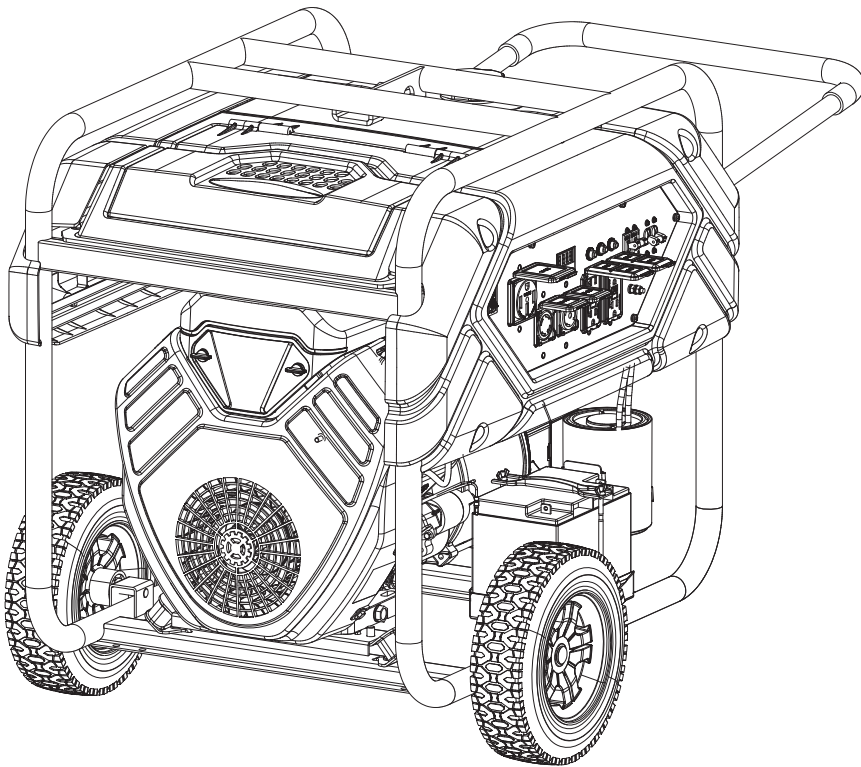




Champion Power Equipment, Inc., Santa Fe Springs, CA USA

MODEL #100111



PARTS INFORMATION

12,000W ELECTRIC START GENERATOR

SERIAL NUMBER RANGE: ALL



To order replacement parts please visit:
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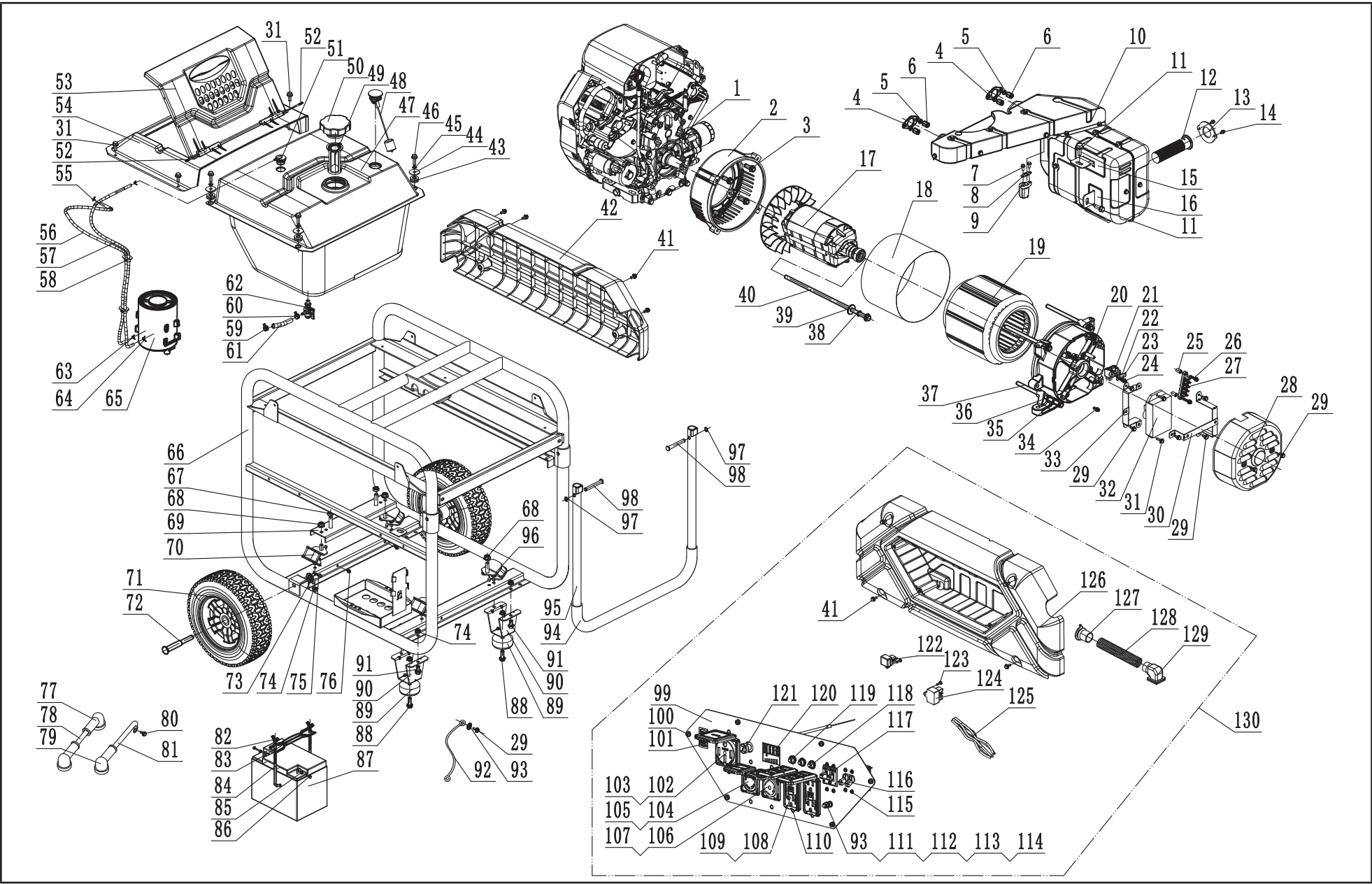
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Engine Parts Diagram 7

Engine Parts List 8

Wiring Diagram 11

GENERATOR PARTS DIAGRAM



GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	100181	Engine	1
2	172.190007.00	Crankcase Cover	1
3	1.5789.1022	Flange Bolt M10 x 22	4
4	717.100001.00	Gasket, Exhaust	2
5	1.93.08	Lock Washer Ø8	4
6	2.02.033	Nut M8	4
7	1.16674.0616	Flange Bolt M6 x 16	2
8	24.100300.03	Gasket, Secondary Air Intake Valve	1
9	717.100300.00	Secondary Air Intake Valve	1
