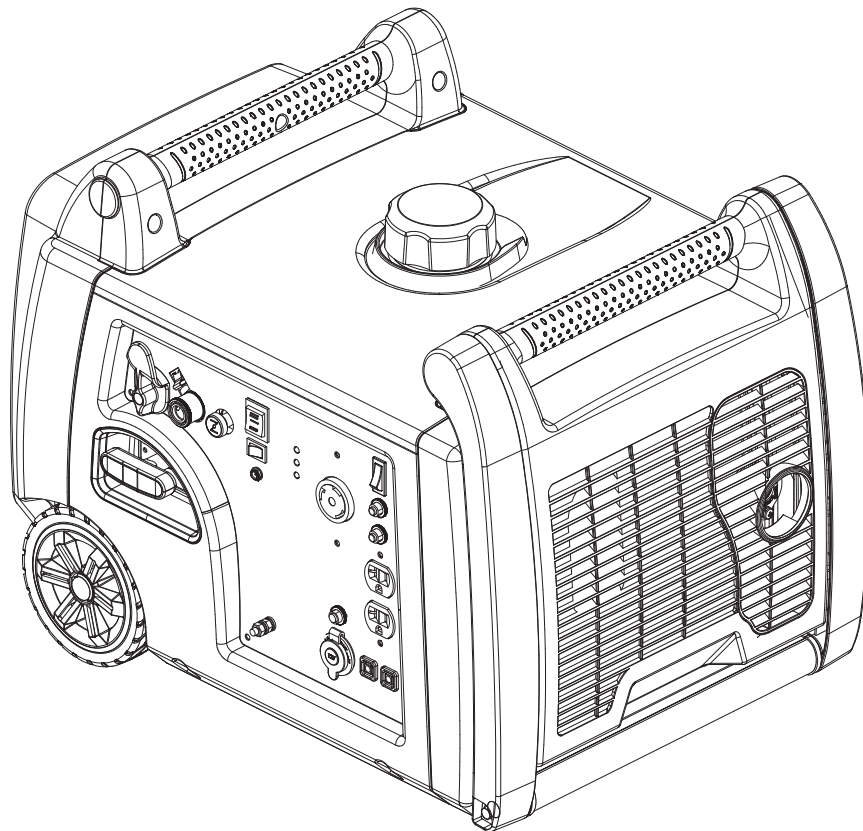




Champion Power Equipment, Inc.

MODEL #100396



PARTS INFORMATION

3100W DUAL FUEL INVERTER GENERATOR

SERIAL NUMBER RANGE: ALL



To order replacement parts please visit:
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INVERTER GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	83.200205.02	Hasp, Maintenance Cover	1
2	2.08.055.1	Bolt, Maintenance Cover, Black	4
3	83.200204.02.2	Maintenance Cover, Battery, Black	1
4	2.08.052.1	Bolt M6 x 16, Black	10
5	1.9074.4.0516.1	Screw/Washer Assembly M5 x 16, Black	4
6	83.200201.02.2	Cover, Left, Black	1
7	1.5789.0612	Flange Bolt M6 x 12	11
8	83.201600.06	Supporter, Left	1
9	1.9074.4.0512.1	Screw/Washer Assembly M5 x 12, Black	11
10	83.200701.02.2	Grip, Left, Black	1
11	83.200500.01.2	Cover, Top, Black	1
12	83.200502.01	Spillway, Fuel Tank	1
13	83.070100.01	Fuel Tank Cap	1
14	2.06.016	Clamp Ø8.7 x b8	4
15	83.070011.03	Fuel Pipe, Fuel Tank To Fuel Valve, Ø5.5 x Ø9.5	1
16	21.070600.03	Fitting, Fuel Tank	1
17	2.08.068.2	Flange Bolt M5 x 13	6
18	83.071000.04	Fuel Tank, 6L	1
19	83.070300.01	Fuel Filter, Fuel Tank	1
20	83.070014.02	Pipe, Fuel Tank To Air Cleaner Pipe	1
21	84.070022.00	Connect, Pipe	1
22	1.845.4213	Screw ST4.2 x 13	6
23	83.081400.01	Muffler Protector Assembly, Upper	1
24	83.081004.01	Plate	1
25	2.02.001	Nut M6, Long	2
26	83.100001.01	Gasket, Exhaust	1
27	83.101100.01	Muffler Assembly	1
28	46.101300.08	Spark Arrester Assembly	1
29	46.101503.08	Plate, Spark Arrester	1

