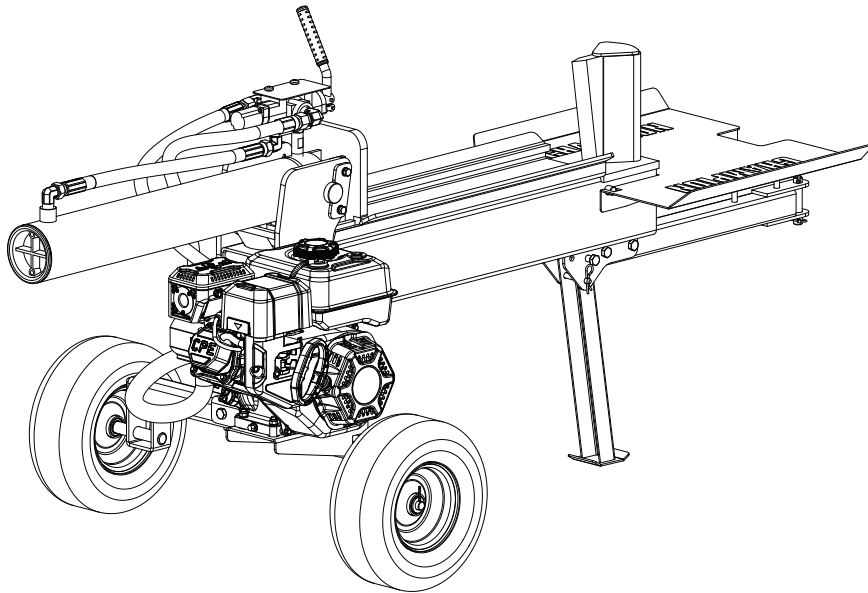




Champion Power Equipment, Inc.

MODEL #201549



PARTS INFORMATION

20-TON HALF-BEAM GAS-POWERED LOG SPLITTER

SERIAL NUMBER RANGE: ALL



To order replacement parts please visit:
shop.championpowerequipment.com
or call **1-877-338-0999**.

