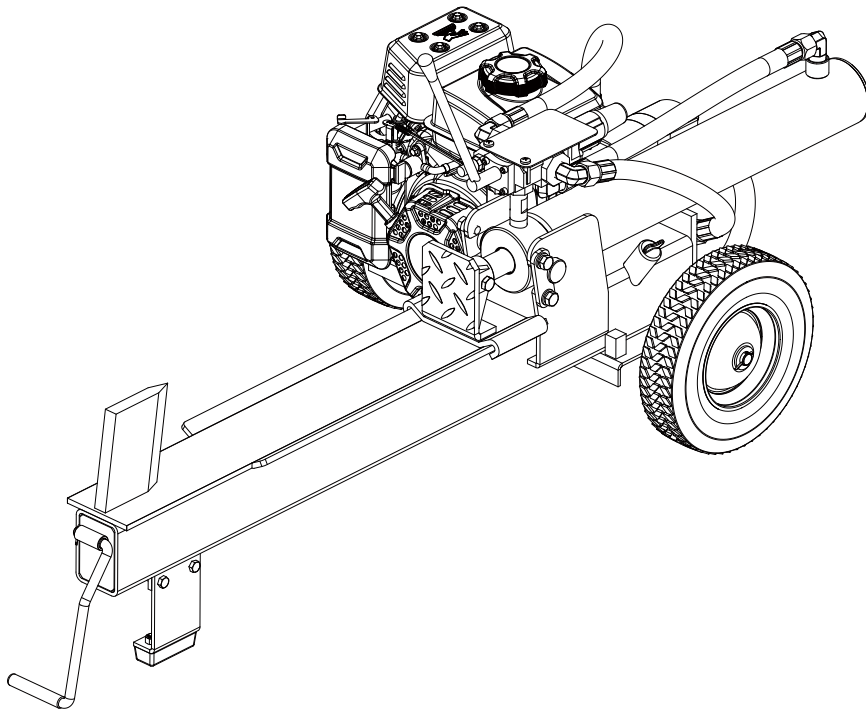




Champion Power Equipment, Inc., Santa Fe Springs, CA USA

MODEL #90720



PARTS INFORMATION

7 TON FULL BEAM LOG SPLITTER

SERIAL NUMBER RANGE: ALL



