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part number (PN)	alt. part number (APN)	DESC	QTY
001686-9		Bearing	4
001687-12	M1040HD-1	Bearing	4
003049-1		Diode	6
01-200495		Connector	2
02-0117-03		Capacitor	2
02-0370-02		Amplifier Op.	3
02-0861-08		Transistor	6
02-5502-10		Bearing Liner	2
02-5502-11		Bearing Liner	8
02-5600-11		Ring	1
02-5600-13		Friction Ring	9
02-5600-14		Disc	9
02-5600-15		Ring	3
02-5600-17		Friction Ring	7
02-5951-01		Clamp	2
02-6100-02		Shaft	2
02-6100-04		Shaft	1
02-6100-06		Shaft	1
02-6101-06		Shaft	4
02-6101-11		Shaft	5
03-0044-06		Transistor Lucas	2
03-0044-28		Transist	1
03-0064-28		Diode	4
03-6009-08		Bearing	4
03-6009-12		Bearing	20
03-6009-19		Bearing	6
03-6009-20		Bearing	1
03-6009-23		Bearing	19
03-6009-24		Bearing	2
03-6009-25		Bearing	15
03-6009-26		Bearing	1
03-6010-08		Bearing	6
03-6010-10	A04-91	Bearing	68
03-6010-18		Bearing	22
03-6010-19		Bearing	14
03-6011-06		Bearing	17
03-6017-04		Bearing	4
05-101001		Deflector	1
05-417454		Clamp	20
05-501301		Connector	2
05-9900-44		Transistor	1
10-13373Y		Capacitor Scintilla	1
10-13400		Dist. Cyl	1
10-163005-2		Magneto	1
10-163374		Strip Felt	6
10-18554		Block	1
10-18555		Block	1
10-3154-Z		Plug	2
10-349234		Gear	1

10-349276	Capacitor	1
10-353060	Bearing	3
10-357173	Contact	3
10-357174	Contact	3
10-357281	Capacitor	4
10-382584	Breaker Pt	10
10-382585	Breaker Pt.	4
10-382681	Capacitor	2
10-382681-1	Capacitor	2
10-382807	Capacitor	4
10-391584	4 Cyl. Block	1
10-391586	Verteiler-Block	1
10-391588	Verteiler-Block	1
10-400137	Ferrule	10
10-400307	Coupling	1
10-400316	Coupling	1
10-400507	Breaker Pt	1
10-51676	Capacitor	5
10-51678	Deflector	30
10531	Shaft	1
10538-3	Contact	2
10539A2	Drive Wheel Assy	1
10-5906	Brush A	4
10627	Gear	7
10647	Bearing	2
10-682014	Gear	2
10-682056	Block Distributer	1
10-92815-37	Ring-Retaining	15
10-92815-62	Ring-Retaining	21
10-9994Y	Terminal High Tension	14
11-00971	Plug & Jump Universal model	1
1101898EX	Generator Delco	1
1101899EX	Generator Delco	1
1101915 EX	DC-Generator Delco Exchange	1
1102025	Brush	8
11-03158	GPU Jumper Plug	1
1104622-11	Capacitor	3
1108075	End Bell	1
1108078 EX	Armature Exchange	1
1109029	Brush	4
1109452	Terminal Block	1
1109479	Brush Cover	1
1110810	Capacitor	3
1111055	Cover	6
1111838	Shaft	1
1113160	Capacitor	2
1116880-1	Rectifier	3
1117718-1	Resistor	5
1118077	Brush-Kit	2
11369	Bearing	2
116056	Circuit Board OSC	1
11711	Bearing	8
12447	Brush Airscrew	6
125C838P1	Cover	5
12613-1	Retainer	5
128203	Carbon Pile	5

