

Introduction

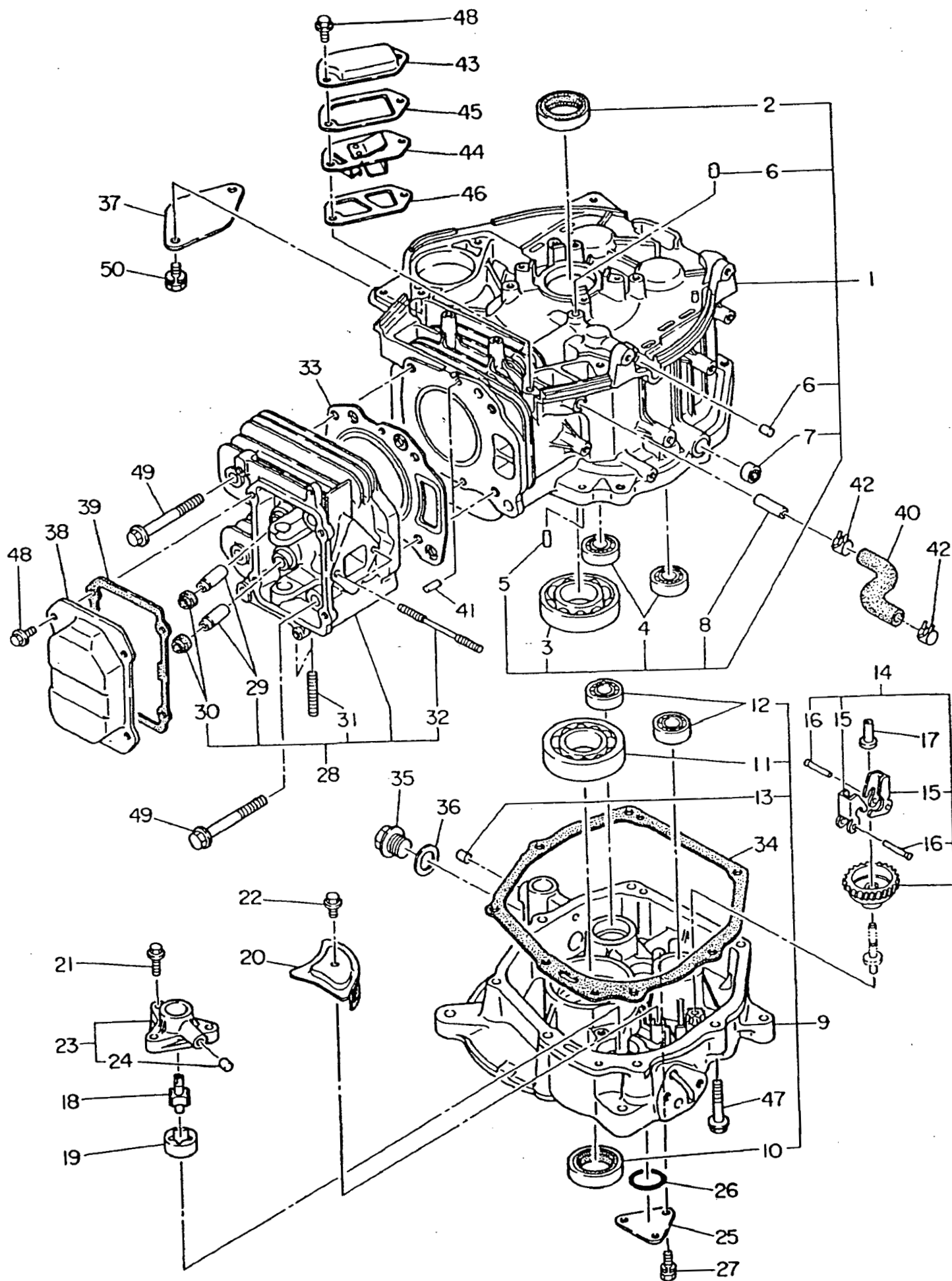
This catalog is designed to identify **Wisconsin Robin** parts.

