806, 130939, 131053, 131141, 132254, 132255, 132363, 137368.



131319 Solenoid Cap
 Servicing: 0001359082, 0001359110, 0001362060, 0001362067, 0001367006, 0001367055, 0001367056, 0001369023, 2339402113, 2339402115
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 131142, 231801, 234859.

Pkg. 5



131334 Solenoid Cap

Replacing: 1330516023

Servicing: 0001108154

No./ terminals 4

HC-CARGO 130293, 135878.

Pkg. 5



131335 Solenoid Cap

Replacing: 1330516034, 1330516033, 1330516032

Servicing: 0001108031, 0001157021, 0001207001, 0001207005, 0001207016, 0001207017, 0001207018, 0001207019, 0001208032, 0001208233

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

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

No./ terminals 4, Bracket type Crimp
HC-CARGO 130476.



131345 Solenoid Cap

Servicing: 0001108080, 0001157022, 0001208019, 0001208020, 0001208027, 0001208028, 0001208030, 0001208031, 0001208040, 0001208041

No./ terminals 4

HC-CARGO 130470, 132890.

Pkg. 5



131847 Solenoid Cap

Servicing: 0001108004, 0001108019, 0001108033, 0001208172, 0001208219, 0001208220, 0001208223, 0001208232, 0001208409, 0001208423

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

No./ terminals 4, Bracket type Crimp
HC-CARGO 131791.



132300 Solenoid Cap

Servicing: 0001108040, 0001108057, 0001108071, 0001108082, 0001108111, 0001108152, 0001112020, 0001114008, 0001114017, 0001208520

No./ terminals 3, Bracket type Crimp
HC-CARGO 132299, 133419.



132677 Solenoid Cap

Servicing: 0331402012

No./ terminals 4, Bracket type Crimp



132723 Solenoid Cap

Servicing: 9339331008

No./ terminals 4
HC-CARGO 132272.

Pkg. 5


132778 Solenoid Cap

Servicing: 0001208009, 0001208026,
 0001208056, 0001208058, 0001208060,
 0001208061, 0001208405, 0001211204,
 0001211205, 0001211209

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

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

No./ terminals 4, **Bracket type** Crimp

HC-CARGO 132258, 133644, 135065, 138257, 139068.

Pkg. 5


132781 Solenoid Cap

Servicing: 0001311105, 0001311106,
 0001311124, 0331302056, 0331302084,
 0331302094

No./ terminals 4

HC-CARGO 133643, 234858.


133148 Solenoid Cap

Replacing: 1330516225

Servicing: 0001110009, 0001110010,
 0001208425, 0001208426, 0001208428,
 0001208429, 0001211251, 0001211252,
 0001211253, 0001211254

No./ terminals 3, **Bracket type** Crimp

HC-CARGO 133421, 134376.


133157 Solenoid Cap

Servicing: 0331401004, 0331401007,
 0331401022, 0331401025, 0331401029,
 0331401033

No./ terminals 3, **Bracket type** Crimp

HC-CARGO 133096.


133159 Solenoid Cap

Servicing: 0001362005, 0001362006,
 0001362044, 0001362045, 0001362081,
 0001362602, 0001362603, 0001362606,
 0001362607, 0331401028

No./ terminals 3, **Bracket type** Crimp

HC-CARGO 131189.

133202 Solenoid Cap

Replacing: 1330516209

Servicing: 0331303023, 0331303034,
 0331303045

No./ terminals 3, **Bracket type** Crimp

HC-CARGO 132261, 132827.

Pkg. 5


133447 Solenoid Cap

Servicing: 0001231003, 0001359084,
 0001359111, 0001360022, 0001360037,
 0001360052, 0001360065, 0001367010,
 0001367034, 0001367039

No./ terminals 3, **Bracket type** Crimp

HC-CARGO 130303, 131042, 233734.

Pkg. 5


133473# Solenoid Cap

Servicing: 0331402089

No./ terminals 4, **Bracket type** Crimp

HC-CARGO 133472.

Pkg. 5


133777 Solenoid Cap

Servicing: 0331302001, 0331302002,
 0331302006, 0331302009, 0331302020,
 0331302060, 0331302072

No./ terminals 3

HC-CARGO 133428.



134383 Solenoid Cap

Servicing: 0331401008, 0331401009, 0331401016

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

No./ terminals 3, Bracket type Crimp

Pkg. 5



134844 Solenoid Cap

Servicing: 0001359119, 0001362016, 0001362041, 0001362071, 0001366001, 0001367005, 0001367049

No./ terminals 3, Bracket type Crimp



136108 Solenoid Cap

Servicing: 0001110042, 0001110071, 0001110072, 0001110110, 0001218171, 0331303117

No./ terminals 4, Bracket type Crimp
HC-CARGO 136036, 136615.



137349 Solenoid Cap

Servicing: 0001106011, 0001106016, 0001107016, 0001107041, 0001107043, 0001107059, 0001107062, 0001107082, 0001107087, 0001107407

No./ terminals 3, Bracket type Crimp
HC-CARGO 138763, 138877.



137706 Solenoid Cap

Servicing: 0001108052, 0001108056, 0001108154, 0331303106, 0331303107

No./ terminals 3, Bracket type Crimp
HC-CARGO 136370, 137693.



137815 Solenoid Cap

Servicing: 0001108113, 0001108114, 0001108174, 0001108175, 0001108220, 0001108221, 0001109021, 0001109022, 0001109066, 0001109067

No./ terminals 3, Bracket type Crimp
HC-CARGO 136852, 233716.



137876 Solenoid Cap

Servicing: 0331303020, 0331303108, 0331303520

No./ terminals 3, Bracket type Crimp
HC-CARGO 137826.



138003 Solenoid Cap

Servicing: 0001107010, 0001107034, 0001107038, 0001107056, 0001107092, 0001107093, 0001107100, 0001107101, 0001107108, 0001108123

No./ terminals 3, Bracket type Crimp
HC-CARGO 137175, 137266, 137613, 137951.

Pkg. 5



138004 Solenoid Cap

Servicing: 0001107011, 0001107014, 0001107015, 0001107027, 0001107028, 0001107031, 0001107039, 0001107044, 0001107049, 0001107066

No./ terminals 3, Bracket type Crimp
HC-CARGO 133424, 137696, 139498, 139549, 230323, 230324, 230431, 230847.

Pkg. 5

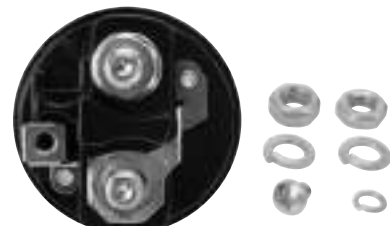


138006 Solenoid Cap

Servicing: 0001107033, 0001108070, 0001108105, 0001108129, 0001108135, 0331303137, 2339303208

No./ terminals 3, Bracket type Crimp
HC-CARGO 138005.

Pkg. 5



138926 Solenoid Cap

Servicing: 0001208209, 0001208227, 0331303022, 0331303522, 9000142001

No./ terminals 3, Bracket type Crimp
HC-CARGO 139212.

Pkg. 5



Pkg. 5

139211# Solenoid Cap

Servicing: 0331303098, 2339303281
 No./ terminals 4, Bracket type Crimp
 HC-CARGO 139210.



Pkg. 5

139213 Solenoid Cap

Servicing: 0001110039, 0001110053,
 0001218172, 0001218772, 0001223002,
 0331303017, 0331303115, 2339303261,
 9330331000, B001117050
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 136371, 137276.


139525 Solenoid Cap

Servicing: 0001108074, 0001108112,
 0001108125, 0001108128, 0001108186,
 0001112019, 0001112029, 0331303143,
 2339303322, B001111390
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 137490, 234434.


139597 Solenoid Cap

Servicing: 0001107030, 0001107075,
 0001107079, 0001107088, 0001109034,
 0001110132, 0001218166, 2339303202,
 2339303294, 2339303306
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 139069, 139500.


139598 Solenoid Cap

Servicing: 0001107017, 0001107018,
 0001107054, 0001107055, 0001107068,
 0001107069, 0001107073, 0001107074,
 0331303162, 0331303662
 No./ terminals 4, Bracket type Crimp
 HC-CARGO 137982, 233480.


230087 Solenoid Cap

Servicing: 2339403010
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 139967.


230278 Solenoid Cap

Servicing: 2339402117, 2339402156
 No./ terminals 4, Bracket type Crimp
 HC-CARGO 230904.


231558 Solenoid Cap

Servicing: 0001107442, 0001107443,
 0001108157, 0001108196, 0001109025,
 0001109200, 0001109201, 2339304005,
 2339304009, B001111498
 No./ terminals 4, Bracket type Crimp
 HC-CARGO 137879.


231565 Solenoid Cap

Servicing: 0001218157, 0001223001,
 0001223014, 9330331001
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 137491.


231802 Solenoid Cap

Servicing: 0001106014, 0001107067,
 0001107076, 0001107078, 0001108166,
 0001108167, 0001108173, 0001115002,
 0001116001, 2339304007
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 139075.



Pkg. 5

231815 Solenoid Cap

Servicing: 0001107047, 2339304003
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 139019.


231825 Solenoid Cap

Servicing: 0001230002, 0001230006,
 0001230012, 0001230014, 0001231011,
 2339402132
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 230452.



231828 Solenoid Cap

Servicing: 0001107063, 0001108176, 0001108183, 0001109026, 2339304011
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 230115.



231882 Solenoid Cap

Servicing: 0001107077, 0001107098, 0001107408, 0001113006, 0001116005, 2339304022, 2339304024
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 230258, 232191.

Pkg. 5



232024 Solenoid Cap

Servicing: 0001369015, 0331402106, 0331402606
 No./ terminals 4, Bracket type Crimp
 HC-CARGO 138313.



232195 Solenoid Cap

Servicing: 0001231004, 0001231007, 0001231008, 0001231009, 0001231011, 0001231019, 0001231029, 0001231030, 2339402116, 2339402139
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 231711, 233582, 233852.



232416 Solenoid Cap

Servicing: 2339303212
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 137877.



232421 Solenoid Cap

Servicing: 0331303144, 0331303644
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 232420.



233075 Solenoid Cap

Servicing: 0001106018, 0001106019, 0001107037, 0001107048, 0001107072, 0001107096, 0001107403, 0001107406, 0001107429, 0001107437
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 230356.



233499 Solenoid Cap

Servicing: 6004AA0018, 9007045018
 No./ terminals 3, Bracket type Crimp



233925 Solenoid Cap

Servicing: 0001108197, 0001115005, 0001115015, 0001115020, 2339303267, 2339303335, B001115020
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 230635.



234437 Solenoid Cap

Servicing: 2339304020
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 230848.



234438 Solenoid Cap

Servicing: 0001106012, 0001106017, 0001106022, 0001106023, 0001106024, 2339304033, 2339304054, B001109104
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 232188.

Pkg. 5



234439 Solenoid Cap

Servicing: 2339304055
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 231203.


234845 Solenoid Cap

Servicing: 0001108162, 0001112041, 0001116003, 2339304008, F000SH0125, F000SH0131

No./ terminals 3, Bracket type Crimp
HC-CARGO 137612.


234917 Solenoid Cap

Servicing: 0001371006, 2339403006

No./ terminals 3, Bracket type Crimp
HC-CARGO 138311.


235005 Solenoid Cap

Servicing: 0001372002, 0001372003, 0001372007, 0001372008, 2339304009, B001860021, B001860023

No./ terminals 4, Bracket type Crimp
HC-CARGO 139965.


236646 Solenoid Cap

No./ terminals 3

Moving Contacts

Pkg. 5


131591 Contact Plate

Length 30.00, Thickness 2.00,
Width 15.00

Pkg. 5


131592 Contact Plate

Length 35.00, Thickness 4.00,
Width 18.00

Pkg. 5


131594 Moving Contact

Length 31.60, Shaft measurement 31.60,
Thickness 2.00, Width 15.00

Pkg. 5


131595 Moving Contact

Length 39.50, Shaft measurement 31.60,
Thickness 4.00, Width 18.00
Alternative no.: b131595

Pkg. 5


132275 Moving Contact

Shaft measurement 32.10, Thickness 3.90
Alternative no.: b132275

Pkg. 5


132276 Moving Contact

Servicing: 0001109305, 2339304033,
2339304054

Length 36.00, Shaft measurement 31.60,
Thickness 2.00, Width 15.00
Alternative no.: b132276

Pkg. 5


132277 Moving Contact

Shaft measurement 32.10, Thickness 2.50

Pkg. 5


132281 Moving Contact

Length 36.00, Shaft measurement 31.50,
Thickness 3.00, Width 15.00



Pkg. 5

133503 Contact Plate

Servicing: 0331402031, 0331402054, 0331402089

Length 39.50, Thickness 4.00, Width 18.00



136034 Contact Kit

Servicing: 0001231014, 0331402055

Length 39.20, Shaft measurement 52.80, Thickness 4.00, Width 17.70

Pkg. 5



231384 Moving Contact

Servicing: 0001371004, 0001371006, 0001372002, 0001372003, 0001372007, 0001372008, B001860021, B001860023

Shaft measurement 52.00, Thickness 5.00

Pkg. 5



231821 Moving Contact

Servicing: 0331402106, 2339402115, 2339402117

Length 42.50, Shaft measurement 42.50



Pkg. 5

233786 Moving Contact

Servicing: 2339304038, 2339305002

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

Shaft measurement 32.13, Thickness 3.93

Alternative no.: 132275



Pkg. 100

B132276 Moving Contact

Replacing: 132276

Servicing: 0001121019, 0001121024

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

Pkg. 10



133575 Fixed Contact
 Total length 36.00, Thread size M8
 Alternative no.: b133575

Pkg. 10



134141 Fixed Contact
 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 46.15,
 Length/ rear collar 42.00,
 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



234450 Fixed Contact
 Total length 46.00,
 Length/ rear collar 40.00,
 Thread length 36.45, Thread size M8



234452 Fixed Contact
 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

Pkg. 40



B133570 Fixed Contact
 Replacing: 133570
 Alternative no.: 133570

Pkg. 50



B133571 Fixed Contact
 Replacing: 133571
 Alternative no.: 133571

Pkg. 100



B133573 Fixed Contact
 Replacing: 133573
 Alternative no.: 133573

Pkg. 40



B133575 Fixed Contact
 Replacing: 133575
 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
 Replacing: 6033AD5273
 Servicing: 0001231040, 0001241012,
 0001241015, 0001241020, 0001261013,
 0001261023, 0001263003, 0001263004

Drives



130026 Drive
 Replacing: 2006209154, 1006209129
 Servicing: 0001157001, 0001157002,
 0001157003, 0001157004
 ID 12.02, OD 26.00,
 OD/ housing 47.00, Total length 72.00,
 Splines A 8, No./ teeth 9, Rotation CR



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: 1006209140, 1006209110,
 1006209105, 1006209071, 1006209056,
 1006209049, 1006209039, 1006209033
 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: 2006209273, 1006209439, 1006209402, 1006209080
 Servicing: 0001313003, 0001313004, 0001313005, 0001313006, 0001313007, 0001314002, 0001314005, B001313017, B001315038
 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.: 333516 , 130414z, 130414zz



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.: 333516 , 130414, 131414zz



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.: 333516 , 130414, 131414z



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, Shaft length 39.65, No./ teeth 11
Alternative no.: 333175 , 130418z



130418z Drive

Replacing: 2006382156, 2006382152, 2006382018

ID 10.00, OD 40.60, Total length 61.30, Shaft length 40.00, No./ teeth 11
Alternative no.: 333175 , 130418



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, Shaft length 40.30, 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, Shaft length 40.10, 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,
Shaft length 98.60, 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



131022 Drive

Replacing: 2006209338, 2006209248

Servicing: 0001362014, 0001362015

ID 14.30, OD 29.60, OD/ housing 60.30, Total length 77.00, Splines A 10, No./ teeth 9, Rotation CR



131065 Drive

Replacing: 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



131089 Drive

Replacing: 9001336231

ID 12.10, OD 25.40, OD/ housing 45.10, Total length 101.70, Splines A 5, No./ teeth 9, 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, f000a11040,
 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, f000a11040,
 9001081022, 1006209939, 1006209906,
 1006209709, 1006209707, 1006209705

 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,
 Shaft length 39.90, 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,
 Shaft length 40.00, 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, 2006209408

Servicing: 0001359053, 0001359056, 0001359060, 0001359063, 0001359070, 0001359075, 0001359076, 0001359085, 0001359096, 0001359098

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: 0001108173, 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, 1006209905, 1006209568, 1006209566, 1006209545, 1006209537, 1006209516

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, 1006209905, 1006209568, 1006209566, 1006209545, 1006209537, 1006209516

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: 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


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", Shaft length 19.00/0.748", 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



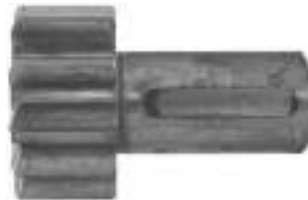
131773 Drive

Replacing: 2006382162
 Servicing: 0001410051, 0001410092, 0001410108, 0001410110, 0001411001, 0001411002, 0001411006, 0001411011, 0001411020, 0001411028
 ID 10.10, OD 45.00, Total length 61.00, Shaft length 40.25, No./ teeth 12



131774 Drive

Replacing: 2006383150
 Servicing: 0001410016, 0001410022, 0001410024, 0001410043, 0001410049, 0001410052, 0001410086, 0001413006, 0001413008, 0001414002
 ID 10.25, OD 34.50, Total length 61.00, Shaft length 39.90, No./ teeth 9 Bronze.



131775 Drive

Replacing: 2006383152
 Servicing: 0001410017, 0001410019, 0001410023, 0001410034, 0001410039, 0001410040, 0001410053, 0001410073, 0001413003, 0001413009
 ID 10.35, OD 41.00, Total length 61.00, Shaft length 40.00, 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



131996 Drive

Replacing: f000a1881, 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



131997 Drive


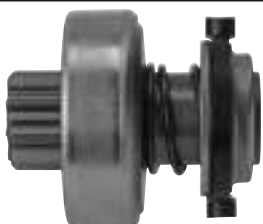
Replacing: 9003336284, 9003336201, 9002336207
 Servicing: 0001218002, 0001218015, 0001218022, 0001218106, 0001218129, 0001218602, B001233022, B001233035, B001233107, B001233163
 ID 11.95, OD 27.25, OD/ housing 54.25, Total length 62.00, Splines A 10, No./ teeth 10, Rotation CR


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.: 333506 , 131998z

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 

132079 Drive

Replacing: 9003336280, 9002336209, 6033ad0044, 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, 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: f000a11001, 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


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


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

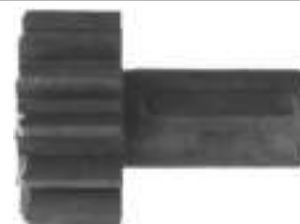
ID 12.00, OD 25.30,
OD/ housing 46.30, Total length 58.55,
Splines A 10, No./ teeth 9,
Drive type Steel, Rotation ACR
Alternative no.: 333174 , 132216


132273 Drive

Replacing: 9002453073, 9001083436, 9001083406, 2006209446, 2006209436, 2006209422, 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

Replacing: 2006382154

Servicing: 0001410026, 0001410035, 0001410094, 0001415007, 0001416004, 0001416064, 0001417010, 0001417057, B0001450120, B001411367

ID 10.00, OD 46.65, Total length 61.00,
Shaft length 40.40, No./ teeth 13


132345 Drive

Replacing: 2006209931, 2006209459, 2006209457, 2006209427

Servicing: 0001218105, 0001218128, 0001362312, 0001362316, 0001362319, 0001362321, 0001362331, 0001362332, 0001367037, 0001367075

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: 2006209215, 2006209095, 2006209086

Servicing: 0001354080, 0001354082, 0001354088, 0001354091, 0001354092, 0001354093, 0001354098, 0001354099, 0001354100, 0001354103

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

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, Shaft length 51.00, 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: 2006209474, 2006209463

Servicing: 0001362048, 0001362049, 0001362084, 0001362100, 0001362330, 0001369020, 9000143413, B001812193, B001812205, B001812242

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


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", Shaft length 19.00/0.748", 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 Drive

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: 1006209559, 1006209554,
 1006209549, 1006209534
 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 , 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



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


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, 1006209585

Servicing: 0001107007, 0001107008, 0001107020, 0001107021, 0001107052, 0001107053, 9000694029, B001110054, B001110099, B001110116

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


135086 Drive

Replacing: 1006209917, 1006209579

Servicing: 0001107003, 0001107004, 0001107022, 0001107023, B001110041, B001110100

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


135115 Drive

Replacing: 1006209547

Servicing: 0001107033, 0001107061, 0001108042, 0001108063, 0001108129, 0001111003, 0001111008, B001111090, B001111195, B001111220

ID 11.90, OD 30.00,
OD/ housing 47.00, Total length 58.50,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 333201 , 133362


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.: 333502 , 135116z


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,
 Shaft length 51.50, 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

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

Replacing: 9001084064, 2006382190
Servicing: 0001416061, 0001416065, 0001416077, 0001417061, 0001417062, 0001417063, 0001417065, 0001417067, 0001417075, 9000084007
 ID 10.15, OD 46.65, Total length 61.00,
 Shaft length 39.65, No./ teeth 12,
 Rotation CR


135861 Drive

Replacing: 2006383163
Servicing: 0001413005, 0001414001, 0001416045, 0001418011, B001450199
 ID 10.30, OD 39.80, Total length 61.00,
 Shaft length 40.00, 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 Drive

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



136614 Drive

Replacing: 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



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



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: 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, 0001402002, 0001402008, 0001402018, 0001402050, 0001402054, 0001402058
 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, 1006209690, 1006209677, 1006209672, 1006209638, 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, 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: 1006209944, 1006209777, 1006209715, 1006209706, 1006209696, 1006209692, 1006209633, 1006209624

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, 1006209660, 1006209634

Servicing: 0001107062, 0001108157, 0001108169, 0001108190, 0001108196, 0001108230, 0001108231, 0001109204, 0001115040, 0001115041

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



137890Z Drive

Replacing: 1006209946, 1006209759, 1006209643, 1006209636

ID 11.00, OD 25.30, OD/ housing 54.20, Total length 92.10, Splines A 16, No./ teeth 9, Drive type Steel, Rotation ACR

Alternative no.: 333181 , 137890



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

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
 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

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: 1006209762, 1006209641
 Servicing: 0001121001, 0001121002, 0001121003, 0001121030, 0001121031, 0001121032, 0001121033, 0001121034, 0001121035, 0001123001
 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: 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.: 333202 , 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.: 333202 , 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: 9002336219

Servicing: 9000331201, 9000331203

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: 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, 0001109253,
 0001109265, 0001109266
 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,
 Shaft length 39.85, 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.: 231009


231015 Drive

Replacing: 1006209931, 1006209590
 Servicing: 0001107011, 0001107039, B001110092
 ID 12.25, 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, 6033ad4019,
 6033AD3334, 6033ad0200, 6033ad0184
 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, Splines A 10,
 Total length 98.00, 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

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



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



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
 Replacing: 1006209947, 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
 Servicing: 0001108168
 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



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.: 333593 , 233836z


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

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
 Replacing: 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: 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


234405 Drive

Replacing: 6033ad0270
 Servicing: 0001223010
 ID 12.00, OD 35.00,
 OD/ housing 54.30, Total length 59.65,
 Splines A 16, 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

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

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: 1006209959, 1006209792, 1006209779
 Servicing: 0001108202, 0001108224,
 0001108234, 0001108235, 0001108239,
 0001108240, 0001109204, 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


234924# Drive

Replacing: 2006209460
 Servicing: 0001362317, 0001362318,
 B001812419, B001812424
 ID 14.35, OD 36.30,
 OD/ housing 60.20, Total length 91.00,
 Splines A 10, No./ teeth 9, Rotation CR


234945 Drive

Replacing: f000a12000, 1006209614
 Servicing: 6004AA0017, 9007045016
 ID 12.00, OD 26.00,
 OD/ housing 46.15, Total length 67.00,
 Splines A 10, No./ teeth 8, Rotation ACR


234946 Drive

Replacing: 1006209958, 1006209814, 1006209805
 Servicing: 0001107411, 0001107423,
 0001107425, 0001107426, 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



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



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

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,
 f000a10106
 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

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

Replacing: 6033AD3110
 Servicing: 0001230018, 0001230020, 0001230021, 0001230022, 0001230025, 0001230026
 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 54.25,
 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

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


236641 Drive

Replacing: 1006210154, 1006209952
 Servicing: 0001107092, 0001107093
 ID 12.00, OD 27.00,
 OD/ housing 47.00, Total length 49.10,
 Splines A 10, No./ teeth 8


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

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



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



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



239967 Drive

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



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



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, 1006209824
 Servicing: 0001109205, 0001109304, 0001109305, 0001109324, 0001109325, 0001109328, 0001109329, 0001109387, 0001109388, 0001109391
 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.: 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
 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