10	717.101000.03	Muffler Assembly	1
11	1.16674.0820	Flange Bolt M8 x 20	2
12	717.101300.01	Spark Arrester Assembly	1
13	717.101503.01	Plate, Spark Arrester	1
14	1.9074.17.0612	Bolt/Washer Assembly M6 x 12	2
15	717.100005.01	Rubber Pillow 1, Muffler	1
16	717.100005.02	Rubber Pillow 2, Muffler	1
17	172.191100.00	Rotor Assembly, Cu, Ø230 x 160 mm	1
18	172.191002.00	Cover, Stator	1
19	172.191200.00	Stator Assembly, Cu, Ø230 x 160 mm	1
20	172.190002.00	End Housing	1
21	161.190300.00	Carbon Brush Assembly	1
22	122.190004.01	Pinch, Carbon Brush	1
23	1.93.05	Lock Washer Ø5	1
24	1.5783.0520	Bolt M5 x 20	1
25	2.13.030	Bush, Ø6 x Ø14 x 15	2
26	1.16674.0535	Flange Bolt M5 x 35	2
27	172.190400.00	Terminal Block	1
28	172.190003.00.48	End Cover, Generator, Yellow	1
29	1.5789.0612	Flange Bolt M6 x 12	8
30	172.190202.00	Holder 1, AVR	1

