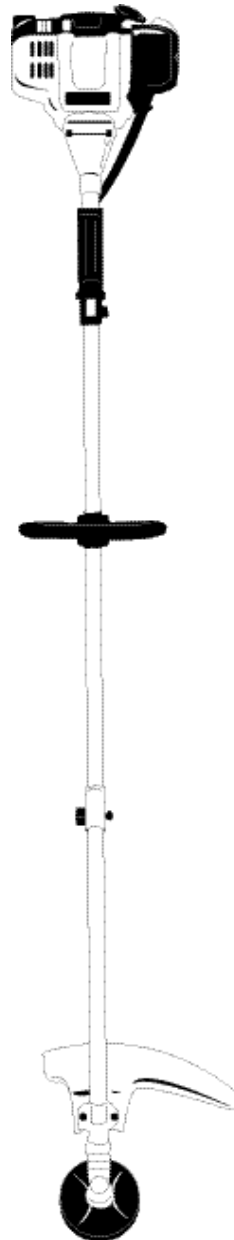


MARUYAMA

ILLUSTRATED PARTS LIST

MC3020-SB

MULTICUTTER



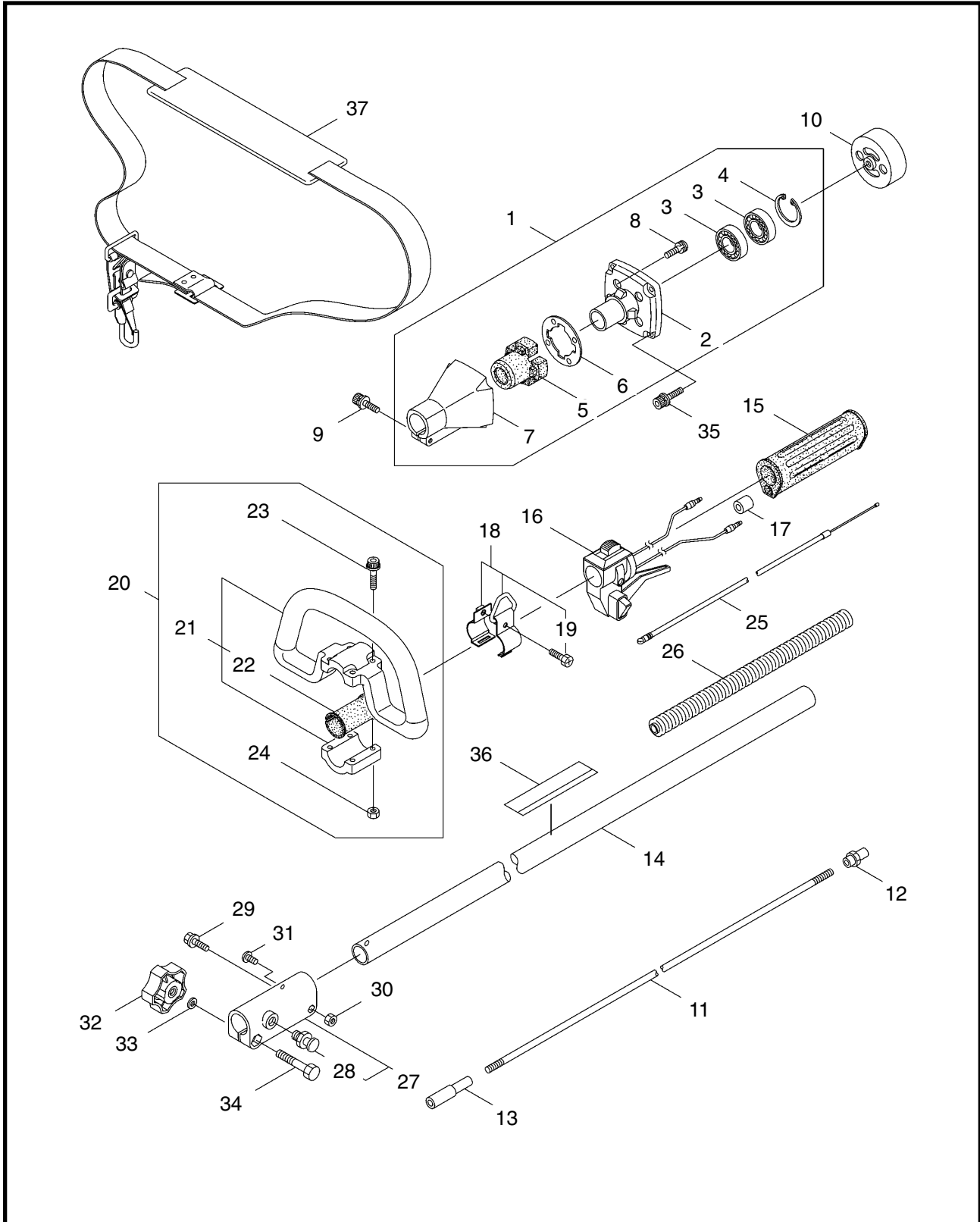
MC3020-SB
MULTICUTTER
PART 845426 - REV 03/04



