

Introduction

This catalog is designed to identify **Wisconsin Robin** parts.

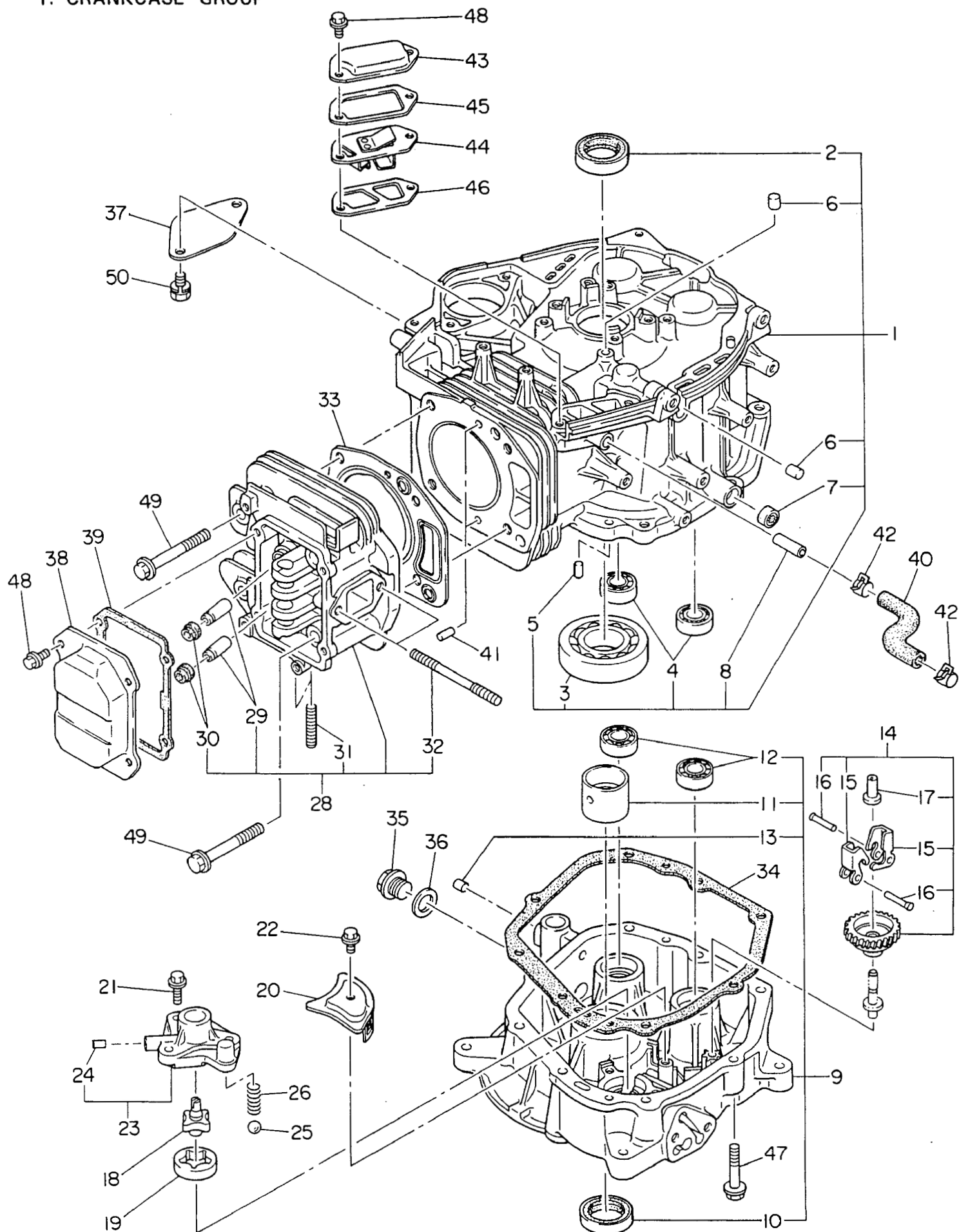
When ordering parts, it is always advisable to list the engine model, specification number and serial number. With this information, we can check your order for any incorrect part numbers. Use your Service Parts List to ensure proper part number and nomenclature identification.

TELEDYNE TOTAL POWER reserves the right to modify, alter and improve engines and parts. Part numbers and the structure of parts may change from those shown in this catalog.

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1. CRANKCASE GROUP

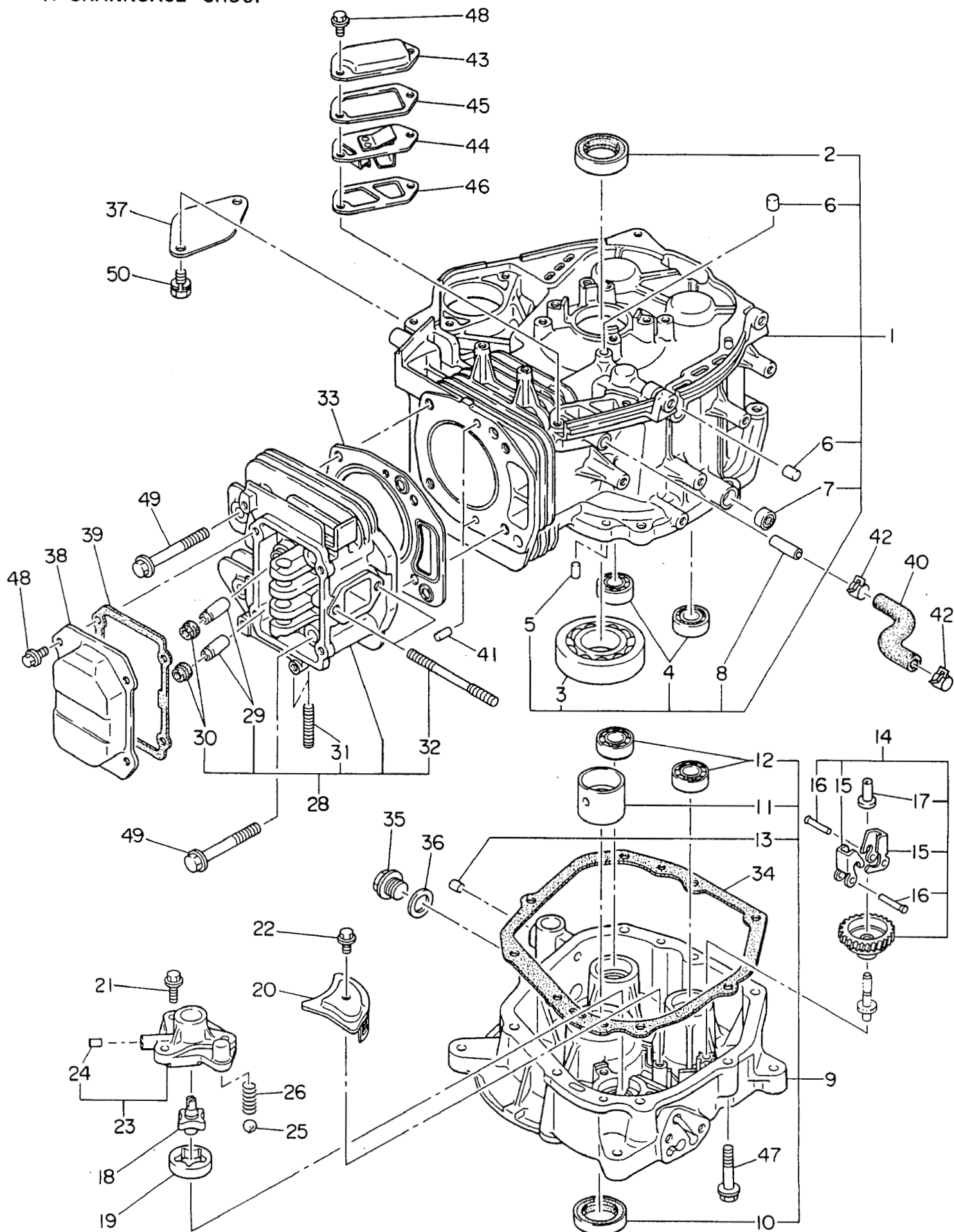


Crankcase and Related Parts

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2481050101	Crankcase (includes items 2-8)	1
2	EY0440350090	Oil seal, crankcase	1
3	EY0600350020	Ball bearing, crankcase	1
4	EY0600150010	Ball bearing, crankcase	2
5	EY0310060020	Dowel pin	2
6	EY2351540103	Plug, crankcase	2
7	EY0440080020	Oil seal, crankcase	1
8	EY2463920101	Union	1
9	EY2481130103	Gear cover (includes items 10-13)	1
10	EY0440350090	Oil seal, gear cover	1
11	EY2481580103	Main bearing, gear cover	1
12	EY0600150010	Ball bearing, gear cover	2
13	EY2351541103	Plug, gear cover	1
14	EY2484500201	Governor gear (includes items 15-16)	1
15	EY2464160103	Flyweight	2
16	EY0307300070	Pin	2
17	EY2054190103	Governor sleeve	1
18	EY2486390101	Oil pump, inner	1
19	EY2486390203	Oil pump, outer	1
20	EY2466430102	Oil filter	1
21	EY0110060130	Flange bolt	3
22	EY0110060020	Flange bolt	1
23	EY2481610111	Holder, camshaft (includes item 24)	1
24	EY2351540103	Plug, crankcase	1
25	EY0069030800	Steel ball	1
26	EY2486560103	Spring, relief valve	1
28	EY2481330201	Cylinder head (includes items 29-32)	1
29	EY2461420203	Valve guide (over size)	2
30	EY2391630203	Oil seal	2
31	EY0105080430	Stud	2
32	EY0105080410	Stud	2
33	EY2481500203	Gasket, cylinder head	1
34	EY2481520103	Gasket, gear cover	1
35	EY0401200010	Plug	1