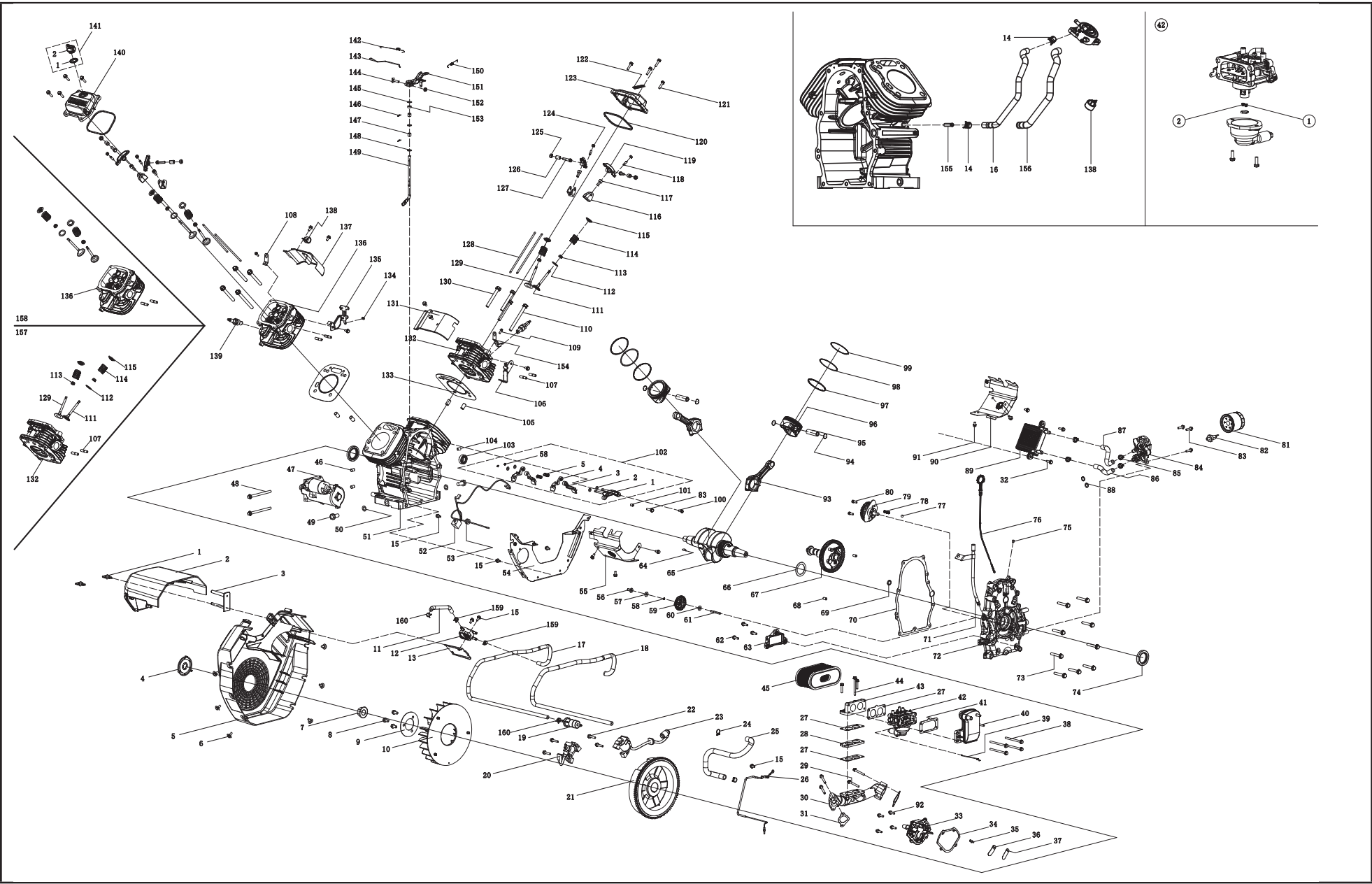
#	Part Number	Description	Qty.
31	1.5789.0615	Flange Bolt M6 x 15	6
32	172.190200.00	AVR	1
33	172.190202.01	Holder 2, AVR	1
34	1.16674.0516	Flange Bolt M5 x 16	1
35	1.7244.08	Big Washer Ø8	4
36	1.97.1.08	Washer Ø8	4
37	2.08.112	Flange Bolt M8 x 210	4
38	1.7244.10	Big Washer Ø10	1
39	1.96.10	Flat Washer Ø10	1
40	2.08.129	Flange Bolt M10 x 320	1
41	1.5789.0615.1	Flange Bolt M6 x 15, Black	8
42	172.200800.00.2	Decorative Plate, Black	1
43	122.070015.01	Mount Vibration, Fuel Tank	4
44	2.03.004	Washer, Ø24 x Ø6.5 x 1.5	4
45	1.93.06	Lock Washer Ø6	4
46	1.5789.0620.2	Flange Bolt M6 x 20	4
47	172.071000.00.48	Fuel Tank, Yellow	1
48	172.072000.00	Fuel Gauge Assembly	1
49	122.070300.03	Fuel Filter Assembly	1
50	122.070100.07	Cap, Fuel Tank	1
51	24.070800.00	Reversal Valve	1
52	172.200509.00	Pin, Top Cover	2
53	172.200505.00.48	Protector Cover	1
54	172.200501.00.48	Top Cover	1
55	2.06.006	Clamp Ø7 x Ø1	2
56	172.070014.01	Pipe, Air Cleaner, 1220 mm	1
57	172.070014.00	Pipe, Reversal Valve, 970 mm	1
58	172.070031.00	Jacket, Pipe	2
59	2.06.018	Clamp Ø10.5 x b8	1
60	2.06.027	Clamp Ø12 x b8	1