#	Part Number	Description	Qty.
30	1.9074.4.0514	Screw/Washer Assembly, M5 x 14	2
31	1.97.1.06	Washer, Ø6	1
32	1.93.06	Lock Washer, Ø6	2
33	1.5789.0615	Flange Bolt M6 x 15	10
34	1.845.4816	Screw ST4.8 x 16	6
35	1.845.4219	Screw ST4.2 x 19	1
36	83.081500.01	Muffler Protector Assembly, Lower	1
37	83.200402.01.2	Protector, Rear Cover, Black	1
38	83.200401.01.2	Supporter, Rear Cover, Black	1
39	2.02.014	Nut M6, Square	12
40	2.02.010	Cage Nut M5	8
41	83.200701.03.2	Handle, Left, Black	1
42	83.200704.01.2	Bracket, Left, Black	1
43	83.201600.05	Supporter, Right	1
44	1.6187.1.08	Lock Nut M8, Flange	2
45	2.13.001	Bushing, Ø13.3 x Ø19.3 x 8	2
46	1.5789.0612.1	Flange Bolt M6 x 12, Black	4
47	83.200704.02.2	Bracket, Right, Black	1
48	2.03.001	Bushing, Ø13.3 x Ø19.3 x 2	2
49	2.03.002	Washer, Ø13 x Ø20 x 2.5	2
50	2.08.002	Bolt M8 x 28	2
51	83.200701.04.2	Handle, Right, Black	1
52	2.02.002	Nut M6, T-Style	2
53	83.200705.01.2	Handle, Upper, Black	1
54	83.200705.02.2	Handle, Lower, Black	1
55	1.9074.3.0512.1	Screw/Washer Assembly, M5 x 12, Black	3
56	1.5789.0635.1	Flange Bolt M6 x 35, Black	2
57	83.190006.01	Rubber Sleeve, End Cover	1
58	83.190003.01	End Cover, Generator	1
59	83.190001.01	Fan, Generator	1