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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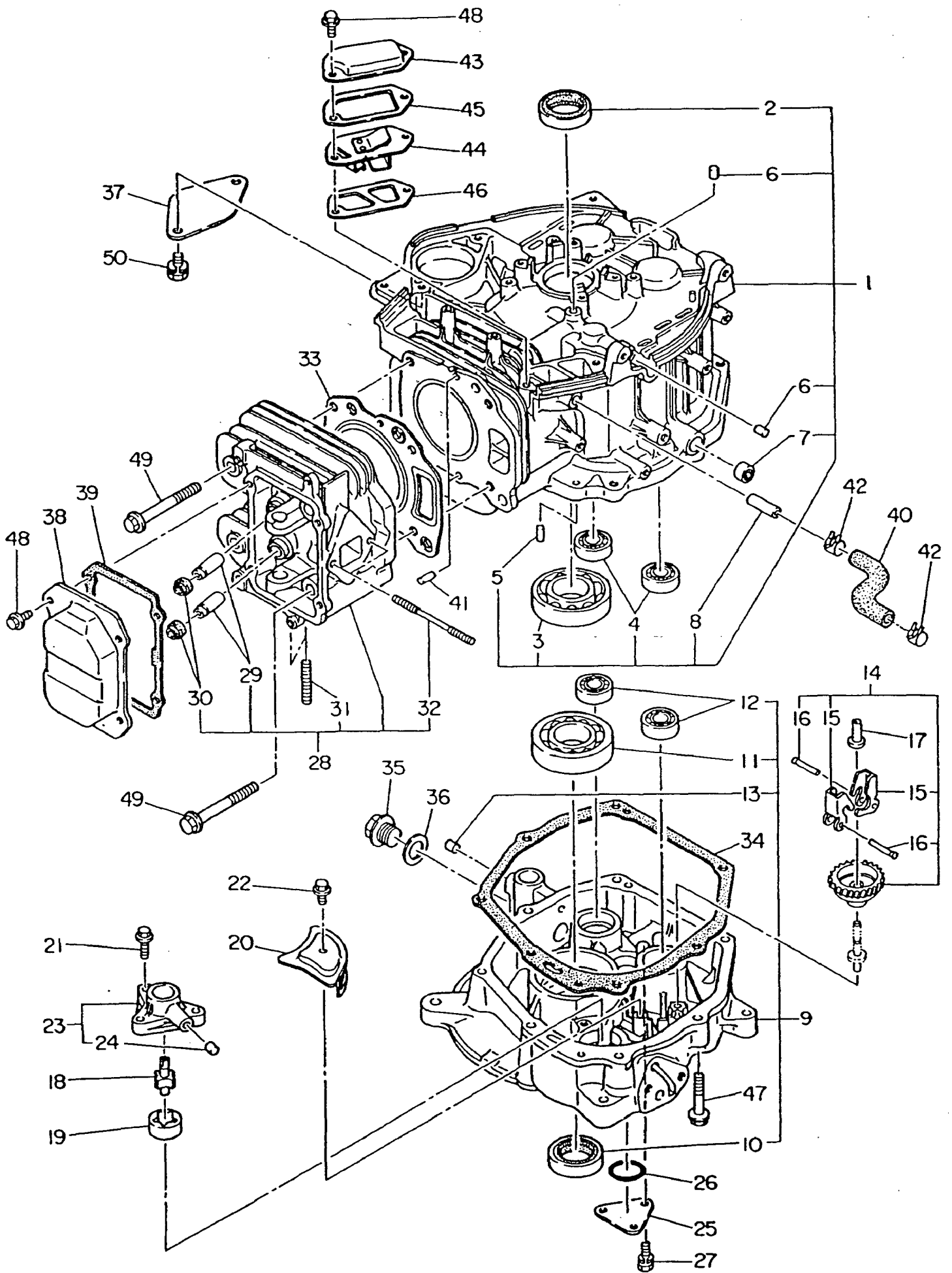
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Crankcase and Related Parts

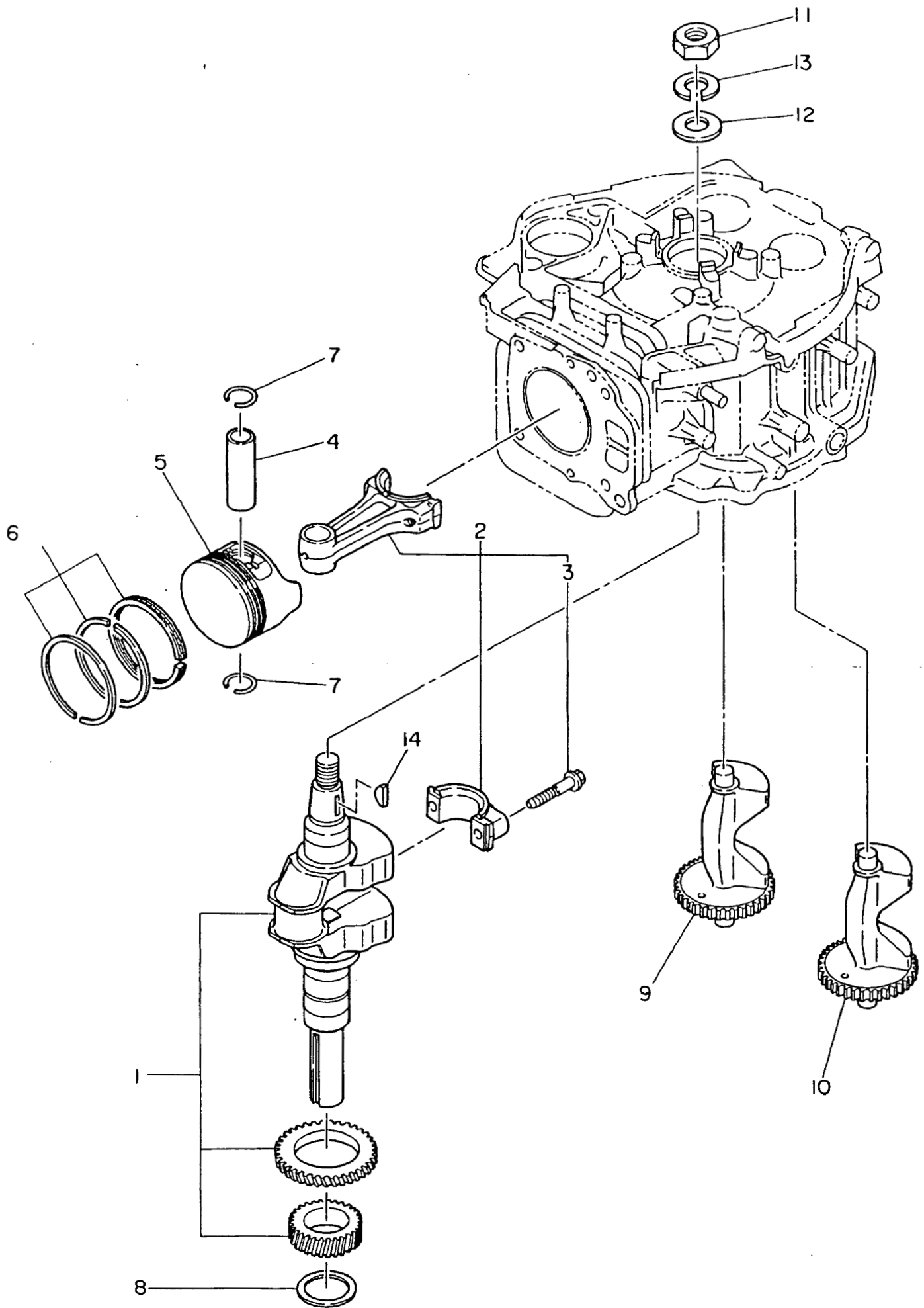
ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2461050101	Crankcase for WO1-300V (includes items 2-8).....	1
—	EY2471050101	Crankcase for WO1-340V (includes items 2-8).....	1
2	EY0440350090	Oil Seal	1
3	EY0600350010	Ball bearing, crankcase	1
4	EY0600150010	Ball bearing, crankcase	2
5	EY0310060020	Dowel pin	2
6	EY2351540103	Plug, crankcase	2
7	EY0440080020	Oil seal, crankcase	1
8	EY2463920101	Union.....	1
9	EY2471130111	Gear cover (includes items 10-13)	1
10	EY0440350090	Oil Seal, gear cover	1
11	EY0600350010	Ball bearing, gear cover	1
12	EY0600150010	Ball bearing, gear cover	2
13	EY2351541103	Plug (gear cover).....	1
14	EY2464500201	Governor gear (includes items 15-16).....	1
15	EY2464160103	Flyweight	2