1325794-3	Brushing	3
1329306	Armature Exchange	1
1330222	Cover	1
1416-42G.	Starter Exchange	1
14P23	Brush Cap	3
1530574	Key	3
1530879-1	Clamp Assy	4
1531164	Drive Shaft	1
1531492-10	Rotor Shaft A	1
1531680-2	Stator	1
1533125-1	Capacitor	3
1533560	Brush	16
1533561	Brush Kit	4
1534340-1	Armature	1
1534529	Shaft	1
1540124	Brush Bendix 1Pcs	16
1540842	Brush	16
1541948-2	Capacitor	1
1543945	Connector	2
1543957-3	Armature	1
1546661	Terminal Block	4
1547242-1	End Bell	2
1547278-1	Baring-Liner	1
1547770-5	Bearing	6
1549285-1	Rectifier	4
1549433-5 EX	Armature Exchange	2
15522-1	Contact	14
1581898-4	Shaft	7
1581900-1	Friction	3
1583770-1	Rectifier Bendix 28B135	5
1584587-5	Bearing	2
1584589-1	Ring	4
1584599-3	Rectifier	2
1586516-2	Rectifier	12
1586517-2	Rectifier	13
1586867-1	Resistor	1
1586879-1	Crank	1
1586959	Circuit Card	2
1586977-1	Rectifier Card	1
1587269-12	Shaft	1
1587428-1	Fan	2
1587523-1	Lead,Fuse,Link	22
1587777-1	Rectifier	15
1588005-1	Cover	1
1588170-3	Bearing	1
1588170-5	Bearing	1
1588340-1	Diode	6
1588341-1	Diode	4
1590626-5	Bearing,Ball	2
1590631-1	Capacitor Assy	2
1590636-1	Connector	2
1590672-1	Liner	3
1590770-1	Lead	1
1590771-1	Lead	1
1590930	Brush Kit	1
1590958-1	Shaft	2

1593588-8	Adapter	1
1595415-2 EX	Rotor	1
1595443-1	Adapter	1
1595459-1	Cover	2
1595460-1	Connector	4
1595460-2	Connector	3
1595465-1	Air Inlet	7
1595473-1	Lead	12
1595475-1	Difuser	1
1595481-1	Coil	1
1595481-3	Coil	1
1596339-2	Shaft	1
1596712-1	Brush Kit	14
1597560-2	Adapter Bendix	2
1945122 EX	Armature Delco Exchange	1
20081-1020	Brush A	16
2051509	Rectifier	8
2051510	Rectifier	9
20630	Lampholder	2
20-7609	Bearing	1
21067-12	Worm Gear	1
23031-1038	Brush A	8
23032-1143	Disc	2
23032-1297	Shaft	2
23032-1380	Brush	5
23032-1512	Terminal Block	2
23032-1518	Terminal Block	1
23032-1661	Board	2
23032-1692	Shaft	2
23032-1693	Shaft	1
23032-1825 EX	Stator Exchange	2
23032-1827 EX	Stator Exchange	1
23032-1900	Hub	6
23032-1901	Hub	29
23032-1906	Hub	1
23032-1916	Hub	2
23032-1920 EX	Armature Exchange	1
23032-2111 EX	Armature Exchange	1
23032-2165	End Bell Anti Drive End	2
23032-2201	End Bell	1
23032-2210	End Bell	1
23032-2452	Adapter QAD	11
23032-2710	Back Plate	6
23032-2711	Back Plate	19
23032-2712	Back Plate	4
23032-2715	Back Plate	2
23032-2716	Back Plate	2
23032-2802	T Bolt	9
23032-2803	T-Bolt	10
23032-3210	Back Plate	6
23033-1141	Brush	4
23035-1000	Switch A	1
23035-1080	Shaft	3
23046-1030 EX	Armature Exchange	1
23046-1120	Drive Shaft	1
23046-1121	Shaft	4

