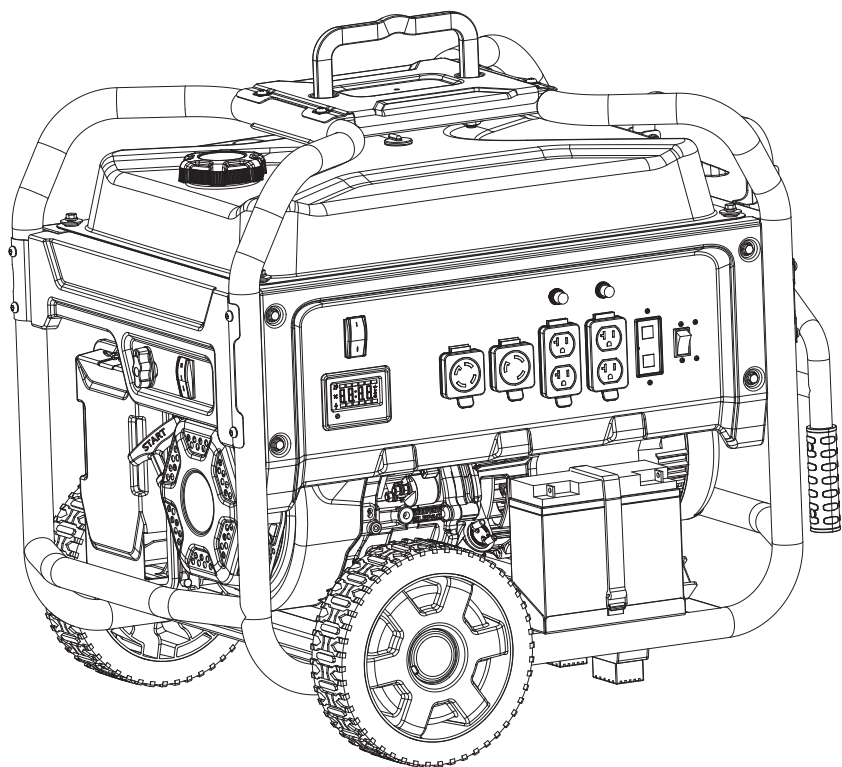




Champion Power Equipment, Inc.

