



Champion Power Equipment, Inc.

MODEL #200946

PARTS INFORMATION

3 IN. (7.6 CM) CHIPPER SHREDDER

SERIAL NUMBER RANGE: ALL

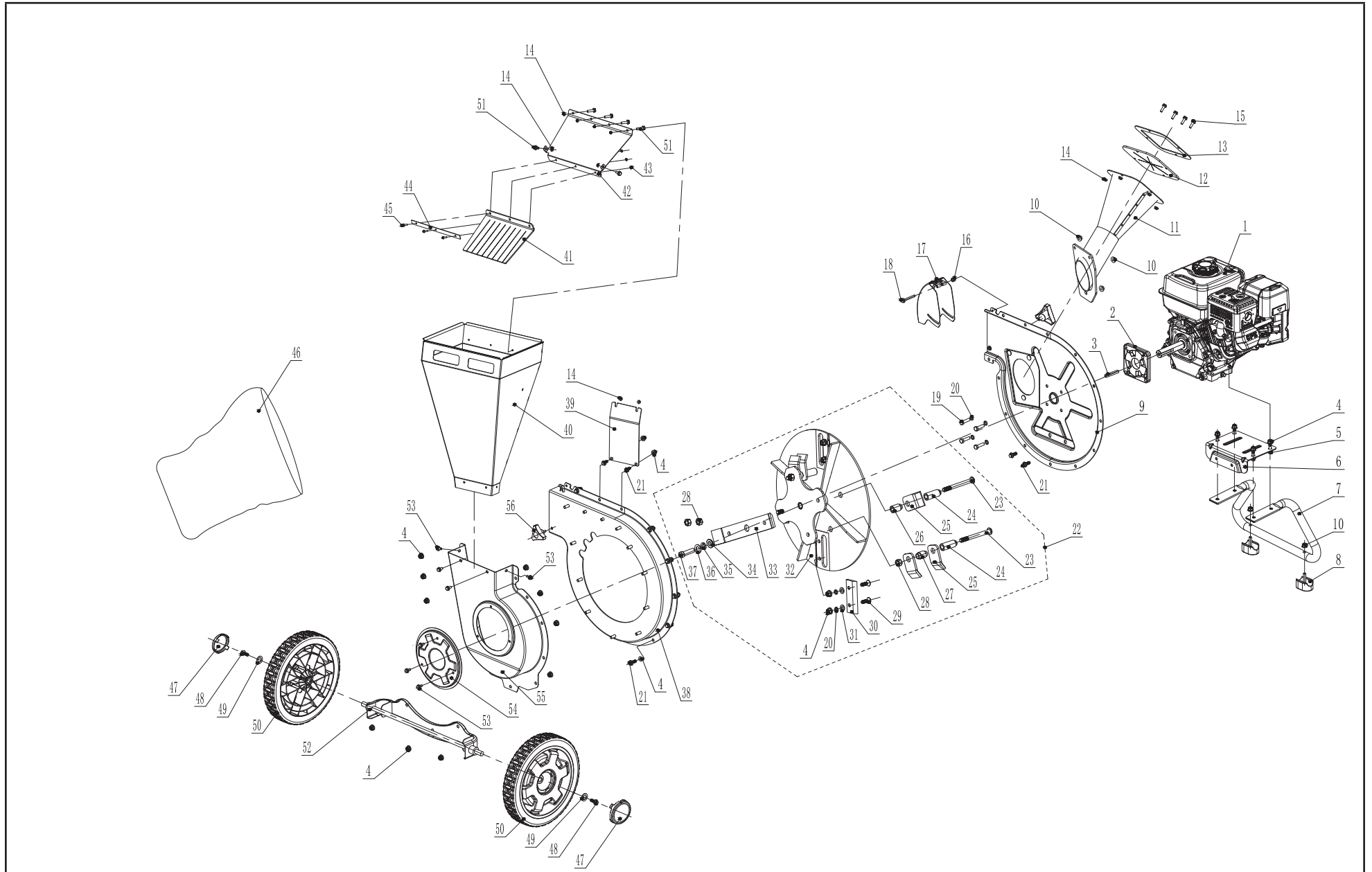


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PARTS DIAGRAM

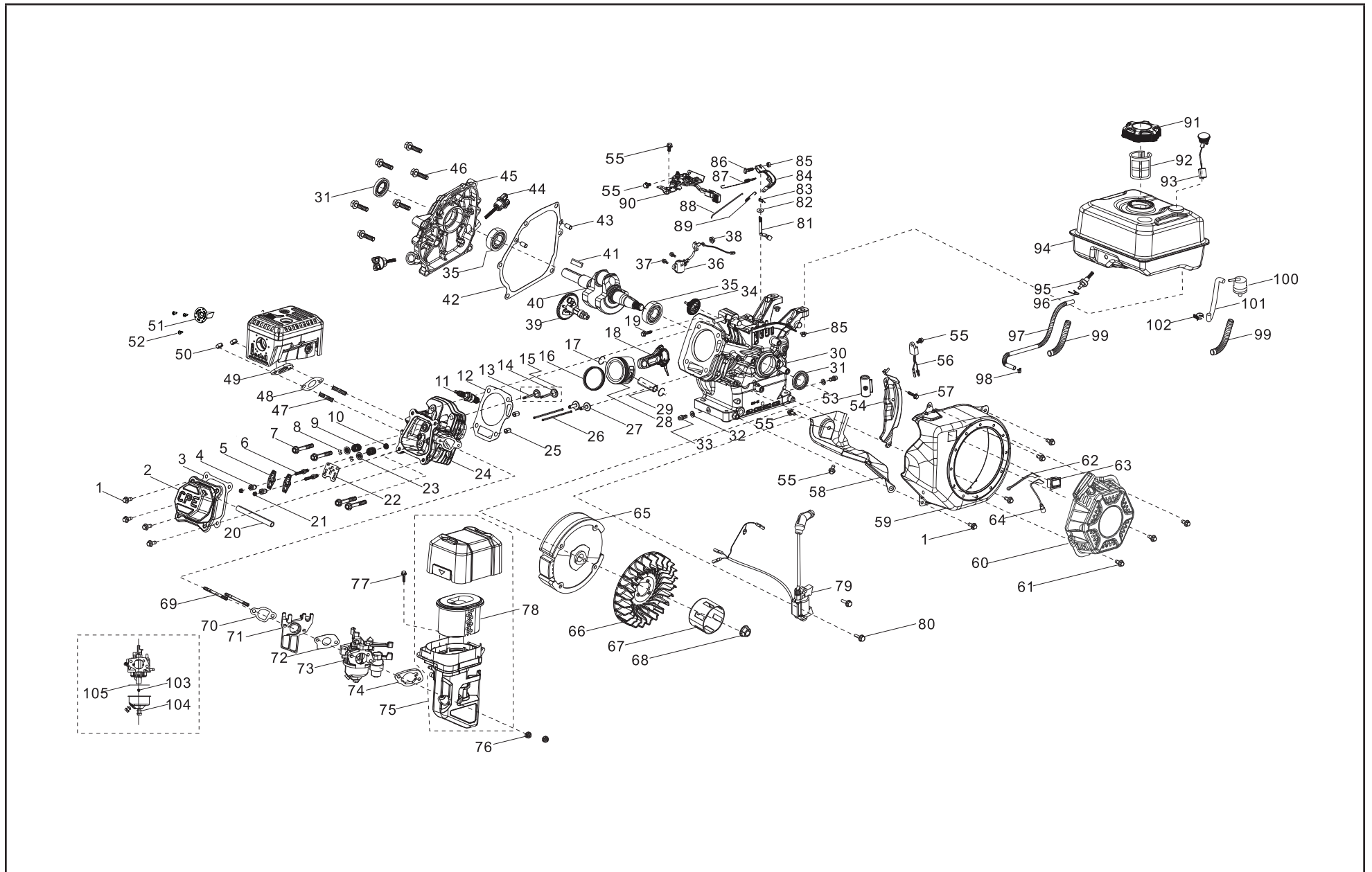


PARTS LIST

#	Part Number	Description	Qty.
1	R224P-E00DY-S	Engine, 224cc	1
2	2570000812	Junction Plate Assembly, Engine	1
3	2540006607	Flat Key, 6.3 x 6.3 x 53	1
4	2550001523	Lock Nut, M8	31
5	2550001652	Flange Bolt, M8 x 40	4
6	2540006592	Support Mount Assembly, Black	1
7	2540006593	Tube Support, Black	1
8	2540006594	Rubber Cushion, Black	2
9	2540006581	Inner Flail Housing Assembly, Black	1
10	2550011329	Lock Nut, M10x1.5	5
11	2540007163	Lower Chipper Chute Assembly, Yellow	1
12	2540006590	Block Rubber, Black	1
13	2540006591	Pressure Plate, Rubber Block, Yellow	1
14	2550001518	Lock Nut, M6	12
15	2550001607	Flange Bolt, M6 x 20	4
16	2550001521	Lock Nut, M6	1
17	2540006579	Chute Deflector Assembly, Black	1
18	2540006696	Flange Bolt, M6 x 55	1
19	2550011443	Bolt , 5/16 - 24UNF	4
20	2550000883	Lock Washer, Ø8	8
21	2550004015	Bolt, M8 x 20	15
22	2598000895	Impeller Assembly	1
23	2550011328	Clevis Pin	4
24	2540006583	Bush Ø18.5 × Ø10.5 × 43.5	4