Maruyama. *E x t r a o r d i n a r y .*

2 ILLUSTRATED PARTS LIST
MC3020SB

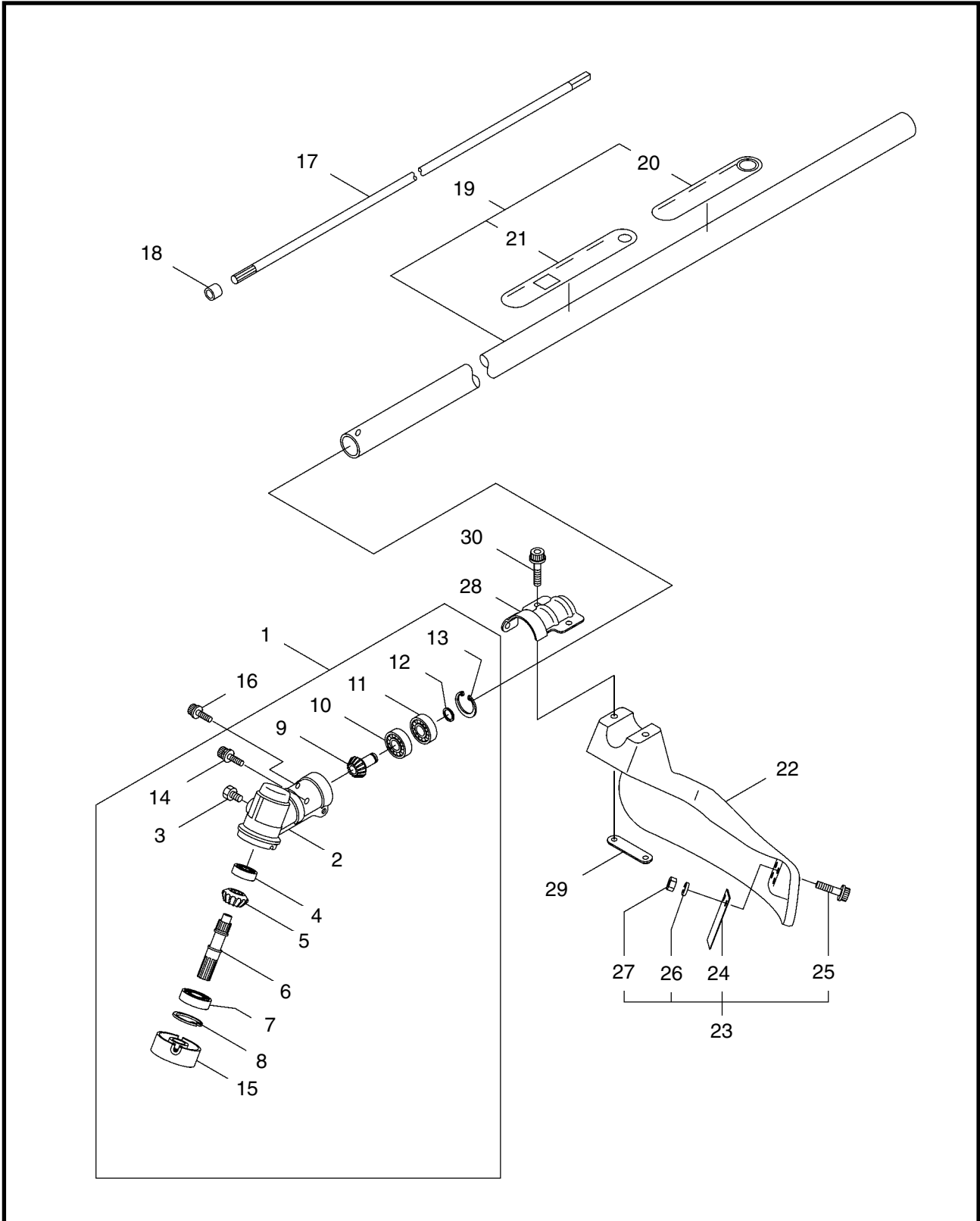
MAIN BODY



REF #	PART #	DESCRIPTION	Q'TY.	NOTES
1	219469	Clutch Case Ass'y	1	Incl.2-8
2	218879	Bearing Case	1	
3	261743	Bearing	2	#6000ZZ
4	054676	Snap Ring	1	#26
5	214162	Buffer	1	
6	214163	Washer	1	
7	218880	Driveshaft Tube Adapter	1	
8	092033	Screw	4	M5x15
9	261246	Cap Screw	1	M5x25
10	219083	Clutch Drum	1	
11	219084	Driveshaft	1	
12	211464	Upper Adapt	1	
13	215276	Lower Adapt	1	
14	219085	Driveshaft Tube	1	
15	215532	Shaft Grip	1	
16	221465	Throttle Trigger	1	
17	214083	Outer Guide	1	
18	054691	Hanging Bracket Ass'y	1	Incl.19
19	089738	Bolt	1	M5x15
20	215601	Loop Handle Ass'y	1	Incl.21-24
21	214982	Loop Handle	1	
22	213171	Packing	1	
23	215608	Cap Screw	4	M5x30x16
24	089846	Nut	4	M5
25	213444	Throttle Cable	1	
26	213548	Plastic Tube	1	
27	219490	Shaft Coupler Ass'y	1	Incl.28
28	217171	Plunger Ass'y	1	
29	215351	Cap Screw	1	M5x25
30	089846	Nut	1	M5
31	219087	Cap Screw	1	M5x10
32	219088	Clamping Knob Ass'y	1	
33	550131	Washer	1	M8
34	089976	Bolt	1	M8x45
35	261250	Cap Screw	4	M5x20
36	226282	Label	1	MC3020
37	220533	Hanging Strap Ass'y	1	

