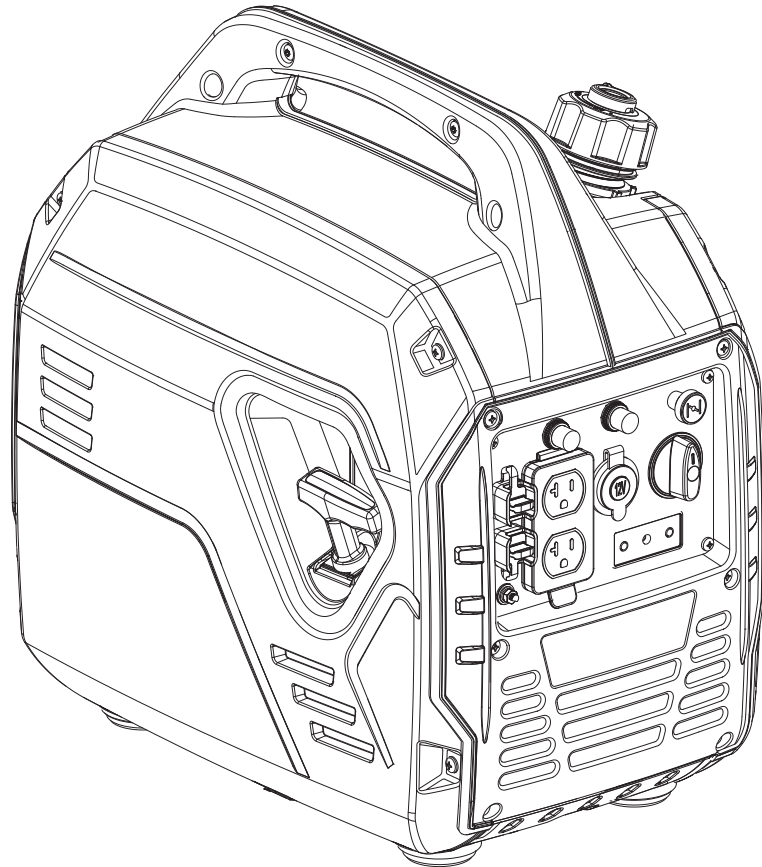




Champion Power Equipment, Inc., Santa Fe Springs, CA USA

**MODEL #100889**



## **PARTS INFORMATION**

**2500W PORTABLE INVERTER GENERATOR**

**SERIAL NUMBER