25	2540006586	Flail Blade	6
26	2540006584	Bush Ø18.5 × Ø10.5 × 24.5	2
27	2540006585	Bush Ø18.5 × Ø10.5 × 16.5	2
28	2550001531	Lock Nut, M10	4
29	2550011713	Machine Screw, M8 x 30	4
30	2540006582	Chipper Blade	2

#	Part Number	Description	Qty.
31	2550002037	Washer, Ø8	4
32	2540006588	Impeller Assembly, Black	1
33	2540006587	Shredder Blade	1
34	2540006600	Washer	1
35	2550011331	Lock Washer, Ø12	1
36	2550002029	Washer, Ø12	1
37	2550011330	Screw, 7/16 - 20UNF	1
38	2540006578	Outer Flail Housing Assembly, Black	1
39	2540006605	Hopper Support Bracket, Black	1
40	2540006603	Feed Hopper Assembly, Yellow	1
41	2540006575	Baffle, Black	1
42	2540006604	Baffle, Yellow	1
43	2550011325	Lock Nut, M5	3
44	2540006576	Rubber Baffle Press Plate, Yellow	1
45	2550011324	Bolt, M5 x 16	3
46	2540006596	Collection Bag	1
47	2540006689	Wheel Cap, Yellow	2
48	2550001798	Bolt, M8 x 20	2
49	2550011244	Washer, Ø8	2
50	2540006693	12 in.Wheel, Yellow	2
51	2550004350	Flange Bolt, M6 x 14	6
52	2540006595	Frame Assembly, Black	1
53	2550001739	Flange Bolt, M6 x 12	7
54	2540006597	Maintenance Cover, Yellow	1
55	2540007226	Inlet Guide, Black	1
56	2540006580	Knob, M6	2

ENGINE PARTS DIAGRAM R224P-E00DY-S



ENGINE PARTS LIST R224P-E00DY-S