MODEL #100430



PARTS INFORMATION

6500W ELECTRIC START GENERATOR

SERIAL NUMBER RANGE: ALL



To order replacement parts please visit:
shop.championpowerequipment.com
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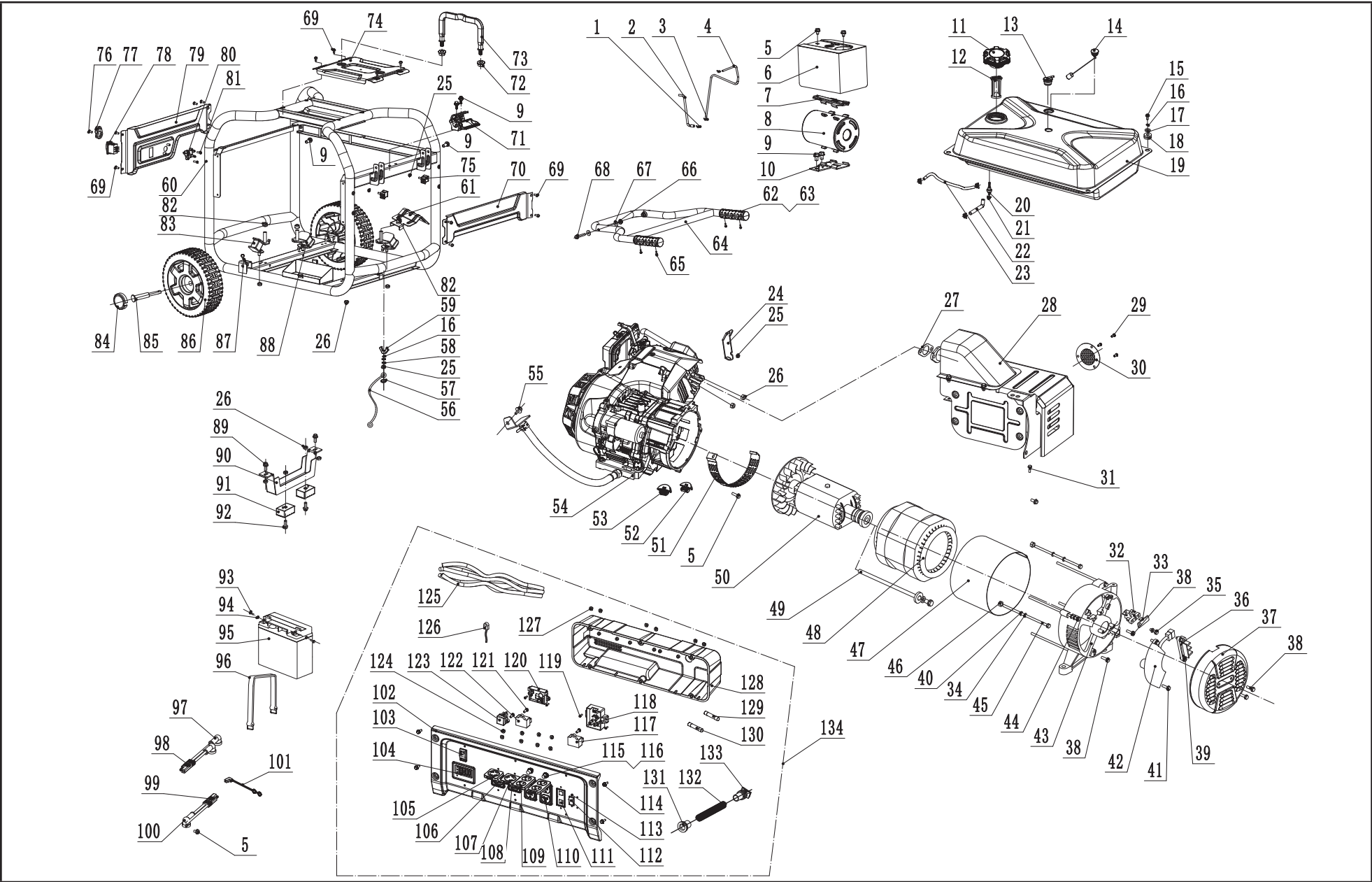
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Engine Parts Diagram 7

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GENERATOR PARTS DIAGRAM



GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	2.06.006	Clamp, Ø7 x Ø1	2
2	152.070013.03	Pipe, Air Cleaner, 135 mm	1
3	2.06.004	Clamp, Ø8 x Ø1	1
4	152.070014.13	Pipe, Reversal Valve, 850 mm	1
5	1.5789.0608	Flange Bolt M6 x 8	4
6	152.070018.03	Board, Heat Insulation	1
7	152.070702.06	Support Arm, Top	1
8	152.070700.04	Carbon Canister, 750 cc	1
9	1.16674.0812	Flange Bolt M8 x 12	6
10	152.070702.05	Support Arm, Bottom	1
11	122.070100.12	Fuel Tank Cap	1
12	122.070300.03	Fuel Filter	1
13	152.070800.01	Reversal Valve	1
14	152.072000.09	Fuel Gauge Assembly	1
15	1.5789.0620.1	Flange Bolt M6 x 20, Black	4
16	1.93.06	Lock Washer Ø6	5
17	2.03.004.1	Flat Washer, Ø24 x Ø6.5 x 1.5, Black	4
18	122.070015.01	Mount Vibration, Fuel Tank	4
19	152.071000.59.48	Fuel Tank, 32L, Yellow	1
20	21.070600.03	Fitting, Fuel Filter	1
21	2.06.016	Clamp Ø8.7 x b8	4
22	152.070011.23	Fuel Pipe 75+25 mm, Fuel Tank to Fuel Valve	1
23	152.070011.24	Fuel Pipe 240 mm, Fuel Tank to Fuel Valve	1
24	45.090006.20	Holder, Air Cleaner	1
25	1.6177.1.06	Lock Nut M6, Flange	4
26	1.6177.1.08	Lock Nut M8, Flange	10
27	46.100001.07	Gasket, Exhaust	1
28	46.101000.00.2	Muffler Assembly, Black	1
29	1.9074.4.0510	Screw/Washer Assembly M5 x 10	3
30	46.101300.00	Spark Arrester Assembly	1