4 ILLUSTRATED PARTS LIST
MC3020SB

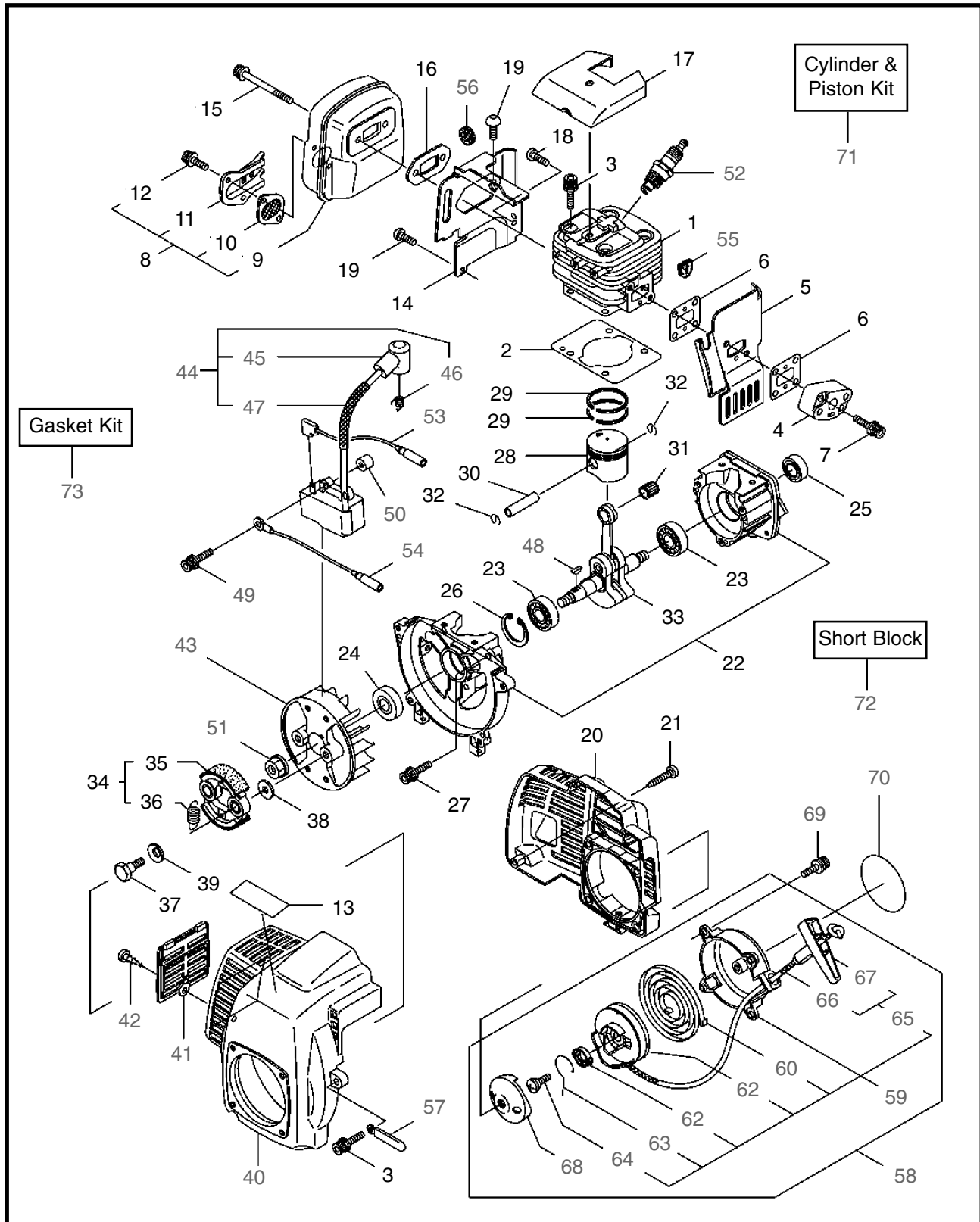
GEAR CASE



REF #	PART #	DESCRIPTION	Q'TY.	NOTES
1	225959	Gearcase Ass'y	1	Incl.2-16
2	225960	Gearcase	1	
3	089884	Bolt	1	M8x10
4	210554	Bearing	1	#608
5	225806	Gear	1	
6	215762	Blade Shaft	1	
7	212999	Bearing	1	#6001 2RK
8	055185	Snap Ring	1	
9	225808	Pinion Gear	1	
10	210560	Bearing	1	#609
11	217042	Bearing	1	#609Z
12	140269	Snap Ring	1	
13	140270	Snap Ring	1	
14	261246	Cap Screw	1	M5x25
15	222890	Boss Adapter	1	
16	261233	Cap Screw	1	M5x12
17	216090	Driveshaft	1	
18	216079	Stopper	1	
19	220086	Driveshaft Tube Ass'y	1	Incl.20,21
20	221501	Label	1	Warning
21	221502	Label	1	Caution
22	225961	Safety Cover	1	
23	226062	String Cutter Ass'y	1	Incl.24-27
24	222900	String Cutter	1	
25	261233	Cap Screw	2	M5x12
26	089901	Spring Washer	2	M5
27	089846	Nut	2	M5
28	225962	Bracket	1	
29	225963	Threaded Bracket	1	
30	261612	Cap Screw	2	M5x30