RANGE: ALL**

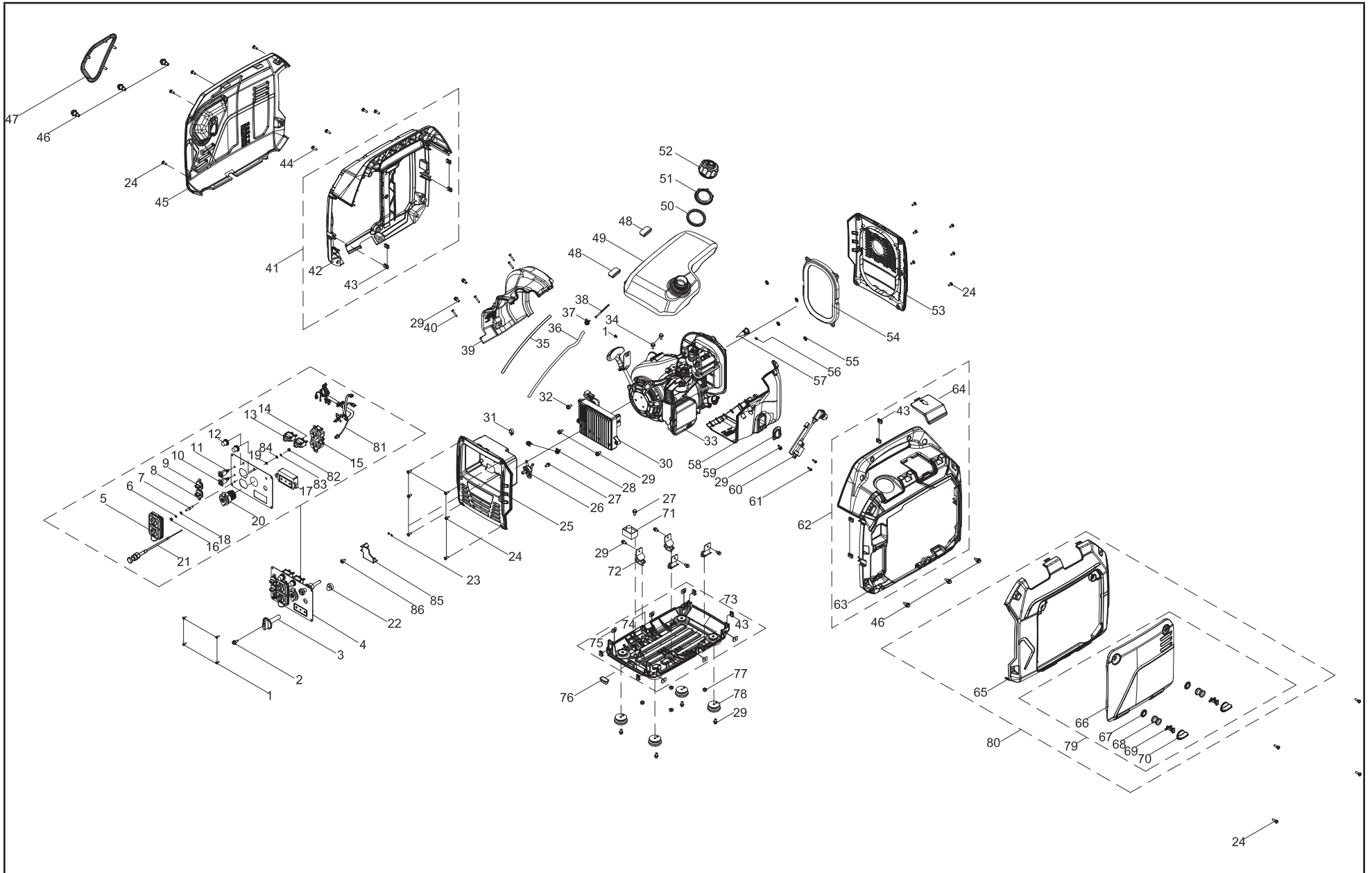


To order replacement parts please visit:  
**[shop.championpowerequipment.com](http://shop.championpowerequipment.com)**  
or call **1-877-338-0999**.