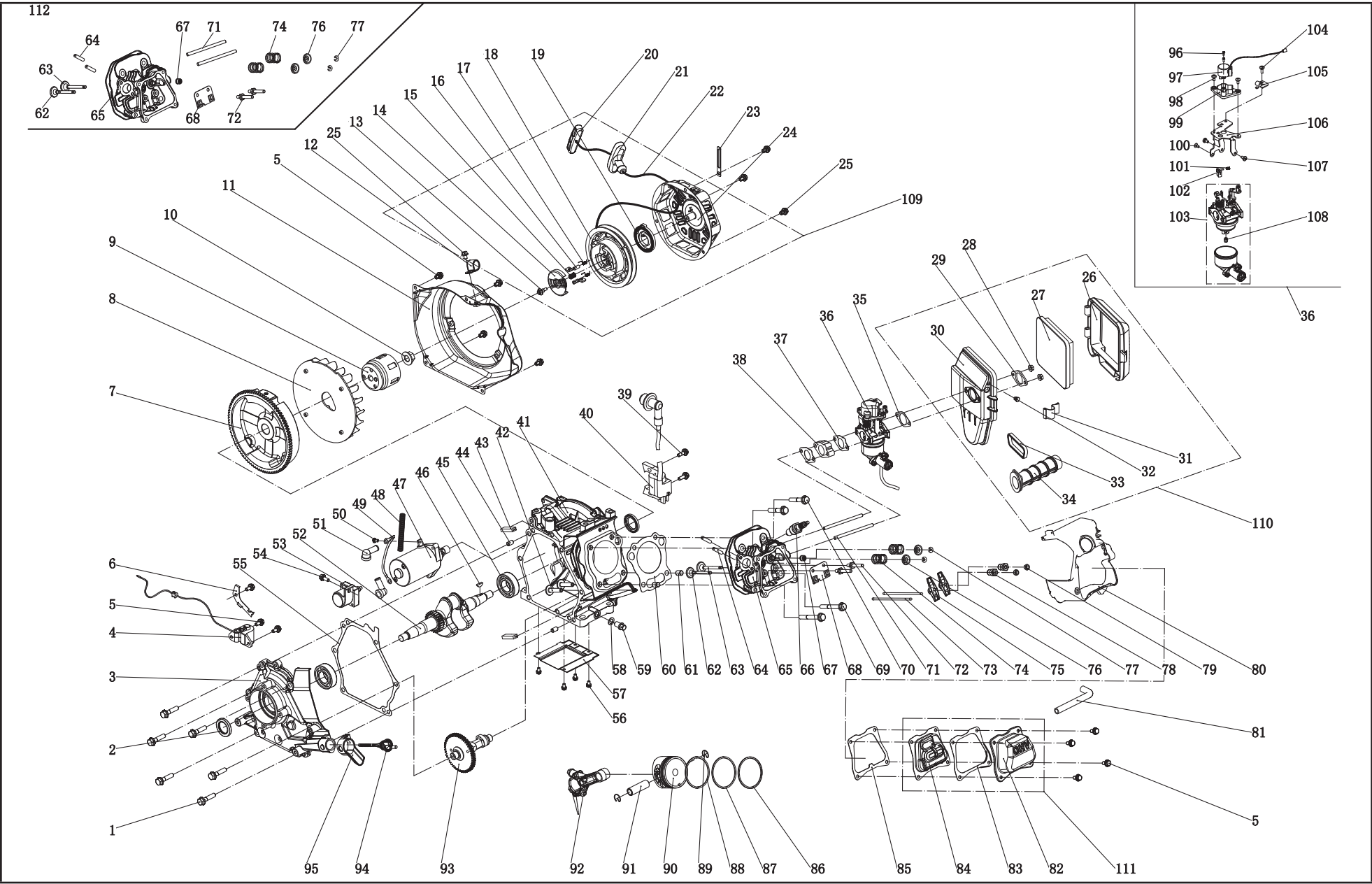
#	Part Number	Description	Qty.
60	2.02.006	Flange Nut, M14 x 1.5	1
61	83.191100.01	Rotor Assembly	1
62	1.5789.0645	Flange Bolt M6 x 45	4
63	83.191200.20	Stator Assembly	1
64	5.1280.011	Fuse, 15A	1
65	83.190002.01	End Cover, Mortor	1
66	1.5789.0620	Flange Bolt M6 x 20	6
67	28.691	Engine, 192cc	1
68	1.6177.1.08	Lock Nut M8, Flange	12
69	83.201600.02	Supporter, Left	1
70	83.201600.01	Supporter, Right	1
71	83.201200.01	Motor Mount	4
72	83.200607.01	Plug, Oil Drain Hole	1
73	1.6182.06	Lock Nut M6	6
74	83.200601.01	Base Setting Component	1
75	83.200609.02	Steel Plate 2	2
76	83.200609.01	Steel Plate 1	2
77	83.201400.01	Rubber Pad	2
78	83.201702.01	Plug, Wheel	2
79	1.894.1.12	Retaining Ring, Ø12	2
80	1.848.12	Washer Ø12	2
81	83.201701.02	Wheel, Right	1
82	83.201500.01	Axle	1
83	83.201701.01	Wheel, Left	1
84	83.200305.01	Spring Patch	5
85	83.200304.01	Rubber Seal, Muffler Cover	1
86	1.845.3595	Screw ST3.5 x 9.5	8
87	83.200303.01.2	Muffler Cover, Black	1
88	83.200701.01.2	Grip, Right, Black	1
89	83.200302.01.2	Cover, Right Side, Black	1
90	2.08.075.1	Bolt M6 x 20, Black	2
91	5.1320.030	Plastic Corrugated Pipe, Ø5 x Ø8 x 520	2

#	Part Number	Description	Qty.
92	5.1900.019	Red Wire, Battery, 600 mm	1
93	83.200018.01	Holder, Control Unit and Battery	1
94	152.200013.02.3	Jacket, Wire, Red	1
95	83.221000.90.92	Control Unit, 3100W, 120V/60Hz, Wireless Parallel	1
96	1.16674.0516	Flange Bolt M5 x 16	1
97	81.220001.00	Protector, Control Unit	2
98	122.200013.04.3	Jacket, 9AH Battery, Red	1
99	83.200908.01	Fixation Bar, Sponge	1
100	122.200904.00	Pinch, Rubber	1
101	9.1000.070	Battery, 149.5 x 85 x 94, 7AH	1
102	122.200013.04	Jacket, 9AH Battery, Black	1
103	5.1900.060	Black Wire, Battery, 600 mm	1
104	1.16674.0512	Flange Bolt M5 x 12	1
105	5.1800.007	Rectifier	1
106	83.130200.01	Pull Choke Assembly	1
107	1.9074.4.0414.1	Screw M4 x 14, Black	5
108	87.070001.01	Knob, Fuel Valve	1
109	87.070021.01	Quick coupler	1
110	1.823.0408	Screw M4 x 8	2
111	83.061200.01.2	Guide Plate, Rope, Black	1
112	83.200106.02	Protector, Front Cover	1
113	83.070400.01.0	Fuel Valve	1
114	1.97.1.05	Washer Ø5	3
115	1.845.4819	Screw ST4.8 x 19	2
116	83.070011.02	Fuel Pipe, Fuel Valve To Carburetor	1
117	2.06.023	Clip Ø20	2
118	87.070012.01	Pipe, 280 mm	1
119	87.200101.01	Front Cover, Dual Fuel, Black	1
120	83.018.38.45	Control Panel, Yellow	1
121	5.1800.004	Rectifier, Solenoid Valves	1
122	5.1820.009	Charger	1