16	EY0307300070	Pin	2
17	EY2054190103	Governor sleeve	1
18	EY2466390501	Oil pump, inner	1
19	EY2466390403	Oil pump, outer	1
20	EY2466430102	Oil filter	1
21	EY0110060160	Flange bolt	3
22	EY0110060020	Flange bolt	1
23	EY2461610201	Holder, camshaft (includes item 24)	1
24	EY2351540103	Plug, crankcase	1
25	EY2461800101	Cover, sensor	1
26	EY2461620203	"O" ring	1
27	EY0011306160	Bolt and washer assembly	3
28	EY2461330201	Cylinder head for WO1-300V (includes items 29-32).....	1
—	EY2471330201	Cylinder head for WO1-340V (includes items 29-32).....	1
29	EY2461420203	Valve guide, oversize	2
30	EY2391630203	Oil seal	2
31	EY0105080430	Stud	2
32	EY0105060290	Stud	2

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Crankcase and Related Parts (cont.)

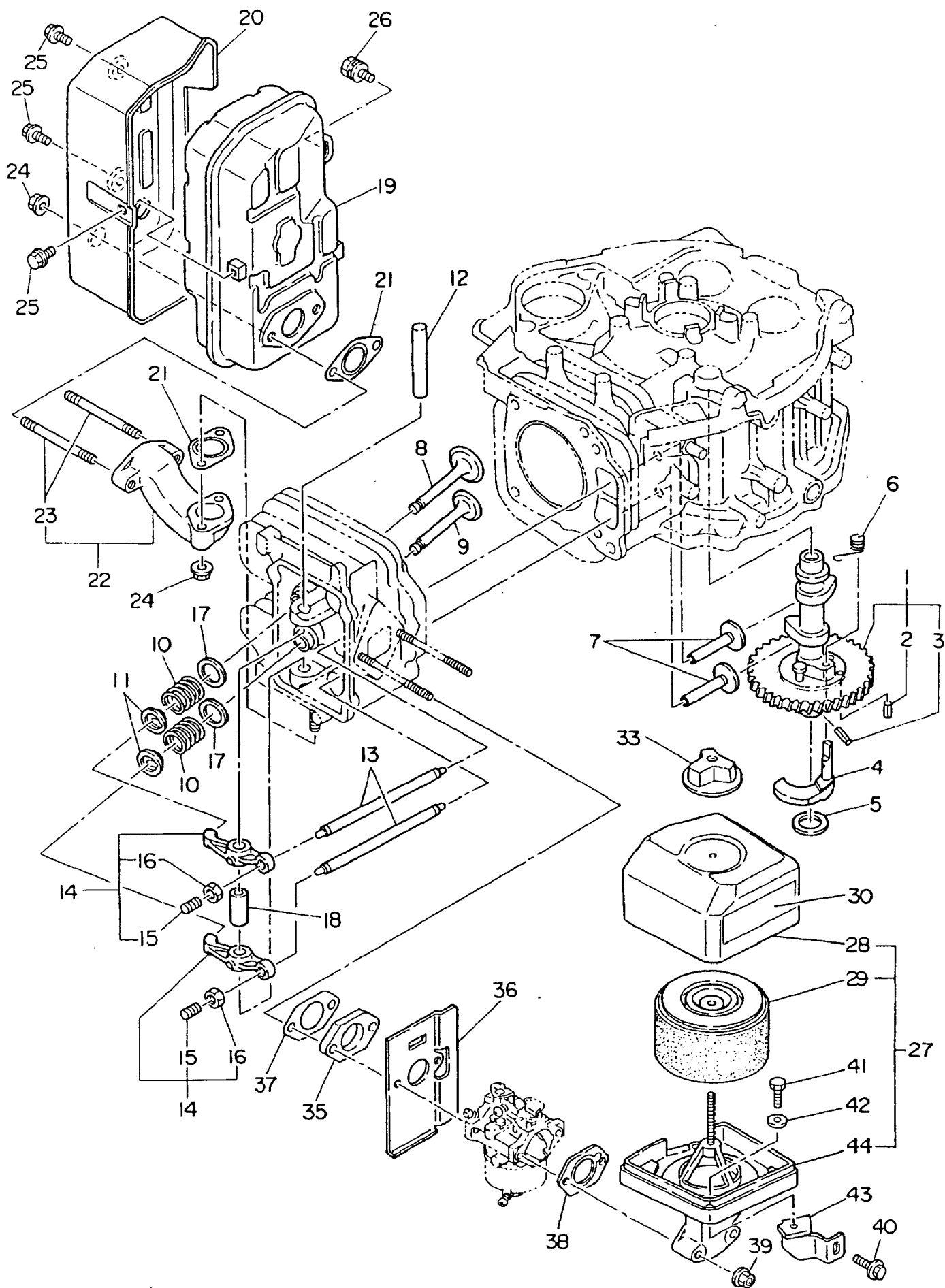
ITEM	PART NO.	DESCRIPTION	QTY.
33	EY2461500203	Gasket, cylinder head for WO1-300V	1
—	EY2471500203	Gasket, cylinder head for WO1-340V	1
34	EY2461520103	Gasket, gear cover	1
35	EY0401200010	Plug.....	1