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# GENERATOR DIAGRAM



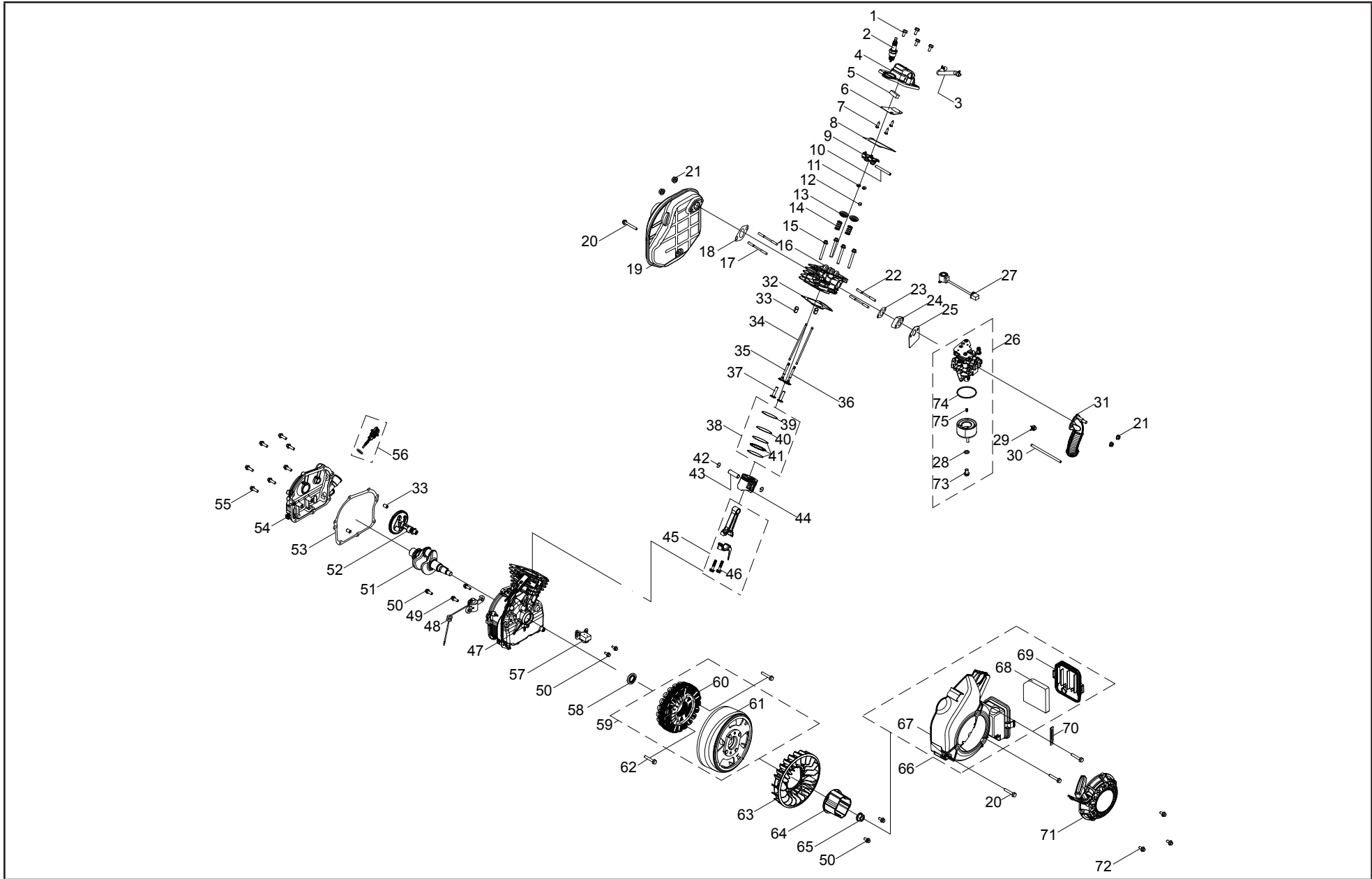
## GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	100010946-0001	Screw M4 x 10	5
2	100095857-0005	Bolt M4 x 18	1
3	100072724	Lever, Fuel Valve	1
4	100142156-0001	Panel Assembly	1
5	100088270	Receptacle Cover 5-20R, Duplex	1
6	100010886-0004	Spring Washer Ø6	1
7	100092320	Ground Stud	1
8	100150096-0002	Cover, Parallel Terminal, Black	1
9	100150096-0001	Cover, Parallel Terminal, Red	1
10	100091059-0002	Parallel Terminal, Black	1
11	100091059-0001	Parallel Terminal, Red	1
12	100120180	Cover, Circuit Breaker	2
13	100019747	20Amp Circuit Breaker, Push Button	1
14	100057719	8Amp Circuit Breaker, Push Button	1
15	100020029	Receptacle 5-20R, Duplex	1
16	100011421-0003	Flange Nut M6	1
17	100142155	LED Display Module	1
18	100010910-0003	Flat Washer Ø6	1
19	100011025-0001	Lock Washer Ø6, Toothed	1
20	100019782	Receptacle, 12 VDC	1
21	100074968	Cable	1
22	100083841	Switch Block	1
23	100091757	Circlip, Bearing Holder, Ø1.8 x Ø6	2
24	100081995	Step Bolt	20
25	100142063-0001	Front Panel, Black	1
26	100126150	Fuel Valve, Angle 45°	1
27	100011571-0001	Big Flange Bolt M6 x 14	2
28	100005149	Clamp 1, Ø7.5	2
29	100011570-0001	Big Flange Bolt M6 x 12	13
30	100159547	Inverter Module,120V 60Hz	1