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

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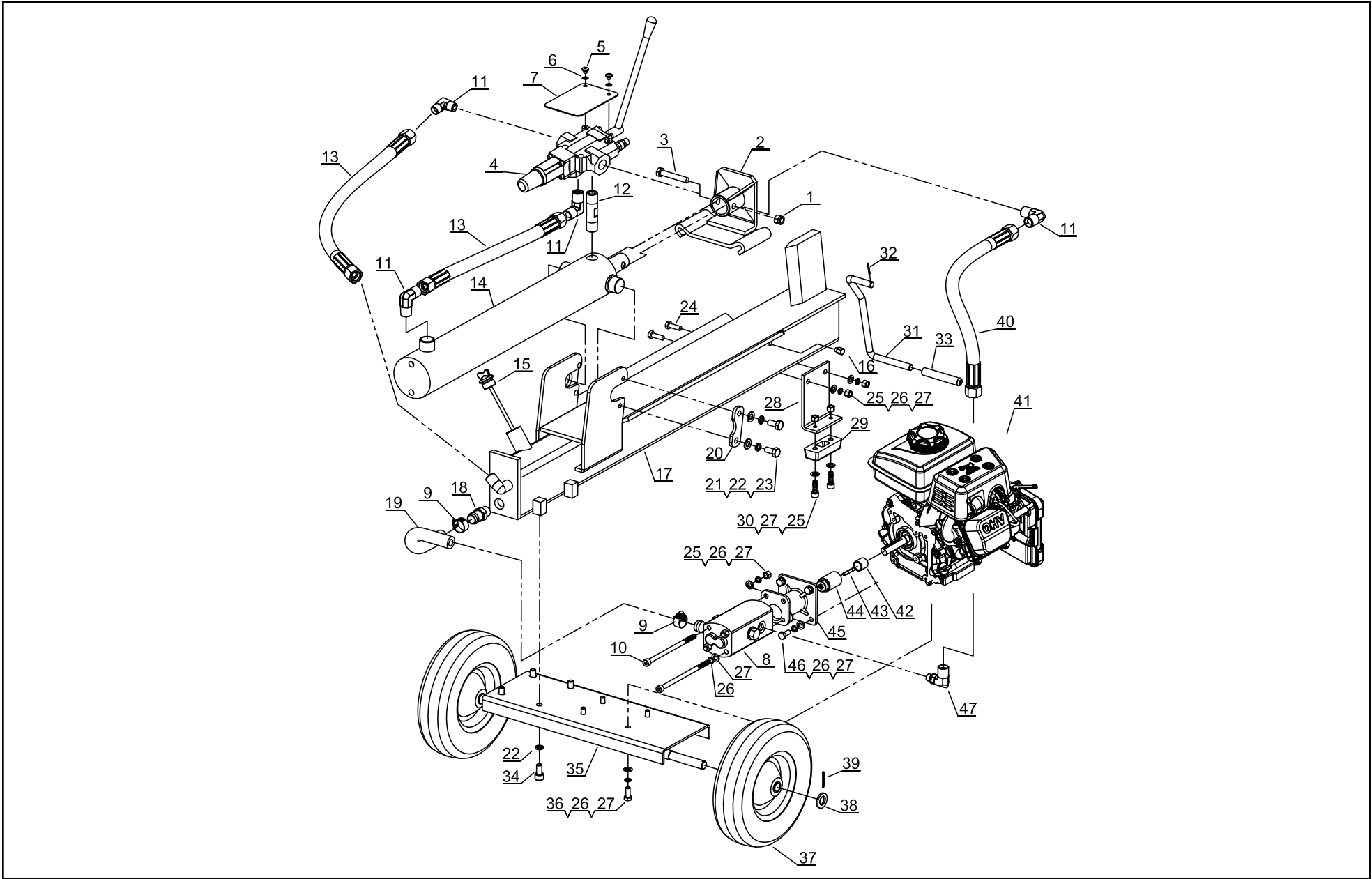
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LOG SPLITTER PARTS DIAGRAM