6 ILLUSTRATED PARTS LIST
MC3020SB

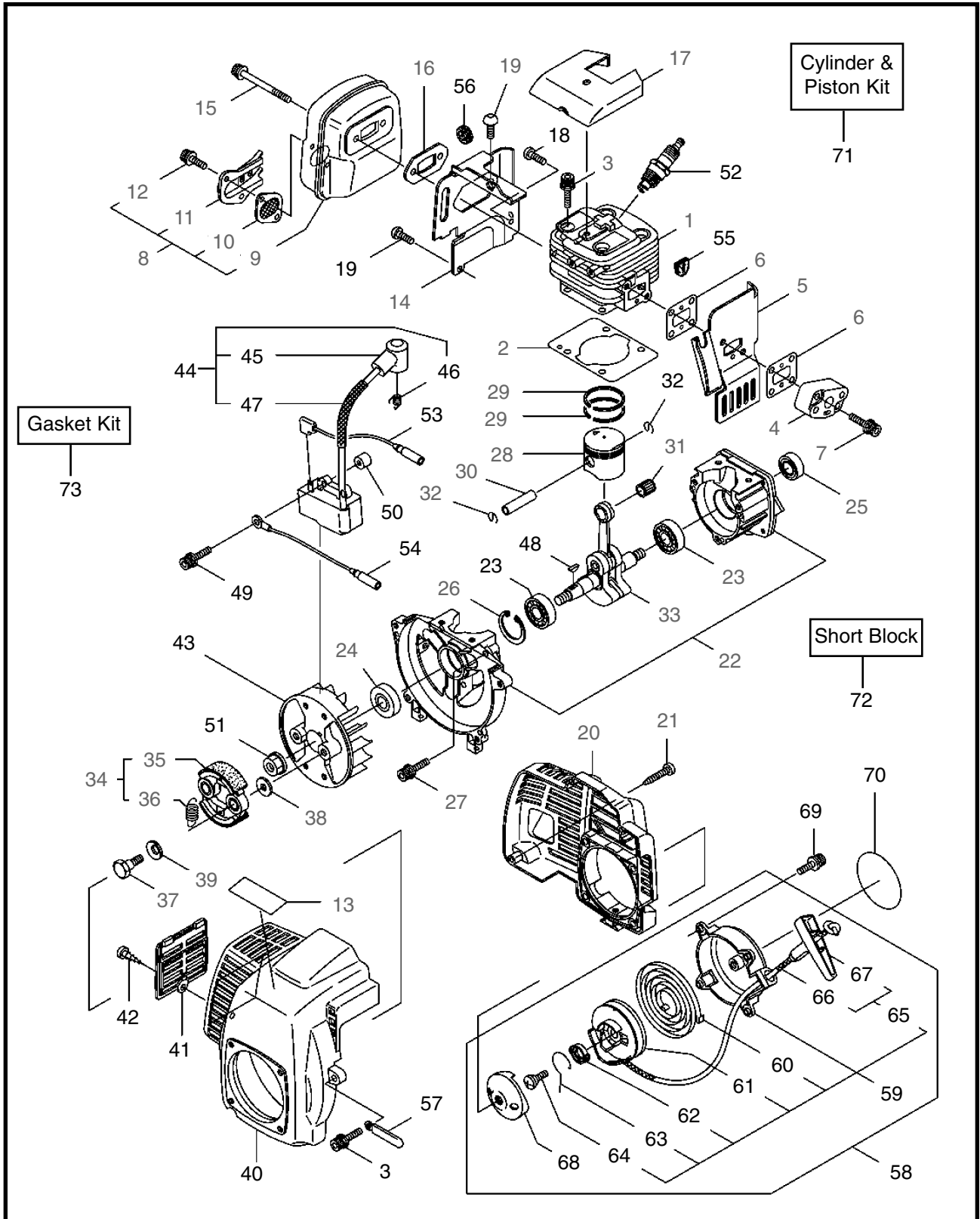
ENGINE



Ref #	Part #	Description	Q'ty.	Notes
1	268687	Cylinder	1	New gasket required
2	268231	Gasket	1	
3	261250	Cap Screw	8	M5x20
4	266317	Insulator	1	
5	268233	Air Duct	1	
6	261171	Gasket	2	
7	268563	Cap Screw	2	M5x25
8	268996	Muffler Ass'y	1	Incl.9-12
9	269651	Muffler	1	
10	267056	Spark Arrester	1	
11	267053	Tail	1	
12	265107	Cap Screw	2	M4x10
13	280288	Label	1	
14	268235	Plate	1	
15	266402	Cap Screw	2	M5x55
16	268019	Gasket	1	
17	268468	Protector	1	
18	265107	Cap Screw	1	M4x10
19	268195	Cap Screw	2	M5x10
20	268238	Cylinder Cover	1	
21	266000	Tapping Screw	2	
22	268241	Crankcase	1	
23	261491	Bearing	2	#6001C3
24	262198	Oil Seal	1	
25	261386	Oil Seal	1	
26	055185	Snap Ring	1	
27	261612	Cap Screw	3	M5x30
28	268782	Piston	1	
29	265067	Piston Ring	2	
30	265068	Piston Pin	1	
31	265225	Bearing,Needle	1	
32	261393	Clip,Piston Pin	2	
33	265141	Crankshaft/Conn.Rod Ass'y	1	
34	268439	Clutch Ass'y	1	Incl.35-39
35	267342	Clutch Shoe	2	
36	267345	Spring,Clutch	1	
37	264505	Bolt	2	
38	261189	Washer	2	
39	261777	Wave Washer	2	