23046-1141	End Bell	1
23046-1630	End Bell	1
23046-1670	End Bell	1
23046-1721	Cover	1
23046-1862	Shaft	3
23046-1867	Shaft	1
23046-2153	Drive Shaft	1
23046-310 EX	Stator Exchange	1
23046-311 EX	Stator Lapec	1
23048-004.	Starter Generator	1
23048-004M EX	Starter Generator exchange	1
23048-004TM EX	Starter Generator exchange	1
23048-006 EX	Starter Generator	1
23048-016 EX	Starter Generator	1
23048-1000	Cover A	1
23048-1030 EX	Armature Exchange	2
23048-1031	Armature new	1
23048-1031 EX	Armature Exchange	2
23048-1121	Cover Brush	2
23048-1127	Cover	3
23048-1260	Gasket	1
23048-1360	Cover Brush	1
23048-1490	Fan	4
23048-1680	Brush	28
23064-1011	Shaft	2
23064-1265	Endbell Com End	1
23064-1500	Cover Brush	1
23064-310_Ex	Stator Assy	1
23065-1020 EX	Armature Exchange	1
23065-1100	End Bell	1
23065-1210	Terminal Block	1
23065-1342	Air Inlet	1
23065-1403	Fan	1
23065-1520	Shaft	1
23065-1521	Shaft	2
23065-1620	Switch	3
23065-1743	Fan	2
23065-1770	Fan	1
23065-1870	Fan	59
23065-1873	Fan	27
23065-1930	Fan	1
23065-310 Ex	Stator & Housing Assy	1
23069-015 EX	Starter Generator	1
23069-1031	Armature	1
23069-1231	Terminal Block	2
23069-1235	Terminal Block	2
23069-1236	Terminal Block	1
23069-1240	Cover	1
23069-1580	Terminal Block	1
23072-1220	Gear	8
23072-1221	Gear	1
23072-313 EX	Armature Exchange	1
23072-314 EX	Armature Exchange	1
23075-1081	Shaft	2
23075-1203	Brush Holder	4
23075-1400	Brush Lead	1

23076-004-1EX	Starter Generator	1
23076-1130	Shaft	1
23076-1131	Shaft	1
23076-1151	Cover	1
23076-1200	Cover	3
23076-1250	Switch	7
23076-334 EX	Field OHC Exchange	1
23078-1120	Terminal Block	1
23078-1471	Armature	1
23079-1020 EXCH.	Armature	1
23079-1040	Terminal Block	2
23079-1060	Cover	1
23079-1281	Brush	8
23079-310 EX	Stator Exchange	1
23080-013_EX	Starter Generator Exchange unit	1
23080-1295	Air Inlet	1
23080-1330	Support	1
23080-1902	Brush	4
23080-1903	Brush	12
23080-1971	Brush	16
23080-1982	Brush	12
23080-1983	Brush	4
23080-1985	Brush	8
23080-3110	Disc	7
23080-3111	Bearing Shield	1
23080-3112	Shield	1
23080-330	Filter/Board	9
23080-370 EX	Armature	1
23081-018	Starter Generator	1
23081-1011 EX	Armature Exchange	2
23081-1080	Bearing Retainer	1
23081-1130	End Bell	1
23081-1150	Shaft	30
23081-1151	Shaft	2
23081-1470	Cover Air Inlet	30
23081-1831	Brush	16
23081-1834	Brush	4
23081-350	Filter	2
23085-1020	Adapter QAD	1
23085-1140	Gasket	3
23085-1355	Shaft	31
23085-1370	Terminal Block	2
23085-1382 EX	Field OHC	1
23085-1430	Cover	1
23085-1503	Armature	7
23085-1503 EX	Armature	20
23085-1570	Back Plate	2
23085-1740	Air Inlet	1
23085-350	Support Assy Anti Drive End	2
23085-355	Support Assy Anti Drive End	1
23085-366	Filter Board	7
23088-1022	Bearing Support	1
23088-1072	End Bell	2
23088-1170	Cover	2
23088-1290	Grommet	6
23088-1321	Brush	8
	M23088-1320	