36	EY0211200010	Gasket, oil drain.....	1
37	EY2241710103	Cover	1
38	EY2461550302	Rocker cover	1
39	EY2461600303	Gasket, rocker cover	1
40	EY2461080203	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	7
48	EY0110060080	Flange bolt	6
49	EY0110100040	Flange bolt	4
50	EY0011308120	Bolt and washer assembly	2
—	EY2469900307	Engine gasket set for WO1-300V (includes items 26, 33-34, 36, 39, 45-46; plus items 21, 36-38, on pages 8-10; plus items 46-47, 50 on page 18)	1
—	EY2479900307	Engine gasket set for WO1-340V (includes items 26, 33-34, 36, 39, 45-46; plus items 22, 36-38, on pages 8-10; plus items 46-47, 50 on page 18)	1



Crankshaft and Piston

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2462500101	Crankshaft	1
2	EY2462250200	Connecting rod assembly (includes item 3)	1
3	EY2462300103	Connecting rod bolt	2
4	EY2462330103	Piston pin	1
5	EY2462340103	Piston (std.) for WO1-300V	1
—	EY2472340103	Piston (std.) for WO1-340V	1
—	EY2462340203	Piston, 0.010" (0.25mm) O/S for WO1-300V	1
—	EY2472340203	Piston, 0.010" (0.25mm) O/S for WO1-340V	1
—	EY2462340303	Piston, 0.020" (0.50mm) O/S for WO1-300V	1
—	EY2472340303	Piston, 0.020" (0.50mm) O/S for WO1-340V	1
6	EY2462350107	Piston ring set (std.) for WO1-300V	1
—	EY2472350107	Piston ring set (std.) for WO1-340V	1
—	EY2462350207	Piston ring set, 0.10" (0.25mm) O/S for WO1-300V	1
—	EY2472350207	Piston ring set, 0.10" (0.25mm) O/S for WO1-340V	1
—	EY2462350307	Piston ring set, 0.20" (0.50mm) O/S for WO1-300V	1
—	EY2472350307	Piston ring set, 0.20" (0.50mm) O/S for WO1-340V	1
7	EY0565210020	Clip	2
8	* EY0230350160	Spacer, 0.023" (0.6mm)	1
—	* EY0230350170	Spacer, 0.031" (0.8mm)	1
—	* EY0230350180	Spacer, 0.039" (1.0mm)	1
9	EY2462410303	Balancer shaft for WO1-300V	1
—	EY2472410303	Balancer shaft for WO1-340V	1
10	EY2462410403	Balancer shaft for WO1-300V	1
—	EY2472410403	Balancer shaft for WO1-340V	1
11	EY0021818000	Nut	1
12	EY0031018000	Washer	1
13	EY0032018000	Spring washer	1
14	EY0053205401	Woodruff key	1

* Select only one.