#	Part Number	Description	Qty.
123	1.845.4816	Screw ST4.8 x 16	1
124	1.845.3513	Screw ST3.5 x 13	1
125	5.1110.009	Receptacle, Battery Charger	1
126	83.210016.00	Speed Limiter	1
127	5.1010.003.1	Switch, Economy, Black	1
128	5.1000.001.3	Switch, Red	1
129	1.6170.03	Nut M3	2
130	5.1050.000	Switch	1
131	1.823.0325	Screw M3 x 25	2
132	1.818.0514.3	Screw M5 x 14, Green	2
133	87.210002.02	Control Box	1
134	1.9074.1.0535	Screw/Washer Assembly M5 x 35	1
135	1.9074.4.0512	Screw/Washer Assembly M5 x 12	1
136	100396.21.10	Wire Assembly	1
137	122.210003.01	Grommet	1
138	1.6177.1.04.1	Lock Nut M4, Flange, Black	4
139	5.1000.015.3	Switch, Battery, Red	1
140	5.1120.023	Receptacle L5-30R, CSA	1
141	5.1210.930	30Amp Circuit Breaker, Push Button	1
142	5.1210.920	20Amp Circuit Breaker, Push Button	1
143	5.1120.027	Receptacle 5-20R, Duplex, CSA	1
144	83.210001.01.1	Connect Port, 125V/25A, Black	1
145	83.210001.01.3	Connect Port, 125V/25A, Red	1
146	5.1110.005	Receptacle, DC.12V	1
147	5.1200.908	8Amp Circuit Breaker, Push Button	1
148	1.5783.0520.3	Bolt M5 x 20, Green	1
149	1.862.05	Lock Washer Ø5, Toothed	1
150	1.971.05.3	Washer Ø5, Green	2
151	1.93.05.3	Lock Washer Ø5, Green	2
152	1.6170.05.3	Nut M5, Green	2
153	100396.21	Control Panel Assembly	1
154	87.130000.92	LPG Hose With Regulator 2.3 ft., 0.7 m	1

#	Part Number	Description	Qty.
155	9.1700.008	Plug, USB 5V/2.4A	1
156	9.3000.016	RV Adaptor Plug	1
157	9.1700.010	Smart Charger, 12V	1

ENGINE DIAGRAM



ENGINE PARTS LIST

#	Part Number	Description	Qty.
1	1.5789.0835	Flange Bolt, M8 x 35	6
2	2.11.014	Oil Seal	2
3	83.030007.01	Cover, Crankcase	1
4	83.127000.01	Oil Level Sensor	1
5	1.5789.0612	Flange Bolt, M6 x 12	11
6	83.030010.01	Plate, Coil	1
7	83.120100.04	Flywheel	1
8	83.080001.01	Cooling Fan	1
9	83.060001.01	Pulley, Starter	1
10	2.02.006	Flange Nut, M14 x 1.5	1
11	87.080100.01.2	Fan Cover	1
12	2.06.029	Clamp, Ø17	1
13	45.060008.00	Screw, Ratchet Guide	1
14	45.060007.00	Ratchet Guide	1
15	45.060009.00	Spring, Ratchet Guide	1
16	45.060002.00	Starter Ratchet, Iron	2
17	45.060003.00	Spring, Ratchet	2
18	21.061001.01	Reel, Recoil Starter	1
19	21.061005.00	Spring, Recoil Starter	1
20	81.061010.01	Holder, Rope	1
21	81.061006.00	Grip, Rubber	1
22	2.10.001.1	Rope, Ø4 x 1570, Black	1
23	2.05.050	Clamp, 100 mm, Wire	1
24	83.061100.01.2	Cover, Recoil Starter	1
25	1.5789.0608	Flange Bolt, M6 x 8	4
26	83.091200.01	Cover, Air Cleaner	1
27	83.091300.01	Element, Air Cleaner	1
28	1.6177.1.06	Lock Nut M6, Flange	2
29	83.090001.01	Flange, Steel	1
30	83.091100.01	Base, Air Cleaner	1