331683 Drive

Manufacturer: Bosch
 Replacing: 6033ad4232, 6033AD4052, 6033ad0467, 6033AD0304, 6033ad0242
 Servicing: 0001231007, 0001231014, 0001231019
 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



333094 5★ 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



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,
 1006209905, 1006209568, 1006209566,
 1006209545, 1006209537, 1006209516
 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,
 Shaft length 40.10, No./ teeth 9,
 Rotation CR
 Alternative no.: 130419, 130419ZZ



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: 2006382156, 2006382152,
 2006382018
 Servicing: 0001410037, 0001410044,
 0001410046, 0001410053, 0001410063,
 0001410098, 0001410111, 0001410115,
 0001410116, 0001411005
 ID 10.15, OD 41.00, Total length 61.00,
 Shaft length 39.65, 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, 0001123016, 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, 6033ad4019, 6033AD3334, 6033ad0200, 6033ad0184

Servicing: 0001231009, 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,
 0001109325
 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



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: 1006209944, 1006209777,
 1006209715, 1006209706, 1006209696,
 1006209692, 1006209633, 1006209624
 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, 0001108196,
 0001108230, 0001108231, 0001109204,
 0001109341, 0001138001, 0001138002
 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, 6033AD3111, 6033ad3108, 6033ad3006
 Servicing: 0001230006, 0001230012, 0001230014, 0001231002, 0001231003, 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, 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



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



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



333225 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209465
 ID 14.35, OD 35.50, OD/ housing 60.00,
 Total length 74.00, Splines A 10,
 No./ teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 133596



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



333231 5★ Drive
 Manufacturer: Bosch
 Replacing: 9001082669, 9001082362,
 9001042021, 2006209162, 1006209431,
 1006209424, 1006209162
 Servicing: 0001208411, 0001208412,
 0001208414, 0001208416, 0001208417,
 0001208418, 0001208419, 0001211223,
 0001211224, 0001211255
 ID 11.00, OD 25.80,
 OD/ housing 46.10, Total length 63.00,
 Splines A 11, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Alternative no.: 130404



333232 5★ 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



333233 5★ 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



333234 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209981
 Servicing: 0001107423, 0001107424,
 0001107527, 0001107528
 ID 10.00, OD 45.30, Total length 48.30,
 No./ teeth 9, Drive type Steel, Rotation ACR
 Alternative no.: 239777



333235 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210141
 Servicing: 0001107003
 ID 12.00, OD 28.80, OD/ housing 47.40,
 Total length 76.80, No./ teeth 10,
 Drive type Steel, Rotation CR



333236 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210163
 ID 12.00, OD 54.00, OD/ housing 54.00,
 Total length 62.00, No./ teeth 10,
 Drive type Steel, Rotation ACR



333237 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD3338
 Servicing: 0001231009
 ID 14.00, OD 39.00,
 OD/ housing 62.00, Total length 83.00,
 No./ teeth 10, Drive type Steel,
 Rotation CR



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



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



333355 Drive
 Replacing: 1006209864, 1006209834
 Servicing: 0001115078, 0001115079
 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



333396 Drive
 Replacing: 1006210149, 1006209964,
 1006209818
 Servicing: 0001109300, 0001109301,
 0001109302, 0001109303, 0001109306,
 0001109307, 0001109313, 0001109321,
 0001109332, 0001109333
 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



333489 5★ 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



333500 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD4243, 6033ad0129
 Servicing: 0001231004
 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



333501 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD3078
 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



333502 5★ 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



333504 5★ 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



333505 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD4240
 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



333506 5★ 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 53.50, Total length 62.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 131998



333508 5★ 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



333509 5★ 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



333510 5★ 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



333511 5★ Drive
 Manufacturer: Bosch
 Replacing: 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 54.50, 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, 0001362029, 0001362030, 0001362038, 0001362047, 0001362069, 0001362070, 0001362077, 0001362078

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

NEW PRODUCT
www.hc-cargo.com

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: 1006209650

Servicing: 0001109029

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,
Shaft length 40.40, No./ teeth 11,
Drive type Steel, Rotation CR/ACR
Alternative no.: 131107



333542 5★ Drive

Manufacturer: Bosch

Replacing: 1006209820, 1006209810,
1006209794

Servicing: 0001107438, 0001107439

ID 11.00, OD 26.75,
OD/ housing 45.46, Total length 48.68,
Splines A 10, No./ teeth 8, Rotation CR
Alternative no.: 235290



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

NEW PRODUCT
www.hc-cargo.com

333548 5★ Drive

Manufacturer: Bosch

Replacing: 1006210152, 1006209908, 1006209569, 1006209560

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



333551 5★ Drive

Manufacturer: Bosch

Replacing: 1006209806

Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120409

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



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

333564 5★ Drive

Manufacturer: Bosch

Replacing: 1006209943, 1006209681

Servicing: 0001125016, 0001125017, 0001125018, 0001125019, 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



333571 5★ Drive

Manufacturer: Bosch

Replacing: 1006209987

Servicing: 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



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



333579 5★ Drive

Manufacturer: Bosch

Replacing: 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: 0001115047, 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: f00m145230, 6033AD3106

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 Drive
 Manufacturer: Bosch
 Replacing: 2006209427
 ID 14.20, OD 32.16,
 OD/ housing 59.80, Total length 91.10,
 Splines A 10, No./ teeth 10, Rotation CR

Drive Parts

Caps



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. 25



134250 Dp Cap
 Servicing: 1006209570
 ID 46.10, OD 47.20

Pkg. 100



134251 Dp Cap
 ID 55.63, OD 57.00

Pkg. 50



134257 Dp Cap
 ID 50.17, OD 51.90

Pkg. 50



134258 Dp Cap
 ID 52.20, OD 54.20

Pkg. 10



134261 Dp Cap
 ID 56.13, OD 58.50

Pkg. 10



139299 Dp Cap
 ID 46.15, OD 47.50

Pkg. 50

Gaskets

Pkg. 10



231201 Gasket
 ID 27.85, OD 49.35, Thickness 3.85,
 Material Rubber

Gears

Pkg. 10



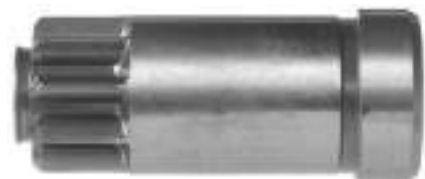
134161[#] Dp Gear
 ID 12.00, OD 25.30, Height 28.70,
 No./ teeth 9

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



134178# Dp Gear
ID 12.00, OD 25.20, Height 34.00,
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



134189# Dp Gear
ID 14.00, OD 47.00, Height 36.80,
No./ teeth 12

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. 10



134199 Dp Gear
ID 11.00, OD 25.55, Height 25.00,
No./ teeth 9

Pkg. 10



134200 Dp Gear
ID 11.00, OD 25.15, Height 27.00,
No./ teeth 9

Pkg. 10



134201# Dp Gear
ID 12.00, OD 25.00, Height 33.70,
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



Pkg. 10

134239 Dp Gear
ID 11.00, OD 25.15, Height 26.80,
No./ teeth 9

Rollers

Pkg. 1000



134214 Dp Rollers
OD 7.00, Length 9.00

Pkg. 500



134216 Dp Rollers
OD 7.00, Length 13.90

Pkg. 2000



134241 Dp Rollers
Replacing: 1003200018
Servicing: 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

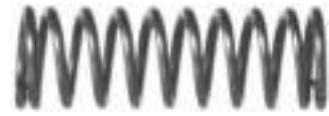
Pkg. 1000



333362 Roller
OD 5.00, Length 9.75

Springs

Pkg. 2000



134279 Dp Springs
Replacing: 1004611018
Servicing: 1006209570
OD 4.35, Length 12.65

Pkg. 250



134280 Dp Springs
OD 5.00, Length 17.00

Pkg. 100



239699# Spring
OD 4.15, Length 20.25

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
ID 32.55, OD 56.75, Thickness 0.75,
Material Nylon

Pkg. 24



134924 Spring/roller retainer
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

Pinion



235194 Pinion
Servicing: 0001124020, 0001124021,
0001125053, 0001125054, 0001125600,
0001125601
ID 11.20, OD 29.00, Height 14.50,
No./ teeth 9



237769 Pinion
Replacing: 6033ac5246, 6033AC5149
Servicing: 0001241001, 0001241003,
0001241004, 0001241005, 0001241006,
0001241007, 0001241009, 0001241014,
0001241015, 0001241019
ID 25.60, OD 45.10, Height 22.70,
Splines 19, No./ teeth 12

Washers

Pkg. 10



134143 Lever Support
ID 36.00, OD 48.85, Thickness 4.00,
Material Plastic

Pkg. 25



134159# Washer
ID 25.85, OD 36.45, Thickness 1.00,
Material Fiber

Pkg. 100



134223 DP Washer
Replacing: 1000103005
Servicing: 1006209570
ID 12.35, OD 19.65, Thickness 2.00,
Material Steel

Pkg. 5



134228# DP Washer
ID 23.10, OD 36.70, Thickness 0.50,
Material Steel

Pkg. 10



134229# DP Washer
ID 25.75, OD 38.50, Thickness 1.60,
Material Steel

Pkg. 10



134230 DP Washer
Servicing: 1006209570
ID 26.85, OD 45.25, Thickness 1.00,
Material Steel



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

134759# DP Washer
ID 28.85, OD 60.35, Thickness 3.20



Pkg. 100

134764 Fiber Washer
Replacing: 1000207006
Servicing: 00010DB98E, 0001106011,
0001106012, 0001106014, 0001106015,
0001106016, 0001106017, 0001106018,
0001106019, 0001106022
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



Pkg. 10

235417 Spring/roller retainer
Servicing: 1006209796, 1006209801,
1006209804, 1006209805, 1006209806,
1006209807, 1006209809, 1006209813,
1006209814, 1006209958



331021 Dust Cover Kit
ID/ housing 8.00,
OD/ housing 11.50, Thickness 1.50,
Material Steel

Various



230091 Dust Cover Kit
Servicing: 0001121018, 0001121019,
0001121024, 0001121025, 0001123036,
0001123037
For 10 teeth drives.



230338 Dust Cover Kit
For 9 teeth drives.

Pkg. 10



231875# Dp Pin
Servicing: 2006202011
OD 4.82, Length 10.50

Pkg. 3



231876 Fly Weight

Dp Caps

Pkg. 100


230320 Dp Cap

ID 46.60, OD 48.55

Pkg. 25


230387 Dp Cap

ID 58.00, OD 59.75

Planet Gears

131989 Planet Gear

 Replacing: 9001337069, 9001140391
 Servicing: 0001218003, 0001218020,
 0001218178, B001233054, B001233091,
 B001233158

 Shaft dia./ middle 11.90,
 Total length 155.90, 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, Splines 10

131991 Planet Gear

 Replacing: 1006200050
 Servicing: 0001218006, 0001218016,
 0001218021, 0001218029, 0001218108,
 0001218160, 0001219001, 0001219007,
 0001219009, 0001219013

 Shaft dia./ middle 11.90,
 Total length 143.55, Splines 10,
 Rotation CR

133195 Planet Gear

Replacing: 9003336285, 9001337067

Servicing: 9000331406, 9000331411

 Shaft dia./ middle 12.00,
 Total length 131.45, Splines 10

133456 Planet Gear

 Replacing: 1006200187, 1006200006
 Servicing: 0001110004, 0001110007,
 0001110008, 0001110011, 0001110012,
 0001110013, 0001110019, 0001110022,
 0001110023, 0001110027

 Shaft dia./ middle 11.90,
 Total length 136.60, Splines 10

133457 Planet Gear

 Replacing: 1006200015
 Servicing: 0001109009, 0001110003,
 0001110005, 0001110024, 0001110025,
 0001110042, 0001110055, 0001110082,
 0001110092, 0001110102

 Shaft dia./ middle 11.90,
 Total length 136.50, 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,
 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, 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, 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, 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, Splines 10



135068 Planet Gear

Replacing: 1006200910, 1006200130, 1006200037
 Servicing: 0001107003, 0001107004, 0001107022, 0001107023, B001110041, B001110100
 Shaft dia./ middle 11.90, Total length 148.20,
 Splines 10, Rotation ACR



135069 Planet Gear

Replacing: 1006200900, 1006200014
 Servicing: 0001108021, 0001108121, 0001108147, B001111069
 Shaft dia./ middle 11.90,
 Total length 138.40, 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, 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, Splines 10



135073 Planet Gear

Replacing: 9003336296, 9001337057
 Servicing: 0001218101, 0001218111, 0001218112, 0001218130, 0001218132, 0001218134, 0001218135, 0001218136, 0001218142, 0001218157
 Shaft dia./ middle 11.93,
 Total length 144.80, 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, Splines 10



135075 Planet Gear

Replacing: 9003336267, 9001337075
 Servicing: 9000331421, 9000331424, 9000331428, 9000331430
 Shaft dia./ middle 11.90,
 Total length 134.20, Splines 10



135161 Planet Gear

Replacing: 1006200040
 Servicing: 0001109001, 0001109002, 0001109006, 0001109007, B001116001
 Shaft dia./ middle 11.90,
 Total length 128.00, Splines 10



135471 Planet Gear

Replacing: 1006200103, 1006200058
 Servicing: 0001107017, 0001107018, 0001107044, 0001107045, B001110043, B001110081
 Shaft dia./ middle 11.90,
 Total length 124.55, Splines 10



135598 Planet Gear

Replacing: 1006200183, 1006200012
 Servicing: 0001110009, 0001110010, 0001110031, 0001110032, 0001110061, 0001110062, B001117030, B001117068, B001117071, B001117140
 Shaft dia./ middle 11.90,
 Total length 160.95, 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, Splines 10


135601 Planet Gear

Replacing: f000a10128, 1006200128, 1006200043
 Servicing: 0001107007, 0001107008, 0001107020, 0001107021, 0001107052, 0001107053, 9000694029, B001110054, B001110099, B001110116
 Shaft dia./ middle 11.90, Total length 124.35,
 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,
 Splines 10, Rotation ACR


136788 Planet Gear

Replacing: 9001337087
 Servicing: 0001218162, 0001218165
 Shaft dia./ middle 11.90,
 Total length 135.10, Splines 10


136789# Planet Gear

Replacing: 1007010103, 1006200135, 1006200068
 Servicing: 0001108130, 0001108133, 0001108138, 0001108210, 0001110017, 0001110026, 0001110079, 0001110089, 0001110095, B001111399
 Shaft dia./ middle 11.80, Total length 125.55,
 Splines 10, Rotation ACR


136855 Planet Gear

Replacing: 1006200088
 Servicing: 0001123003, 0001124001, 0001124002, 0001124003, 0001124004, 0001124005, 0001124006, 0001124013, 0001124014, B001127016
 Shaft dia./ middle 14.15, Total length 116.45,
 Splines 16, Rotation ACR


137225 Planet Gear

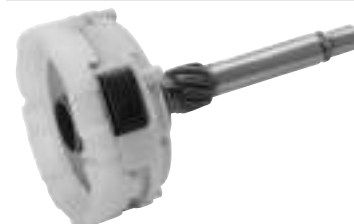
Replacing: 1006200034
 Servicing: 0001110059, 0001110073, 0001110081, B001117272, B001117274
 Shaft dia./ middle 11.90,
 Total length 180.75, Splines 10,
 Rotation ACR


137328 Planet Gear

Replacing: 1006200127, 1006200069
 Servicing: 0001107025, 0001107026, 0001107103, 0001107104, B001110114
 Shaft dia./ middle 11.90,
 Total length 139.70, Splines 10


137383 Planet Gear

Replacing: 9001337073
 Servicing: 0001218116, 0001218117, B001233180
 Shaft dia./ middle 11.90,
 Total length 167.90, 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, Splines 10


137464 Planet Gear

Replacing: 1006200117
 Servicing: 0001125001, 0001125002, 0001125005, 0001125006, 0001125007, 0001125008, 0001125009, 0001125010, 0001125012, 0001125013
 Shaft dia./ middle 14.00,
 Total length 109.65, Splines 16,
 Rotation ACR


137465 Planet Gear

Replacing: 1006200122
 Servicing: 0001125011
 Shaft dia./ middle 14.10,
 Total length 117.10, 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, Splines 10



137624 Planet Gear

Replacing: 9001337085
 Servicing: 9000331201, 9000331203
 Shaft dia./ middle 11.92,
 Total length 141.65, Splines 10



137754[#] Planet Gear

Replacing: 1006200133, 1006200070
 Servicing: 0001107027, 0001107028, 0001107029, 0001107041, B001110133
 Shaft dia./ middle 11.90,
 Total length 127.95, 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, Splines 10



137783[#] Planet Gear

Replacing: 1006200032, 1006200007
 Servicing: 0001108013, 0001108032, 0001108045, 0001108046, 0001108066, 0001108070, 0001108105, B001111031, B001111105, B001111145
 Shaft dia./ middle 10.90,
 Total length 131.90, Splines 10



137884 Planet Gear

Replacing: 1006200101
 Servicing: 0001109015, 0001109052, 0001109055, 0001109062, 0001109068, 0001109202, 0001109203
 Shaft dia./ middle 11.90,
 Total length 129.25, Splines 10



137885 Planet Gear

Replacing: 1006200114
 Servicing: 0001107054, 0001107055, 0001107067, 0001107068, 0001107069, 0001107073, 0001107074, 0001107076
 Shaft dia./ middle 11.95,
 Total length 121.20, 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 120.30,
 Splines 16, Rotation ACR



137887 Planet Gear

Replacing: 1006200125
 Servicing: 0001107059, 0001107082, F005M00006, F005M00013
 Shaft dia./ middle 11.90,
 Total length 113.30, Splines 10



137920 Planet Gear

Replacing: 1006200098, 1006200059
 Servicing: 0001108123, 0001108134, 0001108160, 0001108995, 9007046007, 9007046009, B001111412
 Shaft dia./ middle 10.90,
 Total length 125.45, Splines 10



137921 Planet Gear

Replacing: 1006200145, 1006200087
 Servicing: 0001107037, 0001107048, 0001108157, 0001108169, 0001108190, 0001108196, B001111498
 Shaft dia./ middle 11.92,
 Total length 120.71, Splines 10,
 Rotation CR



138232 Planet Gear

Replacing: 1006200083
 Servicing: 0001107031, 0001107032, 0001107049, 6004AA0018, 9007045009, 9007045018, 9007045020
 Shaft dia./ middle 10.85,
 Total length 117.70, Splines 10


138253 Planet Gear

Replacing: 1006200064
 Servicing: 0001107024, B001110080
 Shaft dia./ middle 11.90,
 Total length 123.85, Splines 10


138325 Planet Gear

Replacing: 1006200099, 1006200096
 Servicing: 0001109014, 0001109018,
 0001109025, 0001109026, 0001109028,
 0001109030, 0001109031, 0001109033,
 0001109036, 0001109041
 Shaft dia./ middle 11.90,
 Total length 125.15, Splines 10


138862# Planet Gear

Replacing: 1006200132, 1006200057
 Servicing: 0001107014, 0001107016,
 B001110071, B001110078, F004A94009
 Shaft dia./ middle 11.90,
 Total length 132.80, Splines 10


138916 Planet Gear

Replacing: 1006200153, 1006200148,
 1006200072
 Servicing: 0001106011, 0001106015,
 0001106019, 0001107030, 0001107075,
 0001107077, 0001107079, 0001107088,
 0001107089, 0001107092
 Shaft dia./ middle 11.90,
 Total length 110.75, Splines 10


138917# Planet Gear

Replacing: 1006200060
 Servicing: 0001107019, B001110044
 Shaft dia./ middle 11.90,
 Total length 118.15, Splines 10


138918 Planet Gear

Replacing: 1006200062
 Servicing: 0001107010, 0001107038,
 B001110093
 Shaft dia./ middle 11.90,
 Total length 109.15, Splines 10


138919 Planet Gear

Replacing: 1006200180, 1006200160,
 1006200063
 Servicing: 0001106016, 0001107011,
 0001107039, 0001107080, 9007045016,
 B001110092
 Shaft dia./ middle 11.90,
 Total length 129.75, Splines 10,
 Rotation ACR


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, Splines 10,
 Rotation ACR


139012# Planet Gear

Replacing: 1006200097, 1006200067
 Servicing: 0001108135, B001111415,
 F002G20592
 Shaft dia./ middle 10.90,
 Total length 139.35, Splines 10


139021 Planet Gear

Replacing: 1006200093
 Servicing: 0001107047
 Shaft dia./ middle 11.90,
 Total length 114.65, Splines 10


139509 Planet Gear

Replacing: 9001337094
 Servicing: 0001218172, 0001218772
 Shaft dia./ middle 11.90,
 Total length 135.70, Splines 10


139969 Planet Gear

Replacing: 1006200201, 1006200195,
 1006200095
 Servicing: 0001106014, 0001107043,
 0001107063, 0001107066, 0001107087,
 0001107091, 0001107097, 0001107109,
 0001107110, 0001107111
 Shaft dia./ middle 11.90,
 Total length 110.55, Splines 10



139976 Planet Gear

Replacing: 9001337098, 9001337097, 9001337091, 7001337097, 7001337091

Servicing: 0001218166, 0001218173, 0001218766

Shaft dia./ middle 11.90,
Total length 135.55, Splines 11



230158 Planet Gear

Replacing: 1006200027

Servicing: 0001109011, 0001109012, 0001110033, B001117229

Shaft dia./ middle 11.90,
Total length 136.65, Splines 10



230167# Planet Gear

Replacing: 1106200047, 1006200047

Servicing: 0001108115, 0001108145, B001111362

Shaft dia./ middle 11.90,
Total length 138.35, Splines 10



230551# Planet Gear

Replacing: 1006200082

Servicing: 0001108153

Shaft dia./ middle 11.90,
Total length 134.00, Splines 10

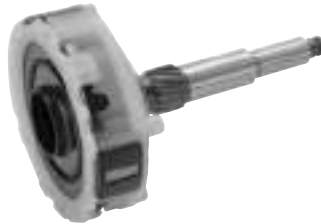


230698# Planet Gear

Replacing: 1006200138

Servicing: 0001108171

Shaft dia./ middle 11.90,
Total length 114.90, 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, Splines 16,
No./ teeth 38
Gear wheel: HC-CARGO 134066.