#	Part Number	Description	Qty.
1	90001-0612-0101	Hexagon Flange Bolt, M6 × 12, Blue White Zinc	8
2	12410-Z440110-0001	Cylinder Head Cover Subassembly, Blue White Zinc	1
3	12004-Z440110-00A0	Cylinder Head Cover Gasket	1
4	14314-Z010110-0000	Valve Adjusting Nut	2
5	14311-Z010110-0000	Valve Rocker	2
6	14313-Z010110-0000	Valve Adjusting Bolt	2
7	12003-Z010110-0001	Cylinder Head Bolt, M8 × 60, Blue White Zinc	4
8	12109-Z810110-0000	Valve Lock Clamp	4
9	12103-Z010110-0000	Valve Spring	2
10	12101-Z810210-0000	Seal Guide	1
11	30010-Z010110-0000	Spark Plug, F6RTC	1
12	12131-Z950210-0000	Cylinder Head Gasket	1
13	12121-Z810120-0000	Exhaust Valve	1
14	12111-Z810110-0000	Inlet Valve	1
15	12110-Z810120-0099	Valve Set	1
16	13200-Z140210-00A9	Piston Ring Assembly	1
17	13122-Z510210-0000	Piston Pin Clip	2
18	13010-Z810210-00A0	Connecting Rod	1
19	90001-0630-0101	Hexagon Flange Bolt, M6 × 30, Blue White Zinc	1
20	17004-Z440110-0002	Tube, Breather, Ø8 × Ø12 × 90	1
21	14312-Z010110-0000	Valve Lock Nut	2
22	14090-Z010110-0000	Lifter Stopper Plate Subassembly, Blue White Zinc	1
23	12112-Z810210-0000	Valve Spring Retainer	2
24	12140-Z810210-00A0	Cylinder Head Subassembly	1
25	90502-1114-00	Pin, 11 × 14	2
26	14071-Z440110-0000	Valve Lifter	2