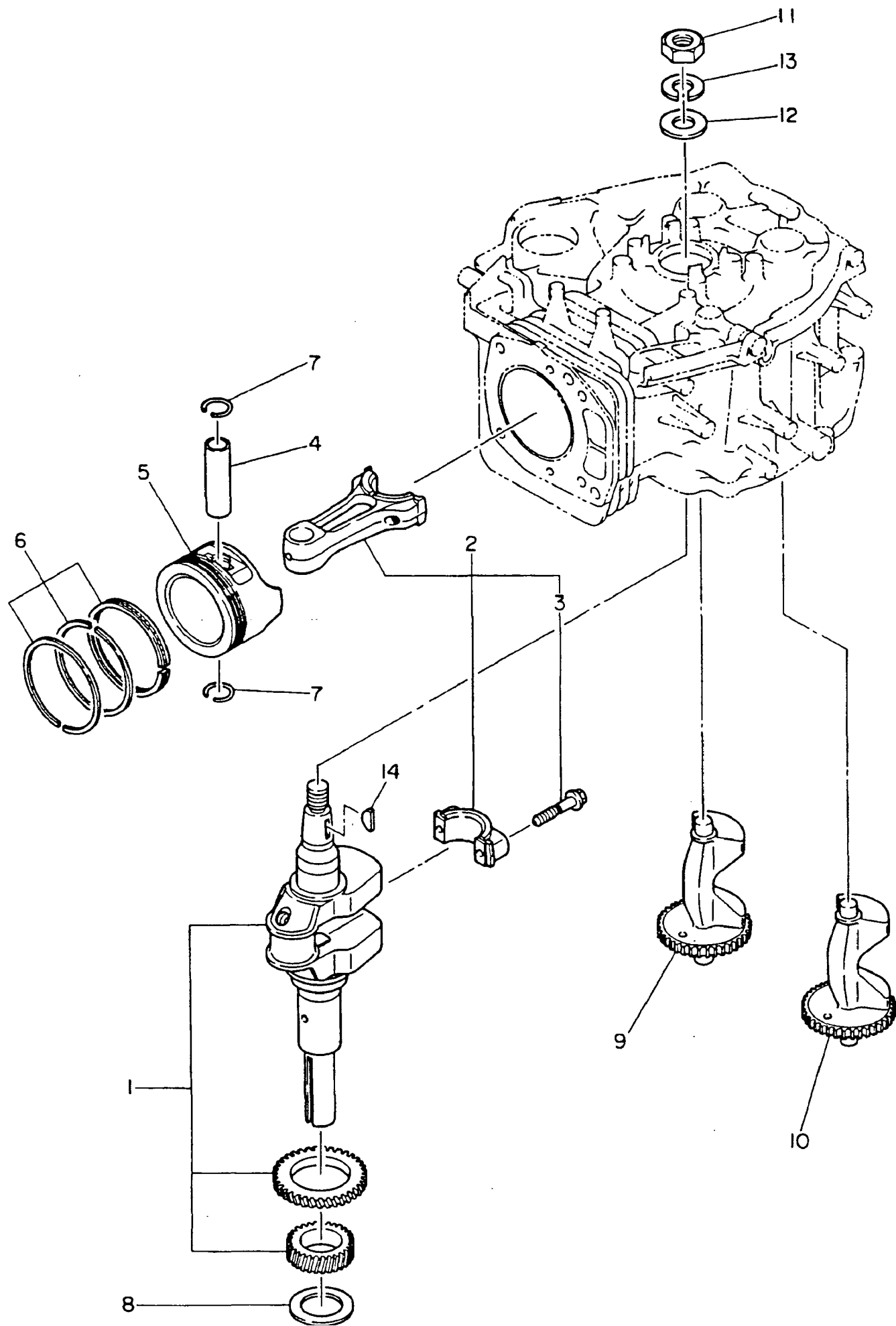
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1. CRANKCASE GROUP



Crankcase and Related Parts (cont.)

ITEM	PART NO.	DESCRIPTION	QTY.
36	EY0211200010	Gasket	1
37	EY2241710103	Cover	1
38	EY2461550201	Rocker cover	1
39	EY2461600303	Gasket, rocker cover	1
40	EY2481530103	Breather hose	1
41	EY0310060020	Dowel pin	2
42	EY0561120040	Hose clamp	2
43	EY2351460103	Breather cover	1
44	EY2461440201	Breather plate	1
45	EY2351513103	Gasket, breather cover	1
46	EY2461600903	Gasket, breather plate	1
47	EY0110080090	Flange bolt	8
48	EY0110060080	Flange bolt	6
49	EY0110100040	Flange bolt	4
50	EY0011308120	Bolt and washer assembly	2
—	EY2489900307	Engine gasket set (includes items 33-34, 36, 39, 45-46; also items 21, 36-38 on pages 8 & 10; also items 46-47, 50 on page 18).....	1

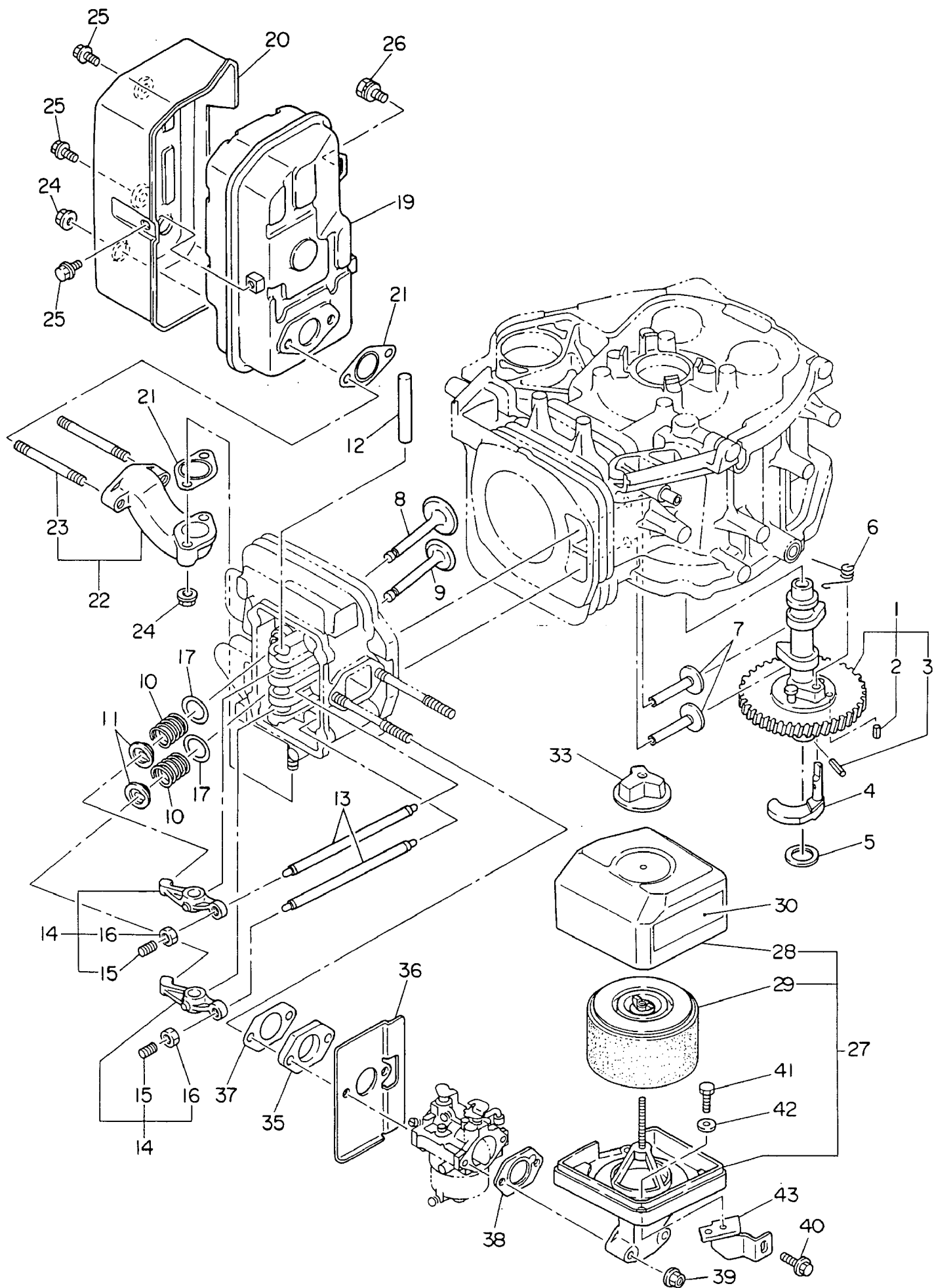


Crankshaft and Piston

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2482500101	Crankshaft	1
2	EY2482250200	Connecting rod assembly (includes item 3)	1
3	EY2462300103	Conncting rod bolt	2
4	EY2482330103	Piston pin	1
5	EY2482340103	Piston (std.)	1
—	EY2482340203	Piston 0.010" (0.25mm) O/S	1
—	EY2482340303	Piston 0.020" (0.50mm) O/S	1
6	EY2482350107	Piston ring set (std.)	1
—	EY2482350207	Piston ring set 0.010" (0.25mm) O/S	1
—	EY2482350307	Piston ring set 0.020" (0.50mm) O/S	1
7	EY0565210020	Clip	2
8	* EY0230350190	Spacer, 0.063" (1.6mm)	1
—	* EY0230350200	Spacer, 0.071" (1.8mm)	1
—	* EY0230350210	Spacer, 0.079" (2.0mm)	1
9	EY2482410303	Balancer shaft	1
10	EY2482410403	Balancer shaft	1
11	EY0021818000	Nut	1
12	EY0031018000	Washer	1
13	EY0032018000	Spring washer	1
14	EY0053205401	Woodruff key	1

* Select only one.