23088-1340		Bearing Shield DE	1
23088-1342		Bearing Shield ADE	1
23090-1060		Brush Holder	2
23090-1143		Fan	5
23091-1521		Shaft	1
23093-1287		Brush	24
23093-1300		Brush	8
24002123-3		Brush	12
2407-109		Brush	22
2407-85		Connector	2
2483797		Connector	3
2487578		Armature Bendix / APC13	1
2487989		Coupling	1
2501 A1		Starter Generator	1
2881245		Jaw	2
28B421-2-C_EX		AC-Generator	1
2CM504-D1D		Starter Generator	1
30010-1026		Brush	4
30010-1029		Shaft	2
30022-1033		Disc A	6
30029-1001		Shaft	2
30029-1031		Terminalblock	1
30029-1032		Terminal Block	1
30059-000.		Starter Generator	1
30059-1017		Shaft	1
30059-1085		Brush	16
30059-1470		Back Plate	1
30059-1471		Back Plate Lapec	2
30060-004 Ex	60-389016	DC-Generator Exchange	1
30060-1260		Condenser A	2
30076-2140		Rotor Ph	1
30076-2181		Terminal Block	1
30076-2460		Back-Plate	3
30300-1141		Brush	32
30300-1282		Brush	8
30300-1283		Brush	8
30300-1284		Brush	4
30300-1285		Brush	14
30300-1286		Brush	16
30300-1303		Brush	12
30300-1330		Brush	12
30300-1340		Brush	14
30300-1344		Brush	36
30300-1380		Brush	4
30300-1383		Brush	28
30300-1413		Brush	24
30300-1414		Brush	16
30300-1415		Brush	28
3066671		Resistor	5
30B24-1A EX		DC-Generator	1
30E20-41B.		Starter Generator	1
31216-1520		Ring	20
31340-1052		Air Inlet	1
31708-1480		Switch	4
35107A		Brush	1
35-2-3001		Brush	4

36-555003-9	R 134a	Compressor AC	1
36A222647AAG1		Brush Kit	1
36A222690AAG1		Brush Kit	1
36A226051G1		Brush Kit	1
36A228180G3		Brush Kit	1
36A228217G1 EX		Stator Exchange	1
36A228274G2		Shaft Kit	1
36A228274G3		Shaft Kit	1
36A228317P1		Lining Damper	2
36B508057P6		Terminal Block	1
36B508450P001		Shaft	1
36B510008G1		Shaft	1
36C716335G001		Armature	1
36C716343G1		End Bell	1
36C716493G1		Armature	1
36C716510G01 EX		Armature Exchange	1
36C716567BAG2		Terminal Block	1
36C716861AAG1		Air Outlet	1
36C716863AAG1 EX		Armature Exchange	1
36C717314G1		Terminal Block	1
36C717587G1		Shaft	2
36T041019		Endstück zu Kohle HED60-420-50	1166
400543N1		Bearing	2
404297		Terminal Block Auxilec	2
404443-1		Terminal Block	2
404725		Palquel A	5
405004		Condensateur	2
406021		Ground Terminal	1
407646		Bearing	2
408057		Lining Garniture	2
408764B		Brush	4
41-0001-1		Gasket	1
41-0261-1		Cam & Wheel	2
410370		Flange	1
41-0441-1		Contact Ms	1
410964		Bearing	1
410965		Bearing	2
410997		Bearing Ball	1
4149471P14		Bearing	2
4245005		Motor DC	3
43071K		Brush	4
4580		Lamp	5
45986		Gasket	3
46-0957-3		Motor	1
46-3677-1		Cap	9
48164		Joint	5
49329B1		Brush	8
49329D+D1		Brush	4
49648		Rondelle	5
503-1.		Starter Generator	2
503-2.		Starter Generator	2
503560		Shaft	2
505418-1		Brushcover	1
505420		Fan	1
505693		Cover Red	4
51530-007B Ex		Generator Control Unit exchange	1