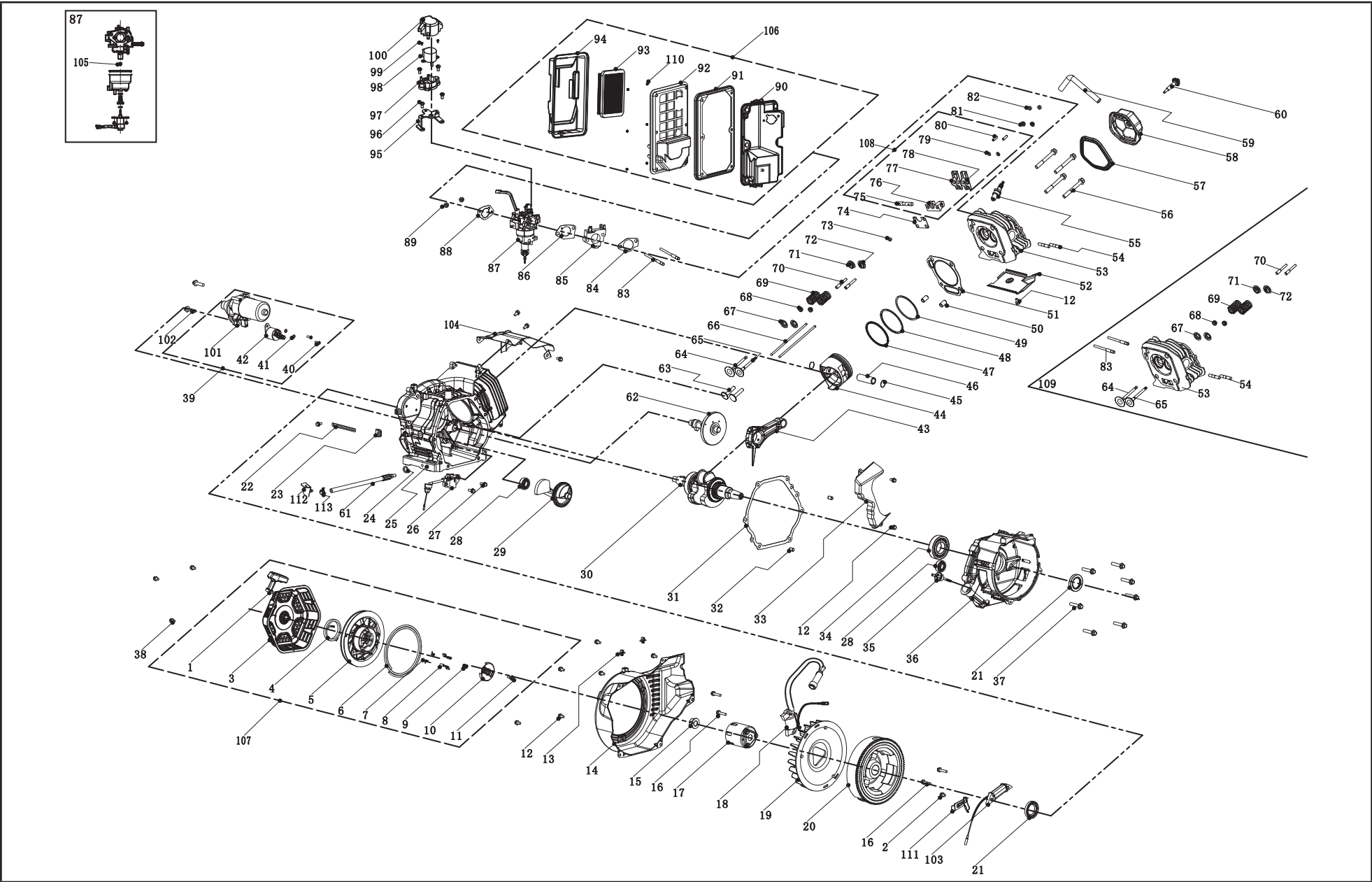
#	Part Number	Description	Qty.
31	1.16674.0820	Flange Bolt M8 x 20	2
32	152.190300.00	Carbon Brush Assembly	1
33	122.190004.01	Pinch, Carbon Brush	1
34	1.93.05	Lock Washer Ø5	2
35	1.9074.15.0520	Bolt/Washer Assembly M5 x 20	1
36	122.190400.02	Terminal Block	1
37	152.190003.01.48	Generator End Cover, Yellow	1
38	1.16674.0512	Flange Bolt M5 x 12	3
39	1.9074.17.0516	Screw/Washer Assembly M5 x 16	2
40	1.97.1.05	Washer Ø5	2
41	1.16674.0516	Flange Bolt M5 x 16	2
42	153.190200.07	AVR	1
43	152.190002.00	End Housing	1
44	2.08.032	Flange Bolt/Washer Assembly M6 x 179	4
45	2.08.035	Bolt M5 x 214	2
46	1.6175.05	Nut M5	2
47	152.191002.00	Stator Cover	1
48	152.191200.44	Stator Assembly, Cu, Ø190 x 140 mm	1
49	2.08.034	Flange Bolt/Washer Assembly M10 x 265	1
50	152.191100.44	Rotor Assembly, Cu, Ø190 x 140 mm	1
51	152.192300.01	Air Guide	1
52	152.190005.02	Rubber, Fore-Cover, A	1
53	152.190005.03	Rubber, Fore-Cover, B	1
54	46.604	Engine, 389cc	1
55	1.5789.0612	Flange Bolt M6 x 12	1
56	5.1900.156	Grounding Line 180 mm	1
57	1.862.06	Lock Washer Ø6, Toothed	1
58	1.97.1.06.2	Washer Ø6	2
59	1.62.06	Butterfly Type Nut M6	1
60	65305.0.5.2	Frame	1