230832# Planet Gear

Replacing: 1006200036

Servicing: 0001108094, 0001108095, 0001108127, B001111169

Shaft dia./ middle 11.90,
Total length 129.30, Splines 10



230833 Planet Gear

Replacing: 1006200155

Servicing: 0001108180, 0001108182, 0001108186

Shaft dia./ middle 11.90,
Total length 125.25, Splines 10



230912 Planet Gear

Replacing: 1006200206, 1006200161

Servicing: 0001106012, 0001106017, 0001106022, 0001106023, 0001106024, B001109104

Shaft dia./ middle 11.90, Total length 118.00,
Splines 11, Rotation CR



231083 Planet Gear

Replacing: 9001336244, 6033ad3310

Servicing: 0001230001, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010, 0001230011

Shaft dia./ middle 14.10,
Total length 180.25, Splines 10

Alternative no.: 333594



231202 Planet Gear

Replacing: 1006200137

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

Shaft dia./ middle 10.90, Total length 114.15,
Splines 16, Rotation ACR



231900# Planet Gear

Replacing: 1006200105

Servicing: 0001115001, 0001115002, 0001115007, 0001115012, 0001115015, 0001115024

Shaft dia./ middle 11.90,
Total length 125.60, Splines 10


233580 Planet Gear

Replacing: 1006200141
 Servicing: 0001107062, 0001107083
 Shaft dia./ middle 11.90,
 Total length 119.20, Splines 10


233907 Planet Gear

Replacing: 1006200074
 Servicing: 0001107033, 0001107061
 Shaft dia./ middle 11.90,
 Total length 132.55, Splines 10


234085 Planet Gear

Replacing: 1006200136
 Servicing: 0001109034, 0001109063
 Shaft dia./ middle 11.90,
 Total length 121.30, Splines 10


234142 Planet Gear

Replacing: 1006200185
 Servicing: 0001124020, 0001124021
 Shaft dia./ middle 14.15,
 Total length 125.20, Splines 16


234156 Planet Gear

Replacing: 1006200150
 Servicing: 0001109021, 0001109022,
 0001109066, 0001109067, B001116092
 Shaft dia./ middle 11.90,
 Total length 134.35, Splines 10


234239 Planet Gear

Replacing: 1006200120
 Servicing: 0001108167, 0001115008,
 0001115016, 0001115017, 0001115020,
 0001115021, 0001115025, 0001115031,
 0001115032, 0001115039
 Shaft dia./ middle 12.00,
 Total length 120.10, Splines 10


234240 Planet Gear

Replacing: 1006200142
 Servicing: 0001108197, 0001115005,
 0001115006, 0001115009, B001115020
 Shaft dia./ middle 11.90,
 Total length 139.90, Splines 16


234323 Planet Gear w/ Drive

Servicing: 0001230001, 0001230006,
 0001231002, 0001231005
 Total length 172.00, No./ teeth 9


234368 Planet Gear

Replacing: 1006200108
 Servicing: 0001121001, 0001121002,
 0001121030, 0001121031, 0001121032,
 0001121033, 0001121034, 0001121035
 Shaft dia./ middle 10.90,
 Total length 112.90, Splines 16


234375 Planet Gear

Replacing: 6033ad0063
 Servicing: 0001223002, 0001223003,
 0001223007, 0001223016, 0001223021,
 0001223024
 Shaft dia./ middle 11.85,
 Total length 142.00, Splines 16


234396 Planet Gear

Replacing: 6033ad0053
 Servicing: 0001223001, 0001223008,
 0001223009, 0001223010, 0001223013,
 0001223014, 0001223022
 Shaft dia./ middle 11.90,
 Total length 137.25, Splines 16


234502# Planet Gear

Replacing: 1006200044
 Servicing: 0001109003, 0001109008,
 B001116006, B001116015
 Shaft dia./ middle 12.00,
 Total length 152.75, Splines 10



234503 Planet Gear

Replacing: 1006200166
 Servicing: 0001125016, 0001125017, 0001125018, 0001125019, 0001125046, 0001125047, 0001125048, 0001125049, 0001125605, 0001125606
 Shaft dia./ middle 14.00, Total length 140.00, Splines 16, Rotation ACR



235025 Planet Gear

Replacing: 1006200972, 1006200309, 1006200307, 1006200306, 1006200304, 1006200303
 Servicing: 0001107401, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107408, 0001107410, 0001107411, 0001107417
 Shaft dia./ middle 11.00, Total length 109.70, Splines 16, Rotation CR



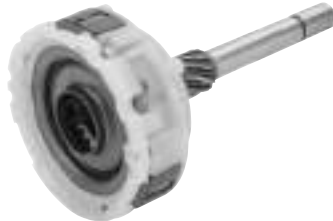
235399 Planet Gear

Replacing: 1006200310, 1006200302, 1006200301
 Servicing: 0001107401, 0001107402, 0001107403, 0001107406, 0001107407, 0001107408, 0001107409, 0001107410, 0001107417, 0001107418
 Shaft dia./ middle 10.95, Total length 110.00, Splines 16, Rotation CR



235579 Planet Gear

Replacing: 1006200178
 Servicing: 0001109045, 0001109201, 0001109250, 0001110132, F000AL0115, F002G20795



235704 Planet Gear

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, Splines 10, Rotation CR



235866 Planet Gear

Replacing: 1006200154
 Servicing: 0001109035
 Shaft dia./ middle 11.92, Total length 116.80, Splines 10, No./ teeth 13, Rotation CR

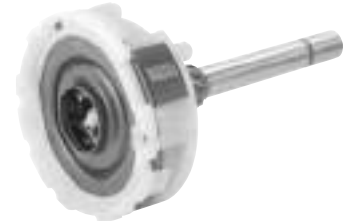


236813 Planet Gear

Replacing: 1006200157
 Servicing: 0001107078
 Shaft dia./ middle 11.93, Total length 111.00, Splines 10, Rotation CR

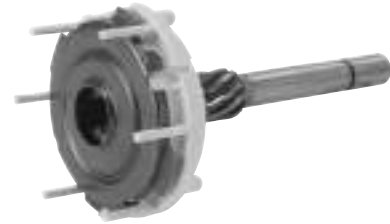
239780 Planet Gear

Replacing: 1007010128, 1006200319
 Servicing: 0001107433, 0001107434, 0001107438, 0001107439, 0001107440, 0001107441, 0001107448, 0001107449, 0001107456, 0001107476
 Shaft dia./middle 10.97, Total length 109.11, Splines 10, Rotation CR



332236 Planet Gear

Replacing: 1006200214
 Servicing: 0001109258, 0001109259, 0001109260, 0001109261
 Shaft dia./ middle 11.90, Total length 135.50, Splines 10, No./ teeth 37, Rotation CR



333350 Planet Gear

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

Replacing: 6033AD5359
 Servicing: 0001241001, 0001241008, 0001241012, 0001241024, 0001241119, 0001261003, 0001261004, 0001261005, 0001261006, 0001261013
 Total length 137.60, Splines 14, No./ teeth 41, Rotation CR



333464 Planet Gear

Replacing: 1006200342
 Servicing: 0001109306, 0001109307, 0001109321, 0001109322, 0001109342, 0001109343, 0001109365, 0001109366, 0001109375, 0001109376
 Shaft dia./ middle 11.98, Total length 132.00, Splines 10


333550 5★ Planet Gear

Manufacturer: Bosch

Replacing: 1006200316

Servicing: 0001107429, 0001107431, 0001107432, 0001107437, F002G20485, F002G20917, F002G70069

 Shaft dia./ middle 10.91,
 Total length 109.44, Splines 10,
 No./ teeth 16, Rotation CR
 Alternative no.: 236833

333594 5★ Planet Gear

Manufacturer: Bosch

Replacing: 9001336244, 6033ad3310

Servicing: 0001230004, 0001230005, 0001230006, 0001230007, 0001230009, 0001230013, 0001230027, 0001230030, 0001231009, 0001231012

 Shaft dia./ middle 14.10,
 Total length 180.50, Splines 10,
 No./ teeth 13
 Alternative no.: 231083

Gear Parts
Outer Gear

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

Pkg. 5


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

Pkg. 5


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

137812 Outer Gear

 ID 46.90, OD 70.00, Height 17.50,
 No./ teeth 37

Pkg. 5


138991 Outer Gear

Replacing: 138991, 1005821321

Servicing: 0001107077, 1006200062, 1006200063, 1006200072

 ID 44.65, OD 70.00, Height 16.50,
 No./ teeth 36

Pkg. 5


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



Pkg. 5

235105 Outer Gear

Servicing: 1006200138, 1006200162
ID 46.50, OD 70.00, Height 24.00,
No./ teeth 37

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

ID 17.90, OD 70.00, Height 25.00



Pkg. 5

139143 Gear Cover

Replacing: 139143, 1005821333

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.



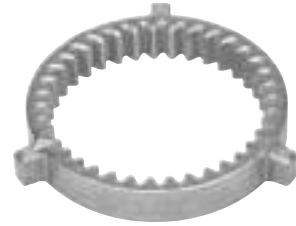
134035 Gear Wheel Kit

Servicing: 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, Splines 12,
Rotation CR/ACR
Alternative no.: b134066



134516 Gear Wheel

Servicing: 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
Alternative no.: b134875

Pkg. 10

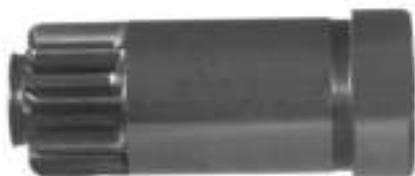


134970 Dp Gear

ID 12.00, OD 25.00, Height 24.95,
No./ teeth 9



135080 Gear Wheel
ID 52.23, OD 62.00, Height 13.50,
No./ teeth 42



136679 Gear Wheel
ID 12.70, OD 25.15, Height 65.70,
No./ teeth 9



138989 Gear Wheel
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
ID 5.00, OD 18.00, Height 9.50,
No./ teeth 12
Alternative no.: b139572



139803 Dp Gear
ID 14.20, OD 25.20, Height 68.70,
No./ teeth 9



234919 Gear Wheel
Servicing: 1006200101
ID 46.40, OD 62.30, Height 13.30,
No./ teeth 37



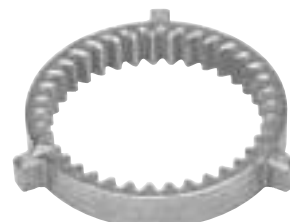
234925 Gear Wheel
Servicing: 6033ac5060, 9001336244
ID 61.50, OD 76.00, Height 16.50,
No./ teeth 41



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
Replacing: 134035
Alternative no.: 134035



B134516 Gear Wheel
Replacing: 134516
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



133469 Gear Plate
Servicing: 0001109021, 0001109022,
0001109040, 0001109258, 0001109259,
0001110016, 0001110017, 0001110028,
0001110029, 0001110030
ID 25.50, OD 74.00

Pkg. 100

Pkg. 3

Pkg. 5

Pkg. 5

Pkg. 10

Pkg. 5

Pkg. 10



133475 Gear Plate

Replacing: 1000520035
 Servicing: 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

Servicing: 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: 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

Servicing: 0001230006, 0001230012,
 0001230014, 0001231002, 0001231003,
 0001231004, 0001231008, 0001231009,
 0001231011, 0001231013
 Length 19.00, Thickness 30.00

Pkg. 10



234887 Rubber Seal

Servicing: 1006200017, 1006200209,
 1006200903
 Height 20.00 mm. Length 12.00 mm.

Rivets

Pkg. 10



134067 Rivet

Servicing: 1006200005, 1006200018,
 1006200903
 OD 6.00, OD/ collar 12.50, Length 18.50,
 Height/ collar 2.00, Collar w/

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

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, 0001109258, 0001109259, 0001110003, 0001110016, 0001110017

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

Pkg. 5


231382 Gear Ring

Servicing: 0001107031, 0001107037, 0001107048, 0001107049, 0001107070, 0001107071, 0001107072, 0001108157, 0001108169, 0001108190

ID 50.30, OD 69.80

Pkg. 10


231833 Gear Ring

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 0.90, Material Fiber

Pkg. 10



235074 Fiber Washer

Servicing: 0001218172, 0001223001, 0001223002, 0001223003, 0001223005, 0001223007, 0001223013, 0001223014, 0001223024

ID 18.00, OD 33.00, Thickness 0.80, Material Fiber

Pkg. 10



235299 Washer

Replacing: 1000101032

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106019, 0001106022, 0001106023, 0001106024

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, 0001106001, 0001106002, 0001106004, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017

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

Replacing: 1001933101

Servicing: 0001208501, 0001208508, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517, 0001208518, 0001208519

Dist. 40.35, Length 92.70



136242 Lever

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

Replacing: 2001933149, 2001933148

Servicing: 0001358049, 0001359008, 0001359014, 0001359016, 0001359020, 0001359023, 0001359025, 0001359027, 0001359030, 0001359032

Dist. 37.60, ID 8.20, Length 101.20



137880# Lever

Replacing: 1001933095, 1001933094

Servicing: 0001157024, 0001157025, 0001157026, 0001157028, 0001157029, 0001157030, 9000141116, 9000334102, 9000334103, 9000334104



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

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

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


234890 Lever

Servicing: 0001107030, 0001107075, 0001107079, 0001109034, 0001110132, 0001123036, 0001123037, F000AL0319
Lever w/ support.


333408 Lever

Replacing: 2007010150
 Servicing: 0001260004, 0001260025, 0001260026, 0001261001, 0001261002, 0001261003, 0001261004, 0001261005, 0001261006, 0001261013
 Dist. 47.00, Length 98.50


333537 Lever

Manufacturer: Bosch
 Replacing: 1001933111, 1001933110, 1001933108, 1001933106
 Servicing: 0001106011, 0001106014, 0001106016, 0001106019, 0001106023, 0001106024, 0001107003, 0001107004, 0001107005, 0001107006
 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. 100


134224 Lever Support

ID 27.50, OD 40.20, Thickness 4.20, Material Plastic

Pkg. 10


134616 Lever Support

Replacing: 1000113009
 Servicing: 1006209570

Pkg. 10


135783 Pivot Pin

Replacing: 2003410018, 2003410016
 Servicing: 0001357002, 0001357003, 0001358020, 0001358040, 0001358047, 0001358051, 0001358200, 0001358201, 0001358202, 0001359002
 Total length 50.30, Length/rear collar 44.00, Thread length 13.15, Thread size M8

Pkg. 5



136283 Lever Support

Replacing: 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

Replacing: 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



139061[#] Lever Kit

Replacing: 9001082207
Servicing: 9000082013, 9000082021, 9000082028, 9000082029, 9000082033, 9000082036, 9000082040, 9000082042, 9000082043, 9000082045

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
ID 9.70, Total length 166.00, Splines 6, Rotation CR



130328 Clutch

Replacing: 2009999032, 2006401908, 2006401904, 2006401903
Servicing: 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402008, 0001402018



135375 Clutch

Replacing: 2000780133
Servicing: 0001510001, 0001510002, 0001510003, 0001510004, 0001510005, 0001510008, 0001510009, 0001510010, 0001510011, 0001510012
ID 75.75, Total length 176.50
Clutch set: HC-CARGO 235672.


235672 Clutch Kit

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

Replacing: 333406, 333397, 2007010160, 2006209558

Servicing: 0001241001, 0001241119, 0001261003, 0001261004, 0001261005, 0001261006, 0001261012, 0001261013, 0001261023, 0001261025

 Total length 130.60, Splines 19
 O.D. clutch: 72.45 mm.

Clutch Parts
Various

Pkg. 10


131445 Washer

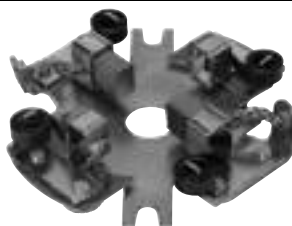
Replacing: 2000105040

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

ID 41.10, OD 57.60, Thickness 0.50


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

 w/ 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

 w/ neg. brushes. Brush set: HC-CARGO
 BSX974.

131185 Brush Gear

Replacing: 2004336031

Servicing: 0001368001, 0001368002, 0001368004, 0001368005, 0001368006, 0001368007, 0001368009, 0001368010, 0001368012, 0001368013

OD 86.25

 w/ neg. brushes. Brush set: HC-CARGO
 BSX135-1454.

Alternative no.: 333293



132303 Brush Gear

Replacing: 2004336067, 2004336044, 2004336028

Servicing: 0001367001, 0001367002, 0001367003, 0001367004, 0001367005, 0001367006, 0001367007, 0001367008, 0001367009, 0001367010

OD 86.25
w/ 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
w/ 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
w/ 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

Replacing: 2004336021, 2004336010, 2001329901

Servicing: 0001362001, 0001362002, 0001362003, 0001362004, 0001362005, 0001362006, 0001362007, 0001362008, 0001362009, 0001362010

OD 89.85
w/ 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



134093 Brush Gear

Replacing: 2005854901, 2005854081, 2005854052, 2005854046, 2005854041

Servicing: 0001359012, 0001359062, 0001359065, 0001359100, 0001360002, 0001360004, 0001360005, 0001360007, 0001360008, 0001360010

24 V



134103 Brush Gear

Replacing: 1004336900, 1004336108, 1004336107, 1004336101, 1004336100

Servicing: 0001312108, 0001312109, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011, 0001317012, 0001317013, 0001317014

OD 82.50



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: 1004336998, 1004336968, 1004336965, 1004336961, 1004336960, 1004336954, 1004336950, 1004336941

Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108007, 0001108009, 0001108010, 0001108011, 0001108012, 0001108013

OD 67.60

Alternative no.: 333296


134659 Brush Gear

Replacing: 1004336991, 1004336983, 1004336958, 1004336947, 1004336933, 1004336926, 1004336914, 1004336906

Servicing: 0001109011, 0001110001, 0001110002, 0001110009, 0001110010, 0001110014, 0001110015, 0001110018, 0001110031, 0001110032

OD 72.85

Alternative no.: 333595


134660 Brush Gear

Replacing: 1004336999, 1004336997, 1004336994, 1004336984, 1004336981, 1004336976, 1004336955, 1004336949

Servicing: 0001109015, 0001109021, 0001109022, 0001109034, 0001109041, 0001109042, 0001109046, 0001109052, 0001109055, 0001109061

OD 66.35

Alternative no.: 333291


134661 Brush Gear

Replacing: 9003334314

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

OD 83.40


134868 Brush Gear

Replacing: f000a11055, 1004336963, 1004336916, 1004336915

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

OD 67.25

HC-CARGO B134868.

Alternative no.: 333290


134901 Brush Gear

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: 1004336951, 1004336937, 1004336831, 1004336821, 1004336810, 1004336746, 1004336417

Servicing: 0001106014, 0001106016, 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107009, 0001107011

OD 68.00

Alternative no.: 333287


135235 Brush Gear

Replacing: 1004336923, 1004336911, 1004336811, 1004336772, 1004336426, 1004336362

Servicing: ACR, 0001108021, 0001108050, 0001108059, 0001108060, 0001108076, 0001108077, 0001108094, 0001108095, 0001108096

OD 63.90

Alternative no.: 333539


136418 Brush Gear

Replacing: f000a11483, 1004336938, 1004336753, 1004336433

Servicing: 0001107010, 0001107013, 0001107015, 0001107038, 0001107044, 0001108200, 0001108201, 0001112019, 0001112032, 0001113006

OD 64.65

Alternative no.: 333294



136557 Brush Gear

Replacing: 1004336975, 1004336970, 1004336964, 1004336957, 1004336842, 1004336827, 1004336820, 1004336814

Servicing: 0001106011, 0001106014, 0001106015, 0001107009, 0001107012, 0001107014, 0001107015, 0001107016, 0001107017, 0001107018

OD 68.00

Alternative no.: 333286



137137 Brush Gear

Replacing: 2004336064

Servicing: 0001368083, B001816570

OD 93.00

Brush springs: HC-CARGO 132223. Brush set: HC-CARGO BSX135-1454.



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



137703 Brush Gear

Replacing: 1004336948, 1004336946, 1004336908, 1004336835, 1004336802, 1004336622, 1004336463, 1004336456

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

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: 130691, 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: 1004336996, 1004336836, 1004336829, 1004336778, 1004336445, 1004336430

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


138901 Brush Gear

Replacing: 1004336830, 1004336745, 1004336416

Servicing: 0001106022, 0001106023, 0001106024, 0001107070, 0001107071
OD 66.00


138904 Brush Gear

Replacing: f000al1918, 1004336993
Servicing: 0001112020, 0001112033, 0001112035, 0001112037, 0001112041, 0001113009, 0001113010, 0001113015

OD 64.75

Alternative no.: 333584


139022 Brush Gear

Replacing: 9001083569, 9001083392, 9001083362

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

OD 81.35

w/ neg. brushes. Brush set: HC-CARGO 141008.


139144 Brush Gear

Replacing: 1004336816, 1004336300
Servicing: 0001108157, 0001108169, 0001108171, 0001108178, 0001108184, 0001108188, 0001108190, 0001108196

OD 63.85

Alternative no.: 333538


139146 Brush Gear

Replacing: 1004336988, 1004336257
Servicing: 0001109011

OD 66.90

Alternative no.: 333303


139428 Brush Gear

Replacing: 1004336990, 1004336860, 1004336737, 1004336408

Servicing: 0001125001, 0001125002, 0001125007, 0001125008, 0001125009, 0001125010, 0001125012, 0001125013, 0001125016, 0001125017

12 V, OD 67.20

Alternative no.: 333288


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

OD 72.60

Alternative no.: 333297



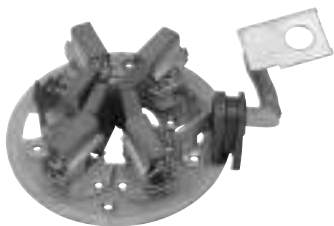
139638 Brush Gear

Replacing: 1004336956, 1004336848, 1004336804, 1004336730, 1004336412, 1004336400

Servicing: 0001109001, 0001109002, 0001109003, 0001109006, 0001109007, 0001109008, 0001109009, 0001109017, 0001109026, 0001109035

OD 64.75

Alternative no.: 333559



139698 Brush Gear

Replacing: 9003334363, 6033AD4180, 6033AD4161, 6033ad4026, 6033AD0471, 6033ad0380, 6033ad0156, 6033ad0130

Servicing: 0001231002, 0001231003, 0001231004, 0001231005, 0001231006, 0001231007, 0001231009, 0001231010, 0001231011, 0001231012

28 V, OD 90.75

Alternative no.: 333300



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 Brush Gear

Replacing: 1004336873, 1004336824, 1004336743, 1004336598, 1004336414

Servicing: 0001115005, 0001115006, 0001115008, 0001115009, 0001115012, 0001115016, 0001115017, 0001115024, 0001115049, 0001115050

OD 68.30



230843 Brush Gear

Replacing: 2004336078

Servicing: 0001371004, 0001371006, 0001371008, 0001371010, 0001371013, 0001371015, 0001371016, 0001371018, 0001371019, 0001371020

OD 111.00

Alternative no.: 333299



231084 Brush Gear

Replacing: 2004336087, 2004336085

Servicing: 0001372001, 0001372004, 0001372006, OAA137200B, OAA137200F, OAA137200G, B001960018

24 V, OD 96.59

w/ springs and neg brushes. Brush set: HC-CARGO BSX170-1714.



231648 Brush Gear

Replacing: 6033ad1246, 6033AD1244, 6033ad0401, 6033ad0368, 6033ad0159, 6033ad0014

Servicing: 0001223001, 0001223003, 0001223005, 0001223007, 0001223010, 0001223011, 0001223012, 0001223013, 0001223014, 0001223018

12 V, OD 86.00

Spring: HC-CARGO 135004



232183 Brush Gear

Replacing: 1004336989, 1004336833, 1004336717, 1004336444, 1004336392

Servicing: 0001107047, 0001107077, 0001107098

OD 68.40



232700 Brush Gear

Replacing: 1104336702, 1004336866, 1004336718, 1004336703, 1004336702, 1004336542, 1004336526

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

OD 56.55



233565 Brush Gear

Replacing: 1004336853, 1004336368

Servicing: 0001106012, 0001106017, 0001106022, 0001106023, 0001106024, B001109104

OD 68.35


234118 Brush Gear

Replacing: 2004336077

 Servicing: 0001371005, 0001371007, 0001371009,
0001371012, 0001371014, 0001371017

OD 110.50


234475 Brush Gear

 Replacing: 1004336980, 1004336740,
1004336434, 1004336411, 1004336138

 Servicing: 0001107031, 0001107032,
0001108004, 0001108019, 0001108020,
0001108025, 0001108026, 0001108027,
0001108053, 0001108063

OD 68.50

Alternative no.: 333285


234788 Brush Gear

Replacing: 2004336086

 Servicing: 0001372002, 0001372003,
0001372005, 0001372006, 0001372007,
0001372008, B001860021, B001860023

OD 85.75

*w/ springs and neg. brush. Brush set: HC-CARGO
BSX170-1714. Brush spring: HC-CARGO 231709.*

234896 Brush Gear

 Replacing: 1004336878, 1004336750,
1004336619, 1004336549

 Servicing: 0001125008, 0001125021,
0001125022, 0001125031, 0001125032,
0001125042, 0001125043, 0001125046,
0001125047, 0001125051

12 V, OD 63.00


234947 Brush Gear

 Replacing: 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


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

12 V, OD 72.70

Start & Stop.