51539-002B Ex		Generator Control Unit exchange	1
52-000097C		Kit	1
52-000108C		Kit	2
524-061_OHC		Starter Generator Auxilec SEB OHC	1
55-0069-1		Motor	1
55-0100-1		Noise Filter	1
55-14-3003		Brush	12
55-6-3008		Brush	4
57260-650-2		Bearing	6
603778-3		Stator Assy	1
6429758-1		Shaft	1
643804-1		Stud	4
6628803G1		Flange	1
684-4022-41		Transformer	1
6M1		Brush A	8
705509		Resistor	3
706898		Resistor	3
71B1-23A.		Starter Exchange	1
7D8609P3		Brush	8
8000-30		Driveshaft	5
80-0104611		Resistor	2
8003-1003		Back Plate	1
8003-1008		Ring Friction	4
8003-3007	M30300-1290	Brush Electromech	4
80220044		Bearing	5
810584-1		Drive Shaft	3
81701266		Cup Washer	2
81701267		Bearing	5
81701516		Cup Washer	1
81701517		Bearing Liner Lucas	3
81704616		Bearing	2
81705615		Bearing	5
823985		Field Coil Assy	1
828424		Jaw	1
828481		Contact	2
835469		Disc	16
835644		Jaw	4
8372-30R16-10PN		Connector	2
844224		Disc	14
883190		Gear Assy	4
883617		Brush Kit	1
890659-5		Bearing	4
915F716-2 EXC		Rectifier	3
915F717-1		Rotor Assy	1
919B113-1		Cover	2
9207477000		Joint	2
92588-98		Ring Retainer	7
92734-1		Connector plate	1
9400417P1		Brush Kit	1
940D047-1		Rotor Exc	1
948B851-1		Terminal Lug	2
956A789P1		Ring	1
9696 Ex		Blower Motor exchange	1
A07D77		Capacitor A	3
A6458		Motor Grimes	1
A7079B24		Lamp	4

A8404A3	Worm Wheel Assy	1
ALE-1003K	Head, Drive End Assy	1
ALE-2008 ABC	Stator Assy	1
ALU-1062 A	Cover	1
ALX8403	Alternator	1
ALY 8420	Alternator Exchange	3
C88504	Bearing	1
C88505	Bearing	1
CSV1152-12A Ex	Voltage Regulator	1
D107400-0.5	Brush	4
D-9961-1	Cover red	4
DO91-1.	Voltage Regulator Exchange	2
E6015	Motor	1
E7276	Core & Coil Assy	1
ES 4113	Rectifyer Assy	1
ES4201	Brush Holder Assy	3
ES4202	Capacitor	1
ES4203	Rectifier Assy	1
ES4235_4203_EX	Stator & Rectifier Assy Exchange	1
G9950-1EX	Rotating Beacon	1
GE-Q4681	Lamp	1
HOFF.S.1	Bearing Airscrew	1
J610010	Super Lube	1
JH17233	Brush A	8
K20895	Capacitor	2
K22901	Bolt A	1
K22950	Capacitor A	2
K3822	Distributor Block + Gear Assy	1
K3975	Ignition Coil	2
K3984	Capacitor	9
KLNJ3/8	Bearing	14
KR06001-501	Bearing	2
KR06001-503	Bearing	5
L17Y	Bearing	2
LM122H	Circuit	5
M3081	Contact Assy	6
M3637	Contact Point Kit	2
M3827	Rotor Gear	1
M3828	Rotor Gear	3
MZ4222R_EX	Starter	1
MZ4224 Ex	Starter	1
N40373	Bearing Lucas Rotax	1
OS75-14	Overvoltage Sensor	2
P044532-2/P058631-1	Housing	1
P055742-7 EXCHANGE	Armature	1
P058067	Detector Assy	1
P058686	Wiring Ramp	2
P069828	Disc	3
P069829	Disque	2
P069855	Clamp	4
P069870-3	Brush	8
P10182-1	Diode A	1
P10185	Coupling A	1
P4V6775	Key Auxilec -121	2
P500554	Cover	1
P502635	Terminalblock Auxilec 524-	1

P600365	End Bell	1
P600652	Disc	4
P600653	Disc A	3
P600707	Cover	1
P601952	Brush	8
P602112	Disc	2
P602198	Fan	1
P602635	Brush	16
P602698	Brush	8
P604505	Cover Red	1
P607911	Armature Exchange	1
P608726	Brush	32
P711850	Cover	1
P711933-1	Ring	1
P711934	Flange	1
P711982	Shaft	1
P714154	Lining Auxilec	1
P716799	Hub	4
P721728	Deflector	1
PSA72	Kondensator	2
PT06E8-3S-SR	Connector Coupling	2
V066474K	Ring	2
VR1000	Voltage Regulator	1
VR1000 Ex	Voltage Regulator exchange	1
VR1010-24-1A	DC Voltage Regulator	9