#	Part Number	Description	Qty.
61	152.100007.00	Insulation Board, Motor Mount	1
62	152.200702.21.48	Handle Cover, Upper, Yellow	2
63	152.200702.22.48	Handle Cover, Lower Yellow	2
64	152.200701.21.2	Handle, U Shape, Black	1
65	1.818.0414.1	Flange Bolt M4 x 14, Black	4
66	1.6187.1.08.1	Lock Nut, M8, Black	2
67	2.03.068.1	Nylon Spacer, Ø8 x Ø21 x 1, Black	4
68	1.5789.0845.1	Flange Bolt M8 x 45, Black	2
69	2.08.171.1	Flange Bolt M6 x 12, Black	12
70	152.200800.20.29	Decorative Plate Right, Cool Gray 11	1
71	152.202100.00	Handle Lock Assembly	1
72	2.02.018	Nut M12 x 1.25	2
73	152.202001.00.29	Lifting Lug, Cool Gray 11	1
74	152.202002.00.29	Lug Support, Cool Gray 11	1
75	152.201400.03	Bumper, Handle	2
76	1.9074.4.0414.1	Screw/Washer Assembly M4 x 14, Black	1
77	122.070001.00	Knob, Fuel Valve	1
78	5.1000.009	Ignition Switch	1
79	152.200800.19.29	Decorative Plate Left, Cool Gray 11	1
80	83.070400.01.0	Fuel Valve	1
81	1.818.0520	Screw M5 x 20	2
82	1.6177.1.10	Lock Nut M10, Flange	4
83	152.201200.03	Motor Mount 1	2
84	122.201702.11.29	Wheel Cover, Tooth Profile 8-10 in, Cool Gray 11	2
85	122.201501.23.1	Pin Roll, Wheel, Ø16 x Ø10 x 97, Black	2
86	152.201701.13.29	9.5 in. Wheel, PU, Cool Gray 11	2
87	2.16.001.1	Pin Ø2 x 33, "R" Shape, Black	2
88	152.201200.04	Motor Mount 2	2
89	1.5789.0816	Flange Bolt M8 x 16	2
90	152.200002.20.2	Support Leg 90 mm, Black	1
91	122.201400.04	Rubber, Support	2