3. INTAKE, EXHAUST GROUP



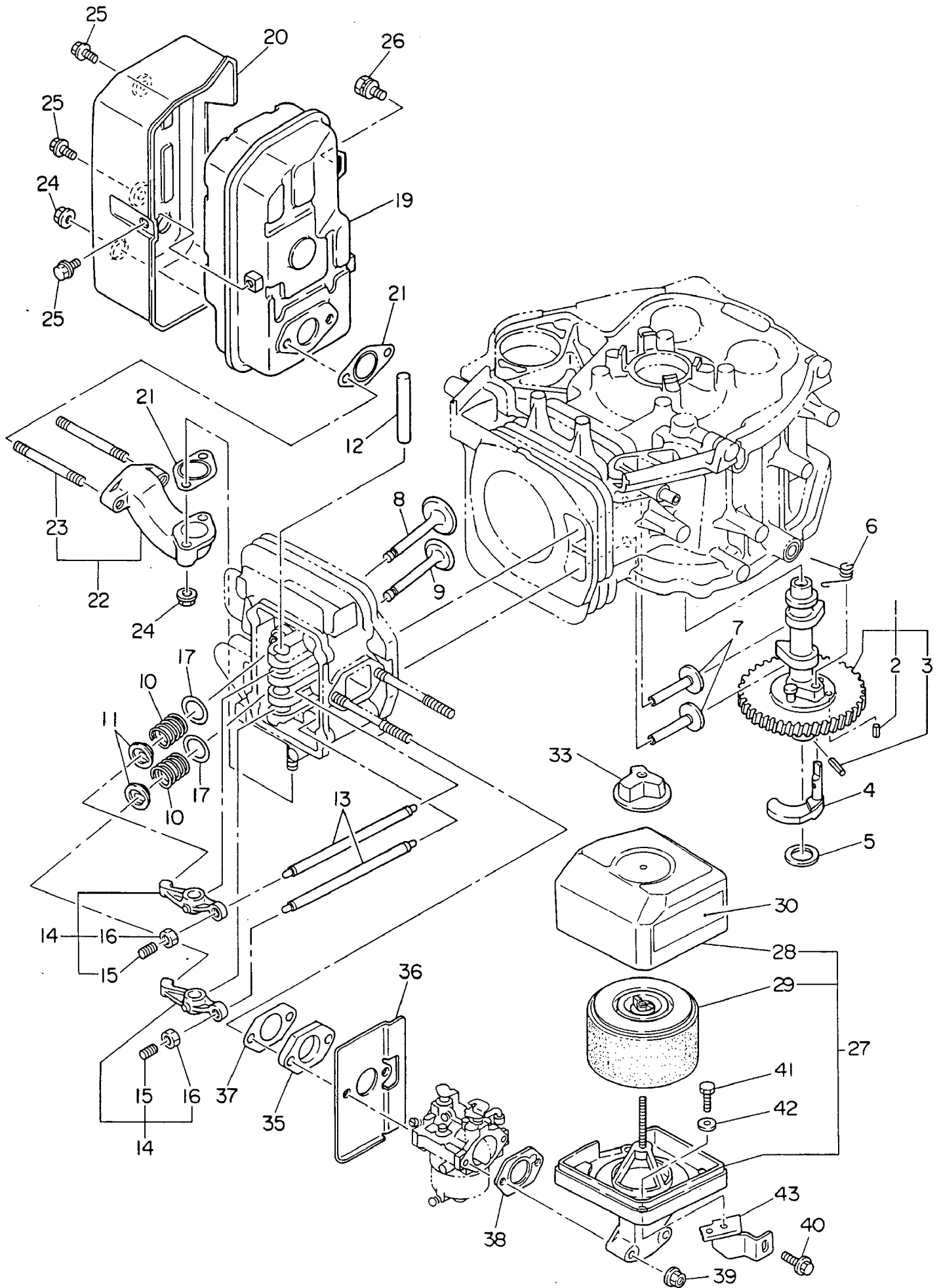
Intake and Exhaust

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2483170201	Camshaft (includes items 2-3)	1
2	EY0051904100	Spring pin	1
3	EY0051925180	Spring pin	1
4	EY2463620101	Decompression lever	1
5	* EY0230220050	Spacer, 0.024" (0.6mm)	1
—	* EY0230220070	Spacer, 0.031" (0.8mm)	1
6	EY2463670103	Return spring	1
7	EY2463330103	Tappet	1
8	EY2483340103	Intake valve	1
9	EY2483350103	Exhaust valve	1
10	EY2463360103	Valve spring	2
11	EY2463370103	Spring retainer	2
12	EY2393500103	Rocker shaft	1
13	EY2483530101	Push rod	2
14	EY2463610100	Rocker arm assembly (includes items 15-16).....	2
15	EY0149080020	Adjusting screw	1
16	EY0170080090	Nut	1
17	EY0200200010	Washer	2
19	EY2483010101	Muffler	1
20	EY2483420101	Muffler cover	1
21	EY2463520103	Gasket, muffler	2
22	EY2483400101	Exhaust pipe (includes item 23)	1
23	EY0105080420	Stud	2
24	EY0180080010	Flange nut	4
25	EY0110060060	Flange bolt	4
26	EY0011008160	Bolt and washer assembly	1
27	EY2483280200	Air cleaner assembly (includes items 28-29, & 44)	1
28	EY2463281203	Cleaner cover	1
29	EY2483282201	Cleaner element <i>(Diamond type N/A)</i>	1
30	EY0732003950	Label, air cleaner <i>element</i>	1

* Select only one.

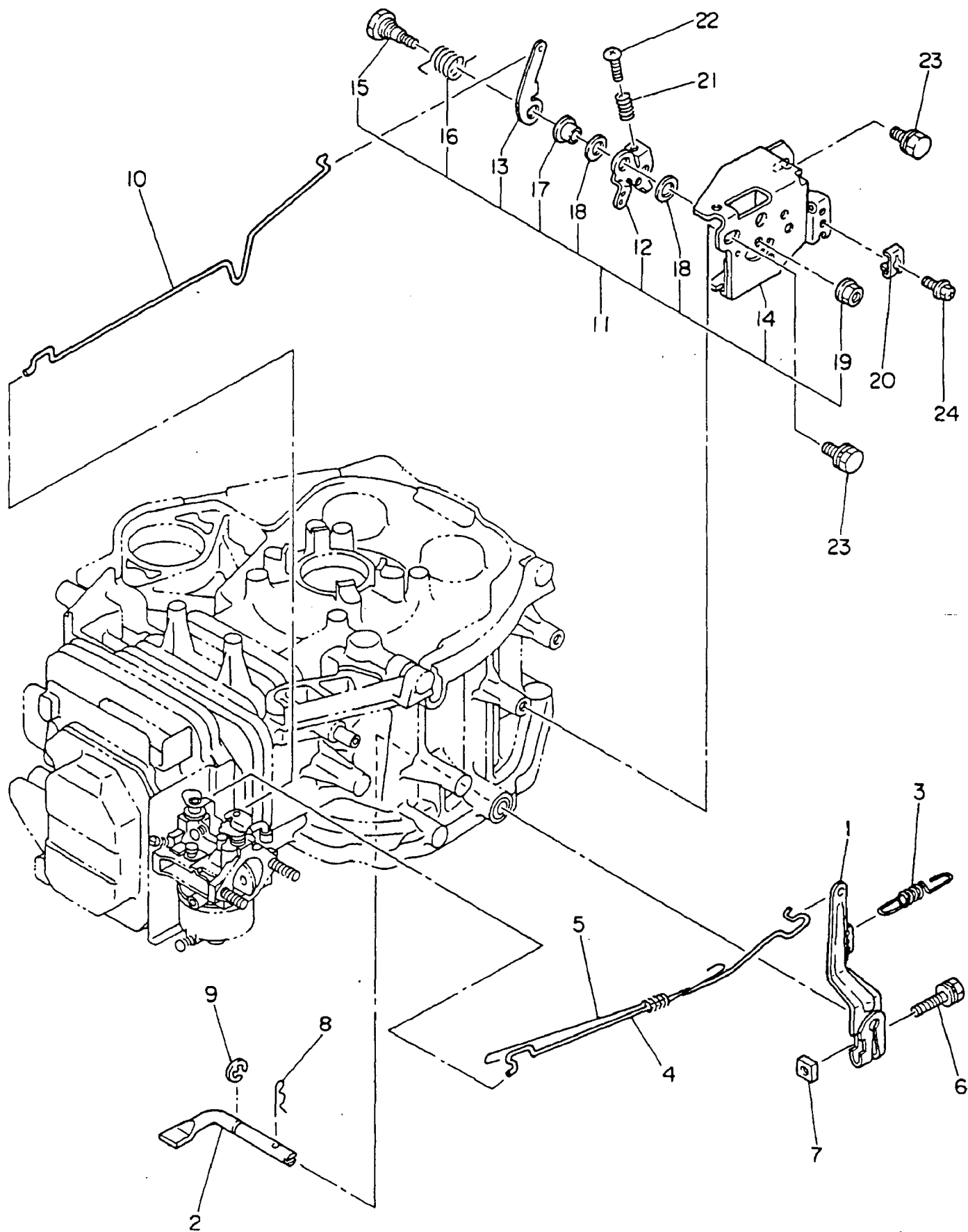
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3. INTAKE, EXHAUST GROUP



Intake and Exhaust (cont.)