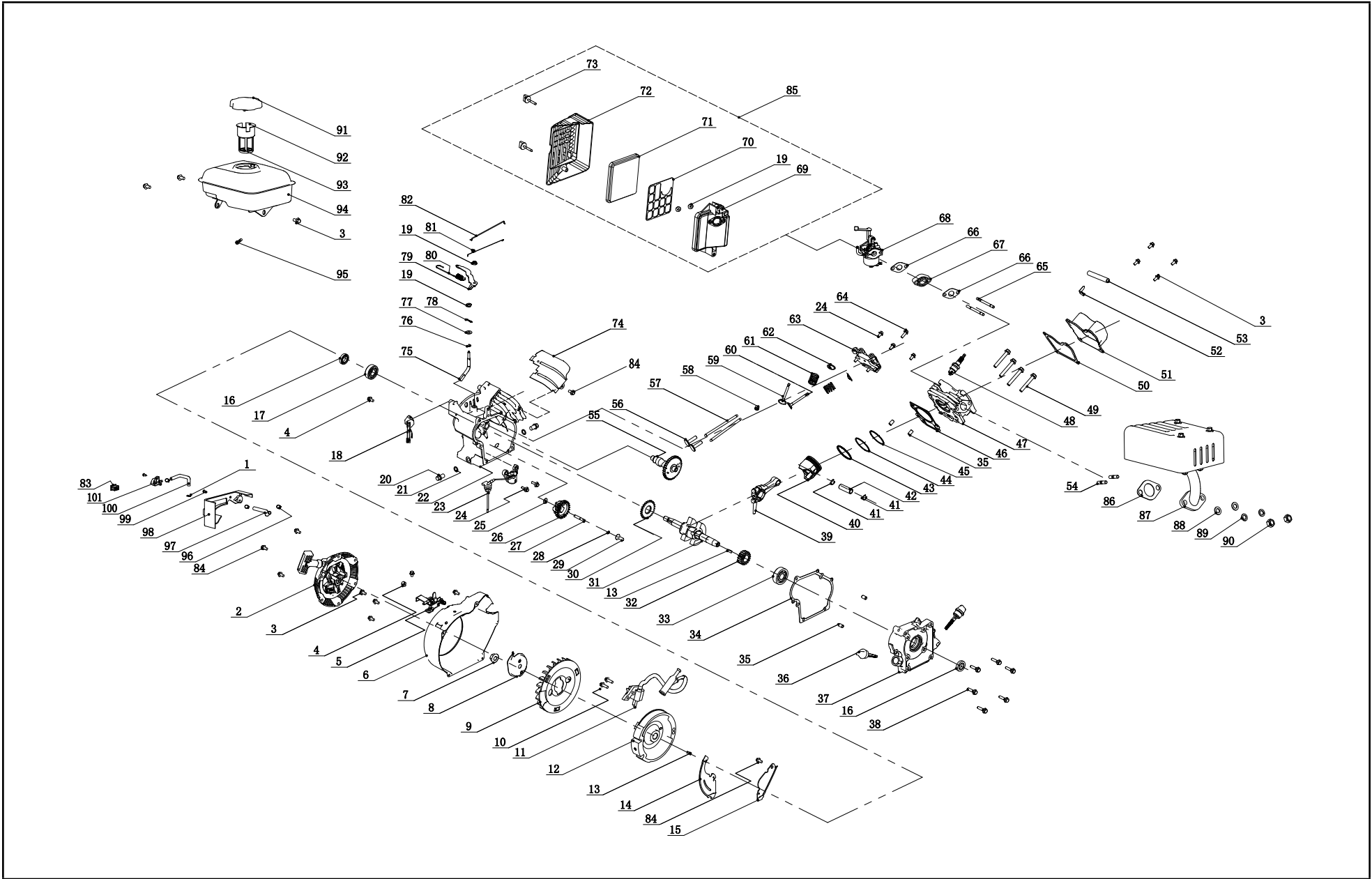


LOG SPLITTER PARTS LIST

#	Part Number	Description	Qty.
1	G889.1-2000-M10	Lock Nut M10	1
2	PMJ7-02A	Bracket	1
3	G5782-2000-M10-60	Bolt M10 x 60	1
4	PMJ7-21	Control Valve	1
5	G818-2000-M6-10	Bolt M6 x 10	2
6	G93-1987-6	Lock Washer Ø6	2
7	PMJ7-23	Plate	1
8	PMJ7-32	Gear Pump	1
9	J8870-1999-d25	Clamp d25	2
10	G70.1-2000-M8-148	Bolt M8 x 148	2
11	PMJ7-15	Right Angle Joiner 2	4
12	PMJ7-22	Through Joiner 2	1
13	PMJ7-25	Hydraulic Hose, Valve - Cylinder	2
14	PMJ7-08	Cylinder	1
15	PMJ7-05	Dipstick	1
16	PMJ7-24B	Breather Bolt	1
17	PMJ7-01A	Beam	1
18	PMJ7-18	Through Joiner 1	1
19	PMJ7-19	Oil Pipe	1
20	PMJ15-05	Cylinder Fixing Plate	2
21	G95-2000-10	Washer Ø10	4
22	G93-1987-10	Lock washer Ø10	8
23	G5781-2000-M10-20	Bolt M10 x 20	4
24	G5780-2000-M8-25	Bolt M8 x 25	2
25	G41-2000-M8	Nut M8	5
26	G93-1987-8	Lock washer Ø8	12
27	G95-2000-8	Washer Ø8	14
28	PMJ7-04	Support Leg	1
29	PMJ7-07	Rubber Damping Pad	1
30	G70.1-2000-M8-25	Bolt M8 x 25	2