235281 Brush Box

Replacing: F000AL1921, 1004336861

Servicing: 0001116008, 0001116009

12 V


235401 Brush Box

 Replacing: 1004336899, 1004336876,
1004336798, 1004336678, 1004336591,
1004336584, 1004336522

 Servicing: 0001115008, 0001115021,
0001115025, 0001115040, 0001115041,
0001115045, 0001115046, 0001115047,
0001115048, 0001115080

12 V, OD 69.25

Alternative no.: 333304


235406 Brush Box

 Replacing: 1004336626, 1004336625,
1004336570

 Servicing: 0001109064, 0001109065,
0001125053, 0001125054

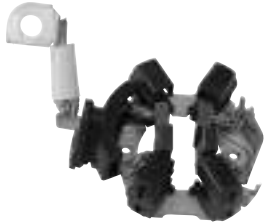
12 V, OD 73.60



235459 Brush Gear

Replacing: 1004336886, 1004336708, 1004336531

Servicing: 0001108401, F002G20670, F004A94004

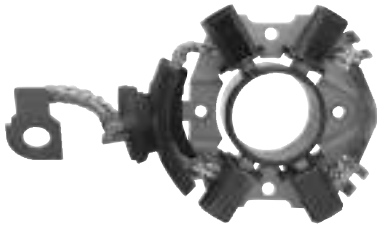


235529 Brush Box

Replacing: 1004336669, 0011516314

Servicing: 0001115074, 0001115075, 0001115077

OD 68.80

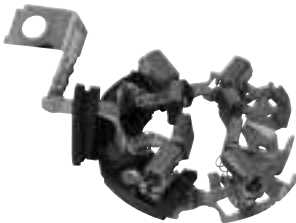


235531 Brush Gear

Replacing: 1004336896, 1004336879, 1004336506

Servicing: 0001106403, 0001106404, 0001106405, 0001106406, 0001106407, 0001106409, 0001106410, 0001120400, 0001120401, 0001120402

Alternative no.: 333292



235724 Brush Gear

Replacing: f000a11483, f000a11326, 1004336967, 1004336953, 1004336952

Servicing: 0001112008, 0001112015, 0001112019, 0001112032, 0001112035, 0001113006, 0001114020, 0001114021, 0001114022, B001180044

12 V, OD 73.80



235741 Brush Gear

Replacing: 1004336784, 1004336574

Servicing: 0001109064, 0001109065, 0001109250, 0001109264, 0001109300, 0001109301, 0001109304, 0001109305, 0001109310, 0001109311

12 V, OD 71.10



235742 Brush Gear

Replacing: 1007010135, 1007010124

Servicing: 0001124011, 0001124012, 0001124013, 0001124014, 0001124022, 0001124023



235745 Brush Gear

Replacing: 6033AD5320, 6033AD5316, 6033AD4194

Servicing: 0001231004, 0001231005, 0001231006, 0001231007, 0001231008, 0001231009, 0001231012, 0001231013, 0001231019, 0001231023

24 V, OD 90.85



235832 Brush Box

Replacing: 1004336785, 1004336707, 1004336656, 1004336576, 1004336530

Servicing: 0001108400, 0001108411, 0001108412, 0001108444, 0001122400, 0001122401, 0001122402, 0001122403

OD 64.00

Alternative no.: 333566



235883 Brush Gear

Replacing: 6033AD1252

Servicing: 0001218728, 0001218772, 0001218774, 0001223001, 0001223002, 0001223003, 0001223005, 0001223006, 0001223024, 0001223504

12 V, OD 85.90



236867 Brush Gear

Replacing: 1004337140, 1004336769, 1004336704, 1004336565, 1004336527

Servicing: 0001108402, 0001108405, 0001108406, 0001108420, 0001108421, 0001108450, 0001108451, 0001108456, 0001108457

12 V, OD 63.00



237366 Brush Gear

Replacing: 1004336888, 1004336770, 1004336727, 1004336712, 1004336536

Servicing: 0001108157, 0001108190, 0001108196, 0001108202, 0001108204, 0001108208, 0001108209, 0001108211, 0001108212, 0001108213

12 V, OD 56.15



237670 Brush Gear

Replacing: 1004336894, 1004336518

Servicing: 0001109068, 0001109202, 0001109203, 0001109205, 0001109250, 0001109302, 0001109303, 0001109305, 0001109324, 0001109325

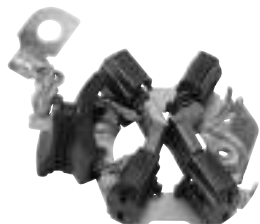
12 V


239116 Brush Gear

Replacing: 6033AD6098, 2004336091

Servicing: 0001330008

12 V, OD 105.80


330495 Brush Gear

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

Servicing: 0001109066, 0001109067

12 V, OD 71.01


331821 Brush Gear

Replacing: 1004336806

Servicing: 0001108125, 0001108130, 0001108138, 0001108162, 0001108166, 0001108167, 0001108173, 0001108176, 0001108183, 0001108189

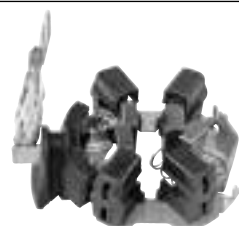
12 V, OD 69.40


331995 Brush Gear

Replacing: 1004336649, 1004336612

Servicing: 0001139001, 0001139002, 0001139005, 0001139006, 0001139011, 0001139012, 0001139013, 0001139014, 0001139015, 0001139016

12 V, OD 72.00


332070 Brush Gear

Replacing: 1004336897, 1004336758, 1004336650, 1004336557

Servicing: 0001108404, 0001109030, 0001115021, 0001115025, 0001115042, 0001123004, 0001123005, 0001123012, 0001123013, 0001123014

12 V, OD 67.00


332155 Brush Gear

Replacing: 1004338157, 1004336581

Servicing: 0001109267, 0001109268, 0001109269, 0001109270, 0001109306, 0001109307, 0001109321, 0001109322, 0001109336, 0001109337

12 V, OD 71.30

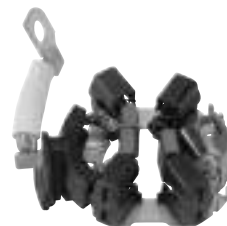

333093 Brush Box

Manufacturer: Bosch

Replacing: 1004336577

Servicing: 0001107107

OD 67.00

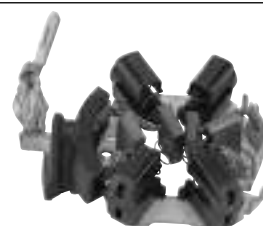

333123 Brush Box

Replacing: 1004336759, 1004336700, 1004336653, 1004336558, 1004336523

Servicing: 0001123016, 0001123017, 0001123036, 0001123037, 0001123044, 0001123045

OD 69.25

Alternative no.: 333552


333124 Brush Box

Replacing: 1004337012

Servicing: 0001142001, 0001142002, 0399703051, 0399703052

OD 68.65


333285 Brush Gear

Manufacturer: Bosch

Replacing: 1004336980, 1004336740, 1004336434, 1004336138

Servicing: 0001107031

OD 68.50

Alternative no.: 234475


333286 Brush Box

Manufacturer: Bosch

Replacing: 1004336975, 1004336970, 1004336964, 1004336957, 1004336842, 1004336827, 1004336820, 1004336814

Servicing: 0001106014, 0001107009, 0001107014, 0001107015, 0001107016, 0001107017, 0001107018, 0001107019, 0001107025, 0001107026

OD 68.00

Alternative no.: 136557



333287 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336951, 1004336937, 1004336831, 1004336821, 1004336810, 1004336746, 1004336417
Servicing: 0001106016, 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107012, 0001107013, 0001107020
OD 68.00
Alternative no.: 135015



333288 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336990, 1004336860, 1004336738, 1004336737, 1004336409, 1004336408
Servicing: 0001125001, 0001125002, 0001125007
OD 67.20
Alternative no.: 139428



333289 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336948, 1004336946, 1004336908, 1004336835, 1004336802, 1004336463, 1004336456, 1004336233
12 V, OD 66.45
Alternative no.: 137703



333290 5★ Brush Box
Manufacturer: Bosch
Replacing: f000a11055, 1004336963, 1004336916, 1004336915
Servicing: 0001112027, 0001112028, 0001112044, 0001112045, 0001113013, 0001113014
OD 67.25
Alternative no.: 134868



333291 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336999, 1004336997, 1004336994, 1004336984, 1004336981, 1004336976, 1004336959, 1004336955
Servicing: 0001109015, 0001109021, 0001109022, 0001109034, 0001109041, 0001109052, 0001109055, 0001109062, 0001109068, 0001109252
OD 66.35
Alternative no.: 134660



333292 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336896, 1004336879, 1004336506
Servicing: 0001106405, 0001106406, 0001120400, 0001120401, 0001120402, 0001120407, 0001120408, 0001120409, 0001120410, 0001120411
12 V, OD 64.94
Alternative no.: 235531



333293 5★ Brush Gear
Manufacturer: Bosch
Replacing: 2004336031
Servicing: 0001368001, 0001368007, 0001368010, 0001368016, 0001368017, 0001368019, 0001368020, 0001368024, 0001368030, 0001368034
OD 86.25
w/ neg. brushes. Brush set: HC-CARGO BSX135-1454.
Alternative no.: 131185, 333635



333294 5★ Brush Box
Manufacturer: Bosch
Replacing: f000a11483, 1004336938, 1004336753, 1004336433
OD 64.65
Alternative no.: 136418



333295 5★ Brush Box
Manufacturer: Bosch
Replacing: f000a12034, 1004336969, 1004336940
12 V, OD 72.35
Alternative no.: 138201



333296 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336998, 1004336968, 1004336965, 1004336961, 1004336960, 1004336954, 1004336950, 1004336941
OD 67.60
Alternative no.: 134658



333297 5★ Brush Box
 Manufacturer: Bosch
 Replacing: f000al2051, f000al2050, 1004336838, 1004336822
 Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008, 0001116009
 OD 72.60
 Alternative no.: 139550



333299 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 2004336078
 Servicing: 0001371006, 0001371008
 OD 111.00
 Alternative no.: 230843



333300 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 9003334363, 6033AD4180, 6033AD4161, 6033ad4026, 6033AD0471, 6033ad0380, 6033ad0156, 6033ad0130
 Servicing: 0001231002, 0001231003, 0001231011, 0001231014, 0001231016, 0001231017, 0001231032, 0001231033, 0001231045, 0001263049
 28 V, OD 90.75
 Alternative no.: 139698



333301 5★ 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



333302 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 6033AD0442, 1004336985, 1004336716, 1004336391
 OD 66.25
 Alternative no.: 137618



333303 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 1004336988, 1004336257
 OD 66.90
 Alternative no.: 139146



333304 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 1004336899, 1004336876, 1004336798, 1004336591, 1004336584, 1004336522
 12 V, OD 69.25
 Alternative no.: 235401



333305 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 1004336361
 Servicing: 0001109035
 12 V, OD 72.50



333306 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 1004336422
 Servicing: 0001110132, F000AL0108
 12 V, OD 72.33



333307 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 1004336752, 1004336621, 1004336551
 Servicing: 0001110133, 0001110134, 0001125003, 0001125004, 0001125035, 0001125036, 0001125039, 0001125040, 0001125048, 0001125049
 OD 74.20



333356 Brush Gear
 Replacing: 1004336695
 Servicing: 0001136002, 0001136003, 0001137001, 0001137002, 0001137003, 0001137004, 0001137005, 0001137006, 0001137011, 0001137012
 12 V, OD 73.00



333414 Brush Gear
 Replacing: 1004336618, 1004336599
 Servicing: 0001109105, 0001109205, 0001109258, 0001109259, 0001109260, 0001109261, 0001109302, 0001109303, 0001109304, 0001109319
 12 V, OD 73.75



333497 Brush Gear
 Manufacturer: Bosch
 Replacing: 2004336041
 Servicing: 0001362310
 12 V, OD 97.50
 Alternative no.: 132306



333499 Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336583
 Servicing: 0001107433, 0001107434,
 0001107440, 0001107441, 0001107448,
 0001107449, 0001107514, 0001107529,
 0001107530, 0001107531
 12 V, OD 66.00
 Alternative no.: 333608



333536 Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336623
 Servicing: 0001125025, 0001125600
 OD 74.00
 Alternative no.: 333607



333538 Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336816, 1004336300
 Servicing: 0001108184, 0001108188, 0001108196
 OD 63.29
 Alternative no.: 139144



333539 Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336923, 1004336911, 1004336811,
 1004336772, 1004336426, 1004336362
 Servicing: ACR, 0001108021, 0001108099,
 0001108147, 0001108190
 OD 67.20
 Alternative no.: 135235



333552 Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336759, 1004336700,
 1004336653, 1004336558, 1004336523
 Servicing: 0001123036, 0001123037,
 0001123044, 0001123045
 OD 69.25
 Alternative no.: 333123



333559 Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336956, 1004336848, 1004336804,
 1004336730, 1004336412, 1004336400
 Servicing: 0001109009, 0001109017,
 0001109026, 0001109049, 0001110100,
 0001110101
 OD 64.75
 Alternative no.: 139638



333566 Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336785, 1004336707,
 1004336656, 1004336576, 1004336530
 Servicing: 0001108400, 0001108411,
 0001108412, 0001108444
 OD 66.40
 Alternative no.: 333614



333567 Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336423
 Servicing: 0001108128, 0001108138,
 0001108166, 0001108167, 0001108173,
 0001108176, 0001108189, F000AL0126,
 F010AL0103
 OD 63.25
 Alternative no.: 333614



333574 Brush Gear
 Manufacturer: Bosch
 Replacing: 6033AD3328, 6033AD3023,
 6033AD3022, 6033AD0374, 6033AD0370,
 6033ad0166
 OD 90.40
 Alternative no.: 234947



333576 Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336778, 1004336445, 1004336430
 Servicing: 0001109018, 0001109025,
 0001109043, 0001109045, 0001109363,
 F000AL0105, F000AL0107, F000AL0112,
 F000AL0117
 12 V, OD 67.25
 Alternative no.: 138900, 333690



333584 Brush Gear
 Manufacturer: Bosch
 Replacing: f000al1918, 1004336993
 OD 67.35
 Alternative no.: 138904


333595 Brush Gear

Manufacturer: Bosch

Replacing: 1004336991, 1004336983, 1004336958, 1004336947, 1004336933, 1004336926, 1004336914, 1004336906

Servicing: 0001110001, 0001110002, 0001110009, 0001110010, 0001110014, 0001110015, 0001110031, 0001110032, 0001110059, 0001110061

OD 67.00

Alternative no.: 134695, 333640

Brush Gear Parts
Brush Holders

133553 Brush Gear

Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108005, 0001108006, 0001108009, 0001108010, 0001108011, 0001108012


133555 Brush Gear

Servicing: 0001109001, 0001109002, 0001109014, 0001109015, 0001109018, 0001109021, 0001109022, 0001109025, 0001109026, 0001109030

OD 11.20


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


134702 Brush Gear

Servicing: 0001218003, 0001218004, 0001218005, 0001218006, 0001218008, 0001218011, 0001218012, 0001218013, 0001218014, 0001218016


135496 Brush Gear

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023


135563 Brush Gear

Servicing: ACR, 0001218116, 0001218117, 0001218151, 0001218164, 0001218172, 9000331201, 9000331203

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10


238580 Brush Gear

Replacing: 1009994029

Servicing: 0001106405, 0001106406, 0001107061, 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407

Brush Springs

131499 Brush Spring

Replacing: 2004652006

Servicing: 0001402055, 0001402081, 0001402083, 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410022, 0001410023

Length 32.00


132223 Brush Spring

Replacing: 2004616007

Servicing: 0001218127, 0001364301, 0001367001, 0001367002, 0001367004, 0001367005, 0001367006, 0001367008, 0001367009, 0001367010

OD 12.00, Length 24.00


132224 Brush Spring

Replacing: 2004652039, 2004652038, 2004652036

Servicing: 0001358200, 0001358201, 0001358202, 0001359002, 0001359003, 0001359004, 0001359008, 0001359010, 0001359012, 0001359013

Length 32.00

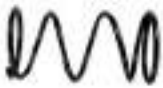
Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10



132576 Brush Spring

Replacing: 1004611006
 Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108005, 0001108006, 0001108009, 0001108010, 0001108011, 0001108012
 OD 8.10, Length 16.00

Pkg. 10

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

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



133556 Brush Spring

Replacing: 2004618004
 Servicing: 0001362005, 0001362006, 0001362034, 0001362035, 0001362036, 0001362038, 0001362039, 0001362040, 0001362041, 0001362042
 OD 10.30, Length 27.30

Pkg. 10

Pkg. 10



134937 Brush Spring

Replacing: 1004611007
 Servicing: 0001208501, 0001208506, 0001208507, 0001208508, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517
 OD 8.30, Length 26.40

136694 Brush Spring

Replacing: 2004652004
 Servicing: 0001370002, 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010
 OD 16.75, Length 32.90

Pkg. 10



133557 Brush Spring

Replacing: 2004618004
 OD 9.50, Length 20.00

Pkg. 10

Pkg. 10



135004 Brush Spring

Replacing: 1004615001
 Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011
 OD 11.50, Length 32.00

139119 Brush Spring

Replacing: 2004652015, 1004652005
 Servicing: 0001207001, 0001207003, 0001207005, 0001207009, 0001207015, 0001207016, 0001207017, 0001207018, 0001207019, 0001207020
 OD 14.70, Length 24.30

Pkg. 10



134442 Brush Spring

Replacing: 2004652034, 1004652007
 Servicing: 0001311047, 0001311050, 0001311051, 0001311052, 0001311053, 0001311054, 0001311055, 0001311056, 0001311100, 0001311101
 Length 29.85

Pkg. 10



135299 Brush Spring

Replacing: 2004652001, 2004452001
 Servicing: 0001121018, 0001121019, 0001121024, 0001121025, 6004aa0003, f000al0321
 OD 6.30, Length 17.30

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 Brush Spring

Replacing: 2004616009

 Servicing: 0001223504, 0001231005,
0001231007, 0001231012, 0001231016,
0001231019, 0001364300, 0001364301,
0001364400, 0001364402

OD 11.90, Length 30.00

Pkg. 10


232173 Brush Spring

 Servicing: 0001223003, 0001223005,
0001223007, 0001223024, 0001231002,
0001231003, 0001231008, 0001231009,
0001231011, 0001231013

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

 Servicing: 0001109009, 0001109064,
0001109065, 0001109066, 0001109067,
0001109069, 0001109070, 0001109204,
0001109205, 0001109250

OD 10.10, Length 21.50

Various

Pkg. 25


133967 Insulator

Pkg. 10


134156 Insulator

 ID/ threaded hole 4.15, Thickness 1.00,
No./ mount. holes 2, Gasket w/o

Pkg. 10


134323 Insulator

Servicing: 0120689512

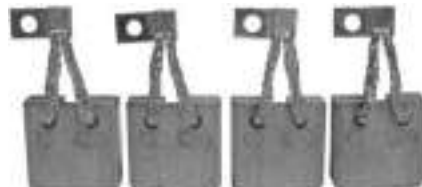
Pkg. 10


134324 Insulator

Pkg. 10


136176 Boot

 Servicing: 0001121018, 0001121019,
0001121024, 0001121025, 6004aa0003

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 25.00/63.00, 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



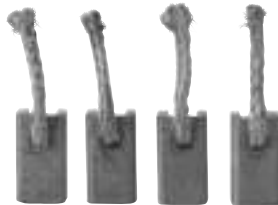
141194 Brush Set

Replacing: 141194, 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



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 6.35



142320 5★ Brush Set

Manufacturer: Bosch
 Replacing: 2007014026
 Servicing: 0001208053, 0001208054, 0001208172, 0001208200, 0001208201, 0001208202, 0001208206, 0001208208, 0001208211, 0001208216
 12 V, Length 18.00, Lead length 28.00, Height 10.00, Thickness 7.00
 Alternative no.: BSX754



142324 5★ Brush Set

Manufacturer: Bosch
 Replacing: 2007014065
 12 V, Length 17.10, Lead length 45.45, Height 15.83, Thickness 8.85
 Alternative no.: BSX1394



142325 5★ 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 45.00, Height 24.87, Thickness 7.85
 Alternative no.: BSX151S4, 142334



142326 5★ Brush Set

Manufacturer: Bosch
 Replacing: 2007014063
 24 V, Length 17.00, Lead length 56.00, Lead length 2 44.00, Height 25.00, Thickness 8.00
 Alternative no.: BSX135-1454



142327 5★ 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 5★ 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



Pkg. 100

BS170 Brush

 Replacing: 2004320196, 2004320165
 Length 14.70, Lead length 38.00,
 Height 24.70, Thickness 9.90


Pkg. 100

BS171 Brush

 Replacing: 2004320197, 2004320166
 Length 14.90, Lead length 56.00,
 Height 24.75, Thickness 9.90

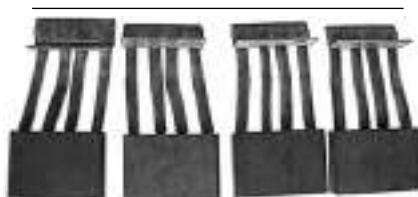
BSX1004 Brush Set

 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
 Servicing: 0001357002, 0001362001,
 0001362002, 0001362003, 0001362004,
 0001362005, 0001362006, 0001362007,
 0001362008, 0001362009
 12 V, Length 25.50, Lead length 36.00,
 Height 15.00, Thickness 9.00
 Alternative no.: BS102

BSX1034 Brush Set

 Replacing: 2007014017
 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: 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

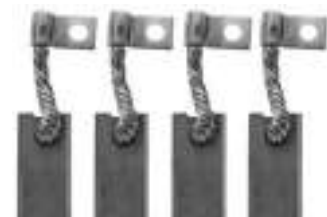
BSX1044 Brush Set

 Replacing: 2007014055, 2007014054, 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

 Replacing: bsx116f4
 Servicing: 0001363101, 0001363111
 24 V, Length 16.00, Lead length 34.00,
 Height 15.50, Thickness 9.00

BSX121F4 Brush Set

 Replacing: bsx121f4, 1007014134
 Servicing: 0001312103, 0001313006,
 0001314005, 0001314018, 0001314025,
 0001314026, 0001314027, 0001314028,
 0001314029, 0001314030
 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: 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 6.80



BSX128F4 Brush Set

Replacing: bsx128f4, 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 17.00, Lead length 56.00, Lead length 2 44.00, Height 25.00, Thickness 8.00

Alternative no.: 142326 , bs135/0



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.: 142324 , BS139



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.: 142325 BS151


BSX1534 Brush Set

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

Replacing: BSX157-1584

Servicing: 0001108403, 0001108404, 0001109001, 0001109002, 0001109014, 0001109015, 0001109018, 0001109021, 0001109022, 0001109025

12 V, Length 14.40, Lead length 25.00, Height 17.90, Thickness 5.95


BSX159-1604 Brush Set

Replacing: BSX159-1604

Servicing: 0001108011, 0001108100, 0001108123, 0001108141, 0001108150, 0001108177, 0001108178, 0001108184, 0001108190, 0001108202

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

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: bsx1664, 1004320136
 Servicing: 0001106012, 0001106015,
 0001106017, 0001106022, 0001106023,
 0001106024, 0001112003, 0001112004,
 9000695002, 9000695003
 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: 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

Replacing: bsx190-1914
 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: bsx192-1934, 6033AD1159,
 6033AD1158, 6033AD0012, 6033AD0011
 Servicing: 0001223002, 0001223007,
 0001223009, 0001223013, 0001223014
 12 V, Length 13.00/15.00,
 Lead length 25.00, Height 22.00,
 Thickness 6.00


BSX194-1954 Brush Set

Replacing: bsx194-1954, 9003334362, 9003334361, 6033AD3197, 6033AD3196

Servicing: 0001230001, 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: bsx1964, 1004320158

Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008, 0001116009

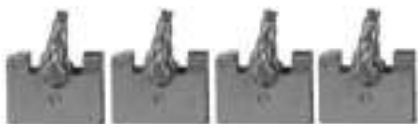
12 V, Length 10.50/11.50, Lead length 24.00, Height 8.50, Thickness 5.00


BSX1974 Brush Set

Replacing: bsx1974, 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

Replacing: BSX202-2034

Servicing: 0001330001, 0001330003, 0001330008

24 V, Length 23.00, Lead length 25.00, Height 32.00, Thickness 9.00


BSX204-2054 Brush Set

Replacing: bsx204-2054

Servicing: 0001106405, 0001106406, 0001120400, 0001120401, 0001120402, 0001120403, 0001120406, 0001120407, 0001120408, 0001120409

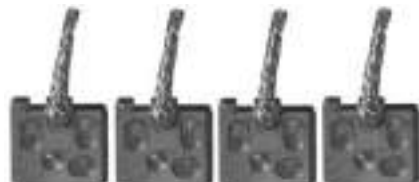
12 V, Length 12.00/12.70, Lead length 25.00, Height 10.00, Thickness 5.00


BSX206-2074 Brush Set

Replacing: 6033ad5127, 6033ad5126, 6033ad5098, 6033ad5097

Servicing: 0001241001, 0001261001, 0001261002

24 V, Length 18.00, Lead length 26.50, Height 28.00, Thickness 6.35


BSX208-2094 Brush Set

Replacing: BSX208-2094, 1004320209, 1004320208

12 V, Length 14.20/15.20, Lead length 24.50, Height 18.00, Thickness 6.00


BSX210-2114 Brush Set

Replacing: bsx210-2114, 1004320203, 1004320202, 1004320180, 1004320179

Servicing: 0001108400, 0001108401, 0001108402, 0001108405, 0001108406, 0001108408, 0001108420, 0001108421, 0001108430, 0001108431

12 V, Length 11.50/12.20, Lead length 24.50, Height 16.00, Thickness 4.50


BSX212-2134 Brush Set

Replacing: bsx212-2134, 1004320207, 1004320206, 1004320205, 1004320204, 1004320184, 1004320183

Servicing: 0001108210, F000AL0110, F002G20326, F002G20348, F002G20546, F002G20582, F002G20593, F002G20820, F004A94007, f005m00001

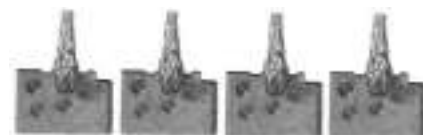
12 V, Length 11.50/13.00, Lead length 24.50, Height 16.00, Thickness 5.00


BSX214-2154 Brush Set

Replacing: BSX214-2154, 1004320235, 1004320234, 1004320229, 1004320228

Servicing: 0001109014, 0001115005, 0001115006, 0001115008, 0001115011, 0001115012, 0001115013, 0001115015, 0001115021, 0001115024