#	Part Number	Description	Qty.
31	100000671	Clip Ø13	1
32	100011249-0003	Bolt M5 x 12	1
33	1ZC7DFB05	Engine 79cc	1
34	100033099-0006	Big Flange Bolt M6 x 18	2
35	100131884	Tube Sheath, Silicon Resin	1
36	100131883	Fuel Tube, L=275mm	1
37	100090871	Clamp 2, Ø9.7 x 8	1
38	100009020	Fuel Strainer	1
39	100072874	Rear Air Guide	1
40	100011004-0001	Self-tapping Screw ST4.2 x 25	4
41	100092440-0007	Housing Assembly, Left Handle, Black	1
42	100139137	Housing, Left Handle, Black	1
43	100050562	Threaded Clamp	12
44	100033079-0003	Screw M5 x 16	4
45	100142060-0003	Side Cover Plate, Left, Yellow	1
46	100081994	Shaft Locating Bolt	6
47	100092446	Deco Trim, Recoil	1
48	100072727	Rubber Pad	2
49	100087371	Fuel Tank, 4 L	1
50	100073150	Rubber Washer	1
51	100008887	Lock Nut	1
52	100072726-0001	Fuel Tank Cap	1
53	100142062-0001	Rear Panel, Muffler, Black	1
54	100072722	O-ring Seal	1
55	100087972	Retainer Ring	4
56	100011000-0001	Self-tapping Screw ST4.2 x 9.5	1
57	100085794	Spark Arrester Assembly	1
58	100072875	Front Air Guide	1
59	100072878	Oil Seal	1
60	100097811	Ignition Coil	1

#	Part Number	Description	Qty.
61	100093250-0005	Self-tapping Screw ST4.8 x 20	2
62	100092441-0007	Housing Assembly, Right Handle, Black	1
63	100139138	Housing, Right Handle, Black	1
64	100092444-0005	Spark Plug Maintenance Plate, Black	1
65	100142057-0001	Housing Panel, Right, Yellow	1
66	100142061-0001	Maintenance Panel, Yellow	1
67	100146896	1/4 Turn Dial Washer	2
68	100146895	1/4 Turn Dial Spring	2
69	100146894-0001	1/4 Turn Dial Lever	2
70	100142059-0001	1/4 Turn Dial	2
71	100090005	Rectifier Bridge, Capacitance	1
72	100072715	Vibration Mount, Support	4
73	100088546	Housing Assembly, Bottom, Black	1
74	100072711	Housing, Bottom, Black	1
75	100072994	Step Nut M6	6
76	100072710	Rubber Damper	1
77	100011452-0003	Nut M6	4
78	100072712	Foot, Bottom Housing	4
79	100154370-0002	Maintenance Panel Assembly, Yellow	1
80	100157108-0002	Housing Assembly, Right, Yellow	1
81	100163194	Wiring	1
82	100011419-0001	Nut M5	1
83	100010885-0003	Spring Washer Ø5	1
84	100010919-0002	Flat Washer Ø5	1
85	100714558	Wire Stop Block	1
86	100011001-0004	Self-tapping Screw ST4.2 x 10	1