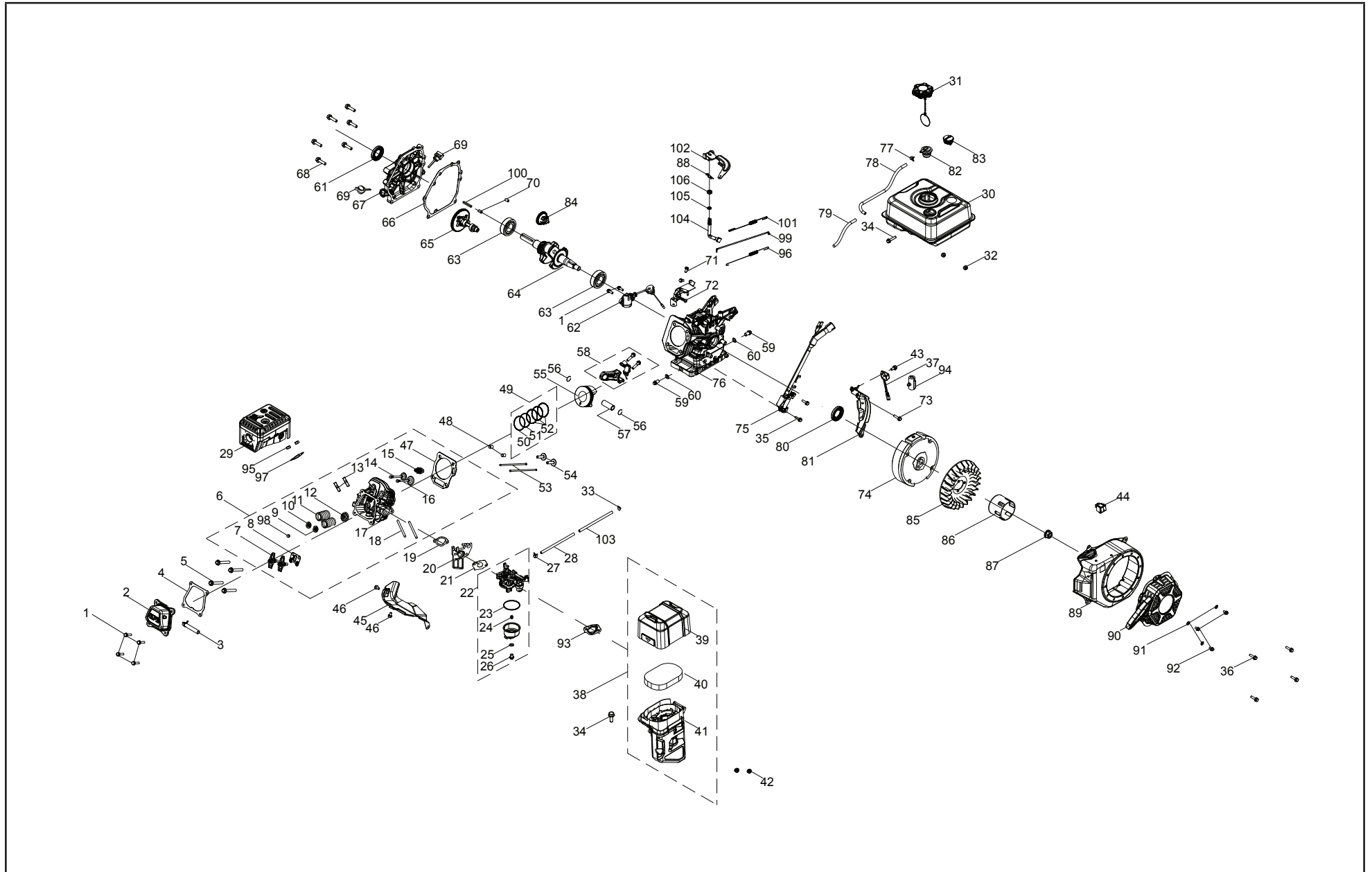
#	Part Number	Description	Qty.
27	14081-Z040110-0000	Valve Tappet	2
28	13111-Z810120-00A0	Piston	1
29	13121-Z810110-0000	Piston Pin, Ø13 × Ø45.9	1
30	11310-Z810120-00A9	Crankcase Subassembly	1
31	90682-Z300110-0001	Oil Seal, Ø25 × Ø41.25 × 6	2
32	90408-Z010110-0000	Washer, Ø10 × Ø15.8 × 1.5	2
33	11007-Z010110-0001	Drain Plug Bolt, M10 × 1.25 × 15, Blue White Zinc	2
34	16400-Z810210-0000	Governor Gear Assembly	1
35	90547-0205-00	Bearing	2
36	37060-Z010120-0001	Engine oil Sensor, W/O Nut	1
37	90001-0614-01	Hexagon Flange Bolt, M6 × 14, Blue White Zinc	2
38	90305-Z010210-0101	Hexagon Flange Nut, M10, Blue White Zinc	1
39	14200-Z810310-0000	Camshaft Assembly	1
40	13300-Z812210-00A0	Crankshaft Assembly	1
41	90521-Z080510-0000	Key, 53 × 6.3 × 6.3	1
42	11001-Z440110-00A0	Crankcase Gasket	1
43	90502-0912-00	Pin, 9 × 12	2
44	15010-Z290110-L401	Oil Dipstick Subassembly	2
45	11411-Z440410-00A0	Crankcase Cover	1
46	90001-0832-0101	Hexagon Flange Bolt, M8 × 32, Blue White Zinc	6
47	90203-Z010110-0000	Stud, M8 × 34, Black Zinc	2
48	18001-Z440110-00A0	Exhaust Gasket	1