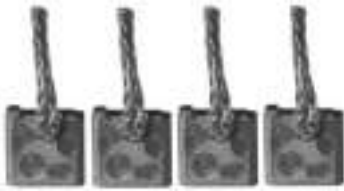
12 V, Length 11.00, Lead length 25.00, Height 17.95, Thickness 5.95


BSX216-2174 Brush Set

Replacing: 6033ad5178, 6033ad5177

Servicing: 0001231017, 0001231040, 0001231041, 0001241003, 0001241007, 0001241014, 0001241015, 0001241019, 0001241020

24 V, Length 18.00, Lead length 26.00, Height 28.00, Thickness 5.35



BSX218-2194 Brush Set

Replacing: BSX218-2194, 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: 1107014110, 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: 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

Servicing: 0001208203, 0001208205, 0001212200, 0001212202

12 V, Length 18.00, Lead length 28.00, Height 10.00, Thickness 7.00

Alternative no.: 142320 BS75/0



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



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

 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

Replacing: bsx98f4

 12 V, Length 18.00, Lead length 34.00,
Height 10.00, Thickness 7.00

Brushes

Pkg. 100


BS100 Brush

Replacing: BS100

 24 V, Length 23.05, Lead length 41.50,
Height 24.90, Thickness 7.80
Alternative no.: BSX1004

BS102 Brush

Replacing: BS102

 12 V, Length 25.40, Lead length 35.00,
Height 15.85, Thickness 8.85
Alternative no.: BSX1024

BS104/0 Brush

Replacing: BS104/0

 12 V, Length 18.10, Lead length 32.50,
Height 15.90, Thickness 6.90
Alternative no.: BSX1042

BS134/0 Brush

Replacing: BS134/0

 Length 16.30, Lead length 42.50,
Height 24.85, Thickness 9.85
Alternative no.: BSX134-1444

BS135/0 Brush

Replacing: BS135/0

 24 V, Length 16.60, Lead length 41.00,
Height 24.80, Thickness 7.90
Alternative no.: BSX135-1454

BS139 Brush

Replacing: BS139

 12 V, Length 17.05, Lead length 42.00,
Height 15.80, Thickness 8.95
Alternative no.: BSX1394

BS140/0 Brush

Replacing: BS140/0

 12 V, Length 15.00, Lead length 26.50,
Height 15.85, Thickness 6.95
Alternative no.: BSX1404

BS144# Brush

Replacing: 2004320102

Servicing: 0001367068, B001816023

 12 V, Length 16.42, Lead length 54.00,
Height 24.82, Thickness 9.87
Alternative no.: BSX134-1444

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100



BS144/0 Brush

Replacing: BS144/0

12 V, Length 16.60, Lead length 53.00,
Height 24.85, Thickness 9.85

Pkg. 100



BS145/0 Brush

Replacing: BS145/0

24 V, Length 16.60, Lead length 53.00,
Height 24.85, Thickness 7.90
Alternative no.: BSX135-1454

Pkg. 100



BS148 Brush

Replacing: BS148

24 V, Length 27.00, Lead length 53.00,
Height 35.75, Thickness 11.80
Alternative no.: BSX1484

Pkg. 100



BS149 Brush

Replacing: BS149

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

Replacing: BS151S

12 V, Length 7.52, Lead length 25.00,
Height 18.85, Thickness 17.98

Pkg. 100



BS157 Brush

Replacing: 9001320110

Servicing: 0001109305, 0001123036,
0001123037

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: 0001109305, 0001123036,
0001123037

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

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

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: 0001121018, 0001121019,
0001121024, 0001121025, f000a10321

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: 0001121018, 0001121019,
0001121024, 0001121025, f000a10321

12 V, Length 11.40, Lead length 24.50,
Height 11.90, Thickness 4.90
Alternative no.: BSX175-1764

Pkg. 100


BS70/0 Brush

Replacing: BS70/0

 12 V, Length 15.92, Lead length 27.00,
 Height 13.85, Thickness 6.85
 Alternative no.: BSX704

Pkg. 100


BS75/0 Brush

Replacing: BS75/0

 12 V, Length 18.00, Lead length 33.50,
 Height 9.90, Thickness 6.90
 Alternative no.: BSX754

Pkg. 100


BS96 Brush

Replacing: BS96

 12 V, Length 23.05, Lead length 41.00,
 Height 24.80, Thickness 9.75
 Alternative no.: BSX964

Bushings

Pkg. 10


140003 Bushing

Replacing: 1000301046, 1000301001

 Servicing: 0001157001, 0001157002,
 0001157003, 0001157004, 0001157005,
 0001157006, 0001157007, 0001157008,
 0001157009, 0001157010

 ID 12.60, 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

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, 0001108162, 0001113009, 0001154001

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


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, 1000301088,
1000301082, 1000301066, 1000301009

 Servicing: 00010DB98E, 0001107003,
0001107004, 0001107005, 0001107006,
0001107007, 0001107008, 0001107010,
0001107011, 0001107016

ID 12.13, OD 13.62, 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


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, 0001120409

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


140114 Bushing

Replacing: 2000322020

 Servicing: 0001401012, 0001401023,
0001401028, 0001402031, 0001402043,
0001402055, 0001402081, 0001402083,
0001501019, 0001501039

 ID 34.80, OD/ collar 45,35, OD 44.10,
Length 42.75, Height/ collar 6.00

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.: b140204

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: f000a11005, 2000301056, 1000301056
 Servicing: 00010DB98E, 0001106001, 0001106002, 0001106004, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017

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, 0001106019, 0001106022

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, 0001106019, 0001106022, 0001106023, 0001106024
 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
 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, 0001106019, 0001106022, 0001106023, 0001106024
 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 5.93

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



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

Pkg. 10



140853 Bushing
 Replacing: 1000301032
 Servicing: 0001106001, 0001106002,
 0001106004, 0001107031, 0001107032,
 0001107049, 0001107400, 0001107401,
 0001107402, 0001107403
 ID 11.10, OD 12.60, Length 11.50
 Alternative no.: b140853

Pkg. 10



140854 Bushing
 Replacing: 1000301031
 Servicing: 0001106011, 0001106012,
 0001106014, 0001106015, 0001106016,
 0001106017, 0001106018, 0001106019,
 0001106020, 0001106022
 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 16.60, Length 10.00
 Alternative no.: b140856

Pkg. 10

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 16.02, Length 17.00

Pkg. 10

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

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
 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, 0001120409
 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 15.75, OD 19.50, Length 10.00

Pkg. 10




140984 Bushing
 Replacing: 1000301080
 Servicing: 0001107450, 0001107451, 0001107508, 0001107509, 0001108430, 0001108431, 0001116001, 0001116003, 0001116005, 0001116006
 ID 12.55, OD 16.52, 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 12.12, OD 14.00, Length 21.00

Pkg. 10



141096 Bushing
 Servicing: 0001218012, 0001218013, 0001218018, 0001218024, 0001218103, 0001218105, 0001218113, 0001218114, 0001218115, 0001218116
 ID 18.03, OD 22.10, Length 7.00



141099 Bushing
 Servicing: 0001218166, 0001223013, 0001223014
 ID 17.93, OD 22.10, Length 7.05




141115 Bushing
 Replacing: 1000301087
 Servicing: 0001121022, 0001121023, 0001125016, 0001125017, 0001125018, 0001125019, 1006209681
 ID 12.20, OD 15.15, Length 8.40



141117 Bushing
 Servicing: 0001218004, 0001218005, 0001218008, 0001218009, 0001218017, 0001218026, 0001218134, 0001218145, B001233104, B001233112
 ID 5.20, OD 9.00, Length 9.00



141118 Bushing
 ID 8.01, OD 11.12, Length 8.00



141119 Bushing
 ID 10.10, OD 14.00, Length 9.55



141141 Bushing
 ID 20.50, OD 26.55, Length 11.90




141161 Bushing
 Servicing: 1006209949
 ID 14.30, OD 16.05, Length 9.95



141165 Bushing
 Servicing: 1006209949
 ID 11.07, OD 14.05, Length 8.50



141191 Bushing
 Servicing: 2006202011
 ID 20.00, OD 22.20, Length 26.80



141204 Bushing
 Servicing: 1006208280, 1006208450, 1006209450, 1006209451, 2006209280
 ID 14.23, OD 16.85, Length 10.00



141212 Bushing
 Servicing: 0001231002, 0001231032, B001260015
 ID 21.03, OD 25.00, Length 11.80




141241 Bushing
 Servicing: 2006202000
 ID 24.00, OD 25.40, Length 10.65




142049 Bushing
 ID 7.07, OD 12.00, Length 8.60

Pkg. 5




142061 Bushing
 Replacing: 6033ac5050
 Servicing: 0001241001, 0001241003, 0001241004, 0001241005, 0001241006, 0001241007, 0001241008, 0001241009, 0001241012, 0001241014
 ID 18.00, OD 20.08, Length 25.95

Pkg. 10



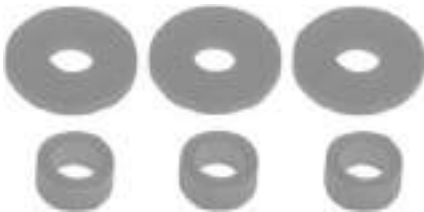
142068 Bushing
 ID 6.05, OD 12.00, Length 11.07

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
 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 11.00, OD 13.60, Length 13.80
 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
 ID 12.59, OD 16.55, Length 18.00
 Alternative no.: 140010

Pkg. 100



B140011U Bushing
 Replacing: B140011U

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
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 12.09, OD 16.11, Length 14.00
Alternative no.: 140017

Pkg. 100



B140018 Bushing

Replacing: 9001082166, 2000301036
ID 12.08, OD 14.09, Length 13.90
Alternative no.: 140018

Pkg. 100



B140019 Bushing

Replacing: 2000301047, 2000301043
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
ID 19.10, OD 23.10, Length 13.00
Alternative no.: 140026

Pkg. 100



B140027 Bushing

Replacing: 1000301034, 1000301022
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, 1000301088, 1000301082, 1000301066, 1000301009
 Servicing: 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 13.70
 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

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 20.03, Length 17.00
 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: 0001121025
 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
 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
 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
 ID 10.00, OD 14.00, Length 12.00
 Alternative no.: 140319

Pkg. 100



B140423 Bushing

Replacing: 140423
 Servicing: f000a10321
 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 11.10, OD 12.60, Length 11.50
 Alternative no.: 140853

Pkg. 100


B140854 Bushing

 Replacing: 1000301031
 ID 12.10, OD 13.57, Length 11.50
 Alternative no.: 140854

Pkg. 100


B140856 Bushing

 Replacing: 1000301062
 ID 12.57, OD 16.60, 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 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,
 Rolls 15

142055 Ball Bearing

 Replacing: 6033AC0294
 Servicing: 0001330001, 0001330003,
 0001330004, 0001330005, 0001330006,
 0001330007, 0001330008, 0001330011,
 0001330012, 0001330013
 ID 20.00, OD 58.00, Height 26.00

142062 Ball Bearing

 ID 24.94, OD 52.00, Height 15.00,
 Bushing w/o, Lock ring w/o,
 Oil seals w/o



142064 Ball Bearing
 ID 24.95, OD 42.00, Height 8.97,
 Bushing w/o, Lock ring w/o,
 Oil seals w/o
 w/ 2 internal grooves.

Needle Bearings

Pkg. 10



140197 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,
 Rolls 20

Pkg. 10



140198 Needle Bearing
 Replacing: 2000910005
 Servicing: 0001410015, 0001410016,
 0001410017, 0001410018, 0001410019,
 0001410021, 0001410022, 0001410023,
 0001410024, 0001410025
 ID 34.00, OD 48.00, Height 15.00,
 Rolls 13

Pkg. 10



140242 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, Rolls 18

Pkg. 10



140375 Needle Bearing
 Replacing: 9003330902
 Servicing: 9000331201, 9000331203
 ID 18.00, OD 24.00, Height 12.00, Rolls 20

Pkg. 10



140482 Needle Bearing
 Replacing: 1000917003
 Servicing: 0001106023, 0001106024,
 0001107030, 0001107032, 0001107059,
 0001107064, 0001107075, 0001107078,
 0001107079, 0001107080
 ID 10.00, OD 14.00, Height 10.00,
 Rolls 15

Pkg. 10



140494 Needle Bearing
 Replacing: 6033ac0093
 Servicing: 0001223003, 0001223007,
 0001223024
 ID 12.00, OD 18.00, Height 12.00,
 Rolls 15

Pkg. 5



140617 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, Rolls 8

Pkg. 5



140619 Needle Bearing
 Servicing: 0001110001, 0001110002,
 0001110007, 0001110008, 0001110009,
 0001110010, 0001110011, 0001110012,
 0001110013, 0001110014
 ID 6.00, OD 10.00, Height 9.00, Rolls 10

Pkg. 5



140717 Needle Bearing
 Replacing: 2000910004
 Servicing: 0001510001, 0001510002,
 0001510003, 0001510004, 0001510005,
 0001510006, 0001510008, 0001510009,
 0001510010, 0001510011
 ID 19.05, OD 25.05, Height 15.88,
 Rolls 19

Pkg. 5



140733 Needle Bearing
 Servicing: 0001420001, 0001420012
 ID 22.00, OD 28.00, Height 20.00,
 Rolls 24

Pkg. 10


140807 Needle Bearing

Replacing: 1000917004

 Servicing: 0001106403, 0001106404,
0001106409, 0001106410, 0001107010,
0001107011, 0001107019, 0001107027,
0001107028, 0001107029

 ID 10.00, OD 14.00, Height 14.00, Rolls 14
Closed end.

Pkg. 5


140903 Needle Bearing

Replacing: 9003330901

Servicing: 9000331201

ID 10.00, OD 17.00, Height 12.00, Rolls 13

Pkg. 10


140904 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, Rolls 15

Pkg. 5


140935 Needle Bearing

Replacing: 1000917006

 Servicing: 0001107031, 0001107032,
0001107049, 0001107415, 0001107429,
0001107431, 0001107432, 0001107437,
0001108444, 6004aa0003

ID 9.00, OD 13.00, Height 10.00, Rolls 13


140946 Needle Bearing Kit

Replacing: 9001453666

Servicing: 0001371001

Pkg. 5


140971 Needle Bearing

Replacing: 2000910013

 Servicing: 0001370003, 0001370004,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008, 0001371009,
0001371010, 0001371012

 ID 15.88, OD 23.88, Height 21.88, Rolls 14
Closed end.

Pkg. 5


140972 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 Needle Bearing

Replacing: 2000910015

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

 ID 16.00, OD 23.85, Height 18.95, Rolls 14
Double sealed.

Pkg. 5


141015 Needle Bearing

Replacing: 2000910011

 Servicing: 0001370001, 0001370002,
0001371001, 9000453029, 9000453064,
9000453065, 9000453066, 9000453067,
9000453068, B001850025

ID 15.88, OD 20.64, Height 19.05, Rolls 20

Pkg. 5


141040 Needle Bearing

Replacing: 6033AC0352

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

ID 30.00, OD 37.00, Height 16.00, Rolls 26

Pkg. 5


141054 Needle Bearing

Replacing: 1000917005, 1000917000

 Servicing: 0001107070, 0001107071,
0001108113, 0001108114, 0001108133,
0001108174, 0001108175, 0001108200,
0001108201, 0001108220

ID 12.00, OD 16.00, Height 14.00, Rolls 15

Pkg. 5


141084 Needle Bearing

Replacing: 1000917007

 Servicing: 0001121022, 0001121023,
0001124020, 0001124021, 0001125016,
0001125017, 0001125018, 0001125019,
0001125046, 0001125047

ID 30.50, OD 37.00, Height 15.90, Rolls 26



141256 Needle Bearing

Replacing: 0001107404, 0001107405, 0001107410, 0001107418, 0001107429, 0001107435, 0001107437, 0001107440, 0001107441, 0001107501

ID 5.50, OD 8.50, Height 6.85, Rolls 7

Pkg. 10



142001 Needle Bearing

Replacing: 1000917009

Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120409

ID 28.10, OD 35.20, Height 14.60

Pkg. 10



142019 Needle Bearing

Replacing: hk2512

Servicing: 0001241001, 0001241003, 0001241007, 0001241014, 0001241015, 0001241020, 0001261001, 0001261002, 6033ac5060

ID 25.00, OD 32.00, Height 12.00

Pkg. 10

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 Repair Kit

Replacing: 2007011040

Servicing: 0001359072, 0001360004, 0001360005, 0001360010, 0001360012, 0001360014, 0001360017, 0001360019, 0001360020, 0001360022



130970 Terminal Kit

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.


133586 Repair Kit

For FKB-24V isolated. Contains: Clutch HC-CARGO 130317. Start Relay: HC-CARGO 130283, 130305. Carbon brush: 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: 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

Replacing: 2007011003

Servicing: 0001401041, 0001401044, 0001401046, 0001401049, 0001401050, 0001401052, 0001401057, 0001401060, 0001401066, 0001401067

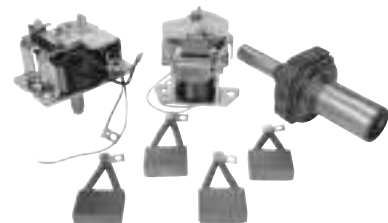

134607 Repair Kit

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.


135206 Repair Kit

For FKB-24 V. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130283, 130304. Brush set: HC-CARGO BSX1314.



135303 Repair Kit

For FKB-24 V earthed. Includes: Solenoid: HC-CARGO 130304, 133554. Repair kit: 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 Repair Kit

Replacing: 1007010079
 Servicing: 0001106403, 0001106404, 0001106407, 0001106409, 0001106410, 0001107448, 0001107449, 0001107532, 0001107533, 0001120400



136914 Repair Kit

Replacing: 1007010040
 Servicing: 0001108019, 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010



136915 Repair Kit

Replacing: 1007010081, 1007010039
 Servicing: 0001090112, 0001090115, 0001090137, 0001090139, 0001090141, 0001090144, 0001106001, 0001106002, 0001106004, 0001106012



136970 Repair Kit

Replacing: 1007010070
 Servicing: 0001106011, 0001106014, 0001106015, 0001106018, 0001106019, 0001106020, 0001107059, 0001107077, 0001107082, 0001108022



137001 Repair Kit

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



137173 Repair Kit

Replacing: 1007010004
 Servicing: 0001204102, 0001204103, 0001207001, 0001207003, 0001207005, 0001207009, 0001207015, 0001207016, 0001207017, 0001207018



137270 Repair Kit

Replacing: 1007010046
 Servicing: 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107410, 0001107411, 0001107417


137882 Repair Kit

Replacing: 1007010003

Servicing: 0001106014, 0001114005, 0001114006, 0001120406, 0001120407, 0001204102, 0001204103, 0001207001, 0001207003, 0001207005


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

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.

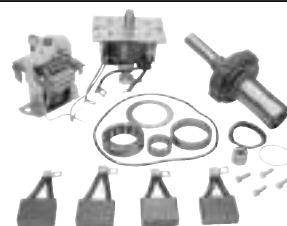
139152 Repair Kit

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

Replacing: 9003337010, 2002033007

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

ID 10.10, Length 31.30


139815[#] Repair Kit

Replacing: 9001083538

Servicing: 9000083027, 9000083028, 9000083043, 9000083045, 9000083053, 9000083054, 9000083055, 9000083056, 9000083057, 9000083058


230019 Terminal Kit

Servicing: 0001417065, 0001417069

Terminal 30: M12. Terminal 31: M12 insulated. New type.



230021 Terminal Kit

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.



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 Repair Kit

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 Repair Kit

Replacing: 6033ad0047
Servicing: 0001223001, 0001223004, 0001223005, 0001223006, 0001223008, 0001223009, 0001223011, 0001223012, 0001223013, 0001223014



231651 Repair Kit

Replacing: 6033ad0064
Servicing: 0001223002, 0001223003, 0001223007, 0001223016, 0001223021, 0001223024, 0001230006, 0001230014



234040 Repair Kit

Replacing: 2007010011
Servicing: 0001354016, 0001354018, 0001354029, 0001354031, 0001354038, 0001354055, 0001354077, 0001354085, 0001354086, EJD1


234657 Repair Kit

Replacing: 9001337095

Servicing: 0001218172, 0001218173


235147 Repair Kit

Replacing: 1007010093

 Servicing: 0001106405, 0001106406,
0001107401, 0001107402, 0001107403,
0001107404, 0001107405, 0001107406,
0001107407, 0001107408

239112 Repair Kit

Replacing: 6033ad6014

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

333490 Repair Kit

Manufacturer: Bosch

Replacing: F00M147855

 Servicing: 0124555069, 0124555071,
0124555072, 0124555079, 0124555080,
0124555087, 0124555089, 0124555091,
0124655016, 0124655097

 ID 35.00, OD 38.00, Height 51.00
Alternative no.: 333609

Pkg. 100


B140011 Bushing

Replacing: 2000301015

ID 40.12, OD 48.04, Length 10.50

Alternative no.: 140011

Sundry Parts
C.E. Covers

Pkg. 5


134683 C.E. Bracket

Replacing: 2000556057, 2000556056

 Servicing: 0001362005, 0001362006,
0001362008, 0001362034, 0001362035,
0001362036, 0001362038, 0001362039,
0001362040, 0001362041

OD 40.00, Height 15.55


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 C.E. Bracket

Replacing: 1000505010

 Servicing: 0001204102, 0001207001,
0001207003, 0001207005, 0001207009,
0001207015, 0001207016, 0001207017,
0001207018, 0001207019

OD 32.00, Height 20.00

Pkg. 10


139011 C.E. Bracket

 Replacing: f000a11074, 1000520075,
1000520070, 1000520068, 1000520049,
1000520045, 1000520034

 Servicing: 00010DB98E, 0001106011,
0001106012, 0001106014, 0001106015,
0001106016, 0001106017, 0001106018,
0001106019, 0001106020

Height 19.50

Pkg. 5


139294 C.E. Bracket

 Replacing: 1000505015, 1000505014,
1000505013

 Servicing: 0001112003, 0001112004,
0001112005, 0001112006, 0001112007,
0001112008, 0001112009, 0001112010,
0001112011, 0001112012

OD 28.00, Height 17.75

Pkg. 10


139359 Cover

Replacing: 2000556090

 Servicing: 0001362092, 0001362096,
0001362601, 0001363120, 0001363122,
0001363128, 0001363130, 0001368001,
0001368007, 0001368035

OD 34.60, Height 14.30



231189 C.E. Bracket

Replacing: 2000505001
 Servicing: 0001157001, 0001157002, 0001157003, 0001157004, 0001157005, 0001157006, 0001157008, 0001157011, 0001157012, 0001157015



231278 C.E. Bracket

Replacing: 2000034001, 2000034000
 Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008



233564 C.E. Bracket

Replacing: 1000520055
 Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008, 0001116009



234335 Cover

Servicing: 0001231014
 ID 20.50, OD 23.60, Height 14.20



Pkg. 5

235196 C.E. Bracket

Replacing: 1000520074, 1000520066
 Servicing: 00001115042, 0001106016, 0001106019, 0001106403, 0001106404, 0001106405, 0001106406, 0001107009, 0001107015, 0001107039

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



131449 Oil Seal

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.