#	Part Number	Description	Qty.
92	1.5789.0825	Flange Bolt M8 x 25	2
93	1.9074.3.0510	Screw/Washer Assembly M5 x 10	2
94	1.6177.1.05	Lock Nut M5, Flange	2
95	9.1000.140	Battery 12V14AH	1
96	152.200904.00	Pinch, Rubber	1
97	152.200013.02	Jacket, Wire, Black	1
98	5.1900.126	Wire, To SAE Battery	1
99	5.1900.125	Wire, To SAE Motor	1
100	152.200013.02.3	Jacket, Wire, Red	2
101	152.200013.03	Sleeve, Connector	1
102	152.269.1.29	Control Panel, Cool Gray 11	1
103	5.1000.010	Switch, Idle	1
104	5.1470.001	Intelligauge, INT2BOF	1
105	5.1870.020	Receptacle Cover, Receptacle L14-30R	1
106	5.1120.026	Receptacle L14-30R, CSA	1
107	5.1870.023	Receptacle Cover, Receptacle L5-30R	1
108	5.1120.023	Receptacle L5-30R, CSA	1
109	5.1870.025	Receptacle Cover, Receptacle 5-20R	2
110	5.1120.068	Receptacle 5-20R, WR, CSA	2
111	5.1830.032	Current Sensor	1
112	5.1270.006	30A, GFCI Module	1
113	1.9074.4.0306.1	Screw/Washer Assembly M3 x 6, Black	6
114	1.5789.0612.1	Flange Bolt M6 x 12, Black	4
115	5.1870.014	Circuit Breaker Cover, Push Button	2
116	5.1210.920	20Amp Circuit Breaker, Push Button, CSA	2
117	5.1820.001	Charger	1
118	5.1830.018	Speed Control Module	1
119	1.845.4216	Screw, ST4.2 x 16	4
120	5.1830.022	CO Module	1
121	1.818.0514.2	Screw M5 x 14	3
122	5.1810.000	Over Voltage Protector, CSA	1
123	5.1800.000	Bridge Rectifier	1

#	Part Number	Description	Qty.
124	1.6177.1.04.1	Lock Nut M4, Flange, Black	8
125	100430.21.10	Wire Harness Assembly	1
126	5.210400.00	Current Transformer	1
127	1.6177.1.05	Lock Nut M5, Flange	6
128	152.210002.38	Control Box CSA	1
129	5.1280.008	Fuse, 5A	1
130	5.1280.003	Fuse, 10A	1
131	152.210003.01	Wire Jacket, Control Box	1
132	5.1320.024	Conduit, Plastic, 230 mm, CSA	1
133	152.210003.03	Plug, Control Box	1
134	100430.21	Control Panel Assembly	1

ENGINE PARTS DIAGRAM



ENGINE PARTS LIST

#	Part Number	Description	Qty.
1	21.061300.01.48	Handle, Recoil, Soft, Yellow	1
2	1.5789.0608	Flange Bolt M6 x 8	1
3	46.061100.03.48	Cover, Recoil Starter, Yellow	1
4	45.060005.00	Spring, Recoil Starter	1
5	45.061102.00	Reel, Recoil Starter	1
6	2.10.003.1	Rope Ø4 x 1550, Black	1
7	45.060003.00	Spring, Ratchet	2
8	45.060002.00	Starter Ratchet, Steel	2
9	45.060009.00	Spring, Ratchet Guide	1
10	45.060007.00	Ratchet Guide	1
11	45.060008.00	Screw, Ratchet Guide	1
12	1.5789.0612	Flange Bolt M6 x 12	12
13	2.05.001	Clamp Ø8 x b6.5	2
14	47.080100.01.2	Fan Cover, Black	1
15	2.02.007	Nut M16 x 1.5	1
16	1.5789.0629	Flange Bolt M6 x 29	4
17	45.060001.00	Pulley, Starter	1
18	46.123000.08	Ignition Coil	1
19	45.080001.00	Cooling Fan	1
20	46.120100.04	Flywheel	1
21	2.11.007	Oil Seal Ø35 x Ø52 x 8	2
22	2.05.049	Wire Clip, 200 mm	1
23	152.070031.01	Sheath, Wire	1
24	2.03.023	Washer Ø12.5 x Ø20 x 2, Drain Bolt	1
25	46.030100.94	Crankcase	1
26	45.127000.02	Oil Level Sensor	1
27	1.5789.0615	Flange Bolt M6 x 15	2
28	1.276.6202	Bearing 6202	2
29	47.050006.00	Weight Balancer	1
30	45.050100.51	Crankshaft	1