#	Part Number	Description	Qty.
31	83.091006.01	Buckle	1
32	83.091008.01	Plug, Air Cleaner Base	1
33	83.091002.02	Seal	1
34	83.090004.01	Pipe, Air Cleaner	1
35	83.130004.01	Gasket, Air Cleaner	1
36	28.130000.02	Carburetor Assembly	1
37	83.130002.01	Gasket, Insulator	2
38	83.130001.01	Insulator, Carburetor	1
39	1.5789.0620	Flange Bolt, M6 x 20	2
40	28.123000.00	Ignition Coil	1
41	28.030100.01	Crankcase	1
42	83.040013.01	Lifter, Valve	2
43	83.030013.01	Seal Strip, Crankcase Cover	2
44	2.04.002	Dawl Pin, 8 x 14	2
45	1.276.6205	Bearing 6205	2
46	2.14.017	Woodruff Key, 4 x 6.5 x 16	1
47	83.125100.01	Starter Motor	1
48	5.1320.010	Plastic Corrugated Pipe, Ø6.8 x Ø10 x 100	1
49	5.1900.065	Red Wire, 130 mm	1
50	1.9074.3.0508	Screw/Washer Assembly, M5 x 8	1
51	152.200013.01	Sheath, Rubber	2
52	83.050100.01	Crankshaft	1
53	83.125200.01	Relay, Starter	1
54	1.5789.0615	Flange Bolt, M6 x 15	1
55	83.030008.01	Gasket, Crankcase Cover	1
56	1.9074.4.0510	Screw/Washer Assembly, M5 x 10	4
57	83.080014.01.01	Air Guide Board	1
58	2.03.016	Washer, Ø10 x Ø16 x 1.5, Drain Bolt	1
59	2.08.037	Bolt, M10 x 1.25 x 25, Drain	1
60	28.030009.00	Gasket, Cylinder Head	1

#	Part Number	Description	Qty.
61	2.04.003	Dowel Pin, Ø10 x 14	2
62	83.040006.01	Valve, Exhaust	1
63	28.040002.00	Valve, Intake	1
64	2.01.017	Stud Bolt, M6 x 32	2
65	28.010100.01	Cylinder Head	1
66	2.15.008	Spark Plug, F7RTC	1
67	83.040017.01	Oil Seal, Valve	1
68	83.040004.01	Guide Plate, Push Rod	1
69	1.5789.0865	Flange Bolt, M8 x 65	2
70	1.5789.0850	Flange Bolt, M8 x 50	2
71	2.01.020	Stud Bolt, M6 x 97	2
72	83.040010.01	Bolt, Rocker Arm	2
73	83.040005.01	Push Rod	2
74	83.040003.01	Spring, Valve	2
75	83.040009.01	Rocker Arm, Valve	2
76	83.040001.01	Retainer, Valve Spring	2
77	83.040014.01	Valve Collet	2
78	21.040020.00	Adjusting Nut, Valve	2
79	21.040021.00	Nut, Lock	2
80	83.080200.01	Air Shroud, Cylinder	1
81	23.020001.01	Breather Tube	1
82	83.021101.01	Cover, Cylinder Head	1
83	83.021001.01	Gasket, Cylinder Head Element	1
84	83.021200.01	Element Component, Head Cover	1
85	83.020002.01	Gasket, Cylinder Head Cover	1
86	28.050301.00	Ring, First Piston	1
87	28.050302.00	Ring, Second Piston	1
88	28.050303.00	Ring, Oil	1
89	2.09.002	Circlip, Ø16 x Ø1	2
90	28.050005.01	Piston	1
91	83.050003.01	Wrist Pin	1
92	83.050200.01	Connecting Rod Assembly	1

#	Part Number	Description	Qty.
93	83.040100.01	Camshaft	1
94	83.031000.01	Oil Dipstick Assembly	1
95	83.030035.01	Oil Nipple	1
96	1.818.0306.1	Screw, M3 x 6, Black	2
97	81.132200.00	Stepper Motor	1
98	1.9074.1.0408	Screw/Washer Assembly, M4 x 8	2
99	82.132100.00	Base, Stepper Motor	1
100	1.819.0508	Screw, M5 x 8	1
101	81.130010.00	Spring, Connector	1
102	81.130008.00	Connector, Choke Valve Axis	1
103	28.131000.02	Carburetor	1
104	1.9074.3.0512	Screw/Washer Assembly, M5 x 12	1
105	81.130007.00	Pressure Plate, Choke Control Line	1
106	83.130005.03	Support, Stepper Motor	1
107	1.9074.3.0508	Screw/Washer Assembly, M5 x 8	2
108	28.131017.00	Main Jet, Standard	1
	28.131017.00.01	Main Jet, Altitude	/
109	83.061000.01	Recoil Assembly	1
110	83.091000.01	Air Cleaner Assembly	1
111	83.021000.01	Cylinder Head Cover Assembly	1
112	28.010000.00	Cylinder Head Assembly	1

WIRING DIAGRAM