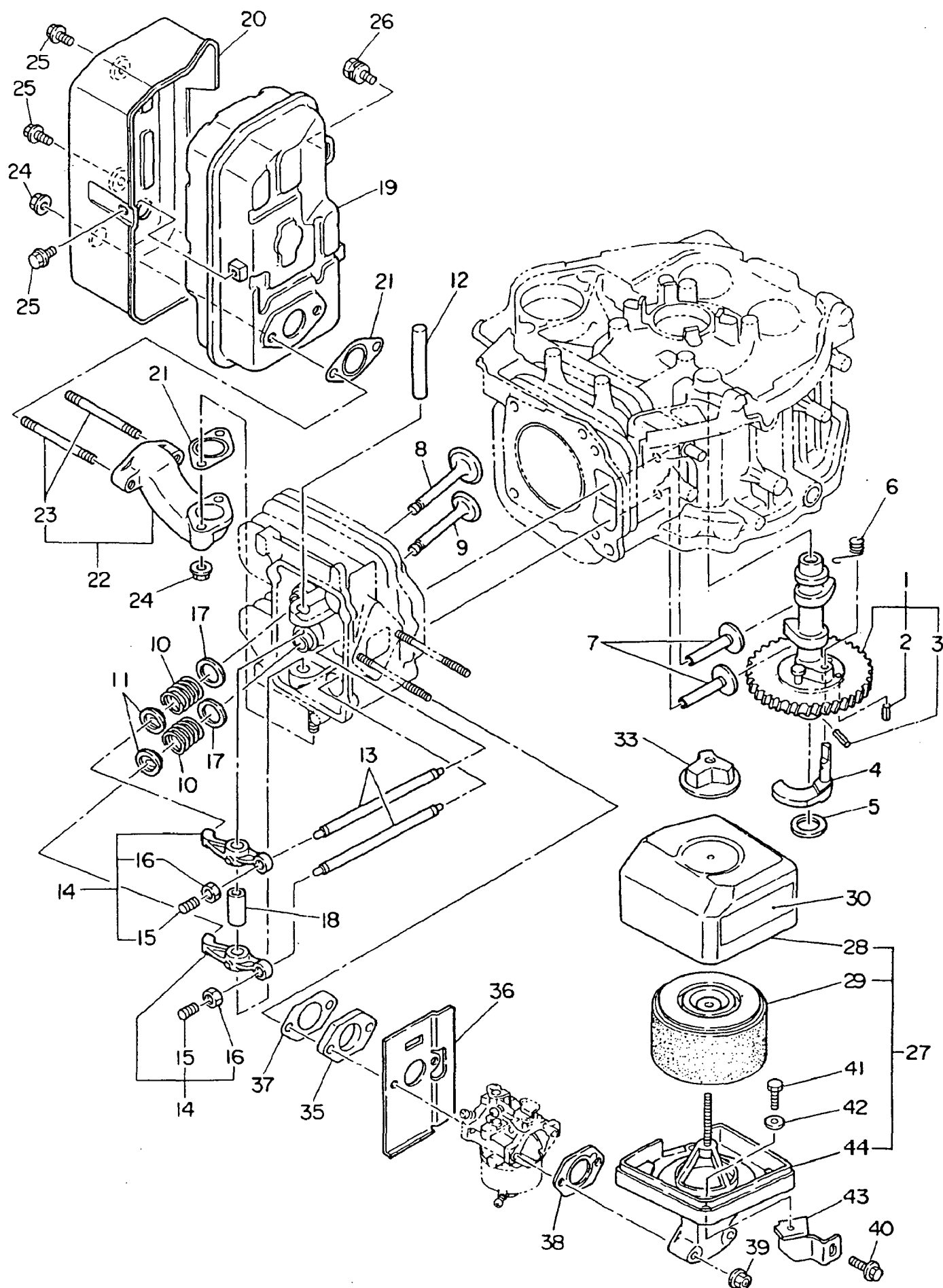


Intake and Exhaust

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2463170201	Camshaft (includes items 2-3)	1
2	EY0051904100	Spring pin	1
3	EY0051925180	Spring pin	1
4	EY2463620101	Decompression lever	1
5	* EY0230220050	Spacer, 0.023" (0.6mm)	1
—	* EY0230220070	Spacer, 0.031" (0.8mm)	1
6	EY2463670103	Return spring	1
7	EY2463330103	Tappet	2
8	EY2463340103	Intake valve	1