#	Part Number	Description	Qty.
31	PMJ7-06	Handle	1
32	G91-2000-2-20	Cotter Pin Ø2 x 20	1
33	PMJ7-20	Handle Sheath	1
34	G70.1-2000-M10-20	Bolt M10 x 20	4
35	PMJ7-03	Engine & Wheel Fixed Mount	1
36	G5783-2000-M8-20	Bolt M8 x 20	4
37	PMJ7-10	10 in. Solid Wheel	2
38	G95-2000-16	Washer Ø16	2
39	G91-2000-2.5-25	Cotter Pin Ø2.5 x 25	2
40	PMJ22Q-21	Hydraulic Hose(Valve-Pump)	1
41	12.101	Engine	1
	S/N: <R200400210		
	R80-V-B01DY		
	S/N: >R200600001		
42	PMJ7-12	Engine Bushing	1
43	PMJ7-13	Flat Key	1
44	PMJ7-30	Engine Connector	1
45	PMJ7-31	Gear Pump Stand	1
46	ASME-B18.2.1-1996-516-24-34	Bolt 5/16 in. - 24 x 3/4 in.	4
47	PMJ7-33	Right Angle Connector	1

ENGINE PARTS DIAGRAM 12.101



ENGINE PARTS LIST 12.101

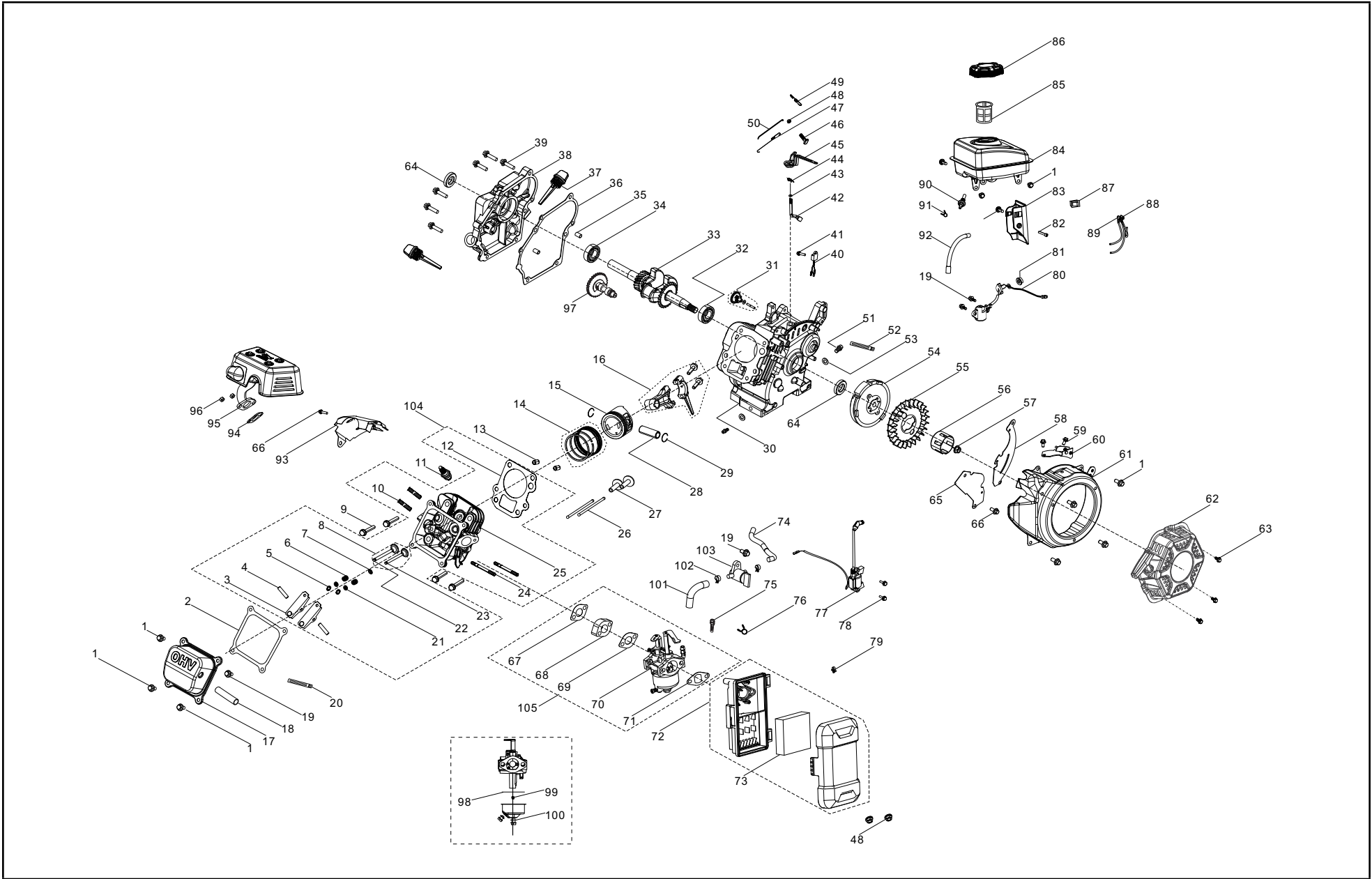
#	Part Number	Description	Qty.
1	2.06.004	Clamp Ø10.5 × Ø1	3
2	12.061000.02	Recoil Assembly	1
3	1.16674.0612	Flange Bolt M6 × 12	11
4	1.5789.0608	Flange Bolt M6 × 8	3