TABLE OF CONTENTS

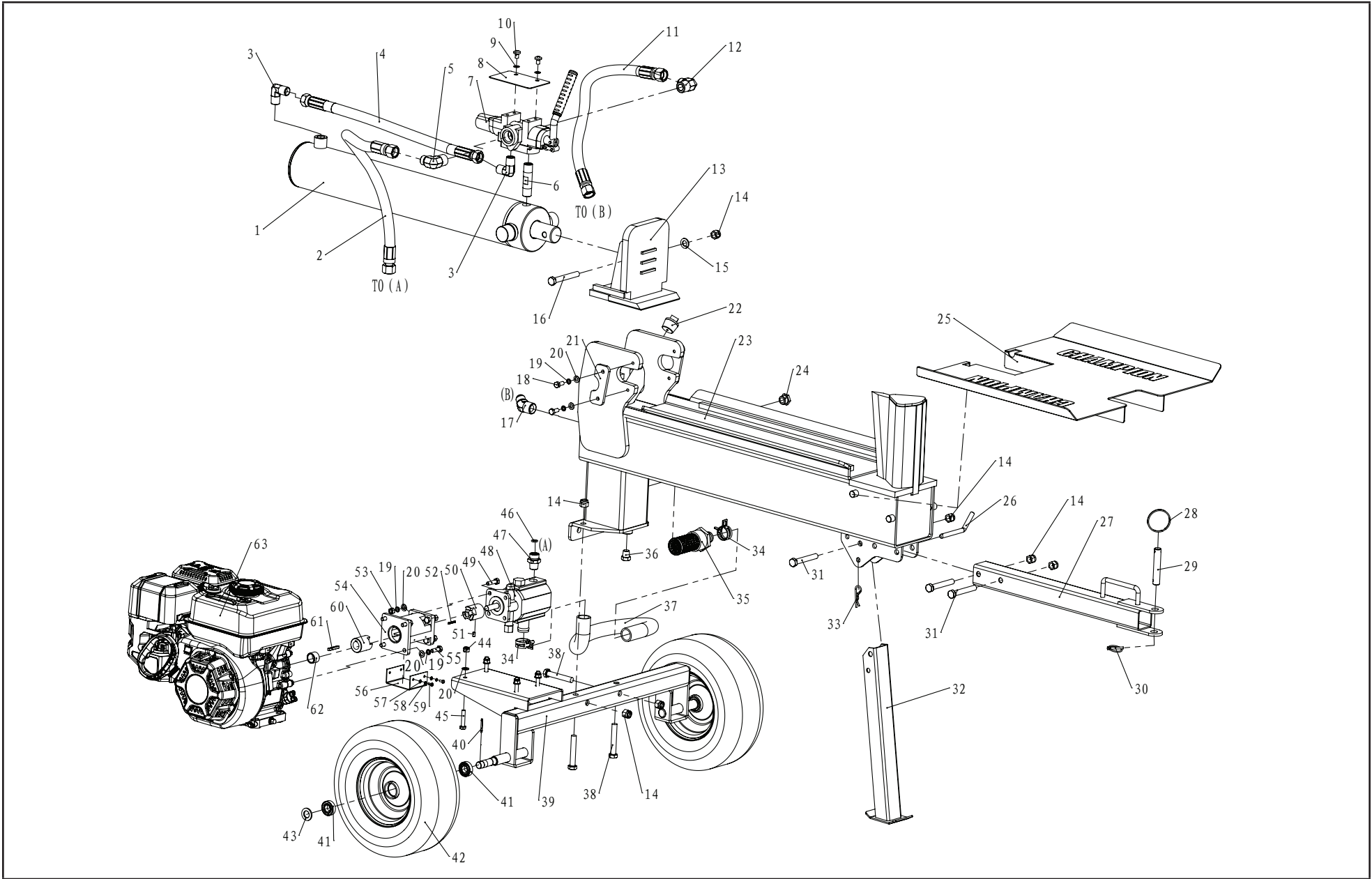
Log Splitter Parts Diagram..... 3

Log Splitter Parts List 4

Engine Parts Diagram 6

Engine Parts List 7

LOG SPLITTER PARTS DIAGRAM



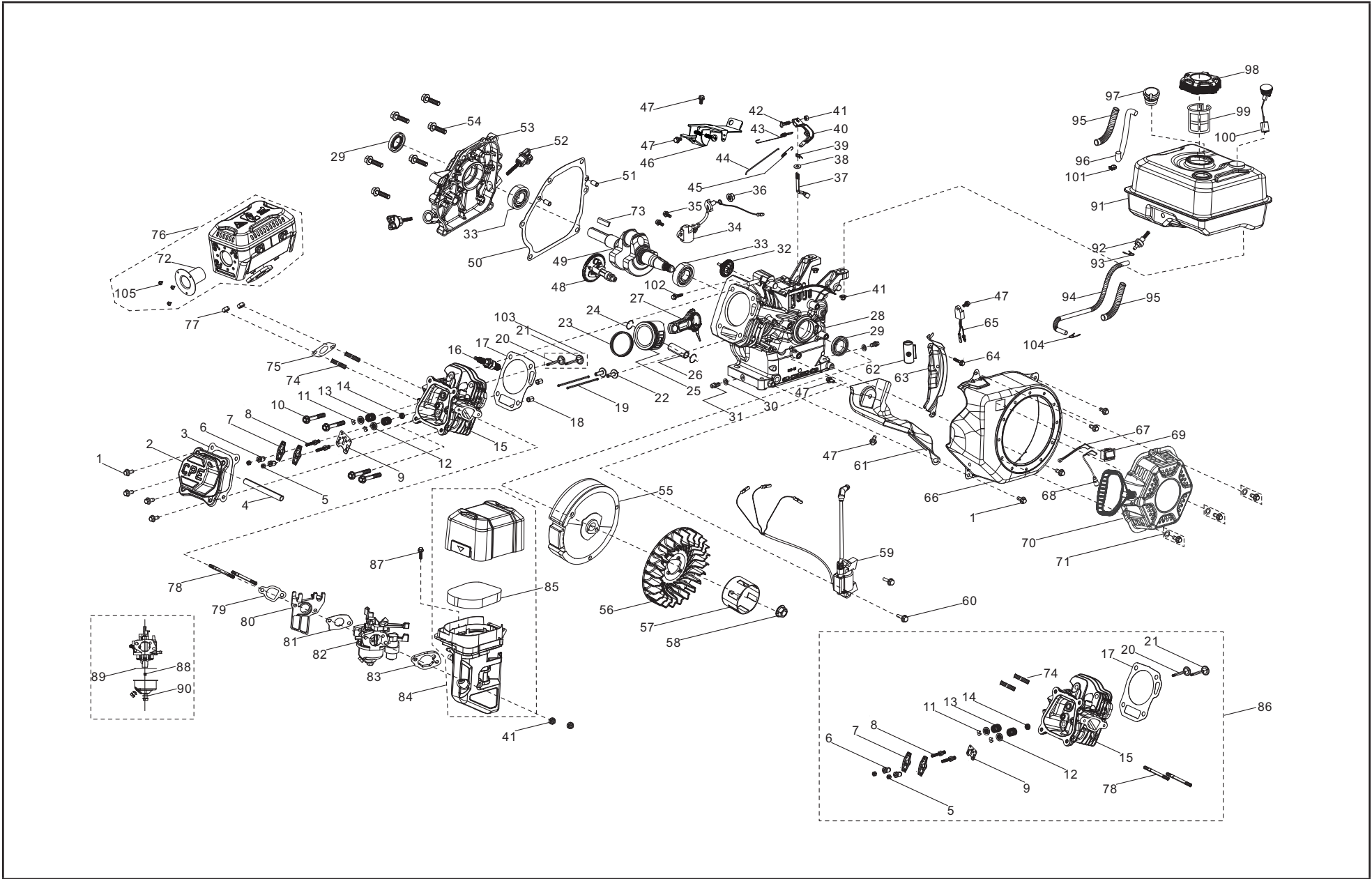
LOG SPLITTER PARTS LIST

#	Part Number	Description	Qty.
1	PMJ20-08-00	Cylinder	1
2	PMJ20-18	Hydraulic Hose(Valve-Pump)	1
3	PMJ7-15	Right Angle Joiner	2
4	PMJ22Q-21	Hydraulic Hose(Valve-Cylinder)	1
5	PMJ20J-16	Control Valve "IN" Connector	1
6	PMJ7-22	Through Joiner	1
7	PMJ27B-12	Control Valve	1
8	PMJ22J-19	Plate	1
9	G859-1987-8	Washer Ø8	2
10	G818-2000-M8-12	Bolt M8x12	2
11	PMJ20-22	Hydraulic Hose(Valve-Oil Tank)	1
12	PMJ25Y-23	Right Angle Joiner	1
13	PMJ20-03-00	Bracket	1
14	G889.1-2000-M12	Lock Nut M12	8
15	G95-2002-12	Washer Ø12	1
16	G5782-2000-M12-90	Bolt M12x90(12.9)	1
17	PMJ25Y-24	135Degree Oil Return Connector	1
18	G5783-2000-M8-20	Bolt M8x20	4
19	G93-1987-8	Lock washer Ø8	4
20	G95-2000-8	Washer Ø18	8
21	PMJ22J-03	Cylinder Fixing Plate	2
22	PMJ22G-18	Screw NPT 1 in.	1
23	PMJ20-01-00	Beam	1
24	G1160.2-89	Oil Scale	1
25	PMJ20-21-00	Log Catcher	1
26	PMJ20-16	Support Leg Lock Pin	1
27	PMJ20-06-00	Base Tube	1
28	A1075	spring coil	1
29	PMJ20-20	Trailer axle	1
30	PMJ20-17	Elastic pin 4.5*32	1