#	Part Number	Description	Qty.
61	172.070011.01	Fuel Pipe, 65 mm	1
62	172.070400.01	Fuel Valve	1
63	2.06.004	Clamp Ø8 x Ø1	1
64	2.06.005	Clamp Ø9 x Ø1	1
65	172.070700.00	Carbon Canister 1200 cc	1
66	61138.0.2	Frame	1
67	1.6182.10	Lock Nut M10	2
68	1.6177.1.10	Flange Lock Nut M10	4
69	172.201600.00.2	Supporter, Engine	1
70	172.201200.00	Motor Mount 1	2
71	172.201701.00.48	12 in. PU Wheel, Yellow	2
72	172.201501.00	Pin Roll, Wheel, Ø16 x Ø12 x 116	2
73	1.848.12	Washer Ø12	2
74	1.6177.1.08	Lock Nut M8, Flange	9
75	2.16.001	Pin Ø2 x 33, "R" Shape	2
76	2.05.001	Clamp, Ø8 x 6.5	2
77	163.200013.01	Red Jacket 1, Wire	2
78	5.1900.082	Red Wire 400 mm, Battery	1
79	163.200013.00	Black Jacket 2, Wire	1
80	1.5789.0608	Flange Bolt M6 x 8	1
81	5.1900.083	Black Wire 350 mm, Battery	1
82	1.62.06	Butterfly Nut M6	2
83	172.200902.00.2	Pressure Plate, Battery	1
84	152.200014.00	Curved Screws M6 x 150	2
85	1.6177.1.05	Lock Nut M5, Flange	2
86	1.16674.0512.2	Flange Bolt M5 x 12	2
87	9.1000.330	Battery 12V33AH	1
88	1.5789.0825	Flange Bolt M8 x 25	2
89	152.201400.00	Rubber, Support	2
90	172.200002.00.2	Support Leg	2
91	1.5789.0816	Flange Bolt M8 x 16	4
92	5.1900.084	Grounding Line 200 mm	1