#	Part Number	Description	Qty.
49	18100-Z140710-00A0	Muffler Assembly	1
50	90303-0800-3101	Hexagon Nut, M8, Blue White Zinc	2
51	18250-Z2M0110-0000	Spark Arrestor	1
52	90107-4285-01A0	Screw ST4.2 × 8.5	3
53	90684-Z010510-0000	Clip Ø20 × 43	1
54	19340-Z011010-0000	Lower Shield, Blue White Zinc	1
55	90001-0610-0101	Hexagon Flange Bolt, M6 × 10, Blue White Zinc	5
56	37050-Z010210-0001	Oil Protector, Blue White Zinc	1
57	90001-0616-01	Hexagon Flange Bolt, M6 × 16, Blue White Zinc	1
58	19304-Z010610-0001	Cylinder Body Shroud	1
59	28110-Z810310-L400	Shroud	1
60	28200-Z141210-H200	Recoil Starter Assembly	1
61	90251-0608-03	Bolts and Gaskets Assembly	3
62	35555-Z810110-0000	Switch Connector Grounding Wire	1
63	35540-Z010610-R901	Stop Engine Switch Subassembly	1
64	35541-Z010610-0000	Stop Engine Connecting Wire	1
65	13510-Z440410-0000	Flywheel Subassembly	1
66	19352-Z440110-0001	Impeller	1
67	28002-Z0L0110-0000	Starter Pulley, Blue White Zinc	1
68	13501-Z010110-0000	Flywheel Nut, M14 × 1.5, Blue White Zinc	1
69	90204-Z620110-00A0	Stud, M6 × 115, Black Zinc	2
70	16002-Z010110-0000	Carburetor Insulator Gasket	1
71	16003-Z010110-0000	Carburetor Insulator Plate	1
72	16001-Z010110-0000	Carburetor Gasket	1
73	16100-Z811411-00M3	Carburetor Assembly	1
74	17001-Z010210-0000	Air Cleaner Gasket	1
75	17100-Z011910-00A1	Air Cleaner Assembly	1