#	Part Number	Description	Qty.
31	G5782-2000-M12-80	Bolt M12x80	3
32	PMJ20-07-00	Front Support Leg	1
33	PMJ22G-30	R Pin	1
34	PMJ25Y-38	Clamp d30	2
35	PMJ22Q-20A	Internal Oil Filter	1
36	PMJ22G-19	Oil Plug	1
37	PMJ25M-17	Oil Pipe	1
38	G5782-2000-M12-75	Bolt M12x75	4
39	PMJ20-04-00	Engine & Wheel Fixed Mount	1
40	G91-2000-3.2-25	Cotter Pin Ø3.2x25	2
41	G276-94-6003-RZ	Rolling bearing 6003-RZ	4
42	13X5.0-6	Wheel	2
43	G95-2000-16	Washer Ø16	2
44	G889.1-2000-M8	Lock Nut M8	4
45	G5782-2000-M8-40	Bolt M8x40	4
46	G3452.1-92-10-2.65	"O" Ring Ø10x2.65	1
47	PMJ22G-21	Outlet Connector Of Pump	1
48	PMJ22J-14	Gear Pump	1
49	G5783-2000-M8-30	Bolt M8x30	4
50	PMJ22G-26	Gear Pump Connector	1
51	G77-2000-M6-10	Screw M6x10	1
52	G1096-1979-3.18-25.4	Flat Key 3.18x25.4	1
53	G6170-2000-M8	Nut M8	4
54	PMJ22G-27	Gear Pump Stand	1
55	ASME-B18.2.1-1996-516-24-1	Bolt 5/16 in.-24x1 in.	4
56	PMJ22G-32	Connector Cover	1
57	G848-1985-4	Washer Ø4	4
58	G859-1987-4	Lock Washer Ø4	4
59	G818-2000-M4-10	Cross Head Screw M4x10	4

#	Part Number	Description	Qty.
60	PMJ22G-28	Engine Connector	1
61	G1096-1979-5-36	Flat Key 5x36	1
62	PMJ22G-29	Engine Bushing	1
63	R210P-E00DYF	Engine	1

ENGINE PARTS DIAGRAM



ENGINE PARTS LIST

#	Part Number	Description	Qty.
1	90001-000018	Hex Flange Bolt, M6 x 12, White Zn	8
2	12410-000011	Cylinder Head Cover Assy, White Zn	1
3	12004-000013	Cylinder Head Cover Gasket	1
4	17004-000003	Tube, Breather, Ø8 x Ø12 x 95	1
5	14312-000001	Valve Lock Nut	2
6	14314-000001	Valve Adjusting Nut	2
7	14311-000001	Valve Rocker	2
8	14313-000001	Valve Adjusting Bolt	2
9	14090-000001	Lifter Stopper Plate Assy, White Zn	1
10	12003-000001	Cylinder Head Bolt, M8 x 60, White Zn	4
11	12109-000004	Valve Lock Clamp, Ø4.985 x Ø8.475	4
12	12112-000008	Valve Spring Retainer	2
13	12103-000010	Valve Spring, Ø18.3 x Ø2 x 34.5	2
14	12101-000006	Seal Guide	1
15	12140-000019	Cylinder Head Assy	1
16	30010-000001	Spark Plug, F6RTC, M14 x 1.25 x 81	1
17	12131-000015	Cylinder Head Gasket	1
18	90502-000007	Pin, 11 x 14	2
19	14071-000004	Valve Lifter, Ø5 x Ø4 x 132	2
20	12121-000013	Exhaust Valve	1
21	12111-000010	Inlet Valve	1
22	14081-000002	Valve Tappet, Ø23.6 x Ø8 x 31 x SR2.5	2
23	13200-000004	Piston Ring Assy	1
24	13122-000001	Piston Pin Clip	2
25	13111-000007	Piston	1
26	13121-000001	Piston Pin, Ø18 x Ø14 x 54	1
27	13010-000007	Connecting Rod, Ø30.2 x Ø18 x 84	1
28	11310-000017	Crankcase Assy	1
29	90682-000010	Oil Seal, Ø25 x Ø41.25 x 6	2
30	90408-000019	Washer, Ø10 x Ø15.8 x 1.5	2