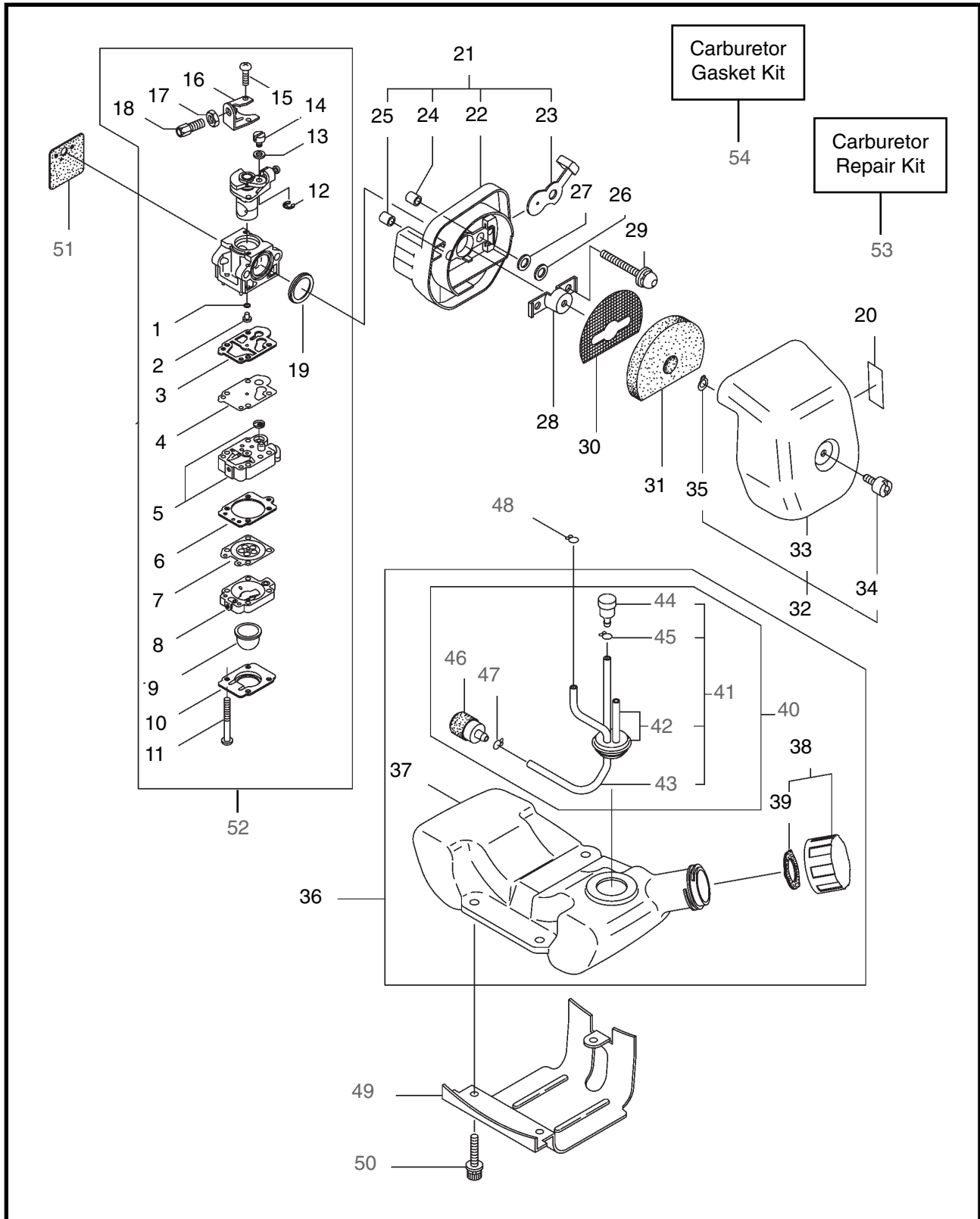
8 ILLUSTRATED PARTS LIST
MC3020SB

ENGINE



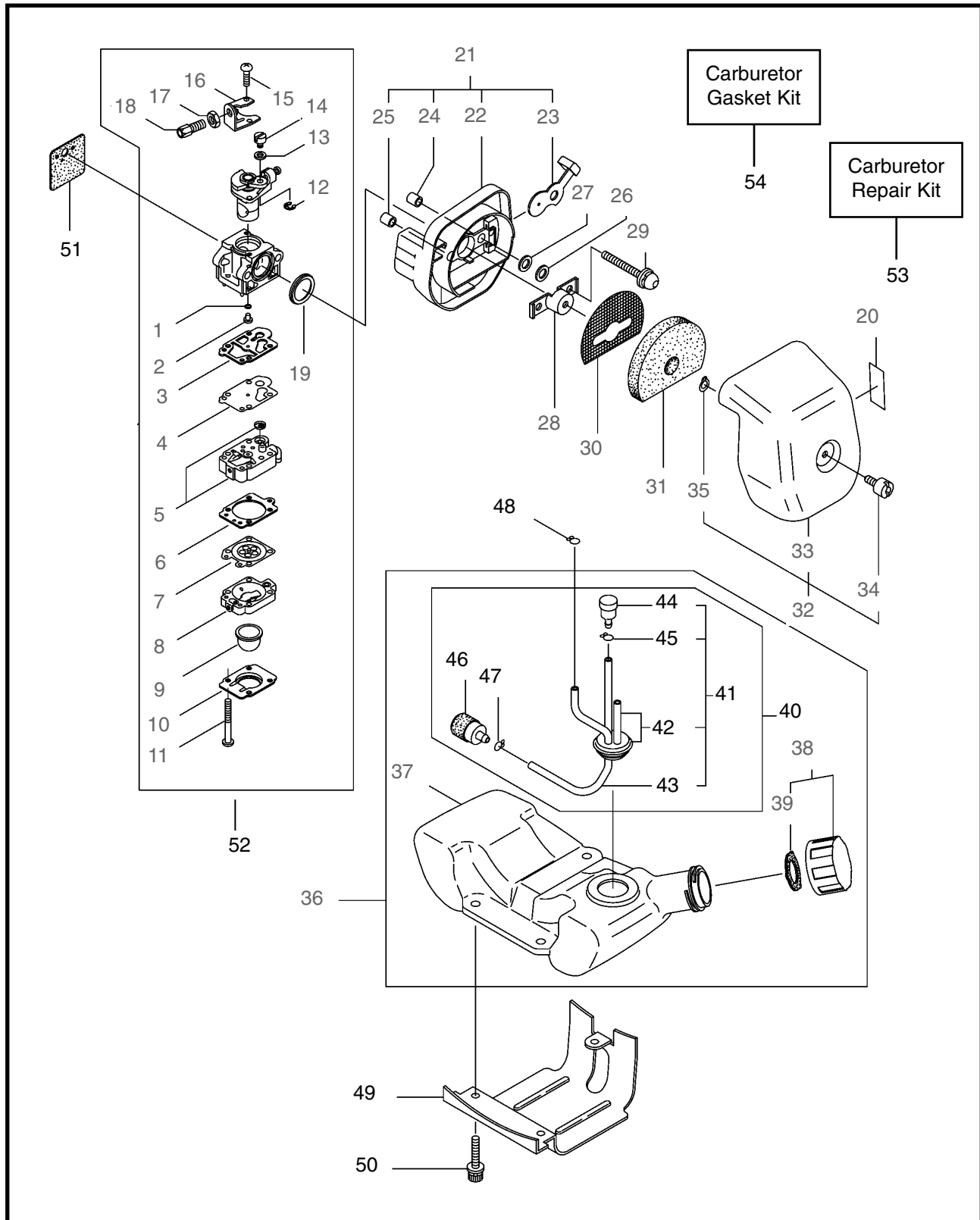
REF #	PART #	DESCRIPTION	Q'TY.	NOTES
40	268263	Fan Cover	1	
41	268389	Cover	1	
42	268390	Tapping Screw	1	4x14
43	269656	Rotor/Fan	1	
44	269713	Ignition Coil Ass'y	1	Incl.45-47
45	269714	Plug Boot	1	
46	269715	Connector	1	
47	269716	Insulator	1	
48	261076	Woodruff Key	1	
49	261417	Nut,Rotor	1	M8
50	268380	Spacer	2	
51	261256	Cap Screw	2	M4x25
52	261200	Spark Plug	1	NGK BPM6Y
53	269722	Lead	1	
54	268044	Lead	1	
55	261202	Grommet	1	
56	268036	Grommet	1	
57	264588	Clamp	1	
58	268161	Recoil Starter Ass'y	1	Incl.59-68
59	268163	Recoil Ass'y	1	Incl.60-67
60	267214	Spiral Spring	1	
61	268050	Pulley	1	
62	267215	Collar	1	
63	267216	Swing Arm	1	
64	267213	Screw	1	
65	268202	Rope Ass'y	1	Incl.66,67
66	268201	Starter Rope	1	
67	267219	Starter Grip	1	
68	267098	Starter Pulley	1	
69	265726	Cap Screw	4	M4x16
70	280135	Label	1	
71	280531	Cylinder & Piston Kit	1	Incl. 1,2,28-32
72	850768	Short Block	1	Incl. 1,2,3 22-33
73	636697	Gasket Kit	1	Incl. 2,5,16 & 269762