#	Part Number	Description	Qty.
76	90305-0600-33	Hexagon Flange Nut, M6, Black Zinc	2
77	90007-0630-A1	Hexagon Flange Bolt, M6 × 30, Blue White Zinc	1
78	17150-Z2M0110-0000	Air Cleaner Element	1
79	30400-Z441010-0001	Ignition Coil	1
80	90001-0625-01	Hexagon Flange Bolt, M6 × 25, Blue White Zinc	2
81	16061-Z010110-0000	Governor Arm	1
82	90408-Z010210-0000	Washer, Ø6.2 × Ø15 × 0.6	1
83	90501-Z010110-0001	Pin, Blue White Zinc	1
84	16070-Z010110-0001	Governor Support Subassembly, Blue White Zinc	1
85	90305-0600-3101	Hexagon Flange Nut, M6, Blue White Zinc	3
86	16072-Z010110-0001	Governor Support Bolt, M6 × 21, Blue White Zinc	1
87	16063-Z810110-0001	Spring, Governor	1
88	16062-Z010110-0001	Governeor Rod, Blue White Zinc	1
89	16012-Z010310-0000	Throttle Valve Returning Spring	1
90	16520-Z012510-0100	Throttle Control Assembly	1
91	16730-Z810110-0001	Fuel Tank Cap	1
92	16652-Z010810-0001	Fuel Strainer	1
93	37200-Z810210-0001	Fuel Gauge	1
94	16620-Z810110-H200	Fuel Tank, 3.1L	1
95	16680-Z010110-0001	Fuel Tank Oil Outlet Subassembly	1
96	90740-Z010510-00A1	Clamp	1
97	90686-Z010710-00M1	Fuel Pipe, Ø4.5 × Ø8.5 × 160	1
98	90685-Z030610-01A1	Clamp, Ø8 × 7 × 0.6	1
99	30431-Z010110-0003	Rubber Jacket, Ø9.5 × Ø11 × 90, Black	2
100	15150-Z810110-0001	Valve, One Way	1

#	Part Number	Description	Qty.
101	16805-Z810110-0001	Rubber Hose, Air Cleaner, Ø4.5 × Ø8.5 × 260	1
102	90685-Z080110-00A0	Clamp, Ø8.5 × 0.6 × 8	1
103	16161-Z151910-0000	Main Jet, Standard	1
	16161-Z151710-0000	Main Jet, Altitude 3000-6000 Feet	/
	16161-Z151510-0000	Main Jet, Altitude 6000-8000 Feet	/
104	90681-Z010610-0000	Seal Ring	1
105	16112-Z010110-0000	Seal Ring, Float	1

ENGINE PARTS DIAGRAM 1TC7QG017



ENGINE PARTS LIST 1TC7QG017

#	Part Number	Description	Qty.
1	100011264-0003	Flange Bolt M6 x 16, GB5789	6
2	100002335	Cylinder Head Cover(Cpe)	1
3	100002832	Breather Tube	1
4	100079562	Gasket, Cylinder Head Cover	1
5	100002464-0001	Flange Bolt M8 x 60	4
6	100734143	Cylinder Head Assembly	1
7	100004420	Rocker Arm	2
8	100050881	Guide Plate, Push Rod	1
9	100004580	Valve Spring Seat, Intake	1
10	100004585	Valve Spring Seat, Exhaust	1
11	100004564	Spring Valve	2
12	100004600	Oil Seal, Intake Valve	1
13	100010387	Stud Bolt M8 x 34	2
14	100057969	Exhaust Valve	1
15	100009378	Spark Plug F6RTC	1
16	100004522	Intake Valve	1
17	100002378	Cylinder Head	1
18	100733507	Stud Bolt M6 x 117	2
19	100078607	Gasket, Insulator	1
20	100005599	Insulator, Carburetor	1
21	100078606	Gasket, Carburetor	1
22	100730983-0001	Carburetor Assembly	1
23	100005717	O-Ring, Fuel Bowl	1
24	100073724	Main Jet Standard(74)	1
	100092470	Main Jet Altitude 1000-3000m(72)	/
25	100006037	Gasket, Fuel Bowl Mounting Bolt	1
26	100005725	Mounting Bolt, Fuel Bowl	1
27	100005149	Clamp Ø7.5	1
28	100063788	Fuel Tube, Ø4 x Ø8 x 157	1
29	100730893	Muffler	1