# ENGINE DIAGRAM



**ENGINE PARTS LIST**

#	Part Number	Description	Qty.
1	100033099-0006	Big Flange Bolt M6 x 18	4
2	100097810	Spark Plug(E6RTC)	1
3	100154528	Breather Tube	1
4	100072876	Cylinder Head Cover Assembly	1
5	100085696	Strainer, Cylinder Head Cover	1
6	100085695	Inner Cover, Cylinder Head Cover	1
7	100005133	Cross Screw M3 x 6.5	3
8	100075052	Gasket, Cylinder Head Cover	1
9	100075054	Rocker Arm Assembly	2
10	100075053	Shaft, Rocker Arm	1
11	100075055	Valve Collet	2
12	100075058	Oil Drip Pan	1
13	100075056	Valve Spring Seat, 182F	2
14	100159357	Spring Valve	2
15	100011275-0002	Flange Bolt M6 x 50, GB5789	4
16	100148916	Cylinder Head	1
17	100088412	Stud Bolt M6 x 73	2
18	100075043	Muffler Pad	1
19	100065662	Exhaust Muffler Assembly	1
20	100011277-0001	Flange Bolt M6 x 60, GB5789	4
21	100011452-0003	Lock Nut M6, Flange	4
22	100010348	Stud Bolt M6 x 87	2
23	100075048	Gasket, Insulator	1
24	100075049	Insulator, Carburetor	1
25	100075050	Gasket, Carburetor	1
26	100159122	Carburetor	1
27	100061512	Stepper Motor	1
28	100006037	Fuel Bowl Mounting Bolt Gasket	1
29	100005149	Clamp 1, Ø7.5	1
30	100087351	Oil Tube	1

#	Part Number	Description	Qty.
31	100075035	Air Filter Hose	1
32	100085694	Gasket, Cylinder Head	1
33	100010549	Dowel Pin Ø8 x 12	4
34	100075061	Push Rod	2
35	100075059	Valve Exhaust	1
36	100159354	Valve Intake	1
37	100075036	Lifter, Valve	2
38	100075040	Piston Ring Set	1
39	100088147	1st Piston Ring	1
40	100088148	2nd Piston Ring	1
41	100088146	Oil Ring	1
42	100075038	Circlip	2
43	100075039	Wrist Pin	1
44	100159355	Piston	1
45	100075037	Connecting Rod	1
46	100091043	Bolt, Connecting Rod	2
47	100085410	Crankcase	1
48	100075063	Oil Level Sensor	1
49	100031967-0007	Big Flange Bolt M6 x 16	2
50	100011570-0001	Big Flange Bolt M6 x 12	5
51	100065663	Crankshaft	1
52	100159356	Camshaft	1
53	100075062	Gasket, Crankcase Cover	1
54	100072617	Cover, Crankcase	1
55	100031968-0002	Big Flange Bolt M6 x 20	7
56	100084322-0003	Oil Dipstick Assembly, Black	1
57	100092649	Trigger	1
58	100085697	Oil Seal Ø20 x Ø32 x 6	1
59	100159546	Alternator Assembly, Ø150 x 44.5 mm	1

#	Part Number	Description	Qty.
60	100159545	Stator Assembly, Fe, Ø120 x 21 mm	1
61	100085871	Rotor Assembly, Permanent Magneto, Ø150 x 44.5 mm	1
62	100011223-0001	Flange Bolt M6 x 32	2
63	100072871	Cooling Fan	1
64	100072872	Pulley, Starter	1
65	100033063-0001	Flange Nut M12 x 1.25	1
66	100072873	Fan Cover Assembly	1
67	100085054	Fan Cover, Black	1
68	100075483	Air Filter Element	1
69	100075482	Air Filter Cover	1
70	100000655	Wire Clip B	1
71	100075051-0001	Recoil Starter Assembly, Black	1
72	100011571-0001	Big Flange Bolt M6 x 14	3
73	100131964	Fuel Bowl Mounting Bolt	1
74	100131960	Fuel Bowl O-Ring	1
75	100163552	Main Jet Standard	1
	100163549	Main Jet Altitude 1000-2000m	/
	100163550	Main Jet Altitude 2000-3000m	/



# WIRING DIAGRAM