5	12.111000.01	Control Assembly	1
6	12.080100.02.48	Fan Cover, Yellow	1
7	1.6177.2.12	Flange Nut M12	1
8	12.060001.00	Pulley Starter	1
9	12.080001.00	Cooling Fan	1
10	1.16674.0620	Flange Bolt M6 × 20	2
11	12.123000.02	Ignition Coil, Silicon Rubber	1
12	12.120100.01	Flywheel	1
13	2.14.016	Woodruff Key 5 × 6.5 × 16	2
14	12.080014.00	Air Guide Board, Back	1
15	12.080014.01	Air Guide Board, Front	1
16	2.11.009	Oil Seal Ø17 × Ø30 × 6	2
17	1.276.6203	Bearing 6203	1
18	21.120400.01	Diode Assembly	1
19	1.6177.06	Flange Nut M6	4
20	2.08.037	Drain Bolt M10 × 1.25 × 25	2
21	2.03.016	Washer Ø10 × Ø16 × 1.5, Drain Bolt	2
22	12.030100.01(V1)	Crankcase	1
23	12.127000.02	Oil Level Sensor	1
24	1.16674.0616	Flange Bolt M6 × 16	5
25	2.03.020.1	Washer Ø6.2 × Ø15 × 0.5, Black	1
26	12.110100.00	Gear, Governor	1
27	12.110013.00	Shaft, Governor Gear	1
28	21.110011.00	Clip, Governor Gear	1
29	12.110012.00	Bushing, Governor Gear	1