#	Part Number	Description	Qty.
30	100730667-0002	Fuel Tank Assembly	1
31	100730969	Fuel Tank Cap	1
32	100011452-0003	Flange Nut M6	2
33	100005137	Clamp	1
34	100011269-0003	Flange Bolt M6 x 28	2
35	100011268-0003	Flange Bolt M6 x 25	2
36	100011262-0003	Flange Bolt M6 x 14	4
37	100010040	Oil Sensor	1
38	100731169	Air Cleaner Assembly	1
39	100734201	Air Cleaner Cover	1
40	100734202	Air Cleaner Element	1
41	100734203	Air Cleaner Base	1
42	100011463-0004	Flange Nut M6, GB6177.1	2
43	100011261-0004	Flange Bolt M6 x 12	1
44	100730970-0001	Switch	1
45	100007083	Air Guide, Lower	1
46	100011260-0005	Flange Bolt M6 x 10, GB5789	2
47	100155656	Gasket, Cylinder Head	1
48	100010558	Dowel Pin Ø10 x 16	2
49	100003243	Piston Ring Set	1
50	100072134	1st Piston Ring	1
51	100072135	2nd Piston Ring	1
52	100072136	Oil Ring	1
53	100004395	Push Rod	2
54	100004262	Lifter, Valve	2
55	100003086	Piston	1
56	100003221	Circlip, Wrist Pin	2
57	100003123	Wrist Pin	1
58	100003446	Connecting Rod Assembly	1
59	100010272	Drain Bolt, M10 x 1.25 x 15	2

#	Part Number	Description	Qty.
60	100010459	Washer Ø10 x 1.5 x Ø16	2
61	100017651	Oil Seal Ø25 x Ø41.25 x 6, Spiral Grain	1
62	100010011	Oil Level Sensor	1
63	100010680	Bearing, 6205	2
64	100732206	Crankshaft	1
65	100099599	Camshaft	1
66	100010148	Gasket, Crankcase Cover	1
67	100066338	Cover, Crankcase	1
68	100011319-0001	Flange Bolt M8 x 32	6
69	100004105-0006	Oil Dipstick Assembly	2
70	100010550	Dowel Pin Ø8 x 14	2
71	100011215-0001	Flange Bolt M6 x 12	2
72	100730968	Control Assembly	1
73	100011266-0004	Flange Bolt M6 x 20	1
74	100009503	Flywheel	1
75	100746089	Ignition Module	1
76	100002680	Crankcase	1
77	100005148	Clamp Ø8	1
78	100730897	Fuel Hose	1
79	100063948	Sheath, Vent Tube	1
80	100017644	Oil Seal Ø25 x Ø41.25 x 6	1
81	100150079	Lower Guard	1
82	100008968	Reversal Valve	1
83	100730895	Fuel Gauge	1
84	100008296	Gear, Governor	1
85	100007028	Cooling Fan	1
86	100007550	Pulley, Starter	1
87	100011459-0003	Flange Nut M14 x 1.5	1
88	100007986	Cotter, Governor Shaft	1
89	100734204-0001	Fan Cover, Yellow 109 C	1
90	100734205-0001	Recoil Starter	1
91	100010894-0002	Washer Ø6	3

#	Part Number	Description	Qty.
92	100011528-0002	Flange Bolt M6 x 10	3
93	100005629	Gasket, Air Cleaner Base	1
94	100000657	Clip	1
95	100011422-0004	Flange Nut M8, GB6170	2
96	100053141	Spring, Throttle Return	1
97	100006526	Gasket, Muffler	1
98	100004588	Retainer, Valve	1
99	100007947	Rod, Governor	1
100	100031711	Key, 6.3 x 6.3 x 54	1
101	100007855	Spring, Governor	1
102	100039298	Arm, Governor	1
103	100009151	Fuel Hose Jacket 2	1
104	100007975	Governor Shaft	1
105	100010113	Sealing Ring, Ø5.2 x 1.9	1
106	100017630	Oil Seal Ø6 x Ø11 x 4	1