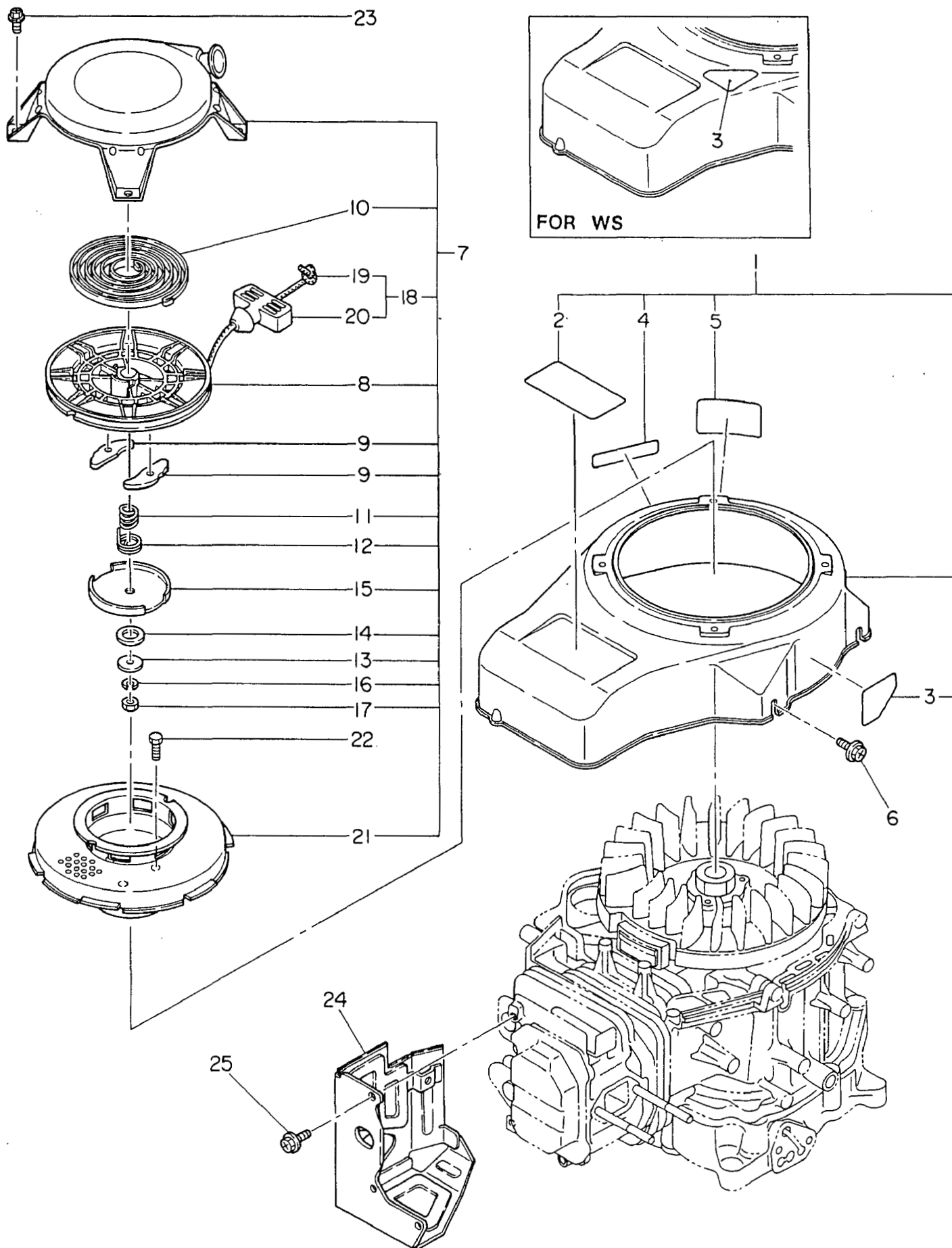
ITEM	PART NO.	DESCRIPTION	QTY.
33	EY2273652403	Cap nut.....	1
35	EY2483290203	Insulator	1
36	EY2483590103	Gasket, insulator	1
37	EY2483590203	Gasket, insulator	1
38	EY2483600303	Gasket, air cleaner	1
39	EY0023808000	Flange nut	2
40	EY0110060020	Flange bolt	1
41	EY0016506200	Bolt	1
42	EY0200060070	Washer	1
43	EY2483800101	Bracket.....	1
44	EY2473280201	Cleaner base	1



Governor

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2464230207	Governor lever (includes items 6-7)	1
2	EY2464220203	Governor shaft	1
3	EY2484250203	Governor spring	1
4	EY2484270201	Governor rod	1
5	EY2484280203	Rod spring	1
6	EY0011406250	Bolt and washer assembly	1
7	EY0186060020	Nut	1
8	EY0051108000	Snap pin	1
9	EY0031306000	Clip	1
10	EY2484370201	Choke rod	1
11	EY2464340100	Speed control assembly (includes items 12-19)	1
12	_____	Speed control lever	1
13	EY2464380401	Choke lever	1
14	EY2464430401	Bracket, speed control	1
15	EY2354443101	Pivot	1
16	EY2354450403	Return spring	1
17	EY2354444101	Collar	1
18	EY0217110010	Friction washer	2
19	EY0023806000	Flange nut	1
20	EY2354390101	Clamp	1
21	EY2304900301	Spring, adjuster	1
22	EY0043104160	Screw, pan head	1
23	EY0011106160	Bolt and washer assembly	2
24	EY0011705200	Bolt and washer assembly	1