#	Part Number	Description	Qty.
30	12.050103.00	Crankshaft Gear	1
31	12.050101.05	Crankshaft	1
32	12.050102.00	Timing Gear	1
33	1.276.6303	Bearing 6303	1
34	12.030008.01	Gasket, Crankcase Cover	1
35	2.04.002	Dowel Pin Ø8 × 14	4
36	12.031000.00.48	Oil Dipstick Assembly, Yellow	2
37	12.030007.00	Cover, Crankcase	1
38	1.5789.0625.0.8	Flange Bolt M6 × 25	6
39	12.050200.00	Connecting Rod	1
40	12.050005.02	Piston	1
41	2.09.005	Circlip Ø16 × Ø1	2
42	12.050003.01	Pin, Piston	1
43	11.050303.00	Ring, Oil	1
44	11.050302.00	Ring, Second Piston	1
45	11.050301.00	Ring, First Piston	1
46	12.030009.01(V2)	Gasket, Cylinder Head	1
47	12.010100.01(V2)	Cylinder Head	1
48	2.15.005 (E6RTC)	Spark Plug E6RTC	1
49	1.5789.0855	Flange Bolt M8 × 55	4
50	12.020002.00	Gasket, Cylinder Head Cover	1
51	12.021100.01	Cover, Cylinder Head	1
52	12.020007.00	Baffle, Line	1
53	21.020001.00	Breather Tube	1
54	2.01.010	Stud Bolt M8 × 35	2
55	12.041000.01	Camshaft	1
56	12.040013.00	Lifter, Valve	2
57	12.040005.00	Push Rod	2
58	12.040017.00	Oil Seal, Valve	1
59	12.040002.00	Valve, Intake	1

#	Part Number	Description	Qty.
60	12.040006.00	Valve, Exhaust	1
61	12.040003.00	Spring, Valve	2
62	12.040014.00	Retainer, Valve Spring	2
63	12.040200.00	Rocker Arm Component	1
64	1.16674.0618	Flange Bolt M6 × 18	1
65	2.01.019	Stud Bolt M6 × 89	2
66	12.130002.01	Gasket, Insulator	2
67	12.130001.00	Insulator, Carburetor	1
68	12.131000.01	Carburetor	1
	12.131000.02		
69	12.091100.00	Base, Air Cleaner	1
70	12.091001.00	Separator, Air Cleaner	1
71	12.091003.00	Element, Air Cleaner	1
72	12.091200.00	Cover, Air Cleaner	1
73	12.091500.00	Bolt, Air Cleaner	2
74	12.080300.00	Air Guide, Upper	1
75	12.110001.00	Shaft, Governor Arm	1
76	1.896.06	Circlip Ø6	1
77	2.03.019	Washer Ø8.2 × Ø17 × 0.8	1
78	12.110008.00	Pin, Shaft	1
79	12.110003.00	Arm, Governor	1
80	12.110007.21	Spring, Governor	1
81	12.110005.00	Spring, Throttle Return	1
82	12.110006.00	Rod, Governor	1
83	5.1010.003.3	Ignition Switch, Red	1
84	1.5789.0612	Flange Bolt M6 × 12	5
85	12.091000.01	Air Cleaner Assembly	1
86	12.100001.02	Gasket, Exhaust Pipe	1
87	12.101000.00	Muffler Assembly	1
88	1.848.08	Washer Ø8	2
89	1.859.08	Lock Washer Ø8	2

#	Part Number	Description	Qty.
90	1.6175.08	Nut M8	2
91	12.070100.00	Cap, Fuel Tank, 1.8 mm	1
92	23.070303.00	Support Filter	1
93	23.070301.00	Fuel Filter, Fuel Tank	1
94	12.071000.00.1	Fuel Tank, 1.5 L	1
95	111.070300.01	Fuel Filter, Fuel Pipe	1
96	2.06.018	Clamp Ø10.5 × b8	1
97	12.070011.03	Fuel Pipe Ø4.5 × Ø8.5 × 125	1
98	12.070010.00	Veil, Fuel Tank	1
99	1.845.4213	Bolt M4.2 × 13	2
100	12.070011.01	Fuel Pipe Ø4.5 × Ø8.5 × 95	1
101	12.070400.00	Fuel Valve	1