#	Part Number	Description	Qty.
31	11007-000001	Drain Plug Bolt, M10 x1.25 x15, White Zn	2
32	16400-000001	Governor Gear Assy	1
33	90547-000006	Bearing, 6205	2
34	37060-000001	Engine oil Sensor	1
35	90001-000020	Hex Flange Bolt, M6 x 14, White Zn	2
36	90305-000014	Hex Flange Nut, M10, White Zn	1
37	16061-000001	Governor Arm	1
38	90408-000020	Washer, Ø6.2 x Ø15 x 0.6	1
39	90501-000005	Pin, White Zn	1
40	16070-000001	Governor Support Assy, White Zn	1
41	90305-000008	Hex Flange Nut, M6, Blk Zn	5
42	16072-000001	Governor Support Bolt, M6 x 21, White Zn	1
43	16063-000017	Spring, Governor, Ø6 x Ø0.8 x 120	1
44	16062-000001	Governor Rod, Ø2 x 141.8, White Zn	1
45	16012-000002	Throttle Valve Returning Spring, Ø5.3 x Ø0.35 x 90	1
46	16520-000003	Throttle Control Assy, White Zn	1
47	90001-000016	Hex Flange Bolt, M6 x 10, White Zn	5
48	14200-000015	Camshaft Assy	1
49	13300-000023	Crankshaft Assy	1
50	11001-000008	Crankcase Gasket	1
51	90502-000005	Pin, 9 x 12	2
52	15010-000012	Oil Dipstick Assy	2
53	11411-000011	Crankcase Cover	1
54	90001-000047	Hex Flange Bolt, M8 x 32, White Zn	6
55	13510-000014	Flywheel Assy	1
56	19352-000012	Cooling Fan, Engine	1
57	28002-000004	Starter Pulley, White Zn	1
58	13501-000001	Flywheel Nut, M14 x 1.5, White Zn	1
59	30400-000022	Ignition Coil	1

#	Part Number	Description	Qty.
60	90001-000026	Hex Flange Bolt, M6 x 25, White Zn	2
61	19304-000001	Cylinder Body Shroud, White Zn	1
62	90684-000002	Clip, Ø20 x 43	1
63	19340-000012	Lower Shield, White Zn	1
64	90001-000022	Hex Flange Bolt, M6 x 16, White Zn	1
65	37050-000001	Oil Protector, White Zn	1
66	28110-000030	Shroud	1
67	35555-000004	Switch Connector Grounding Wire	1
68	35541-000009	Stop Engine Connecting Wire	1
69	35540-000004	Stop Engine Switch Assy, 21 x 24 x 21.5	1
70	28200-000039	Recoil Starter Assy	1
71	90251-000001	Washer, M6 x 8, Blk Zn	3
72	18250-000009	Spark Arrestor	1
73	90521-000001	Key, 35 x 4.78 x 4.78	1
74	90203-000001	Stud, M8 x 34, Blk Zn	2
75	18001-000007	Exhaust Gasket	1
76	18100-000048	Muffler Assy	1
77	90303-000007	Hex Nut, M8, Dacromet	2
78	90204-000015	Stud, M6 x 115, Blk Zn	2
79	16002-000001	Carburetor Insulator Gasket	1
80	16003-000001	Carburetor Insulator Plate	1
81	16001-000001	Carburetor Gasket	1
82	16100-000097	Carburetor Assy	1
83	17001-000002	Air Cleaner Gasket	1
84	17100-000004	Air Cleaner	1
85	17151-000007	Air Cleaner Element	1
86	96101-Z120410-0027	Cylinder Head Assy	1
87	90007-000017	Hex Flange Bolt, M6 x 30, White Zn	1
88	16161-000024	Main Jet(74#), Standard	1
	16161-000022	Main Jet(72#), Altitude 3000-6000 Feet	/
	16161-000020	Main Jet(70#), Altitude 6000-8000 Feet	/
89	16112-000001	Seal Ring, Float, Ø48.5 x Ø51.5	1

#	Part Number	Description	Qty.
90	90681-000003	Seal Ring	1
91	16620-000043	Fuel Tank, 3.1L	1
92	16680-000003	Fuel Tank Oil Outlet Assy	1
93	90740-000004	Clamp, Ø8 x 1	1
94	90686-000025	Tube, Ø4.5 x Ø8.5 x 160	1
95	30431-000016	Rubber Jacket, Ø9.5 x Ø11 x 90	2
96	16805-000018	Rubber Hose, Air Cleaner, Ø4.5 x Ø8.5 x 270	1
97	15150-000005	Valve, One Way	1
98	16730-000022	Fuel Tank Cap	1
99	16652-000012	Fuel Strainer	1
100	37200-000016	Fuel Gauge	1
101	90685-000013	Clamp, Ø8.5 x 0.6 x 8, Dacromet	1
102	90001-000030	Hex Flange Bolt, M6 x 30, White Zn	1
103	12110-000013	Valve Set	1
104	90685-000012	Clamp, Ø8 x 0.6 x 7, Dacromet	1
105	90107-000015	Screw, ST4.2x9, Dacromet	3