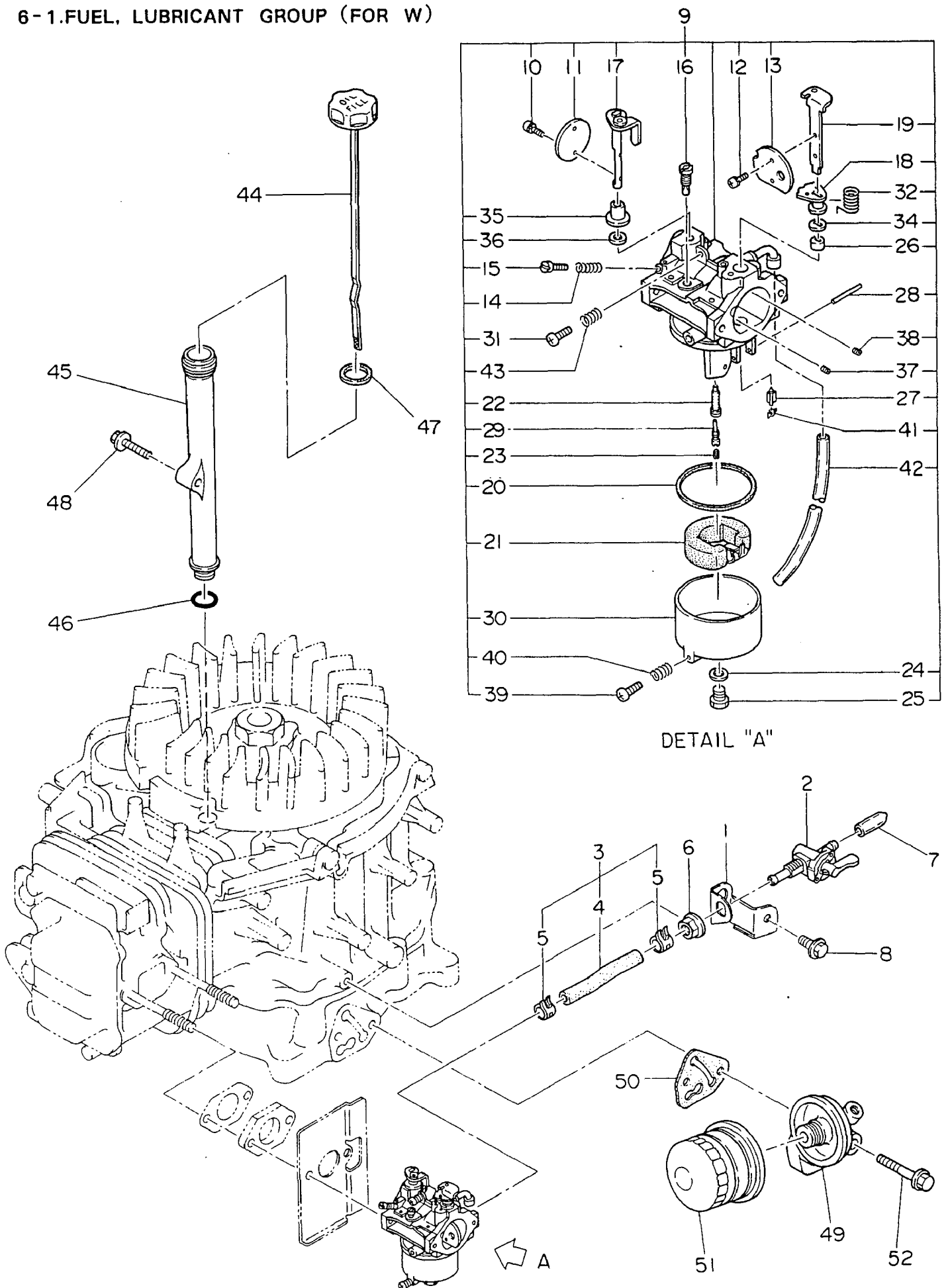
5. COOLING, STARTING GROUP



Air Shroud and Recoil

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2485230101	Air shroud (includes items 2-4)	1
2	EY2489170203	Label, trade mark	1
3	EY0732003410	Label, warning	1
4	EY2489510403	Label, spec no.	1
5	EY0732003900	Label, warning	1
6	EY0110060010	Flange bolt	12
7	EY2485030100	Recoil starter assembly (includes items 8-21)	1
8	EY2245012008	Reel	1
9	EY2245012508	Ratchet	2
10	EY1135011608	Spiral spring	1
11	EY2095013008	Friction spring	1
12	EY2245013508	Return spring	1
13	EY2095015008	Thrust washer	1
14	EY2245015508	Thrust washer	1
15	EY2095014008	Friction plate	1
16	EY1295015508	Spring washer	1
17	EY1495015208	Nut	1
18	EY2075010508	Rope assembly (includes items 19-20)	1
19	EY2075011008	Starter rope	1
20	EY2065010108	Starter knob	1
21	EY2485014508	Starter pulley	1
22	EY0016508120	Bolt	3
24	EY2465270302	Cylinder baffle	1
—	EY2465030107	Hardware kit, recoil (includes items 9-17)	1

6-1.FUEL, LUBRICANT GROUP (FOR W)

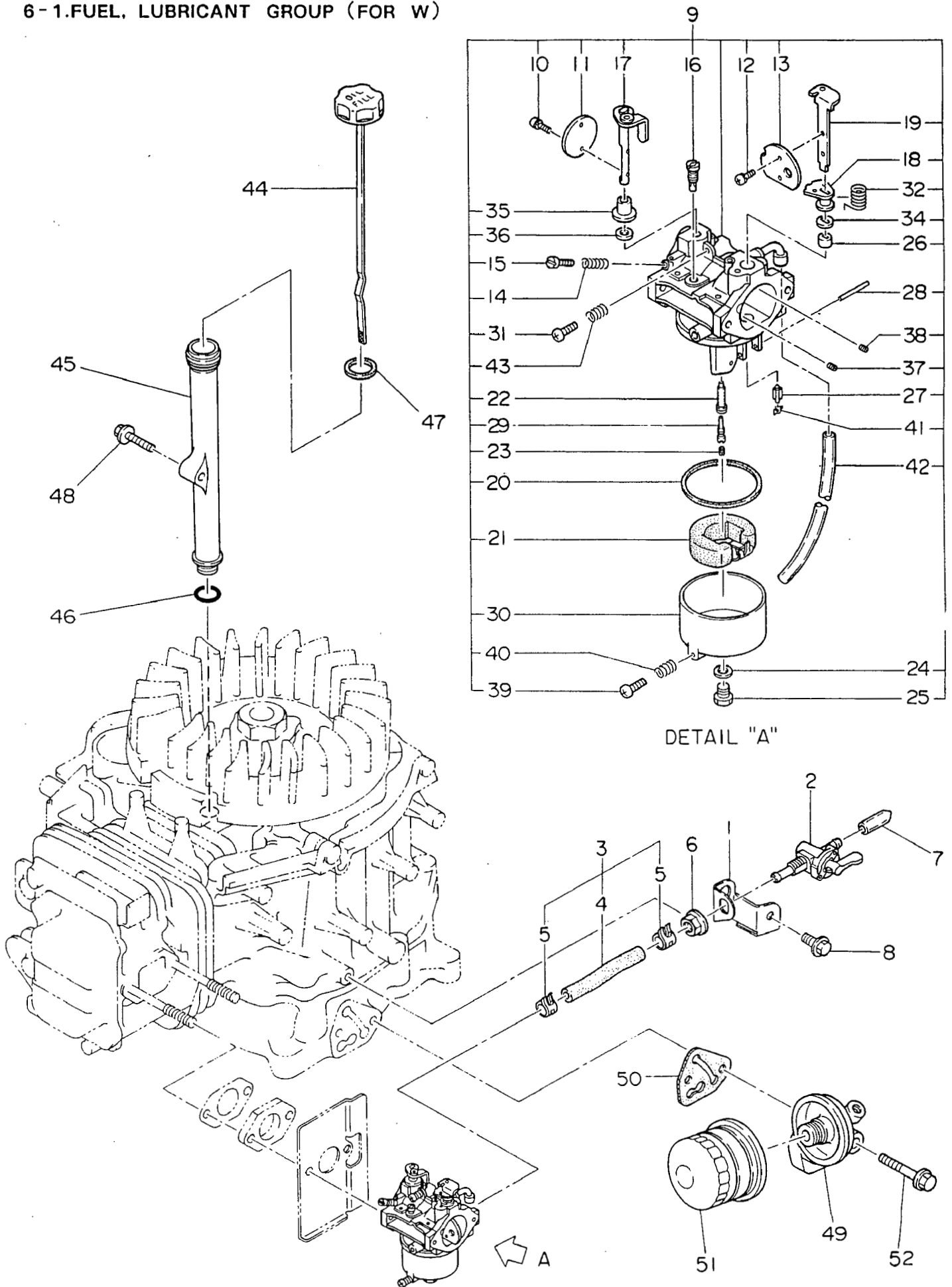


Fuel Tank and Carburetor

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2466500101	Bracket, fuel gauge	1
2	EY2356460120	Fuel gauge	1
3	EY2486260201	Fuel hose (includes items 4-5)	1
4	-----	Rubber hose	1
5	EY0561110020	Hose clamp	2
6	EY0023810000	Flange nut	1
7	EY0423060011	Cap, vinyl	1
8	EY0110060020	Flange bolt	1
9	EY2486240110	Carburetor assembly (includes items 10-43)	1
10	EY2096235108	Screw	2
11	EY2246253608	Throttle valve	1
12	EY2346245008	Screw	2
13	EY2486252508	Choke valve	1
14	EY2096244508	Spring	2
15	EY2096235608	Adjuster	1
16	EY2136242008	Pilot jet # 37.5	1
17	EY2486253008	Throttle shaft assembly	1
18	EY2486255008	Ring	1
19	EY2486252008	Choke lever	1
20	EY2066254008	Packing	1
21	EY2346250508	Float assembly	1
22	EY2486244008	Main nozzle	1
23	EY2246240308	Main jet, # 107.5	1
24	EY2076234508	Washer	1
25	EY2306245108	Bolt	1
26	EY2266255008	Ring	1
27	EY2246230908	Needle assembly	1
28	EY2146251508	Pin, float	1
29	EY2356242508	Jet holder	1
30	EY2486255208	Float body assembly	1
31	EY2396243508	Screw	1
32	EY2486244508	Spring	1
34	EY2366268008	Seal	1