ENGINE PARTS DIAGRAM R80-V-B01DY



ENGINE PARTS LIST R80-V-B01DY

#	Part Number	Description	Qty.
1	90001-0612-0101	Hexagon Flange Bolt, M6 x 12, White Zinc	10
2	12004-Z0M0210-00A0	Gasket, Cylinder Head Cover	1
3	14310-Z0M0110-0000	Rocker Subassembly, Valve	2
4	14318-Z950110-0000	Rocker Shaft Subassembly	2
5	12109-Z810110-0000	Valve Lock Clamp	4
6	12103-Z510110-0000	Valve Spring	2
7	12101-Z810210-0000	Seal Guide	1
8	12110-Z0M0110-00A0	Valve Set	1
9	12003-Z510110-0001	Cylinder Head Bolt, M8 x 55, White Zinc	4
10	90203-Z010110-0000	Stud, M8 x 34, Black Zinc	2
11	30010-Z350210-00A0	Spark Plug, A5RTC	1
12	12131-Z210110-0000	Cylinder Head Gasket	1
13	90502-0814-00A0	Pin, Ø8 x 14	2
14	13200-Z450210-0000	Piston Ring Assembly	1
15	13111-Z0M0110-00A0	Piston	1
16	13010-Z210110-00A0	Connecting Rod	1
17	12410-Z0M0110-0001	Cylinder Head Cover Subassembly	1
18	17004-Z0M0410-0001	Tube, Breather, Ø8 x Ø12 x 68	1
19	90001-0614-0101	Hexagon Flange Bolt, M6 x 14, White Zinc	4
20	90684-Z030120-0001	Clip, Ø6 x Ø10.6 x 100	1
21	12112-Z810210-0000	Valve Spring Retainer	2
22	12111-Z0M0110-00A0	Exhaust Valve	1
23	12121-Z0M0110-00A0	Inlet Valve	1
24	90204-Z010210-0000	Stud, M6 x 96, Black Zinc	2
25	12140-Z0M0110-0BA0	Cylinder Head Subassembly	1
26	14071-Z0M0110-0000	Valve Lifter	2
27	14081-Z010110-0000	Valve Tappet	2
28	13121-Z450110-0000	Piston Pin	1
29	13122-Z450110-0000	Piston Pin Clip	2
30	11310-Z210711-0BA0	Crankcase Subassembly	1

#	Part Number	Description	Qty.
31	16400-Z210110-0000	Governor Gear Assembly	1
32	90547-0203-00	Bearing, 6203	1
33	13300-Z211710-00A0	Crankshaft Assembly	1
34	90547-6303-00A1	Bearing, 6303	1
35	90502-0812-00A0	Pin, Ø8 x 12	2
36	11001-Z510130-0000	Crankcase Gasket	1
37	15010-Z510140-L401	Oil Dipstick Subassembly	2
38	11411-Z510810-0BA0	Crankcase Cover	1
39	90001-0625-0101	Hexagon Flange Bolt, M6 x 25, White Zinc	6
40	37050-Z010210-0001	Oil Protector, White Zinc	1
41	90001-0616-0109	Hexagon Flange Bolt, M6 x 16, White Zinc	1
42	16061-Z510210-0000	Governor Arm	1
43	90408-Z010210-00A0	Washer, Ø6.2 x Ø15 x 0.6	1
44	90501-Z010110-0000	Pin, Governor Arm, White Zinc	1
45	16070-Z510210-0001	Governor Support Subassembly	1
46	16072-Z010110-0001	Governor Support Bolt, M6 x 21, White Zinc	1
47	16012-Z510110-0000	Throttle Valve Returning Spring	1
48	90305-0600-3101	Hexagon Flange Nut, M6, White Zinc	3
49	16063-Z0M0110-0001	Spring, Governor	1
50	16062-Z0M0110-00A1	Governeor Rod, White Zinc	1
51	11007-Z010110-0001	Drain Plug Bolt, M10 x1.25 x15, White Zinc	2
52	90684-Z010310-0001	Clip, Ø10.6 x Ø6 x 130	1
53	90408-Z010110-00A0	Washer, Ø10 x Ø15.8 x 1.5	2
54	13510-Z510110-0000	Flywheel Subassembly	1
55	19352-Z510110-00A1	Cooling Fan, Engine	1
56	28002-Z0M0110-0000	Starter Pulley	1
57	13501-Z510110-00A0	Flywheel Nut, M12 x 1.25, White Zinc	1
58	30028-Z510110-0001	Shroud Shield	1
59	90001-0608-0101	Hexagon Flange Bolt, M6 x 8, White Zinc	2
60	16520-Z510220-0100	Throttle Control Assembly, White Zinc	1