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 20.00, OD 32.00, Height 6.30

Pkg. 10


231343 Oil Seal

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 Oil Seal

Replacing: 1000500092, 1000500091

Servicing: 0001121001, 0001121002, 0001121003, 0001121006, 0001121007, 0001121008, 0001121009, 0001121010, 0001121011, 0001121016

ID 28.00, OD 38.00, Height 2.50


236644 Oil Seal

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

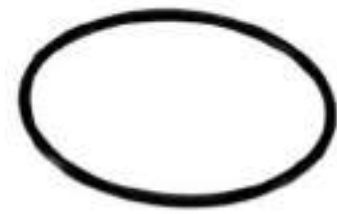

131444 O-ring

Replacing: 2000210083, 2000210014

Servicing: 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402018, 0001402050

ID 142.00, Thickness 3.00, Material Rubber

Pkg. 10


134612 O-ring

Servicing: 0001231012, 0001359111, 0001362039, 0001362092, 0001367010, 0001367039, 0001367070, 0001368070, 0001368304, 0001368306

ID 35.00, Thickness 2.00

Pkg. 10


134613 O-ring

Replacing: 2000210079

Servicing: 0001358020, 0001358047, 0001358049, 0001358051, 0001358200, 0001358201, 0001358202, 0001359016, 0001359019, 0001359038

Thickness 3.00

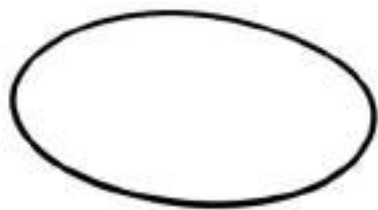
Pkg. 10


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

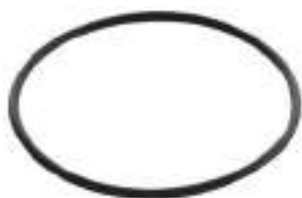
Pkg. 10



136340 O-ring

Replacing: 2000210095
 Servicing: 0001358202, 0001359002, 0001359003, 0001359008, 0001359010, 0001359012, 0001359014, 0001359016, 0001359020, 0001359025
 ID 105.00, Thickness 4.00

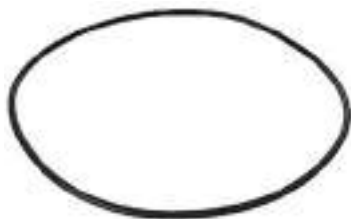
Pkg. 5



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

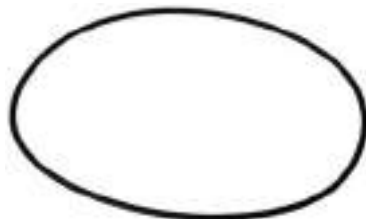
Pkg. 10



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

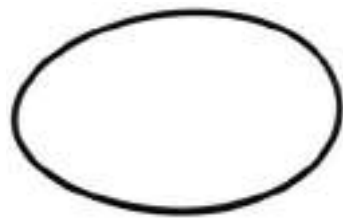
Pkg. 10



230634 O-ring

Replacing: 1900210142
 Servicing: 0001370002, 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010
 ID 40.00, Thickness 2.50

Pkg. 5



237603 O-ring

Replacing: 9003330205
 Servicing: 0001230001, 0001230013, 0001230027, 0001231001, 0001231002, 0001231006, 0001231014, 0001231018, 0001231033, 0001231038
 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, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019
 Length 355.50
 Nut: HC-CARGO 233930. Lock washer: HC-CARGO 233929.

Thru Bolts

Pkg. 10


134561 Through Bolt

Replacing: 9001333521, 9001333520
Servicing: 0001218002, 0001218003,
 0001218006, 0001218007, 0001218009,
 0001218010, 0001218014, 0001218019,
 0001218020, 0001218021
Total length 170.00, **Thread size** M6

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 135.50, **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. 4


136698# Through Bolt

Replacing: 2003526040
Servicing: 0001420001, 0001420002,
 0001420003, 0001420004, 0001420005,
 0001420006, 0001420007, 0001420008,
 0001420009, 0001420010
Total length 80.00, **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


139553 Through Bolt

Replacing: 2003450032, 2003410077
Servicing: 0001364100, 0001364101,
 0001364102, 0001364103, 0001364104,
 0001364105, 0001364200, 0001364201,
 0001364203, 0001364205
Total length 218.00,
Length/ rear collar 214.45,
Thread length 22.80, **Thread size** 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: 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

 <p>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</p> <p style="text-align: right;">Pkg. 5</p>	 <p>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</p> <p style="text-align: right;">Pkg. 5</p>	 <p>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</p> <p style="text-align: right;">Pkg. 2</p>
 <p>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</p> <p style="text-align: right;">Pkg. 5</p>	 <p>231173 Through Bolt Replacing: 1003527037, 1003527024 Servicing: 0001108167, 0001110009, 0001110010, 0001110026, 0001110027, 0001110053, 0001110060, 0001110065, 0001110066, 0001110067 Total length 162.00/182.00, Thread size M5, Thread size/ rear M5</p> <p style="text-align: right;">Pkg. 2</p>	 <p>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</p> <p style="text-align: right;">Pkg. 10</p>
 <p>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</p> <p style="text-align: right;">Pkg. 5</p>	 <p>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</p> <p style="text-align: right;">Pkg. 2</p>	 <p>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</p> <p style="text-align: right;">Pkg. 10</p>



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

Pkg. 10



235686# Through Bolt

Replacing: F00MA45229
 Servicing: 0124515043

Total length 159.50,
 Length/ rear collar 154.00,
 Thread length 31.38,
 Thread size M6x1.00

Various



Pkg. 10

130909 Felt

Replacing: 2001005021

Servicing: 0001402055, 0001402059, 0001402075, 0001402081, 0001402083, BNG4/24, BNG4/24CR231, BNG4/24CRS162, BNG4/24CRS163

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

Pkg. 5



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. 10



132203 Washer

Replacing: 2000101600

Servicing: 0001367302, 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402018

ID 14.20, OD 22.00, 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,
0AA137200B, 0AA137200F

OD 26.00, Height 1.85


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

Pkg. 100


134769 Washer

 ID 22.30, OD 27.20, Thickness 1.60,
Material Fiber

Pkg. 10


134771 Gasket

 Length 15.70, Thickness 8.55,
Width 13.65 mm

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. 5


134958 Insulator

 Servicing: 0001208506, 0001208510,
0001208513, 0001208514, 0001208515,
0001208516, 0001208517, 0001208518,
0001208519, 0001208520

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



135053 Grommet

Servicing: 0001108001, 0001108002, 0001108004, 0001108009, 0001108010, 0001108018, 0001108019, 0001108023, 0001108033, 0001108035

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

Pkg. 100



135195 Lock Washer

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

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



Pkg. 10


135523 Washer
 ID 19.50, OD 33.00, Thickness 1.50,
 Material Fiber

Pkg. 5



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. 10



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 16.70,
 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: 0001106011, 0001106012,
 0001106014, 0001106015, 0001106016,
 0001106017, 0001106018, 0001106019,
 0001106022, 0001106023
 Thickness 2.00, Material Steel
 Stop collar: HC-CARGO 137742.

Pkg. 5



135848 Stop Collar
 Servicing: 0001106405, 0001106406,
 0001107007, 0001107008, 0001107031,
 0001107049, 0001107066, 0001107401,
 0001107402, 0001107403
 ID 11.00, OD 16.70, Height 4.70

Pkg. 10



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. 5



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

136273 Gasket

ID 28.00, ID/ mount. hole 6.15,
OD 54.50, Thickness 1.30,
No./ mount. holes 5



Pkg. 10

136274 Gasket

Servicing: M50
Length 75.00, Thickness 0.55,
Width 8.00 mm



Pkg. 5

136278 Gasket

Servicing: JF, JD series
Length 315.00, Thickness 0.45,
Width 38.00 mm



Pkg. 5

136281 Gasket

Length 300.00, Thickness 0.40,
Width 17.50 mm



Pkg. 25

136306 Insulator Bushing

ID 4.00, OD 6.00, Length 7.90



Pkg. 25

136307 Washer

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

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 12.20, OD 21.30, Thickness 2.00, 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, 0001107105, 0001107110, 0001107111, 0001107450, 0001107451, 0001107461, 0001107462, 0001107508, 0001107509

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, 0001110041, 0001110126, 0001110127, 0001110138, 0001110139, 0001114014, 0001114020, 0001208019

ID 12.00, OD 17.20, Height 5.50, Retaining ring: HC-CARGO 135847.



Pkg. 10

137746 Stop Collar

Replacing: 0001223504, 0001230002, 0001230006, 0001230009, 0001230012, 0001230014, 0001231002, 0001231003, 0001231004, 0001231005

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



137956 Terminal B+

Replacing: 1003480001
Servicing: 0001108123, B001111412
Total length 49.70, Thread length 12.78,
Thread size M8x1.25
B+.

Pkg. 5



138219# Washer

OD 19.90, Thickness 2.00, Material Steel



Pkg. 5

138220# Washer

OD 23.75, 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: 2004114065
Lead length 107.00
Field coil: HC-CARGO 131074, 131134.



138683 Stop Collar Kit

Servicing: 1108, 0001107014, 0001107015, 0001107044, 0001108003, 0001108004, 0001108018, 0001108019, 0001108021, 0001108023

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

Pkg. 5



139006# Gasket

Replacing: 1002391009
Servicing: 0001208211, 0001211228, 0001211246, 0001311043, 0001311100, 0001311110, 0001311111, 0001311131, 0001311150, 0001311152
Length 17.30, Thickness 13.35,
Width 18.35 mm, Material Rubber


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

Replacing: 9001333409, 1004421020, 1003421016, 1003421014, 1003421013, 1003421011, 1003421010, 1003421008

Servicing: 00010DB98E, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019, 0001106020

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


139358 Retaining Flange

Replacing: 2000220099

Servicing: 0001362092, 0001362096, 0001362601, 0001363120, 0001363122, 0001363128, 0001363130, 0001368001, 0001368007, 0001368035

Thickness 3.25,

No./ mount. holes 2, Gasket w/o


139360 Terminal Bolt

Replacing: 2001030032

Servicing: 0001410024, 0001410088, 0001411009, 0001416002, 0001416012, 0001416043, 0001416074, 0001416078, 0001416079, 0001417064

Total length 122.60, Thread length 34.60, Thread size M12

Terminal 30.

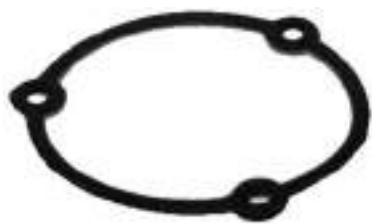
Pkg. 10


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,
No./ mount. holes 3, Material Rubber

Pkg. 5



139810 Brake Washer

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

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 M10x50.00, Spanner size 17.00,
Length 50.00, DIN norm 931,
ISO Norm 4014

Pkg. 200



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

Replacing: 2337010006
Servicing: 0001362001, 0001362002,
0001362003, 0001362004, 0001362016,
0001362027, 0001362028, 0001362029,
0001362030, 0001362038

Pkg. 10



230104 Terminal Lead

Servicing: 0001121018, 0001121019,
0001121024, 0001121025
ID 8.00, Lead length 23.00

Pkg. 10



230373 Rubber Drain

Replacing: 1000306002
Servicing: 0001108188, 0001112018,
0001223013, 0001223501, 0001230001,
0001230003, 0001230004, 0001230005,
0001230006, 0001230007
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

Pkg. 5


230632 Brake Washer

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.

230839# Connection

Replacing: 2001390135

 Servicing: 0001370003, 0001370004,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008, 0001371009,
0001371010, 0001371012

Mount. hole 11.30/16.75,

Mount. hole 2 13.20/18.20,

Total length 50.70

Connecting field coil to solenoid.


230845 Washer Kit

Replacing: 2007010132

 Servicing: 0001370003, 0001370004,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008, 0001371009,
0001371010, 0001371012

Pkg. 2


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



231553 Rubber Boot

Replacng: 9001371006, 0001372002, 0001372003, 0001372005, 0001372006, 0001372007, 0001372008, 0331403003, 0331403004, 2339403006

ID 22.45, OD 61.65, Length 25.60
Solenoid: HC-CARGO 131053, 131141.

Pkg. 5



231647 Rubber Drain

Replacng: 6033ac1622, 6033ac1436, 6033ac0250

Servicing: 0001218110, 0001218135, 0001218136, 0001218137, 0001218602, 0001218620, 0001218703, 0001218710, 0001218711, 0001218712

OD 5.65, Length 31.10

Pkg. 10



233631 Screw

Replacng: 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

Pkg. 10



231596 Solenoid Screw

Replacng: 9001333448, 6033ac4017, 2003429072, 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



232189 Felt

Replacng: 2000205001

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

Pkg. 10



233928 Terminal Bolt

Replacng: 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



232978 Washer

Servicing: 0001230006, 0001230012, 0001230014, 0001231002, 0001231003, 0001231004, 0001231008, 0001231009, 0001231011, 0001231013

ID 8.00, OD 17.00, Thickness 0.30,
Material Metal

Pkg. 10



233929 Lock Washer

ID/ housing 10.20,
OD/ housing 20.55, Thickness 5.35,
Type Lock washer, Material Steel
Rod: HC-CARGO 134441.

Pkg. 10



231646 Bolt

Replacng: 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



233573 Spacer

Replacng: 1000516007, 1000516004

Servicing: 0001107012, 0001107013, 0001107018, 0001107041, 0001107043, 0001107047, 0001107076, 0001108011, 0001108021, 0001108042

ID 5.30, OD 19.70, Height 6.00



233930 Nut

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

Pkg. 5


234885# Gasket

Servicing: 0001116001

Width 7.76/5.01 mm


235295 Pin

Replacing: 2917570195

 Servicing: 0001107076, 0001108107,
0001108123, 0001108153, 0001108166,
0001108167, 0001108189, 0001108402,
0001108411, 0001108412

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,
No./ mount. holes 0, Type Starter,
Material Rubber

Pkg. 10


236456 Grommet

 ID/ mount. hole 3.50, Length 31.65,
Thickness 6.55, Width 20.10 mm,
No./ mount. holes 1, Type Starter,
Material Rubber

237750 Cover for solenoid

 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: 0001109205, 0001109304, 0001109305, 0001109324, 0001109325

Length 60.00, Thickness 5.18,
Width 80.00 mm,
Type Starter, Material Rubber



333480 Protection Cap

Replacing: 2000558001

Servicing: 0136501019, 0136501025, 0136501038, 0136501041, 0136503002, 0136503004, 0136602001

Length 52.50, Thickness 28.00,
Width 27.00 mm



333481 Protection Cap

Replacing: 1339999020

Servicing: 0120600502, 0136500026, 0136500028, 0136501066, 0136501067

Length 57.30, Thickness 25.00,
Width 25.00 mm



Pkg. 5

333580 Rubber Boot

Manufacturer: Bosch

Replacing: 3130558000

Servicing: 0101206151, 0101209031, 0101209041, 0101302029, 0101356006, 0120300535, 0120300552, 0120300562, 0120300567, 0120300575

ID 2 5.70, ID 12.50, OD 11.12,
OD 19.50, Length 42.32,
Thickness 23.00, Width 19.15 mm,
No./ mount. holes 2, Material Rubber
Alternative no.: 333627



Pkg. 5

333583 Rubber Boot

Manufacturer: Bosch

Replacing: 2000558000

Servicing: 0001402018

ID 2 18.25, ID 26.00, OD 24.20,
OD 31.30, Length 67.90,
Thickness 28.80, Width 27.50 mm,
No./ mount. holes 2, Material Rubber



Pkg. 5

333633 Stop Collar

Replacing: 2000328021

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023

Armatures
12 Volt


234204 Armature
 Replacing: 692034, 497603
 Servicing: 282700, 497594, 497595, 497596, 693054, 693551, 695479
 Shaft length 167.00, Core thickness 55.00



234210# Armature
 Replacing: 392747, 390837
 Servicing: 390838, 392749, 393017, 394674, 394805, 394808, 498149
 Shaft length 166.35, Core thickness 55.15

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
 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 3, 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
 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,
 Splines 2, No./ teeth 16



234466 Pinion
 ID 15.90, OD 40.60/1.60",
 Height 19.80/0.78", 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

Pkg. 10


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 Volt

134108 Armature

Replacing: 852529, 852506, 851330, 850262, 850261

Servicing: 850277, 850604, 850606, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851515, 851539, 852563, 852651, 854139

7 kW, Shaft length 450.00,
Core thickness 83.00, No./ splines 19


233966# Armature

Replacing: 859134, 589134

Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/12, LNS4524/13, LNS4524/14, LNS4524/15, LNS4524/16, LNS4524/17

4.5 kW, Shaft length 347.00,
Core thickness 80.00, No./ splines 3

Field Coils
24 Volt

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 Volt

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

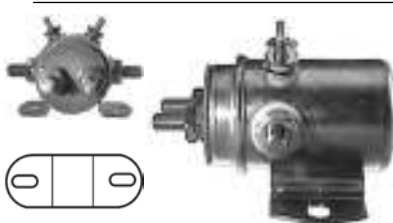
Cap: HC-CARGO 132141. Moving contact: HC-CARGO 132142. Insulated return.


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


137766 Solenoid

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

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



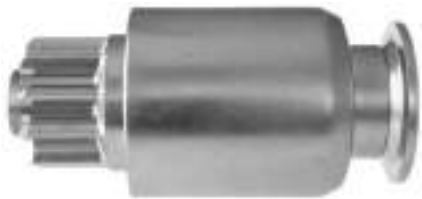
131056 Drive

Replacing: 852762
 Servicing: 40MT, 42MT, 50MT
 ID 15.90, OD 46.20,
 OD/ housing 57.65, Total length 120.40,
 Shaft length 15.90 (5/8"), 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",
 Shaft length 19.00/0.748", 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",
 Shaft length 19.00/0.748", 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

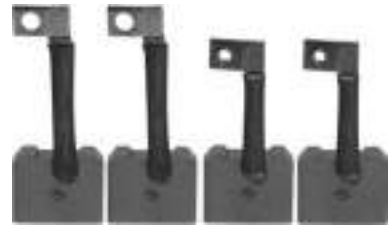


232228 Drive

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

Pkg. 5



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 19.05
 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 Volt

130136 Armature

Replacing: a889, 6211-270, 6211-26b, 6211-26

Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320092, 1320161, 1320183, 1320502, 1320510

3.6 kW, Shaft length 355.00, Core thickness 74.40, No./ splines 3, Rotation CR
4 holes.

24 Volt

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

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

4 kW, Shaft length 364.00, Core thickness 82.00

Field Coils
12 Volt

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

24 Volt

138783 Field Coil

Replacing: f523, 5933-602f

Servicing: 1321021, 1321032, 1321041, 1321182, 1321471, 1321491, 1321580, 1321600, 1321700, 1321780, 1321F022, 1321F032, 1321F042

24 V, 5.2 kW, Height 136.50, Internal height 94.75, Inner width 29.15

Solenoids
12 Volt

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


132596 Solenoid

Replacing: 6211-191

Servicing: 1320035, 1320036, 1320294, 1320352, 1320552, 1320601, CA45D12-15, CA45D12-29M, CA45D12-3, CA45D12-35M, CA45D12-3M

12 V, OD 98.30, Total length 60.00
Insulated return.


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 Volt

130332 Solenoid

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.

138390 Solenoid

Replacing: bbng-5g, 18221a01, 1821054

 Servicing: 1343021, 1343035, 1343041, 1343051, 1343061, 1343071, 1343113, 1343151, 1343171, 1343181, 1343232, 1343251, 1343271
 24 V

139709# Solenoid

Replacing: 6211-773, 6211-546

 Servicing: ca45g24-11m, ca45g24-3m
 24 V
 Insulated return.

230436 Solenoid

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

130899# Drive

Replacing: 5549-306cm

Servicing: 1373360, 1373390, 1373400, 1373404, 1373407, 1382351, 1382610, 1386230, 1386270, 1386280, 1386310, 1386471, 1386511

 ID 14.70, OD 45.90, Total length 117.00,
 Splines A 3, No./ teeth 12

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.



131305# Drive

Replacing: 5549-306t

Servicing: 1382033, 1382034, 1382091, 1382251, 1382252, 1382382, 1382630, 1386111, 1386330, 1386350, 1386360, 1386461, 1386491
ID 14.60, OD 45.90, Total length 117.00, Splines A 3, No./ teeth 13



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.



133012# Drive

Replacing: 6211-66l

Servicing: 1321021, 1321032, 1321182, CA45D24-15, CA45D24-18, CA45D24-2, CA45D24-3, CA45D24-51, CA45D24-65
ID 15.70, OD 39.50, Total length 138.75, Splines A 3, No./ teeth 10
6 holes. Bronze.



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

138825# Drive

Replacing: 5549-306j

 Servicing: bs512p-66, bs512p-86, bs524p-2,
bs524p-2m

 ID 14.75, OD 39.50, Total length 120.00,
Splines A 3, No./ teeth 11
Bronze.

139893 Drive

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.

234802# Drive

Replacing: 6211-700f

 Servicing: 1321G033, 1321G551, 1321G906,
1321h033, 1321H551, 1321H906, CA45G24-104M,
CA45G24-3M, CA45G24-55M, CA45H24-104M

 OD 39.00, Total length 139.00,
No./ teeth 10
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



230364# Spring

Replacing: 6211-860
 Servicing: 1403010, S114HD24-2, s115hd24-2, ZGS002, ZGS003
 OD 22.00, Length 74.00

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

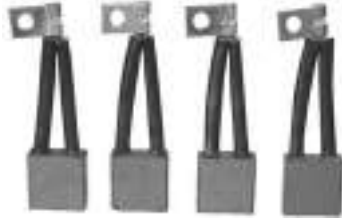
Pkg. 4



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



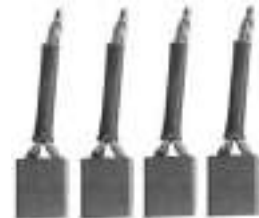
ASX16-178 Brush Set

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


140169# Bushing

Replacing: 5549-270

 Servicing: 1372033, 1373281, 1373360, 1373390, 1373400, 1373404, 1373407, 1382013, 1382014, 1382033, 1382034, 1382052, 1382091
 ID 21.65, OD 25.05, Length 27.00
 Alternative no.: b140169

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


140172 Bushing

Replacing: 5586-160

 Servicing: 1330011, 1330032, 1330661, 1330861, 1331041, 1331172, 1331181, 1331371, 1331441, 1331451, 1331520, 1331670, 1331841
 ID 16.67, OD 19.60, Length 19.00
 Alternative no.: b140172

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

141004# Bushing

Replacing: 6400-248

 Servicing: 1333480, 1333520, 1372033, 1373360, 1382102, 1382152, 1382313, 1382411, 1382441, 1382481, 1382501, 1382610, 1382630
 ID 35.48, OD 39.10, Length 34.00

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


B140170 Bushing

Replacing: 5549-307

 ID 22.05, OD 26.05, Length 28.00
 Alternative no.: 140170

Pkg. 100


B140173 Bushing

Replacing: 6211-303, 5933-603

 ID 15.95, OD/ collar 23.70, OD 19.13,
 Length 18.00, 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, Rolls 17

Pkg. 10


141042# Axial needle Bearing

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 15.00, OD 28.00, Height 2.00, Rolls 20

Pkg. 10


141043# Axial Bearing Washer

ID 15.00, OD 28.00, Thickness 1.00, Material Steel

Repair Kits

130850 Repair Kit

Replacing: 6010-127, 521

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320515, 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

Pkg. 5


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

Pkg. 10


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. 5


230380[#] O-ring

Replacing: 6211-675n

Servicing: 1327470, 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S114HD24-2, S11524-20X, S11524-23, S11524-23X, S11524-7

ID 11.90, Thickness 1.78

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


230382[#] O-ring

Replacing: 6211-675m

Servicing: 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7X

ID 31.35, Thickness 0.80

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 mm

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

Pkg. 5


132983 Plug

Replacing: 6211-500

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

OD 13.00, Height 2.25


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 mm

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 mm

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

Pkg. 10



139712# Plug

Replacing: 6211-648

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X

OD 18.50



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. 10


139724# Protection Cap

Replacing: 6265-704

Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F513, 1320F515, 1320G027

ID 20.80, OD 26.30, Height 12.50

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

Pkg. 2


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. 10


230100 Oil Wick

Replacing: 5586-529

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F035, 1320F036

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


230366# Pin

Replacing: 6211-662

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, S11524-20X, S11524-23, S11524-23X, S11524-7

OD 3.50, Length 14.00

Pkg. 10


230368 Steel Ball

Replacing: nc7-17

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.



230435# Terminal

Replacing: 6510-2

Servicing: 1403010, S114HD24-2, s115hd24-2, ZGS002, ZGS003

Total length 58.60, Thread length 34.95,

Thread size M12



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 mm 24 V.

Pkg. 10



230438# Insulator

Replacing: 5587-192

Servicing: 1403010, S114HD24-2, s115hd24-2, ZGS002, ZGS003



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. 5



230442# Insulator

Replacing: 5936-374

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, CA45F24-18, CA45F24-2, CA45F24-4

ID 3.95, OD 12.50, Thickness 1.70

Pkg. 5



230443# Rivet

Replacing: 5336-372

Servicing: 1327470, 1327471, 1327A620, S11524-7, S11524-7X, S115A24-11M, S115A24-15M, S115A24-22, S115A24-23, S115A24-3M

OD 3.90, OD/ collar 7.95, Length 13.65, Height/ collar 0.90, Collar w/

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



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 Volt


130552 Armature

Replacing: 2525283

Servicing: 35MT, 2098879

Shaft length 394.00,

Core thickness 85.00, No./ splines 3,

Rotation CR

Short shaft.

Field Houses
Field House Parts
Pole Shoes


Pkg. 10

235422# Pole Shoe

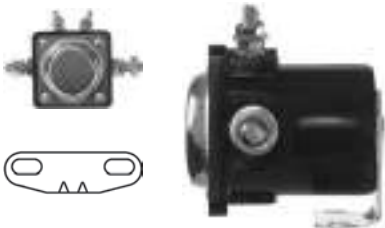
Replacing: 3226629, 3180465

Length 46.00, Thread size M10x1.50,

Height 14.50, Width 24.50

Solenoids

12 Volt


130493 Solenoid

Replacing: 3225629, 2098360

12 V, Intermittent load 150 Amp.,

B+ 5/16" UNF, KI. 50 10-32 UNF,

OD 42.30, Total length 62.30,

Height/ B+ 15.00, Width/ kl. 50 10.50,

Coil bolt 5/16" UNF, Coil bolt 2 15.00,

No./ terminals 4


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.