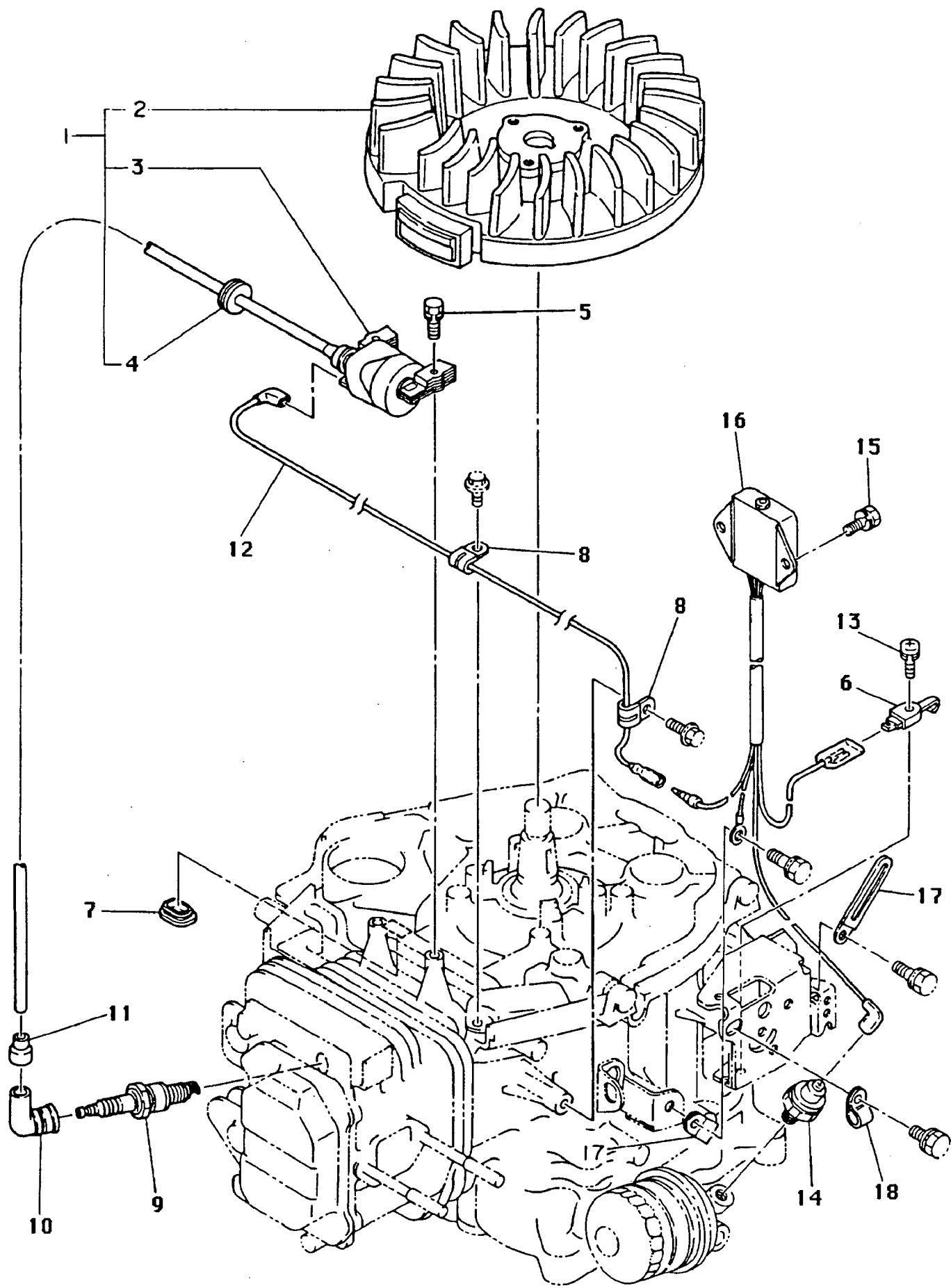
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6-1.FUEL, LUBRICANT GROUP (FOR W)



Fuel Tank and Carburetor (cont.)

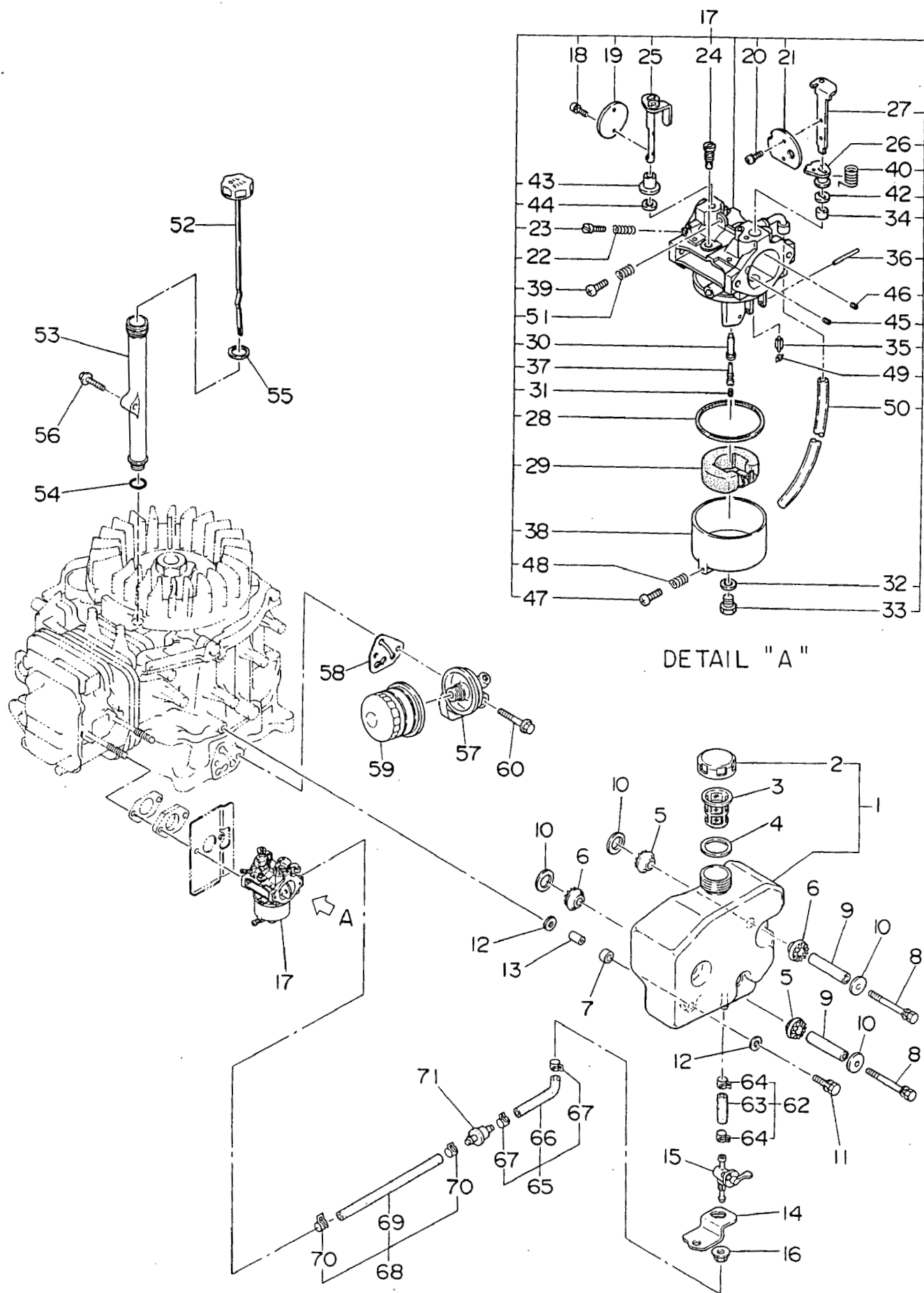
ITEM	PART NO.	DESCRIPTION	QTY.
35	EY2486255108	Ring	1
36	EY1066239208	Seal	1
37	EY2426232108	Air jet	1
38	EY2486241008	Air jet	1
39	EY2246245008	Screw	1
40	EY2096244508	Spring	1
41	EY2246256808	Clip	1
42	EY2486245008	Hose, vinyl	1
43	EY2356244508	Spring	1
44	EY2486360501	Oil gauge	1
45	EY2466370103	Oil filler	1
46	EY0240160010	"O" ring	1
47	EY0213180010	Gasket	1
48	EY0110060101	Flange bolt	1
49	EY2486501113	Bracket, oil filter	1
50	EY2486540203	Gasket, filter bracket	1
51	EY2486580100	Oil filter assembly	2
52	EY0110080090	Flange bolt	1
—	EY2486240207	Carburetor gasket set (includes items 20, 24; also items 36-38 on page 10)	1
—	EY2486240107	Carburetor repair kit (includes items 10, 12, 14-16, 18, 23-28, 31-41, 43)	1



Electrical Equipment Group

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2487025100	Magneto assembly (includes items 2-4)	1
2	EY2487022108	Flywheel	1
3	EY2467023108	Ignition coil	1
4	EY2267024508	Grommet	1
5	EY0011406300	Bolt and washer assembly	2
6	EY2267270611	Stop switch	1
7	EY2267500103	Grommet	1
8	EY2147900601	Clamp	2
9	EY0650140300	Spark plug (NGK #BP6ES)	1
10	EY0655000050	Spark plug cap	1
11	EY0422000060	Cap, rubber	1
12	EY2467310101	Wire stop switch to coil	1
13	EY0043504120	Screw and washer assembly	1
14	EY2487630101	Oil pressure switch	1
15	EY0011006140	Bolt and washer assembly	2
16	EY2487630201	Controller	1
17	EY0566000250	Clamp	1
18	EY2067550101	Clamp	2

6-2.FUEL, LUBRICANT GROUP (FOR WS)