#	Part Number	Description	Qty.
61	28110-Z0M0111-L400	Shroud	1
62	28200-Z0M0110-H200	Recoil Starter Assembly	1
63	90251-0608-03	Bolt & Washer Assembly, M6 x 8	3
64	90682-Z510110-0000	Oil Seal, Ø17 x Ø30 x 6	2
65	19306-Z510110-0001	Crankcase air Deflector, White Zinc	1
66	90001-0610-01A1	Hexagon Flange Bolt, M6 x 10, White Zinc	2
67	17002-Z510110-0000	Gasket, Inlet	1
68	16003-Z510210-0000	Carburetor Insulator Plate	1
69	16001-Z510110-0000	Carburetor Gasket	1
70	16100-Z0M0611-00M0	Carburetor Assembly	1
71	17001-Z510110-0000	Air Cleaner Gasket	1
72	17100-Z0M0110-0000	Air Cleaner	1
73	17151-Z0M0110-0000	Air Cleaner Element	1
74	90686-Z511510-00M0	Fuel Tube, Ø4.5 x Ø8.5 x 130	1
75	16652-Z800110-00A0	Fuel Strainer	1
76	90685-Z020110-0100	Clamp, Ø9.5 x 8 x 0.8	1
77	30400-Z0M0211-0002	Ignition Coil	1
78	90001-0620-0101	Hexagon Flange Bolt, M6 x 20, White Zinc	2
79	90684-Z080110-0001	Clip, Ø8	1
80	37060-Z510140-0001	Engine oil Sensor, W/O Nut	1
81	90305-Z010210-0101	Hexagon Flange Nut, M10, White Zinc	1
82	90102-0616-A3	Hexagon Socket Cap Screw, M6 x 16, Black Zinc	1
83	16614-Z0M0110-00A0	Fuel Tank Shield	1
84	16620-Z510611-H2A0	Fuel Tank	1
85	16652-Z0M0110-00A1	Fuel Filter	1
86	16730-Z0M0110-00A0	Fuel Tank Cap	1
87	35540-Z0M0110-0000	Stop Engine Switch Subassembly	1
88	35541-Z0M0110-0000	Stop Engine Connecting Wire	1
89	35555-Z0M0110-0000	Switch Connector Grounding Wire	1
90	16680-Z010210-0000	Fitting, Fuel Tank	1
91	90685-D085-0EA0	Clamp, Ø8.5 x 8 x 0.6	1

#	Part Number	Description	Qty.
92	30431-Y9X0210-0001	Rubber Sleeve, Ø9.5 x Ø11 x 80	1
93	19304-Z510310-0001	Cylinder Body Shroud	1
94	18001-Z510110-00A0	Exhaust Gasket	1
95	18100-Z0M0710-00A0	Muffler Assembly	1
96	90303-0800-3101	Hexagon Nut, M8, White Zinc	2
97	14200-Z0M0110-00A0	Camshaft Assembly	1
98	16112-Z510110-0000	Seal Ring, Float	1
99	16161-Z150810-00A1	Main Jet (67#), Standard	1
	16161-Z150510-00A0	Main Jet (64#), Altitude 3000-6000 Feet	/
	16161-Z150210-00A2	Main Jet (61#), Altitude 6000-8000 Feet	/
100	90681-Z510210-00A0	Seal Ring	1
101	90686-Z511310-00M0	Fuel Tube, Ø6 x Ø10 x 68	1
102	90685-D095-0EA0	Clamp, Ø9.5 x 8 x 0.8	2
103	16750-YJC0110-0000	Fuel Valve Assembly	1
104	QGT-R80V-001	"Cylinder Head Subassembly"	1
105	HYQ-R80V-001	Carburetor	1