#	Part Number	Description	Qty.
93	1.862.06	Lock Washer Ø6, Toothed	2
94	152.200702.02	Cover, Handle	1
95	172.200701.00.2	Handle, U Shape	1
96	171.201200.01	Motor Mount 2	2
97	1.894.1.10	Circlip Ø10	2
98	172.200703.00	Long Pin, Handle	2
99	172.219.1.2	Control Panel	1
100	1.9074.4.0514.1	Screw/Washer Assembly M5 x 14, Black	6
101	5.1000.007	Ignition Switch, Red	1
102	5.1120.039	Receptacle 14-50R	1
103	5.1870.007	Receptacle Cover, 14-50R	1
104	5.1120.026	Receptacle L14-30R, CSA	1
105	5.1870.003	Receptacle Cover, L14-30R	1
106	5.1120.023	Receptacle L5-30R, CSA	1
107	5.1870.006	Receptacle Cover, L5-30R	1
108	5.1120.050	Receptacle 5-20R, Duplex, GFCI	2
109	5.1870.005	Receptacle Cover, 5-20R, GFCI	2
110	1.6177.1.04	Lock Nut M4, Flange	10
111	1.5783.0622.2	Bolt M6 x 22	1
112	1.6175.06.2	Nut M6	2
113	1.97.1.06.2	Washer Ø6	2
114	1.93.06.2	Lock Washer Ø6	2
115	1.9074.4.0306.1	Screw/Washer Assembly M3 x 6, Black	8
116	5.1240.930	30Amp Circuit Breaker, Double Pole, CSA	1
117	5.1241.950	50Amp Circuit Breaker, Double Pole, CSA	1
118	5.1210.920	20Amp Circuit Breaker, Push button	2
119	5.1210.930	30Amp Circuit Breaker, Push button	1
120	5.1440.005	Intelligauge, Four In One	1
121	717.130200.00	Pull Choke Assembly	1
122	5.1820.009	Charger	1
123	1.818.0514.2	Screw M5 x 14	2
124	5.1810.008	Over Voltage Protector, CSA	1

#	Part Number	Description	Qty.
125	100111.21.10	Wire Assembly	1
126	172.210002.00.2	Control Box, Black	1
127	172.210003.01	Wire Jacket, Control Box	1
128	5.1320.024	Sheath, Wire, Ø23.5 x 300mm	1
129	172.210003.02	Plug, End Cover	1
130	100111.21	Control Panel Assembly	1

ENGINE PARTS DIAGRAM



ENGINE PARTS LIST

#	Part Number	Description	Qty.
1	717.091500.00	Retainer, AC Cover	2
2	717.091000.00	Cover, Air Filter, Petrol	1
3	717.091001.00	Retainer, A/C Filter, 60 mm	1
4	101747	Insert, Fan Cover Logo	1
5	717.080100.00	Cover, Fan, Screen&Cooler Ribs	1
6	2.08.083	Bolt, Hex Flange M6 x12	6
7	1.6177.20	Nut, M20 x 1.5 Flange	1
8	1.5789.0816	Hex Flange Bolt, M8 x 16	3
9	61.080005.00	Plate, Fan	1
10	717.080001.00	Fan, Cooling	1
11	717.070011.00	Hose, Fuel	1
12	82.073000.00	Pulse Pump, Fuel	1
13	717.070004.00	Bracket, Fuel Pump	1
14	2.06.027	Hose Clamp, Ø12 x b8	2
15	1.5789.0612	Hex Flange Bolt, M6 x 12	16
16	101350	Hose, Pulse Line	1
17	100716	Hose, Fuel Line, 1150 mm	1
18	100736	Protective Sleeve, Fuel Hose, 1120 mm	1
19	717.070500.00	Fuel Filter	1
20	717.123000.03	Ignition Coil Assembly, Cylinder 1, EMC	1
21	100922	Flywheel Assembly	1
22	1.5789.0629	Hex Flange Bolt, M6 x 29	6
23	717.123000.04	Ignition Coil Assembly, Cylinder 2, EMC	1
24	2.06.009	Clamp, Ø17 x Ø1.5	2
25	717.030019.00	Tube, Breather	1
26	717.134101.00	Jumper Wire Assy, Solenoid	1
27	100258	Gasket, Carburetor	3
28	61.130001.00	Insulator, Carburetor	1
29	1.16674.0640	Hex Small Flange Bolt, M6 x 40	4
30	717.130012.00	Intake Manifold	1