#	Part Number	Description	Qty.
31	46.030008.00	Gasket, Crankcase Cover	1
32	2.04.001	Dowel Pin Ø9 x 14	2
33	46.080600.00	Air Guide, Right Side	1
34	1.276.6207.9	Bearing TM6207	1
35	46.031000.01.1	Oil Dipstick Assembly, Black	1
36	191.030007.00	Cover, Crankcase	1
37	1.5789.0840	Flange Bolt M8 x 40	7
38	1.16674.0608	Flange Bolt M6 x 8	3
39	45.125000.03	Starter Motor Assembly	1
40	1.16674.0516	Flange Bolt M5 x 16	2
41	1.93.05	Lock Washer Ø5	2
42	45.125200.03	Relay, Starter, Three Gear	1
43	47.050200.00	Connecting Rod	1
44	46.050005.00	Piston	1
45	2.09.004	Circlip Ø21 x Ø1	2
46	45.050003.00	Pin, Piston	1
47	46.050303.00	Ring, Oil	1
48	46.050302.00	Ring, Second Piston	1
49	46.050301.00	Ring, First Piston	1
50	2.04.004	Dowel Pin Ø12 x 20	2
51	46.030009.01	Gasket, Cylinder Head	1
52	46.080400.00	Air Guide, Lower	1
53	46.010100.00	Cylinder Head	1
54	2.01.010	Stud Bolt M8 x 35	2
55	2.15.002(F6RTC)	Spark Plug F6RTC	1
56	2.08.014	Flange Bolt M10 x 80	4
57	46.020002.01	Gasket, Cylinder Head Cover	1
58	47.021000.01	Cover, Cylinder Head	1
59	45.020001.03	Breather Tube	1
60	47.020100.00	Bolt, Cylinder Head Cover	1

#	Part Number	Description	Qty.
61	45.032000.01	Hose, Oil Drain	1
62	46.041000.00	Camshaft	1
63	45.040013.00	Lifter, Valve	2
64	45.040002.00	Valve, Intake	1
65	45.040006.00	Valve, Exhaust	1
66	46.040005.00	Push Rod	2
67	45.040015.00	Retainer, Valve Spring	2
68	45.040017.00	Oil Seal, Valve	2
69	45.040003.00	Spring, Valve	2
70	23.040010.00	Bolt, Rocker Arm	2
71	45.040001.00	Retainer, Intake Valve Spring	1
72	45.040007.00	Retainer, Exhaust Valve Spring	1
73	45.040008.00	Rotator, Exhaust Valve	1
74	46.040004.00	Guide Plate, Push Rod	1
75	46.040016.00	Shaft, Rocker Arm	1
76	46.040201.00	Retainer, Rocker Arm	1
77	46.040009.00	Rocker Arm, Intake Valve	1
78	46.040018.00	Rocker Arm, Exhaust Valve	1
79	1.971.06	Washer Ø6	2
80	22.040012.00	Screw, Valve Adjustment	2
81	1.6177.1.06	Flange Nut M6	2
82	21.040021.00	Nut M6 x 0.5, Lock	2
83	2.01.008	Stud Bolt M6 x M8 x 105	2
84	46.130002.20	Gasket, Insulator	1
85	45.130001.02	Insulator, Carburetor	1
86	46.130003.20	Gasket, Carburetor	1
87	46.131000.29.48	Carburetor	1
88	46.130004.20	Gasket, Air Cleaner	1
89	1.6177.06	Flange Nut M6	2
90	46.091100.09	Base, Air Cleaner	1
91	45.091002.20	Seal, Air Cleaner	1
92	45.091001.20	Separator, Air Cleaner	1

#	Part Number	Description	Qty.
93	46.091003.10	Element, Air Cleaner	1
94	46.091200.10	Cover, Air Cleaner	1
95	182.130005.00	Bracket, Stepper Motor Mounting	1
96	1.9074.3.0408	Screw M4 x 8	4
97	182.132100.00	Adapter, Stepper Motor	1
98	45.132200.04	Stepper Motor	1
99	1.823.0306.1	Screw M3 x 6	2
100	81.132001.00	Cover, Stepper Motor	1
101	45.125100.00	Starter Motor Assembly	1
102	1.5789.0835	Flange Bolt M8 x 35	2
103	45.121000.03	Coil, Charging	1
104	191.080300.00	Air Guide, Upper	1
105	46.131017.20	Standard Main Jet	1
	46.131017.20.01	Altitude Main Jet	/
106	46.091000.10.2	Air Cleaner Assembly, Black	1
107	46.061000.03.2	Recoil Assembly	1
108	46.040200.00	Rocker Arm Assembly	1
109	46.010000.00	Cylinder Head Assembly	1
110	1.6177.1.05	Flange Nut M5	6
111	45.030006.00	Plate, Coil	1
112	45.030200.00	Support	1
113	2.06.013	Clamp Ø13.5 x b10	1

WIRING DIAGRAM