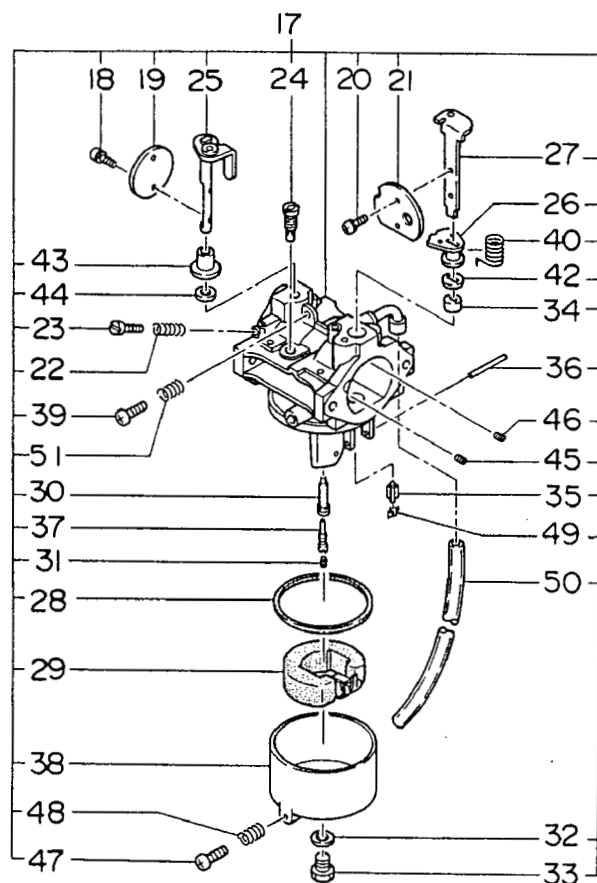


Optional Fuel Tank and Carburetor

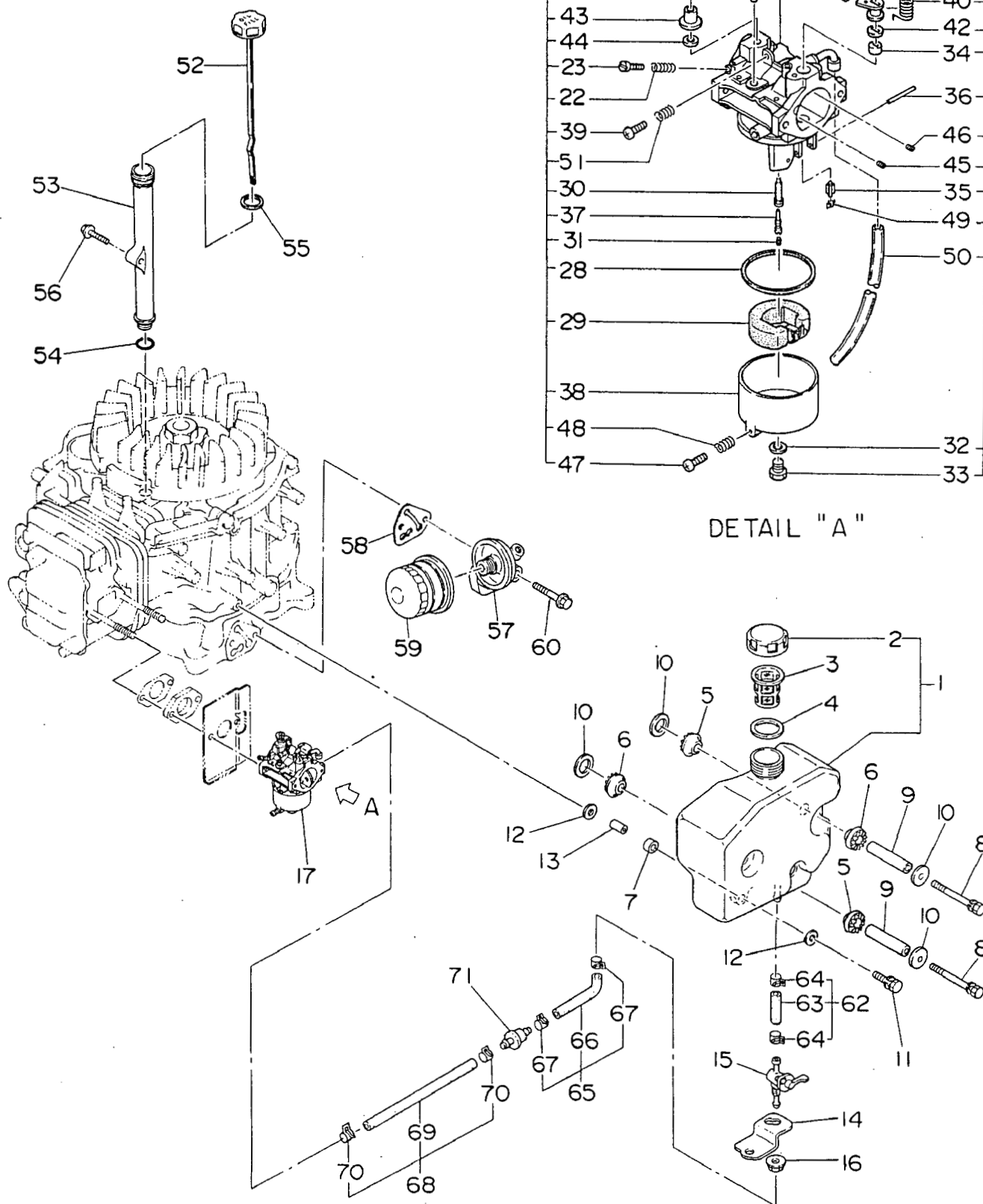
ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2466110101	Fuel tank (includes item 2)	1
2	EY0430440080	Fuel tank cap	1
3	EY0641420020	Fuel filter	1
4	EY0840420010	Gasket, nylon	1
5	EY 2466510103	Rubber mount 1	2
6	EY2466510203	Rubber mount 2	2
7	EY2466510303	Rubber mount 3	1
8	EY0130060180	Bolt and washer assembly	2
9	EY0230060290	Pipe	2
10	EY0200061050	Washer	4
11	EY0011306350	Bolt and washer assembly	1
12	EY0200060070	Washer	2
13	EY0230060160	Spacer	1
14	EY2466500301	Bracket, fuel cock	1
15	EY2356460120	Fuel cock assembly	1
16	EY0023810000	Flange nut	1
17	EY2486240110	Carburetor assembly (includes items 18-51)	1
18	EY2096235108	Screw	2
19	EY2246253608	Throttle valve	1
20	EY2346245008	Screw	2
21	EY2486252508	Choke valve	1
22	EY2096244508	Spring	2
23	EY2096235608	Adjuster	1
24	EY2136242008	Pilot jet (#37.5)	1
25	EY2486253008	Throttle shaft assembly	1
26	EY2486255008	Ring	1
27	EY2486252008	Choke lever	1
28	EY2066254008	Packing	1
29	EY2346250508	Float assembly	1
30	EY2486244008	Main nozzle	1
31	EY2246240308	Main jet (#107.5)	1
32	EY2076234508	Washer	1
33	EY2306245108	Bolt	1
34	EY2266255008	Ring	1
35	EY2246230908	Needle assembly	1
36	EY2146251508	Pin, float	1

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6-2.FUEL, LUBRICANT GROUP (FOR WS)



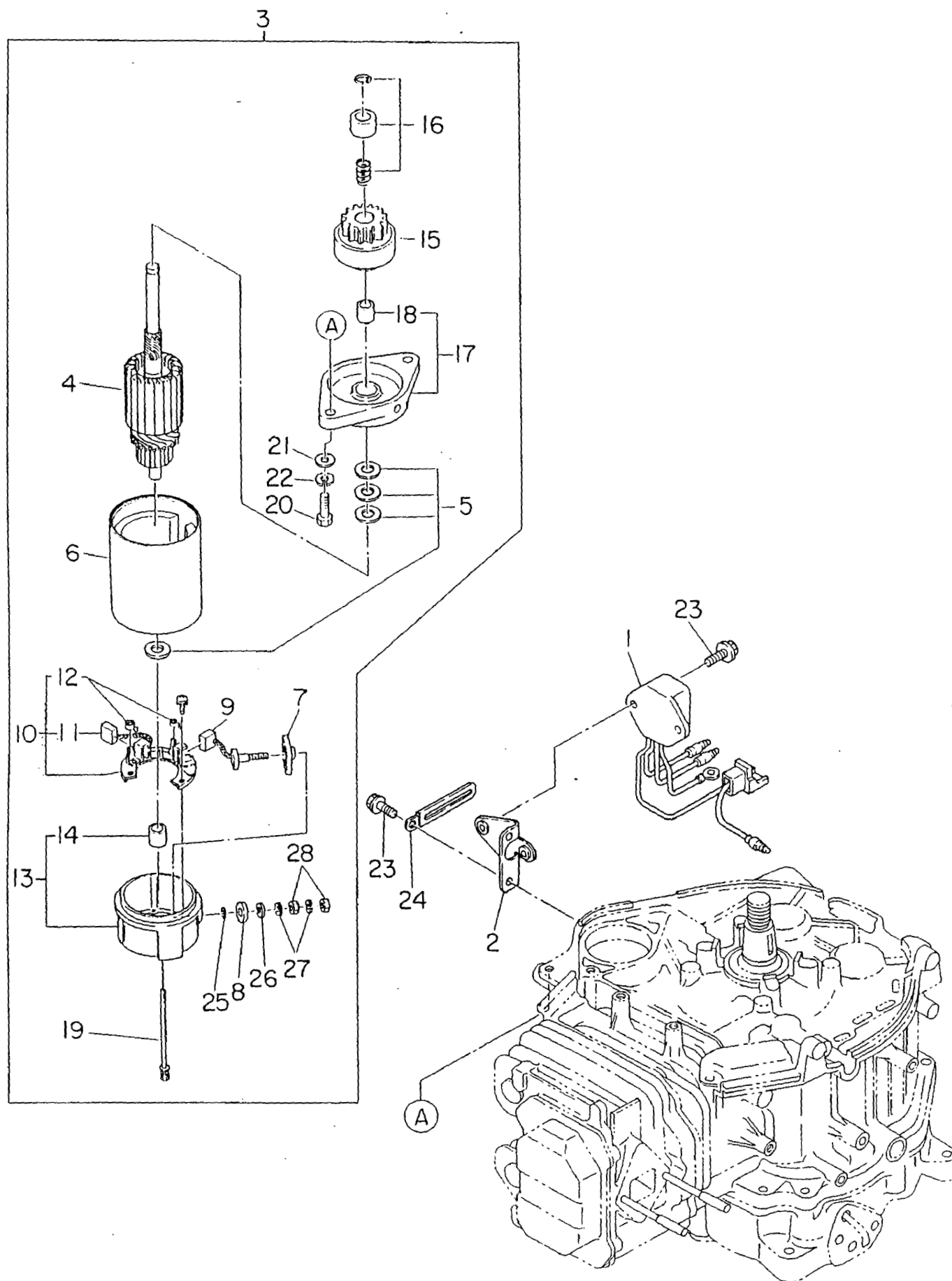
DETAIL "A"