CARBURETOR AND FUEL TANK



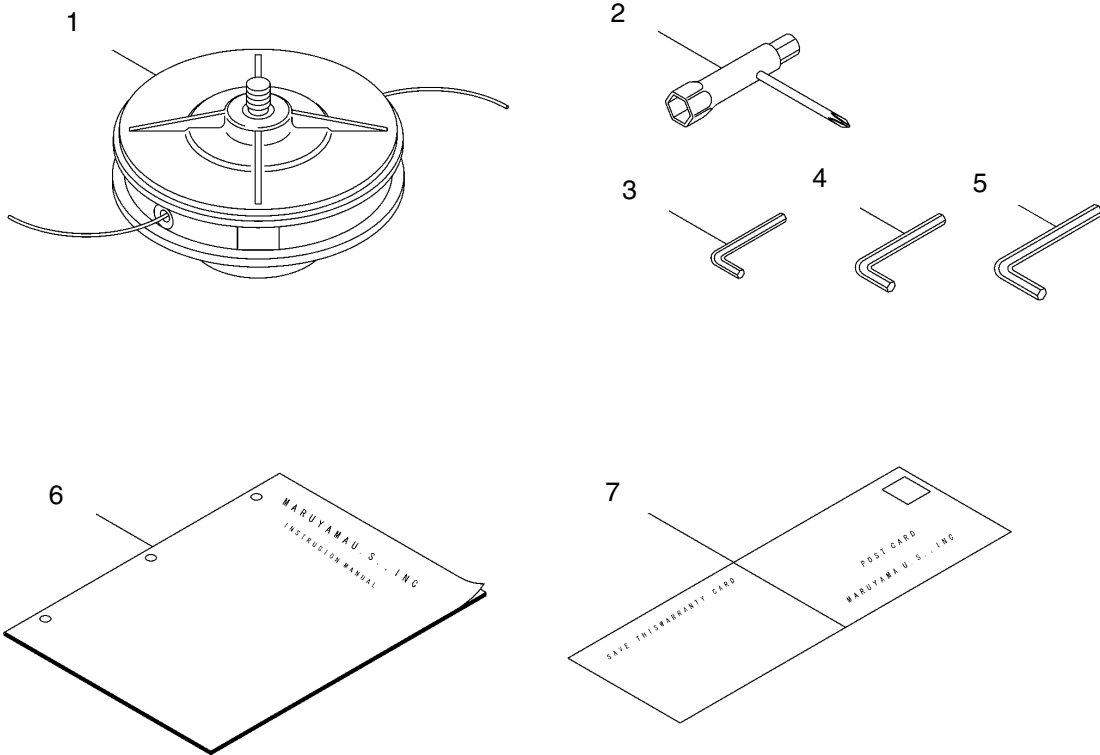
REF #	PART #	DESCRIPTION	Q'TY.	NOTES
1	261871	O-Ring	1	
2	269765	Main Jet	1	
3	262995	Gasket	1	
4	262994	Diaphragm,Fuel Pump	1	
5	263739	Pump Body	1	
6	262993	Gasket	1	
7	268501	Diaphragm,Meterring	1	
8	262991	Purge Body	1	
9	261874	Primer Bulb	1	
10	262992	Cover Plate	1	
11	262996	Screw	4	
12	261876	E-Ring	1	
13	264678	Washer	1	
14	261658	Swivel	1	
15	260607	Screw	2	
16	264677	Bracket	1	
17	261878	Nut	1	
18	263994	Adapter	1	
19	261657	Packing	1	
20	261352	Label	1	Choke
21	268055	Air Filter Case Ass'y	1	Incl.22-25
22	268056	Air Filter Case	1	
23	268057	Valve	1	
24	268412	Sleeve	1	
25	268157	Sleeve	1	
26	263345	Packing	1	
27	263942	Washer	1	
28	263815	Stay	1	
29	264016	Cap Screw	2	M5x60
30	265026	Screen	1	
31	265027	Foam Element	1	
32	268058	Air Filter Cover Ass'y	1	Incl.33-35
33	268059	Air Filter Cover	1	
34	265742	Knob	1	
35	261734	Snap Ring	1	
36	269721	Fuel Tank Ass'y	1	Incl.37-47
37	269724	Fuel Tank	1	
38	264784	Fuel Tank Cap Ass'y	1	Incl.39
39	261105	Gasket	1	