131392# Solenoid

Replacing: 2275554, 2275553, 2075553

Servicing: 2095150, 2098500

12 V, ID/ cover 27.75, OD 55.20,

Total length 58.70

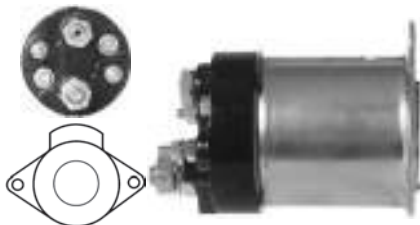

131393# Solenoid

Replacing: 3932813, 3837337, 3755267

Servicing: 2875560, 4091950

12 V, ID/ cover 27.95, OD 56.00,

Total length 57.80


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

Insulated return.

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, 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

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

140186 Bushing

Replacing: 2098986, 2095410

ID 11.99, OD 15.11, Length 18.67

140187 Bushing

 Replacing: ch1414, 3874817, 3656382,
 3556382

ID 11.97, OD 15.24, Length 19.05

140194 Bushing

Replacing: ch1411, 2098987

ID 17.53, OD 20.65, Length 17.81

Sundry Parts
Various

233667 Nut

 Servicing: 2875560, 3656575, 3755900,
 4091975

Thread 10-24, OD 5.00/16", Lock nut Yes


233672# Washer

Replacing: 3755661

 Servicing: 2095150, 2098500, 3656575,
 3755900

 ID 26.00, OD 38.00, Thickness 1.50,
 Material Fiber

Pkg. 5

Pkg. 5

Pkg. 10

Pkg. 10

Pkg. 5

Pkg. 10

Armatures
12 Volt

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

0.9/1/1.2 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

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

0.8 kW, Shaft length 226.10, Core thickness 59.90, No./ splines 10, Rotation CR


133706# Armature

Replacing: 028200-5400

Servicing: 128000-2750, 128000-3400, 128000-3780

0.5 kW, Shaft length 119.70, Core thickness 34.00, No./ splines 19


133713 Armature

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

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

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

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

1.4/1.6 kW, Shaft length 147.90, Core thickness 50.20, No./ splines 19, Rotation CR/ACR


134946 Armature

Replacing: 028200-1070, 028200-0820

Servicing: 028000-3500, 028000-3501, 028000-4030, 028000-4031, 028000-4032, 028000-4042, 028000-4500, 028000-4520, 028000-4600

0.6 kW, Shaft length 222.80, Core thickness 60.00, No./ splines 10, Rotation CR


135626 Armature

Replacing: 028200-2690

Servicing: 028000-9900, 028000-9901, 028000-9902, 128000-0600, 128000-2860, 128000-2861, 128000-2862, 128000-4480, 228000-2560

0.8/0.9 kW, Shaft length 204.00, Core thickness 60.00, No./ splines 10, Rotation CR


135824 Armature

Replacing: 028200-2010

Servicing: 028000-3730, 028000-6520, 028000-7280, 028000-7290, 028000-7440, 028000-7490, 028000-7500, 028000-7630, 028000-7720

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
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
0.6 kW, Shaft length 197.00, Core thickness 50.40, No./ splines 10, Rotation ACR


136884 Armature

Replacing: 028200-5871

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6340, 128000-6341
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
1.4 kW, Shaft length 128.65, Core thickness 49.25, No./ teeth 9


137953 Armature

Replacing: 028200-6260

Servicing: 128000-7010, 128000-7122, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714, 128000-8220
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
2.2 kW, Shaft length 167.45, Rotation CR, Core thickness 54.20, No./ teeth 19


138383 Armature

Replacing: 028200-0910

Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975, 028000-1976
0.6 kW, Shaft length 245.00, Core thickness 60.00, No./ splines 10


138757 Armature

Replacing: 028200-1151, 028200-1150

Servicing: 028000-4790, 028000-4840, 028000-5350, 028000-5720, 028000-6070, 028000-6330, 028000-6510, 028000-6511, 028000-7270
0.8 kW, Shaft length 226.00, Core thickness 60.00, No./ splines 10, Rotation ACR


139148 Armature

Replacing: 028200-6860

Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2700
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
3 kW, Shaft length 210.50, Core thickness 64.80, No./ splines 18, Rotation CR


231894# Armature

Replacing: 028200-6870

Servicing: 228000-2990, 228000-3260, 228000-4090, 228000-4092, 228000-4093, 228000-5860, 228000-5861, 228000-5862
2 kW, Shaft length 160.80, Core thickness 50.47, No./ splines 9, No./ teeth 9


233812 Armature

Replacing: 028200-6880

Servicing: 228000-4960, 228000-4961, 228000-5382
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
 6.2 kW, Shaft length 197.20,
 Core thickness 76.20, No./ teeth 20
 Gear reduction.



234608# Armature

Servicing: 128000-3090, 128000-3091, 128000-4230, 128000-4540, 128000-8690, 128000-8960, 228000-4640, 228000-4641, 428000-1570
 0.6 kW, Shaft length 172.90,
 Core thickness 50.35, No./ splines 10,
 Rotation CR



235827 Armature

Replacing: 028200-5050
 Servicing: 128000-0980, 128000-0981, 128000-5410, 128000-5411
 1.4 kW, Shaft length 135.40,
 Core thickness 47.00, No./ teeth 9



236958 Armature

Replacing: 028200-5991
 Servicing: 128000-6210, 128000-6211, 128000-6212, 128000-7400, 128000-8870, 128000-8871, 128000-8880, 128000-8881, 128000-8970
 1.2 kW, Shaft length 110.95,
 Core thickness 44.75, No./ splines 11,
 Rotation ACR



237378 Armature

Servicing: 428000-0670, 428000-0680, 428000-1750, 428000-7710
 1.4 kW, Shaft length 101.00,
 Core thickness 50.55, No./ teeth 9



237879 Armature

Servicing: 428000-0660, 428000-0720, 428000-1620
 1.9 kW, Shaft length 136.80,
 Core thickness 48.50, No./ splines 11,
 Rotation CR



238843 Armature

1 kW, Shaft length 202.00,
 Core thickness 51.58, No./ splines 12,
 No./ teeth 10



239078 Armature

Servicing: 428000-1640, 428000-3370, 428000-3372
 1.1 kW, Shaft length 101.33,
 Core thickness 50.60, No./ splines 22,
 No./ teeth 9, Rotation CR

24 Volt



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
 4.5 kW, Shaft length 187.00,
 Core thickness 59.95, No./ splines 9,
 No./ teeth 9, Rotation CR/ACR



138675 Armature

Replacing: 028200-5250
 Servicing: 128000-2450, 128000-2560, 128000-2740, 128000-4250, 128000-4682, 128000-4683, 128000-4684, 128000-4685, 128000-4687
 5.5 kW, Shaft length 210.50,
 Core thickness 65.00, No./ teeth 18,
 Rotation CR

Yokes w/magnets

12 Volt



139436 Yoke

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 Field Case

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, Magnets w/o
Field coil only: HC-CARGO 235245.


135790 Field Case

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, Magnets 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, Magnets w/o


136885 Field Case

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, Magnets 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, Magnets w/o


137350 Field Case

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 Field Case

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, Magnets w/o


137977 Field Case

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, Magnets w/o


138355 Field Case

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, Magnets w/o


139149 Field Case

Replacing: 028100-6970

Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2980

12 V, 2 kW, OD/ middle 78.00, Length 67.50, Brush gear w/o, Magnets 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, Magnets w/o


230057 Field Case

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, Magnets w/o


230894# Field Case

Replacing: 028100-3541

Servicing: 028000-7110, 028000-7111, 028000-7580, 028000-7581, 028000-7720, 028000-8590, 028000-9361, 128000-0350, 128000-0351

12 V, 0.8/0.9 kW, OD/ middle 91.00, Length 71.65, Brush gear w/o, Magnets w/o


231732 Field Case

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, Magnets w/o


234420# Field Case

Servicing: 228000-4960, 228000-4961, 228000-7710

12 V, 1.8 kW, OD/ middle 78.15, Length 69.80, Brush gear w/o, Magnets w/o


235097 Field Case

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, Magnets w/o

Field Coils

12 Volt


135749 Field Coil

Replacing: 028100-2641, 028100-2540, 028100-2450

Servicing: 028000-3641, 028000-3642, 028000-4343, 028000-4450, 028000-4512, 028000-4990, 028000-5060, 028000-5190, 028000-5390

12 V, 1.4 kW, Height 98.00, Internal height 65.55, Inner width 18.00


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


138382 Field Coil

Replacing: 028110-2010, 028110-1320, 028110-1211

Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975

12 V, 0.8 kW, Height 95.15, Internal height 60.80, Inner width 22.25


138384# Field Coil

Replacing: 028110-0741, 028110-0740

Servicing: 028000-3730, 028000-4790, 028000-5720, 028000-6070, 028000-6330, 028000-6510, 028000-6511, 028000-7311, 028000-8020

12 V, 0.6 kW, Height 76.00, Internal height 42.20, Inner width 23.80


232907# Field Coil

Replacing: 028100-4410

Servicing: 128000-0490, 128000-2470, 128000-3361, 128000-4220, 128000-4910, 128000-5370, 128000-5510, 128000-5620, 128000-5720

12 V, 3 kW, Height 108.15, Width 222.00, Internal height 71.25, Inner width 22.80

24 Volt

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


135752# Field Coil

Replacing: 028100-3311, 028100-3310

Servicing: 028000-6200, 028000-6201, 128000-7600, 128000-7601, 128000-7602, 128000-7603, 128000-7604, 128000-8061, 128000-8062

24 V, 4.5 kW, Height 99.55, Internal height 60.55, Inner width 23.00


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

134507 C.E. Bracket

Replacing: 028501-7040, 028501-1410

Servicing: 028000-9510, 128000-2210, 128000-3500


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


137855# C.E. Bracket

Replacing: 028501-6210

Servicing: 128000-2830, 128000-2851, 128000-3190, 128000-8200, 228000-2851, 228000-2853

ID 71.50


138156# C.E. Bracket

Replacing: 028501-1240

Servicing: 028000-7700, 028000-9320, 028000-9321, 128000-0130, 128000-0300, 128000-2190, 128000-3190, 128000-5110


230852 C.E. Bracket

Replacing: 028500-6410, 028500-5730, 028500-5430, 028500-5320

Servicing: 128000-3250, 128000-3251, 128000-3260, 128000-3261, 128000-4050, 128000-4060, 128000-4800, 128000-5480, 128000-6111

ID 64.30


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: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2700

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



231638 C.E. Bracket

Replacing: 028501-7850, 028501-1460, 028501-1380

Servicing: 028000-9270, 028000-9380, 128000-0620, 128000-0621, 128000-0622, 128000-1170, 128000-1250, 128000-1251, 128000-1630

ID 71.90



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



136071# D.E. Bracket

Replacing: 028400-5830

Servicing: 028000-9260, 028000-9261, 128000-0500, 128000-3340, 228000-2880, 228000-3200, 228000-3290


136073 D.E. Bracket

Replacing: 028400-6220

Servicing: 028000-9720, 128000-2060


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

136574# D.E. Bracket

Servicing: 128000-8200


136757 D.E. Bracket

Replacing: 128400-3500

Servicing: 128000-3500, 128000-7500


136934# D.E. Bracket

Replacing: 128401-0220, 128400-0220

Servicing: 128000-0220


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

137079 D.E. Bracket

 Replacing: 31151-85290, 128400-3640,
128400-1861

 Servicing: 028000-9090, 028000-9091, 128000-
1861, 128000-1862, 128000-1863, 128000-3641

137377 D.E. Bracket

Replacing: 028401-5811

 Servicing: 028000-6290, 028000-6291,
028000-6292

137378# D.E. Bracket

Replacing: 128401-0060

Servicing: 128000-0040


137423# D.E. Bracket

Replacing: 128400-1440

 Servicing: 128000-1440, 128000-1441,
228000-4320

137434# D.E. Bracket

Replacing: 128400-1070, 028400-4870

 Servicing: 028000-7580, 028000-7581,
128000-1070, 128000-2170, 128000-2430,
128000-2431, 128000-3231

137440# D.E. Bracket

Replacing: 028400-4840

 Servicing: 028000-7600, 028000-8580,
028000-8581, 128000-1220, 128000-4840

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



137645# D.E. Bracket

Replacing: 128400-9880
 Servicing: 128000-9860, 128000-9880, 228000-1900



137646# D.E. Bracket

Replacing: 128400-7190
 Servicing: 128000-7190, 128000-7191



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



139454# D.E. Bracket

Servicing: 128000-1180, 128000-1181



139769 D.E. Bracket

Replacing: 228400-1100
 Servicing: 228000-1100, 228000-1710



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, 128000-5680, 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


234187# D.E. Bracket

Replacing: 128400-6780

Servicing: 128000-6780, 128000-7840


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 140183,
140187, 140194.

234893 D.E. Bracket

 Servicing: 028000-9270, 128000-1250,
128000-1251

 Bushing in D.E. bracket: HC-CARGO 140183,
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: 228000-3980, 228000-3981

Solenoids

12 Volt


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.

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.

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

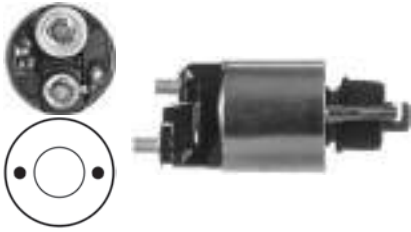
Cap: HC-CARGO 131374.


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.

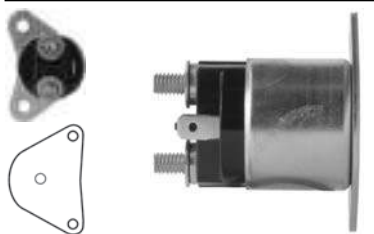


133675 Solenoid

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

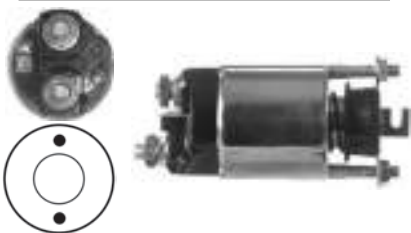
Cap: HC-CARGO 133099.


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.

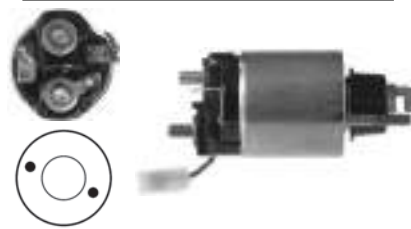

133809 Solenoid

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

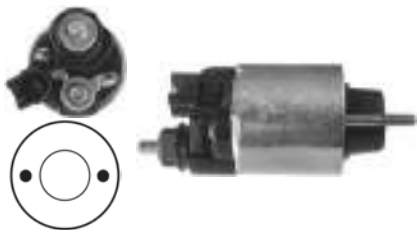
Cap: HC-CARGO 137797.


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.

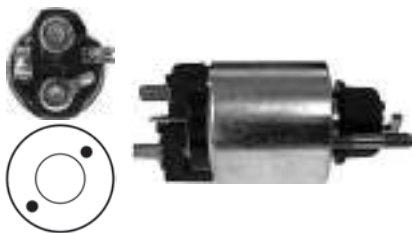

138014 Solenoid

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

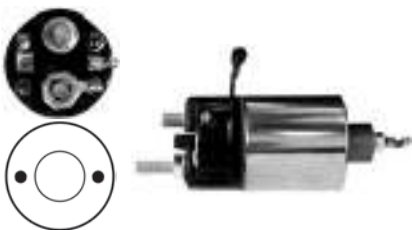
Servicing: 028000-9220, 028000-9221, 128000-1540, 128000-1541

 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

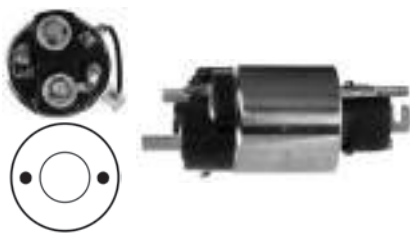
Replacing: 028300-4030

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

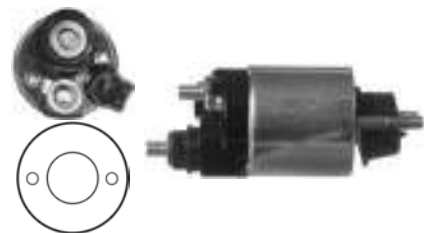
Servicing: 028000-6560, 028000-7430, 028000-7431, 128000-4340, 128000-5330, 128000-5331, 128000-6060, 128000-6070, 128000-6080

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+ M12, 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

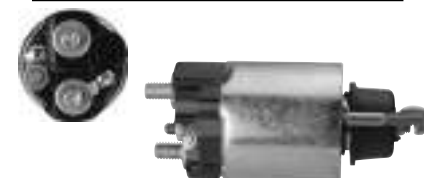
 12 V, B+ M8, OD 50.80, OD/ cover 50.70, Total length 123.00, Height/ B+ 9.40, Coil bolt M8, Coil bolt 2 11.35, No./ terminals 3
 Cap: HC-CARGO 234128. Moving contact: HC-CARGO 135016.

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

235775 Solenoid

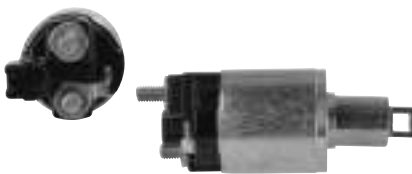
Replacing: 153400-3611, 153400-3610

 Servicing: 228000-5290, 228000-5300,
 228000-5301, 228000-5302, 228000-5303
 12 V, B+ M8, OD 93.65,
 No./ terminals 3

235859 Solenoid

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

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

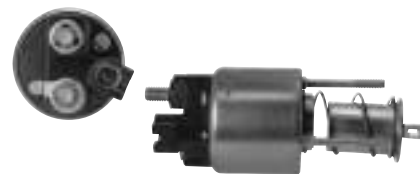
237891 Solenoid

Servicing: 428000-1620

 12 V, OD 54.00, Total length 119.00,
 No./ terminals 3
Cap: HC-CARGO 237892.

237977 Solenoid

Servicing: 428000-0680, 428000-0700

 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, Kl. 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, Kl. 50 M5, OD 53.90,
 Total length 121.28, Height/ B+ 17.74,
 Width/ kl. 50 13.60, Coil bolt M8,
 Coil bolt 2 10.32

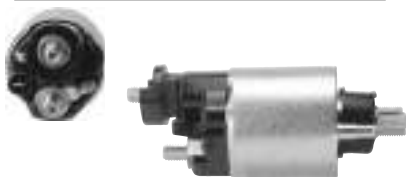
330642 Solenoid

Servicing: 428000-3180

 12 V, B+ M8, Kl. 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


330847 Solenoid

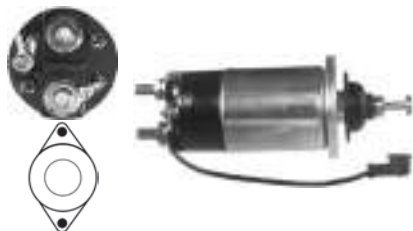
Servicing: 228000-7800, 228000-7801
 12 V, B+ M8, Kl. 50 6.30,
 Total length 94.00, Height/ B+ 15.50,
 Coil bolt M8, Coil bolt 2 8.50,
 No./ terminals 3


331918 Solenoid

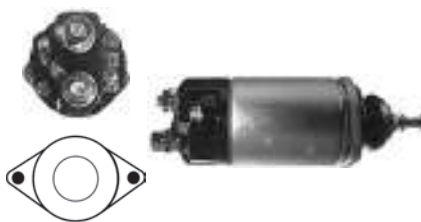
Replacing: 153400-4401
 12 V, B+ M8, Kl. 50 6.30, OD 49.90,
 Total length 125.00, Height/ B+ 12.00,
 Coil bolt M8, Coil bolt 2 11.50,
 No./ terminals 3


331929 Solenoid

Servicing: 228000-9872
 12 V, B+ M8, Kl. 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

24 Volt

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 Volt

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


138002 Solenoid Assy

Replacing: 153400-1280, 153400-0340,
 053400-8320
 Servicing: 028000-9270, 128000-1250,
 128000-1251, 128000-3480, 128000-3481,
 128000-3482, 128000-5950, 128000-5951,
 128000-5952
 12 V, B+ M8, OD 62.35,
 Total length 139.60, Height/ B+ 11.40,
 Coil bolt M8, Coil bolt 2 7.00


138183 Solenoid Assy

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


138184 Solenoid Assy

Replacing: 153400-3290, 053400-9361,
 053400-8260
 Servicing: 128000-3340, 128000-4420,
 128000-5780, 128000-5781, 228000-0311,
 228000-3330, 228000-3331, 228000-3332,
 228000-5920
 12 V, B+ M8, OD 62.25,
 Total length 122.55, Height/ B+ 11.40,
 Coil bolt M8, Coil bolt 2 8.25


138420 Solenoid Assy

Replacing: 053400-9710

Servicing: 128000-9380, 228000-0470, 228000-0471, 228000-0472, 228000-0473

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

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.

139490# Solenoid Assy

Servicing: 128000-1180, 128000-1181

12 V, B+ M8, Kl. 50 9.40, OD 63.55,

Total length 121.85, Height/ B+ 12.00, Coil bolt M8, Coil bolt 2 9.20


230488 Solenoid Assy

Replacing: 153400-1150, 053400-6321

Servicing: 028000-9121, 028000-9580, 128000-0120, 128000-0280, 128000-0281, 128000-2140, 128000-2600, 128000-4750, 128000-5080

12 V, B+ M8, Kl. 50 6.30, OD 66.00,

Total length 121.30, Height/ B+ 11.75, Coil bolt M8, Coil bolt 2 8.50


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


230562# Solenoid Assy

Replacing: 053400-9350

Servicing: 128000-5760

12 V, B+ M8, Kl. 50 6.30, OD 63.60,

Total length 122.50, Height/ B+ 10.30, Width/ Kl. 50 9.95, Coil bolt M8,

Coil bolt 2 5.65


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, KI. 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


232478# Solenoid Assy

Replacing: 053400-6471, 053400-6470
Servicing: 028000-5730, 128000-0111, 128000-0710, 128000-3410, 228000-0110, 228000-0111
 12 V, B+ M8, OD 62.40,
Total length 120.90, **Height/ B+** 11.30,
Coil bolt M8, **Coil bolt 2** 8.00


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, KI. 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


233897# Solenoid Assy

Replacing: 153400-4030
Servicing: 128000-7390, 128000-8400, 128000-9710, 128000-9720, 228000-0420
 12 V, B+ M8, OD 60.40,
Total length 94.60, **Height/ B+** 11.40,
Coil bolt M8, **Coil bolt 2** 8.00


233932# Solenoid Assy

Replacing: 153400-0890
Servicing: 128000-6780, 228000-1140
 12 V, B+ M8, KI. 50 6.30, OD 62.30,
Total length 122.00, **Height/ B+** 11.40,
Coil bolt M8, **Coil bolt 2** 8.00


234143 Solenoid Assy

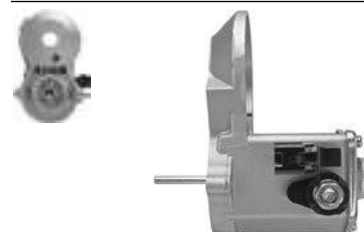
Replacing: 153400-4293, 153400-4292, 153400-4291
Servicing: 228000-5020, 228000-5021, 228000-5022, 228000-5023
 12 V, B+ M8, KI. 50 6.30, OD 62.30,
Total length 121.40, **Height/ B+** 11.55,
Coil bolt M8, **Coil bolt 2** 7.85


234419 Solenoid Assy

Replacing: 153400-3831
Servicing: 228000-3980, 228000-3981, 228000-4960, 228000-4961, 228000-7220
 12 V, B+ M8, KI. 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


234879 Solenoid Assy

Replacing: 153400-2810
Servicing: 228000-2260, 228000-2261
 12 V, B+ M8, **Height/ B+** 13.30


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



234916# Solenoid Assy

Replacing: 153400-3682, 153400-3681, 153400-3680

Servicing: 228000-2940, 228000-2960
12 V, B+ M8, Height/ B+ 19.10



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

Replacing: 153400-4532, 153400-4531

Servicing: 228000-4930, 228000-5340, 228000-5341, 228000-5342, 428000-0290, 428000-3110

12 V



235375 Solenoid Assy

Replacing: 153400-5011, 153400-3503, 153400-3501

Servicing: 228000-3640, 228000-3641, 228000-3642, 228000-9220, 228000-9221

12 V

24 Volt



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

24 V, B+ M10, Kl. 50 M5, OD 71.00



233454 Solenoid Assy

Servicing: 228000-5641

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

12 Volt



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


234661 Solenoid Assy

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

24 Volt

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

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
24 V, ID 21.00, OD 46.70



138940 Solenoid Coil
24 V, ID 21.10, OD 46.75



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
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
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
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
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

No./ terminals 4, Bracket type Crimp
HC-CARGO 134933.