Optional Fuel Tank and Carburetor (cont.)

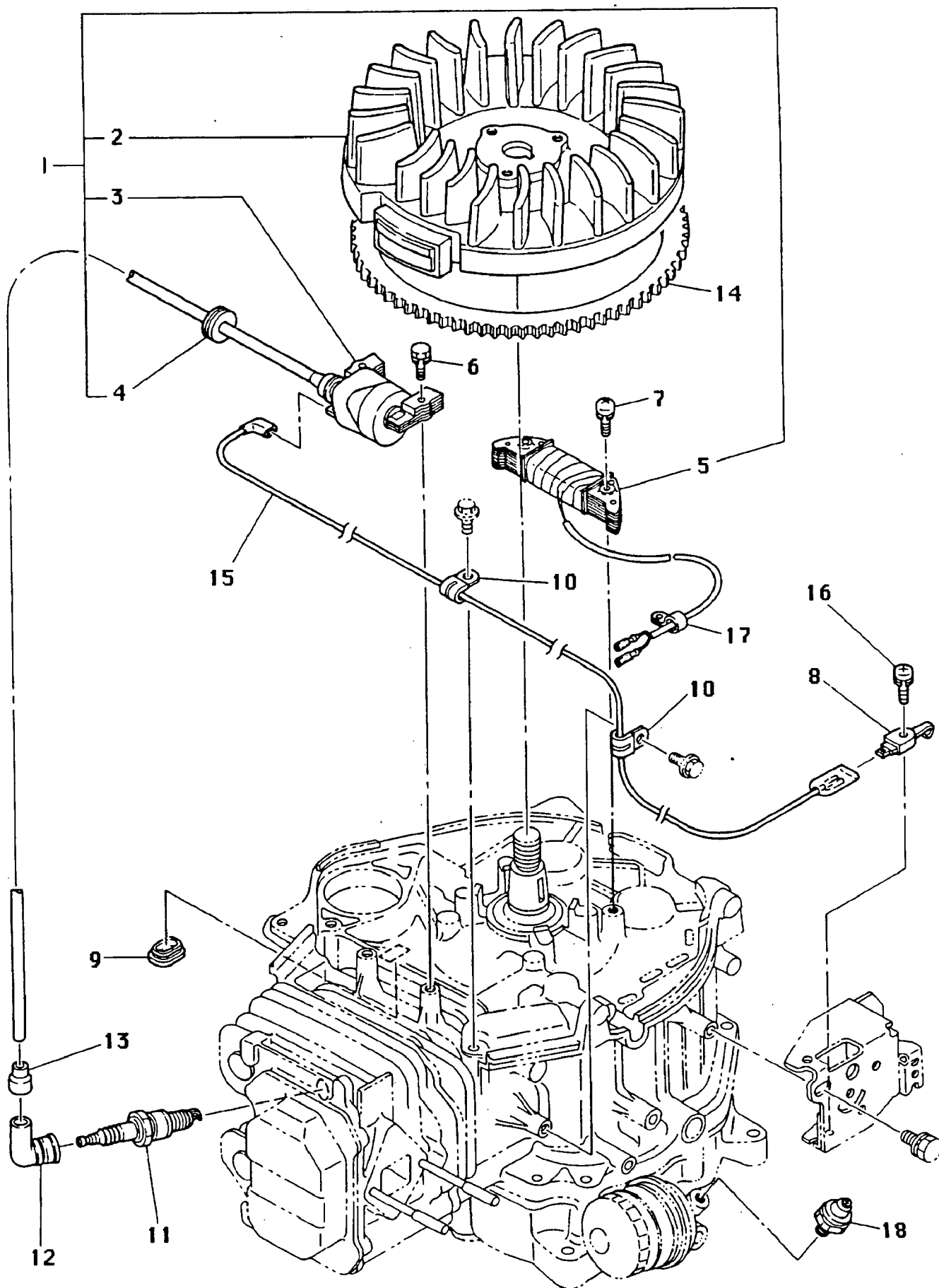
ITEM	PART NO.	DESCRIPTION	QTY.
37	EY2356242508	Jet holder	1
38	EY2486255208	Float body assembly	1
39	EY2396243508	Screw	1
40	EY2486244508	Spring	1
42	EY2366268008	Seal	1
43	EY2486255108	Ring	1
44	EY1066239208	Seal	1
45	EY2426232108	Air jet	1
46	EY2486241008	Air jet	1
47	EY2246245008	Screw	1
48	EY2096244508	Spring	1
49	EY2246256808	Clip	1
50	EY2486245008	Hose, vinyl	1
51	EY2356244508	Spring	1
52	EY2486360501	Oil gauge	1
53	EY2466370103	Oil filler	1
54	EY0240160010	"O" ring	1
55	EY0213180010	Gasket	1
56	EY0110060101	Flange bolt	1
57	EY2486501113	Oil filter bracket	1
58	EY2486540203	Gasket, filter bracket	1
59	EY2486580100	Oil filter assembly	1
60	EY0110080090	Flange bolt	2
62	EY2466260201	Fuel pipe 2 (includes items 63-64)	1
63	EY0851040170	Rubber pipe (L=35, 4.5ø x 9ø)	1
64	EY0561080020	Hose clamp	6
65	EY2466260301	Fuel pipe 3 (includes items 66-67)	1
66	EY2466260103	Rubber pipe (L=90, 4.5ø x 9ø)	1
68	EY2486260101	Fuel pipe (includes items 69-70))	1
69	EY0851040170	Rubber pipe (L=180, 4.5ø x 9ø)	1
71	EY3586280101	Fuel filter	1

8. STARTING MOTOR GROUP (FOR WS)



Optional Electric Starter

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2357140401	Diode rectifier	1
2	EY2467600201	Bracket	1
3	EY2357050100	Starting motor assembly (includes items 4-19, 25-28)	1
4	EY2357055008	Armature assembly	1
5	EY2357055508	Washer kit	1
6	EY2357056008	Yoke assembly	1
7	EY2357056508	M Bush (1)	1
8	EY2357056608	M Bush (2)	1
9	EY2357053508	Brush (+)	1
10	EY2357053008	Holder assembly, brush (includes items 11-12)	1
11	EY2357054008	Brush (-)	1
12	EY2357054508	Spring, brush	2
13	EY2357050508	Rear cover assembly (includes item 14)	1
14	EY1137051008	Metal, rear cover	1
15	EY2357052008	Pinion assembly	1
16	EY2357057008	Stopper set, pinion	1
17	EY2357050008	Front cover assembly (includes item 18)	1
18	EY2147056008	Metal, front cover	1
19	EY2357057508	Through bolt	2
20	EY2147900701	Bolt, starter	2
21	EY0031008000	Washer	2
22	EY0032008000	Spring washer	2
23	EY0110060150	Flange bolt	3
24	EY0566000250	Clamp	1
25	EY2357056708	"O" ring	1
26	EY0031106000	Washer	1
27	EY0032006000	Spring washer	2
28	EY0022706000	Nut	2
29	EY0110060020	Flange bolt	3



Electrical Equipment Group (for Optional Electric Starter)

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2487025200	Magneto assembly (includes items 2-4)	1
2	EY2487022108	Flywheel	1
3	EY2467023208	Ignition coil	1
4	EY2467025008	Grommet	1
5	EY2467024008	Charge coil	1
6	EY0011406300	Bolt and washer assembly	2
7	EY0043606250	Screw and washer assembly	2
8	EY2267270611	Stop switch	1
9	EY2247550103	Grommet	1
10	EY2147900601	Clamp	2
11	EY0650140300	Spark plug	1
12	EY0655000050	Spark plug cap	1
13	EY0422000060	Cap, rubber	1
14	EY2467100203	Ring gear	1
15	EY2467310201	Wire 2	1
16	EY0043504120	Screw and washer assembly	1
17	EY2067550101	Clamp	1
18	EY2487630101	Switch, oil pressure	1