CARBURETOR AND FUEL TANK



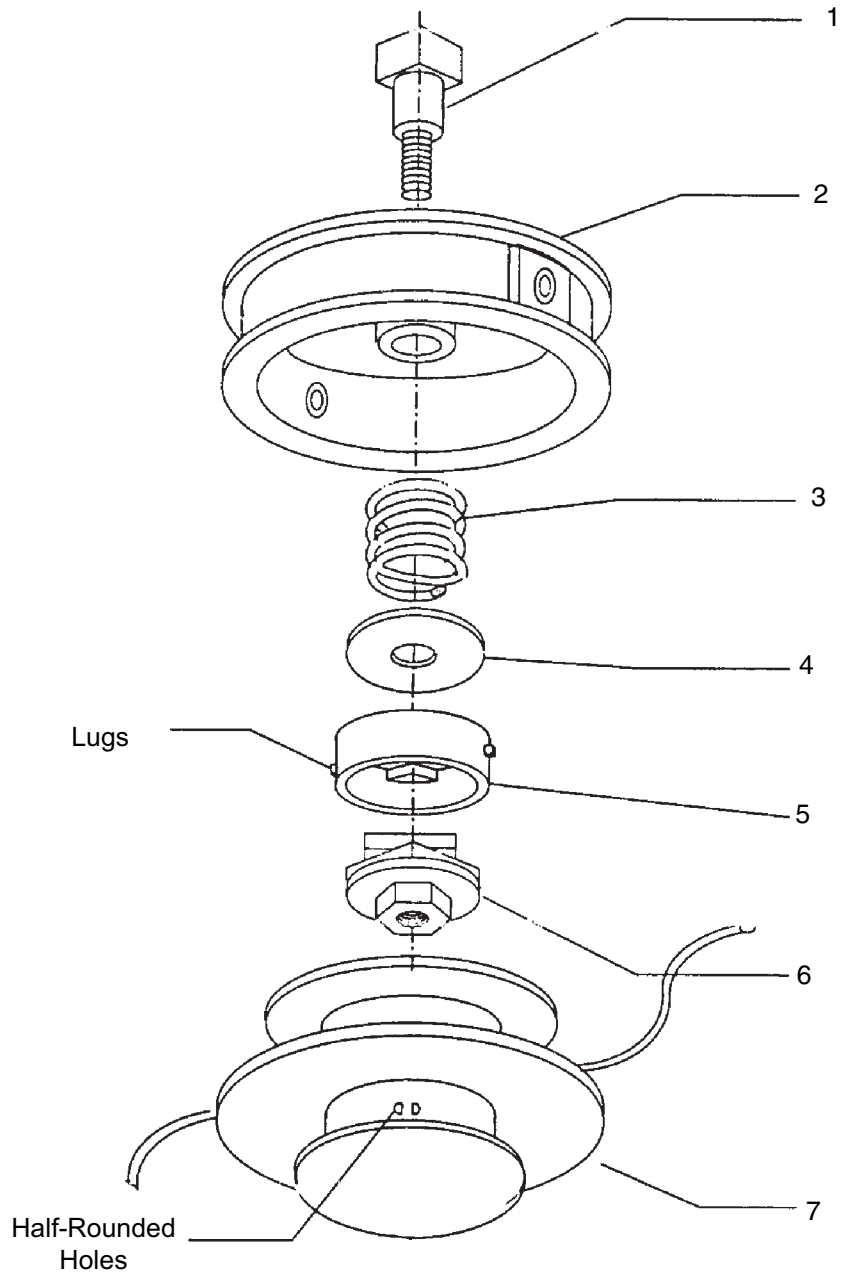
REF #	PART #	DESCRIPTION	Q'TY.	NOTES
40	268062	Fuel Pipe Pick-up Ass'y	1	Incl.41-47
41	268185	Fuel Pipe Ass'y	1	Incl.42-45
42	268497	Fuel Pipe & Grommet	1	
43	262649	Fuel Pipe	1	
44	261590	Breather	1	
45	261117	Clip	1	
46	264653	Filter Ass'y	1	
47	261117	Clip	1	
48	261117	Clip	1	
49	268260	Stand	1	
50	261246	Cap Screw	3	M5x25
51	269762	Gasket	1	
52	268994	Carburetor Assy (WYS-324)	1	Incl. 1-19
53	840859	Carburetor Repair Kit	1	
54	840860	Carburetor Gasket Kit		

ACCESSORIES



REF #	PART #	DESCRIPTION	Q'TY.	NOTES
1	840568	Semi-Auto Head (L)	1	
2	210418	Box Spanner	1	13x19x(+)
3	219431	Wrench	1	3mm
4	219432	Wrench	1	4mm
5	219433	Wrench	1	5mm
6	226274	Instruction Manual	1	
7	216007	Warranty Card	1	

5" TAP CUTTING HEAD



REF #	PART #	DESCRIPTION	Q'TY.	NOTES
1	840570	Shaft Bolt	1	
2	840571	Housing W/Eyelets	1	
3	840406	Spring	1	
4	840573	Washer	1	
5	840574	Outer Drive	1	
6	840575	Inner Cam	1	
7	840576	Spool W/Line	1	



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