#	Part Number	Description	Qty.
31	717.130011.00	Gasket, Intake Manifold	2
32	1.5789.0620	Hex Flange Bolt, M6 x 20	2
33	100486	Cover, Breather	1
34	100504	Gasket, Breather Cover	1
35	1.823.0410	Screw, Small Pan Head M4 x 10	2
36	101767	Retainer, Reed Valve	1
37	100693	Reed Valve	1
38	1.5789.0683	Hex Flange Bolt M6 x 83	4
39	717.110009.00	Link, Choke	1
40	100539	Elbow, Ac Intake Assembly Purge	1
41	717.090005.00	Gasket, Ac Assembly	1
42	717.131000.00	Carburetor Assy	1
1	102021	Main Jet Compl - Right	1
	102454	Main Jet Compl, High Altitude - Right	1
	100189	Main Jet Compl - Left	1
	102021	Main Jet Compl, High Altitude - Left	1
43	61.130013.00	Connector, Carburetor	1
44	1.5789.0665	Hex Flange Bolt, M6 x 65	1
45	100275	Air Filter Assembly	1
46	100829	Pin, Dowel Ø10 x 14	2
47	61.125000.00	Motor Assy, 12V Solenoid Shift Starter	1
48	1.16674.08110	Hex Small Flange Bolt, M8 x 110	2
49	2.08.039	Bolt, Drain, M12 x 1.5 x 15	2
50	2.03.023	Washer, Drain Bolt, Ø12.5 x Ø20 x 2	2
51	102196	Crankcase Component	1
52	61.120800.00	Diode Assembly, Engine Stop	1
53	2.12.004	Grommet Ø9.5 x 10	1
54	100470	Air Board, Assy, Internal Oil Cooler	1
55	717.080500.01	Air Guide, Outer Cylinder 1 Assembly	1
56	45.110012.00	Bushing, Governor Gear	1

#	Part Number	Description	Qty.
57	2.03.053	Washer, Ø6.2 x Ø17 x 0.8	1
58	21.110011.00	Clip, Retaining	3
59	61.110100.00	Gear Assy, Governor	1
60	2.03.054	Washer, Ø6.2 x Ø15 x 1	1
61	45.110013.00	Shaft, Governor Gear	1
62	1.5789.0620	Hex Flange Bolt, M6 x 20	3
63	61.150300.00	Oil Filter Component	1
64	2.14.005	Key, Flywheel, 4 x 5.5 x 12.5	1
65	717.051101.04	Assembly, Crankshaft - Taper Pto	1
66	2.03.026	Washer, Crankshaft Thrust, Ø39 x Ø54 x 1.2	1
67	101454	Camshaft Assembly	1
68	2.04.002	Location Pin Ø8 x 14	2
69	100596	O-Ring Ø12 x Ø3.5	1
70	100261	Gasket, Crankcase Cover	1
71	100726	Tube, Oil Dipstick Assembly	1
72	100268	Cover, Crankcase	1
73	1.5789.0850	Hex Flange Bolt, M8 x 50	9
74	2.11.010	Seal, Pto Oil, Ø38 x Ø58 x 9	2
75	61.030011.00	Plug, Crankcase Cover	1
76	100699	Blade Assembly, Oil Dipstick	1
77	1.308.9.5	Ball Ø9.5, Steel Check Valve	1
78	61.150004.00	Spring, Compression	1
79	61.151000.00	Pump Assembly, Oil	1
80	1.70.0616	Screw, M6 x 16, Socket Head Cap	2
81	100916	Filter, Oil	1
82	102446	Switch, Low Oil Shut-Down 0.6 Bar	1
83	1.16674.0625	Hex Small Flange Bolt, M6 x 25	4
84	101719	Base Assembly, Oil Filter With Oil Cooler And Oil Pressure Switch	1
85	100847	Clamp Ø17, Oil Hose	4
86	100942	Hose 2, Oil Line	1
87	100941	Hose 1, Oil Line	1