137371 Solenoid Cap

Servicing: 053400-8510, 228000-5400, 228000-5910

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

No./ terminals 3
HC-CARGO 132641, 134413.


234128 Solenoid Cap

Servicing: 228000-7581, 228000-7591

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

No./ terminals 3
HC-CARGO 136886.


237892 Solenoid Cap

Servicing: 428000-1620

No./ terminals 3


237978 Solenoid Cap

Servicing: 428000-0680, 428000-0700, 428000-0720, 428000-3180, 428000-7710

No./ terminals 3, Bracket type Crimp


331957 Solenoid Cap

Servicing: 428000-1760

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


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


131833 Contact Kit

Servicing: 128000-1790, 228000-5641

Pkg. 5


132064# Terminal Contact

Servicing: 028000-4550, 028000-5120, 028000-6030, 028000-6031, 028000-6040, 028000-6041, 028000-6620, 028000-6700, 028000-6701


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


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.


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


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


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

Pkg. 10


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


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.


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

Pkg. 5


233069 Contact Plate

Servicing: 028000-9380, 053660-0401, 053660-7050, 053660-7100, 128000-1050, 128000-1630, 128000-1770, 128000-3350, 128000-6280

Thickness 2.00

Pkg. 5


233077 Contact Plate

Servicing: 053660-7120, 053660-7150
Thickness 2.00

Pkg. 5



233078 Contact Plate

Servicing: 053660-0443, 053660-0660
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, 428000-0720, 428000-3180
Length 24.25, Thickness 1.60, Width 12.50



Pkg. 10

332661 Contact Plate

Servicing: 228000-0940, 228000-0941, 228000-2900
Length 25.50, Thickness 4.25, Width 12.30

Fixed Contacts

Pkg. 10



139640 Fixed Contact

Total length 45.70, Thread length 24.20, Thread size M10

Pkg. 10



139641 Fixed Contact

Thread M10, Total length 33.20, Thread length 18.50

Pkg. 10



139642 Fixed Contact

Servicing: 228000-3620, 228000-3621, 228000-3622, 228000-4980, 228000-4981, 228000-4982, 428000-0250
Total length 27.71, Length/ rear collar 24.28, Thread length 14.27, Thread size M8

Pkg. 10



139643 Fixed Contact

Thread M8, Total length 29.80, Thread length 15.25

Pkg. 10


139644 Fixed Contact

Servicing: 228000-3620, 228000-3621,
 228000-3622, 228000-4980, 228000-4981,
 228000-4982
 Thread M8,
 Total length 36.70, Thread length 19.60

Pkg. 10


233066 Fixed Contact

Servicing: 428000-0250
 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,
 No./ mount. holes 3


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, No./ mount. holes 3, 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, No./ mount. holes 3, Material Rubber

Pkg. 5



132897 Terminal Switch

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-5910, 028000-5911, 028000-8440, 228000-5382

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

Pkg. 5



135166 Insulator

Servicing: 128000-0040
 ID 8.30, OD 22.00, Height 5.60

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



135168 Insulator

Servicing: 028000-5300, 028000-5581, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290, 028000-6291

Pkg. 10



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



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.

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



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



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, No./ mount. holes 3, 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
 Length 34.30, Width 10.00



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: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2700
 ID 53.85, ID/ mount. hole 7.40, OD 61.50, Thickness 2.40, No./ mount. holes 3, 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



139487# Terminal Switch

Servicing: 128000-1180, 128000-1181

Pkg. 10



230221 Plunger

Replacing: 053660-7241, 053660-7240
 Servicing: 028000-7002, 028000-7003, 028000-7004, 128000-0140, 128000-6280, 228000-1070, 228000-2120, 228000-2680, 228000-2690
 OD 36.80, Length 96.70
 Contact: HC-CARGO 233069.



Pkg. 5

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



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

Pkg. 5



331958 Moving Contact

Servicing: 428000-1760, 428000-3370, 428000-3372

Length 23.00, Shaft measurement 23.82, Thickness 1.26, Width 11.49

NEW PRODUCT
www.hc-cargo.com

333023 Terminal Switch

Plug size 6.30, Plug length 8.50,
Terminals 1, Plug type Flat,
Colour Black, 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

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


136445 Drive

Replacing: 028300-5460

Servicing: 128000-2800, 128000-4450, 128000-4732, 128000-5980

ID 13.25, OD 27.20, OD/ housing 41.00, Total length 77.40, Splines A 8, No./ teeth 8, Rotation ACR


136447 Drive

Replacing: 028099-6580

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


136745 Drive

Replacing: 028300-7910, 028300-7160, 028300-3740, 028300-2120

Servicing: 028000-6550, 028000-7600, 128000-8320, 128000-8321, 128000-8322, 128000-8323, 228000-7140, 228000-7141

OD 29.20, Total length 83.20, Splines A 10, No./ teeth 9, Rotation ACR



136794 Drive
 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: 028000-6060, 028000-6061, 028000-6062, 028000-8451, 028000-8611, 028000-8612, 028000-8980, 128000-0550, 128000-0551
 OD 37.80, OD/ housing 53.80,
 Total length 102.00, Splines A 10,
 No./ teeth 10, Rotation CR



136797 Drive
 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
 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, Shaft length 102.00,
 Splines A 10, No./ teeth 11,
 Drive type Steel, Rotation CR
 Alternative no.: 137293



137647 Drive
 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, Shaft 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

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

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 Drive

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 Drive

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, Total length 147.00, Splines A 10, No./ teeth 10, 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, Total length 82.90, Splines A 10, No./ teeth 9, Rotation CR



233457# Drive

Servicing: 228000-0220

OD 29.00, Total length 109.15, Splines A 10, No./ teeth 9, Rotation CR



233641 Drive

Replacing: 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: 228000-3980, 228000-3981, 228000-4960, 228000-4961

OD 34.40, Total length 83.25, Splines A 10, No./ teeth 11, Rotation ACR



233892 Drive

Replacing: 028300-8550

Servicing: 228000-5040

OD 29.00, Total length 109.50, Splines A 10, No./ teeth 9, Rotation CR



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 Drive

Replacing: 028300-8970
 Servicing: 228000-7210, 228000-8970
 ID 11.00, OD 29.00, Total length 64.55,
 Shaft length 44.10, 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


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, Shaft length 82.93,
 Splines A 18, Splines B 40


237379 Drive

Servicing: 428000-0670, 428000-0680,
 428000-1750, 428000-1760, 428000-3370,
 428000-3372, 428000-4550
 ID 11.00, OD 28.80, OD/ housing 44.76,
 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

Drive Parts
Caps

Pkg. 25


134204 Dp Cap

ID 42.65, OD 44.60

Pkg. 25


134206 Dp Cap

ID 43.80, OD 45.55

Rollers

Pkg. 500


134213 Roller

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

Springs

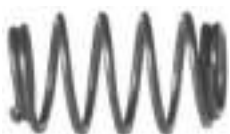
Pkg. 10



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

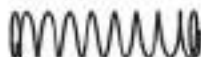
134269 Dp Springs
OD 5.65, Length 21.25



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, 428000-1370, 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

Pinion

Pkg. 10



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, 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, 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, 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, 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, Splines 16, No./ teeth 13


132866 Pinion

Replacing: 028371-5390, 028099-6300, 028099-6260
Servicing: 128000-4950, 128000-5430, 128000-9380, 128000-0090
ID 11.80, OD 28.90, Height 25.00, Splines 18, No./ teeth 11


132867 Pinion

Replacing: 028099-5610, 028099-4000
Servicing: 028000-8230, 028000-8390, 028000-8610, 028000-8611, 028000-8612, 128000-0550, 128000-0551, 128000-1050, 128000-1770
OD 40.00, Height 23.50, Splines 18, No./ teeth 10


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, Splines 18, No./ teeth 15

Pkg. 10


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, Splines 16, No./ teeth 10


133354 Pinion

Replacing: 028099-6200
Servicing: 028000-8400
ID 18.25, OD 34.00, Height 40.00, 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, 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, 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, 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, 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, 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, Splines 18, No./ teeth 9



136621 Pinion

Replacing: 028099-7530

Servicing: ACR, 128000-3380, 128000-3381
ID 11.15, OD 29.25, Height 25.55, 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, 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, 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, Splines 16, No./ teeth 12



138577 Pinion

Servicing: 128000-1180, 128000-1181

ID 11.65, OD 34.40, Height 23.40, 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, Splines 18, No./ teeth 10



139606 Pinion

Replacing: 028371-5030

Servicing: 128000-1151, 228000-1800
ID 11.70, OD 33.35, Height 23.55, 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, Splines 18, No./ teeth 10

Pkg. 5



233452 Pinion

Servicing: 228000-5641, 228000-5720, 228000-5721, 228000-5722, 228000-5723, 228000-7550

ID 16.90, OD 40.30, Height 36.00, 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, 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, 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

Dp Caps

Pkg. 10



233382 Dp Cap

ID 40.25, OD 41.20

Planet Gears

Gear Parts

Outer Gear

Pkg. 5



136085 Outer Gear

Replacing: 028635-5010
 Servicing: 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341
 ID 40.20, OD 63.00, Height 23.40

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, 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, 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, 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

Pkg. 10



237012 Pinion

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, Splines 21, No./ teeth 14

Various

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. 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.

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.



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.

Pkg. 10



137365 Washer

ID 11.55, OD 15.00, Thickness 3.08, Material Steel

Pkg. 10



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


142067 Bushing

ID 18.06, OD 20.98, Length 8.97


230058 Washer

Replacing: 949013-8090
 Servicing: 028000-5910, 028000-5911, 028000-8440, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212
 ID 7.75, OD 17.80, Thickness 0.60,
 Material Steel


230059 Washer

Replacing: 949013-8100
 Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420
 ID 15.15, OD 26.00, Thickness 0.40,
 Material Steel

Pkg. 5


233690 Washer

Replacing: 949013-8110
 Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420
 ID 15.20, OD 25.90, Thickness 1.80,
 Material Metal


234977 Roller Housing

Servicing: 228000-4980, 228000-4981, 228000-4982
 ID 10.90, OD 20.65, Height 13.00

Levers


133812 Lever

Replacing: 028740-5010
 Servicing: 128000-2520, 128000-2631, 128000-2682, 128000-2800, 128000-2820, 128000-3090, 128000-3091, 128000-3250, 128000-3251
 Dist. 20.45, Length 75.00


139051 Lever

Replacing: 028740-5060
 Servicing: 128000-2611, 128000-2621, 128000-2800, 128000-2980, 128000-4020, 128000-4040, 128000-4050, 128000-4060, 128000-4070
 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: 128000-2680, 128000-2682, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211, 128000-6212, 128000-6420
 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

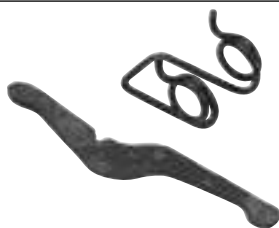
Servicing: 128000-4230, 128000-5210, 128000-5211, 128000-6340, 128000-6341, 128000-6720, 128000-6721, 128000-7620, 128000-8870

Dist. 20.40, Length 72.50


235253 Lever Kit

Servicing: 228000-9540

Dist. 18.71, ID 7.02, Length 74.39


235313 Lever

Replacing: 23322-6t000

Length 109.16


235371 Lever

Replacing: 23322-77A04

Dist. 24.16, Length 82.40

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, 028300-2222, 028300-2220, 028300-2081, 028099-5730

Total length 64.00, Splines A 10


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


139084# Clutch

Servicing: 128000-6870

Total length 74.00


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


231944# Clutch

Replacing: 028301-0060

Servicing: 228000-0220, 228000-1800, 228000-3400, 228000-5090

ID 29.50, Total length 80.50


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

ID 16.50, Total length 92.00, Splines 35, Rotation ACR


234719 Clutch

Servicing: 128000-8110, 128000-8111, 128000-8380

Total length 56.50

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: 028510-5320, 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 77.65

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

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

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

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 springs: HC-CARGO 133810. Brush set: HC-CARGO 140602.


135339 Brush Gear

Replacing: 028510-5420, 028510-5410

Servicing: 128000-7390, 128000-8310, 128000-8311, 128000-8312, 128000-8320, 128000-8321, 128000-8322, 128000-8400, 128000-9710

12 V, OD 59.00

Neg. brushes. Brush set: HC-CARGO 140885.


136103 Brush Gear

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.


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

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

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.


138145 Brush Gear

Replacing: 028510-0180, 028510-0141

Servicing: 028000-0197, 028000-0370, 028000-0430, 028000-1010, 028000-1011, 028000-1370, 028000-1850, 028000-1970, 028000-1971

12 V, OD 79.20

Neg. brushes. Brush set: HC-CARGO 140356.


138385 Brush Gear

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

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
 12 V, OD 63.07


332665 Brush Gear

Replacing: 128099-6312
Servicing: 428000-0150, 428000-0151, 428000-0152, 428000-3090
 12 V, OD 57.50


333422 Brush gear

OD 68.00

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

Pkg. 10


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

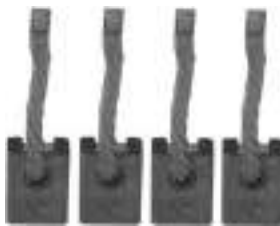


239475 Brush Spring

Servicing: 228000-3980, 228000-3981, 228000-4960, 228000-4961, 228000-7710, 228000-7800, 228000-7801
OD 11.70, Length 20.00

Brush Sets

Pkg. 5

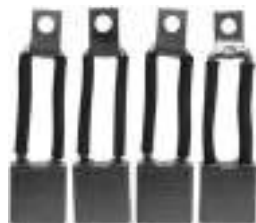


140356 Brush Set

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

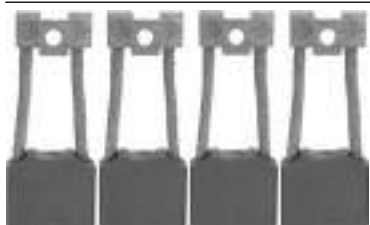
12 V, Length 16.00, Lead length 28.50, Height 10.00, Thickness 6.50


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



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


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

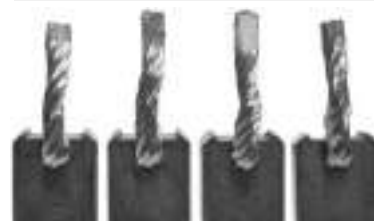
12 V, Length 10.00, Lead length 30.50, Height 8.00, Thickness 6.50


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


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

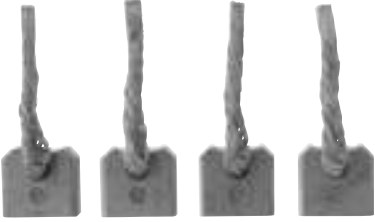
12 V, Length 14.00, Lead length 25.00, Height 13.00, Thickness 6.50


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

Pkg. 10

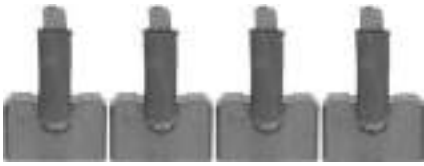


140932 Brush Set

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



140961 Brush Set

Replacing: 128099-6740

Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2980

12 V, Length 15.50, Lead length 33.00, Height 25.00, Thickness 7.00



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



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



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.



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, 428000-1640, 428000-1750

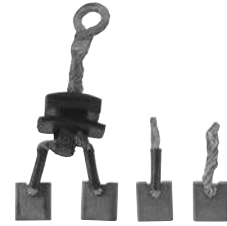
12 V, Length 15.30, Height 14.10, Thickness 4.50



141267 Brush Set

Servicing: 228000-9900, 228000-9901, 228000-9902, 428000-0150, 428000-0151, 428000-0152, 428000-1080, 428000-3090

12 V, Length 9.50, Lead length 31.00, Lead length 2 21.00, Height 8.50, Thickness 4.50/7.00



142031 Brush

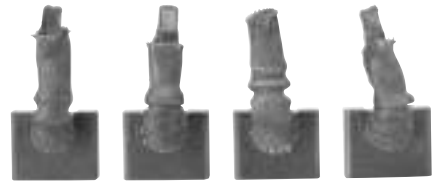
12 V, Length 15.30, Lead length 26.00, Lead length 2 30.50, Height 14.00, Thickness 4.50



142040 Brush Set

Servicing: 428000-0660, 428000-0720, 428000-1620

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

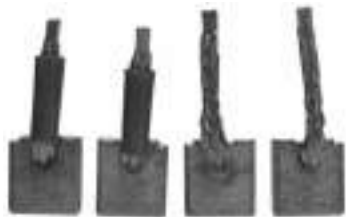
12 V, Length 15.07, Lead length 35.00, Height 19.86, Thickness 6.93



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

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, 028000-5960, 028000-5961
ID 17.00, OD 19.00, Length 19.70

Pkg. 5




140778 Bushing
Replacing: 949103-2420
Servicing: 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, 228000-6450, 228000-6620, 228000-6680, 228000-8360, 428000-0700
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: 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341
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

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
Servicing: 028000-2380, 028000-5090,
028000-7170
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: 228000-3980, 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, 428000-1640, 428000-1750,
428000-1760
ID 7.02, OD/ collar 13.50, 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, 428000-0720, 428000-1760,
428000-3090
ID 18.00, OD 21.00, Length 8.90

NEW PRODUCT
www.hc-cargo.com

142015 Bushing

Servicing: 428000-0150, 428000-0151,
428000-0152, 428000-3090
ID 5.02, OD 7.97, Length 7.15

Pkg. 10



142067 Bushing

ID 18.06, OD 20.98, Length 8.97

Pkg. 10



142083 Bushing

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

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

Pkg. 100



B140847 Bushing

Replacing: 140847
ID 23.02, OD 28.60, Length 4.05
Alternative no.: 140847

Bearings

Ball Bearings

Pkg. 10



140222 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

Pkg. 10



140271 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



Pkg. 10

140960 Ball Bearing

Replacing: 949100-4840

Servicing: 100211-8000, 100211-8110, 100211-8240, 100211-8560, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124

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, 128000-2682, 128000-2800, 128000-3090, 128000-3091, 128000-4130, 128000-4170, 128000-4430, 128000-4450

 ID 11.00, OD 15.50, Height 14.30, Rolls 12
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, Rolls 16

Pkg. 10


142065 Needle Bearing

Servicing: 428000-1630, 428000-3180, 428000-4920

 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

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

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: 428000-0150, 428000-0151, 428000-0152, 428000-0700, 428000-3090

ID 19.95, OD 33.55, Height 3.50

O-rings

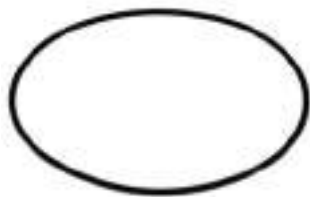
Pkg. 10


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



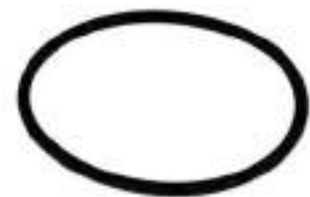
Pkg. 10

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



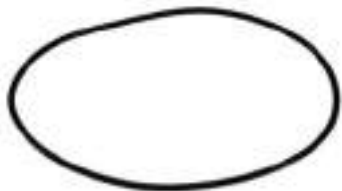
Pkg. 10

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

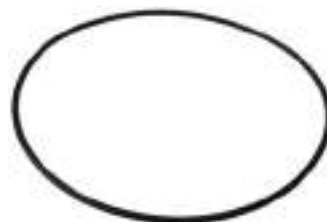


Pkg. 10

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 11.20, Thickness 1.80

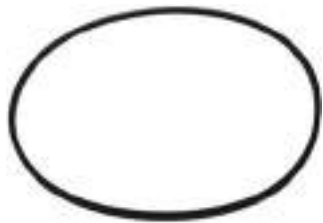


Pkg. 10

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


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

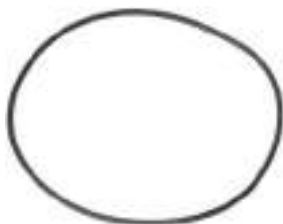
Pkg. 5


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. 5


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

Pkg. 10

Thru Bolts

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: 028000-4800, 028000-5660, 028000-5661, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-5890

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. 10

Pkg. 2


231312 Through Bolt

Replacing: 949047-3480, 949047-1500

Servicing: 028000-4540, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6300, 028000-6361

Total length 142.65,

Length/ rear collar 139.00,

Thread length 19.60, Thread size M6


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. 2


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

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



133811 Brush Gear Plate

Replacing: 028523-5030

Servicing: 128000-2520, 128000-2610, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3090

OD 65.20, Thickness 0.95, Gasket w/o

Pkg. 5


133878 Connection

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

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

OD 27.70

Pkg. 5


134867# Insulator

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

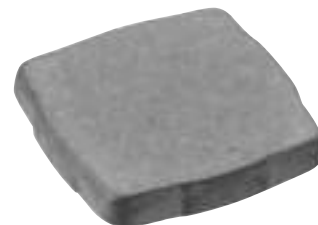
Pkg. 5


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



135844# Brake Washer

Replacing: 028029-0051

Servicing: 028000-0370, 028000-2260, 028000-2261, 028000-2262, 028000-2263, 028000-2360, 028000-2361, 028000-2362, 028000-2363

ID 30.60, OD 40.00, Thickness 8.25, Material Plastic

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. 5



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.

Pkg. 10



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



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. 5



136317 Terminal Boot

ID 20.00, OD 26.80

Pkg. 10



137588 Terminal Block

Replacing: 053480-7100

Servicing: 128000-1560, 128000-2682, 128000-3500, 128000-4960, 128000-5270, 128000-5280, 128000-5670, 128000-6320, 128000-7500

Pkg. 5



137590 Grommet

Servicing: 028000-5581, 028000-6290, 028000-6291, 028000-6292, 028000-6870, 028000-6880, 028000-6890, 028000-6891, 028000-6892

Length: 97.50 mm.

Pkg. 5



137591 Grommet

Servicing: 028000-6300, 128000-6300, 228000-1100, 228000-2220, 228000-2221, 228000-3330, 228000-3331, 228000-3332, 228000-5920

Length: 79.00 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



137594 Grommet

Replacing: 028000-7000, 028000-7001, 028000-7370, 028000-7372, 028000-7373, 028000-8760, 028000-8761, 028000-8762, 128000-0040
Length: 84.00 mm.

Pkg. 5



138027 Stop Collar

ID 11.20, **OD** 20.00, **Height** 5.50
Used w/ retaining ring: HC-CARGO 138026.

Pkg. 5



139827 Rubber Drain

OD 12.00, **Length** 28.00

Pkg. 5



137865 Retainer

Replacing: 028327-0140

Replacing: 028327-0140
Replacing: 028000-6280, 128000-1151, 128000-2070, 128000-3111, 128000-3410, 128000-3470, 128000-3471, 128000-3472, 128000-3480

Thickness 1.55, **Material** Steel

Pkg. 5



138141# Rubber Seal

Replacing: 028000-9490, 128000-1620, 128000-1621, 128000-2430, 128000-2431, 128000-2670, 128000-3740, 128000-3741, 128000-5650

Pkg. 5



231213 Gasket

Replacing: 028901-0290, 028901-0080

Replacing: 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. 5



137976 Rubber Drain

Replacing: 281997-4070, 028065-0100, 028065-0010

Replacing: 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. 10



138682 Nut

Replacing: 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

Pkg. 10



231625 Screw

Replacing: 949006-5670, 028903-0010

Replacing: 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



138026 Retaining Ring

Replacing: 949072-0400

Replacing: 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



139049# Gear Plate

Replacing: 028452-5010

Replacing: 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. 10



231731 Drain Tube

Replacing: 028062-7081, 028062-6010, 028062-0272

Replacing: 028000-6721, 028000-7210, 028000-7290, 028000-7440, 028000-7460, 028000-7461, 028000-7462, 028000-7470, 028000-7471

OD 8.05, **Length** 8.45



232214 Spring

Replating: 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

Replating: 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
 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. 5



233079# Retainer

OD/ housing 18.70, Thickness 3.10

Pkg. 5



233080 Retainer

Pkg. 10



233083 Boot

Replating: 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



332662 Washer

Servicing: 228000-0940, 228000-0941, 228000-2900
 ID 5.20, OD 8.50, Height 2.65

Pkg. 5



234973 Stop Collar Kit

ID 12.90, OD 16.20, Height 1.90

Pkg. 10



235256 Insulator

Replating: 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