#	Part Number	Description	Qty.	
88	2.07.004	O-Ring Ø12 x Ø2.5	2	
89	101723	Oil Cooler Assy, Internal Mount	1	
90	717.080600.01	Air Guide, Outer, Cylinder 2 Assembly	1	
91	1.5789.0608	Hex Flange Bolt, M6 x 8	2	
92	1.16674.0620	Hex Small Flange Bolt, M6 x 20	4	
93	717.050200.00	Assy, Connecting Rod	2	
94	2.09.009	Retainer, Piston Pin, Ø17 x Ø1	4	
95	100968	Pin, Piston, Ø17 x 53.8 mm	2	
96	102024	Piston, 78 mm, 2.75 mm, Dish Ceramic Crown	2	
97	102289	Ring Assembly, Oil Control	2	
98	102286	Ring, Piston, 2nd	2	
99	102285	Ring, Top Piston	2	
100	1.16674.0616	Hex Small Flange Bolt, M6 x 16	1	
101	2.04.005	Pin, Ø8x10, Location	1	
102	101478	Follower Assembly, Camshaft	1	
	1	101475	Follower Pivot Assembly, Camshaft	1
	2	2.03.021.1	Washer, Governor Shaft, Ø6.4 x Ø13 x 1	4
	3	100485	Follower, Camshaft	2
	4	61.040019.01	Follower, Camshaft	2
	5	61.041001.00	Spring, Support	2
103	1.276.6003.1	Bearing, Roller Ø35 x Ø17 x 10	1	
104	717.030026.01	Plug, Npt1/8-27 Hexagon Socket	1	
105	2.04.004	Pin, Ø12 x 20 Location	4	
106	100170	Bracket, Governor Spring	1	
107	2.01.010	Bolt M8 x 35, Exhaust Stud	4	
108	717.010003.00	Lift Strap	1	
109	1.16674.0820	Hex Small Flange Bolt, M8 x 20	2	
110	2.08.122	Bolt, Hex Flange M10 x 1.25	2	
111	100179	Valve, Exhaust	2	
112	717.040015.00	Shim, Valve Spring	2	
113	101881	Oil Seal, Valve Stem	4	
114	45.040003.00	Spring, Valve	4	

#	Part Number	Description	Qty.
115	45.040001.00	Retainer, Intake Valve	4
116	717.040202.00	Bracket, Rocker Arm	4
117	1.70.1.0816	Screw, M8 x 16 Socket Head Cap	4
118	22.040012.00	Adjusting, Lash	4
119	717.040200.02	Rocker Arm	4
120	101644	Gasket, Rocker Cover	2
121	1.5789.0625	Hex Flange Bolt, M6 x 25	8
122	101880	Clamp, 100 mm	1
123	102263	Rocker Cover Assembly	1
124	21.040021.00	Jam Nut, M6 x 0.5 mm Pitch	4
125	1.6170.08	Hex Nut, Gb6170, M8	4
126	717.040016.00	Sleeve, Rocker Arm	4
127	2.08.086	Bolt, M8 x 1.25 Hhw Special	4
128	717.040005.00	Push Rod	4
129	45.040002.00	Valve, Intake	2
130	2.08.014	Bolt, Hex Flange M10 x 80	6
131	717.080300.02	Air Guide Assembly, Inner Cyl #2	1
132	102019	Head Assembly, Cylinder 2	1
133	717.030009.00	Gasket Assembly, Cylinder Head	2
134	45.135001.20	Clip, Clevis	1
135	717.111100.00	Choke Control Assembly, Bowden Wire	1
136	102018	Head Assembly, Cylinder 1	1
137	717.080300.01	Air Guide, Inner Cylinder 1 Assy	1
138	100270	Clamp Ø17, Breather Tube	2
139	2.15.002	Spark Plug, F6RTC	2
140	102261	Rocker Cover Assembly, Oil Fill	1
141	102357	Cap, Oil Fill Assembly	1
	1 2.07.001	Seal, Cap Oil Fill, Ø25.5 x Ø3.5	1
	2 101813	Cap, Oil Fill	1
142	102427	Spring, Link Take Up	1
143	100329	Link, Governor	1
144	2.08.107	Bolt, Governor Arm	1

#	Part Number	Description	Qty.
145	2.03.019	Washer, Ø8.2 x Ø17 x 0.8	1
146	61.110008.00	Pin, Shaft	2
147	1.5801.0810	Bearing, Roller	2
148	1.97.1.08	Washer Ø8	2
149	61.110001.00	Shaft, Governor	1
150	100432	Spring, Governor	1
151	100178	Lever, Governor Arm	1
152	1.6177.06	Nut, M6 Hexagon Flange	1
153	2.11.006	Shaft Oil Seal, Ø7 x Ø14 x 5	1
154	717.010003.01	Lift Strap With Baffle	1
155	101349	Pipe	1
156	101366	Protective Sleeve, Pulse Line	1
157	717.010000.02	Cylinder Head Assembly 2	1
158	717.010000.01	Cylinder Head Assembly 1	1
159	2.06.054	Hose Clamp, Ø12.8	2
160	2.06.018	Hose Clamp, Ø10.5 x b8	2

WIRING DIAGRAM