9	EY2463350103	Exhaust valve	1
10	EY2463360103	Valve spring	2
11	EY2463370103	Spring retainer	2
12	EY2393500103	Rocker shaft	1
13	EY2463530101	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
18	EY2463612003	Spacer	1
19	EY2463010101	Muffler	1
20	EY2463420101	Muffler cover	1
21	EY2463520103	Gasket, muffler	2
22	EY2463400101	Exhaust pipe (includes item 23)	1
23	EY0105080360	Stud	2
24	EY0180080010	Flange nut	4
25	EY0110060060	Flange bolt	4
26	EY0011008160	Bolt and washer assembly	1
27	EY2463280201	Air cleaner assembly (includes items 28-29 & 44)	1
28	EY2463281203	Cleaner cover	1
29	EY2463282201	Cleaner element	1
30	EY0732003950	Label, air cleaner	1

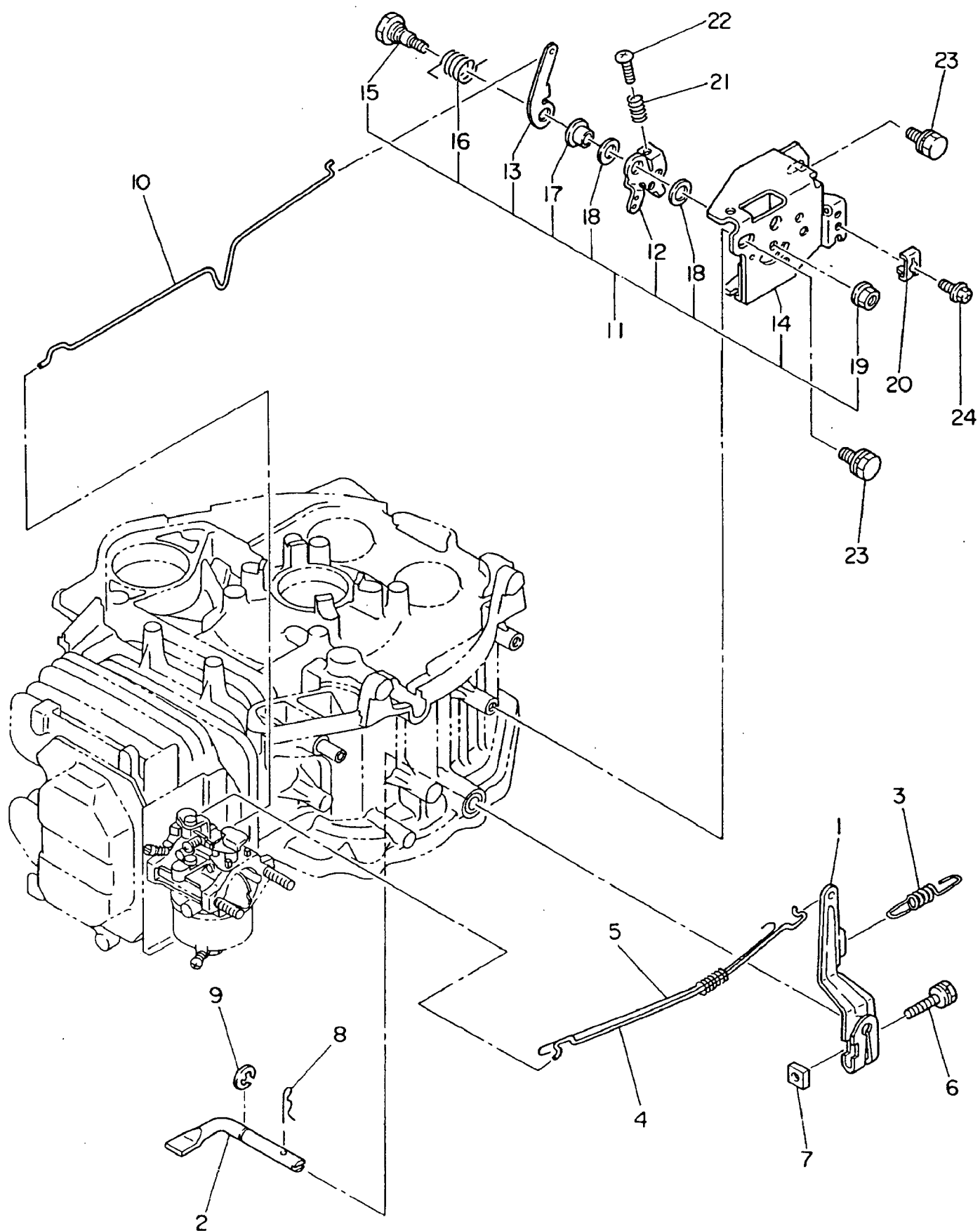
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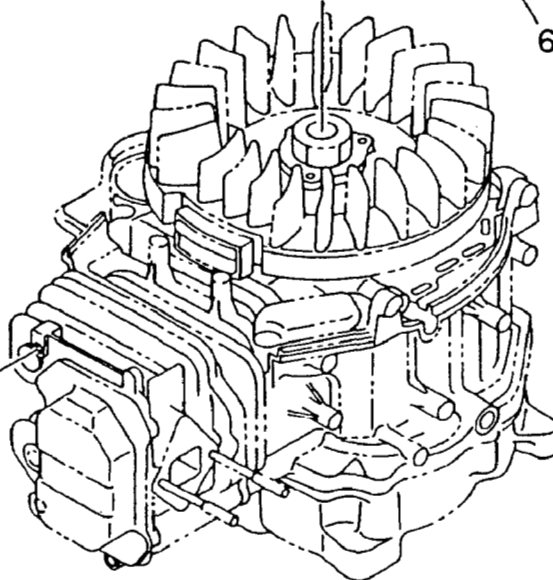
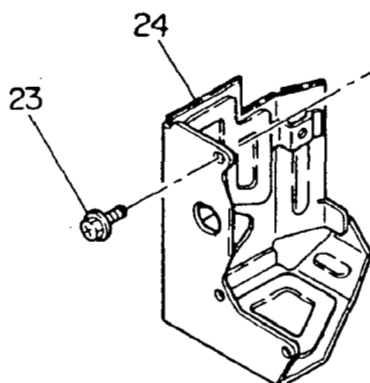
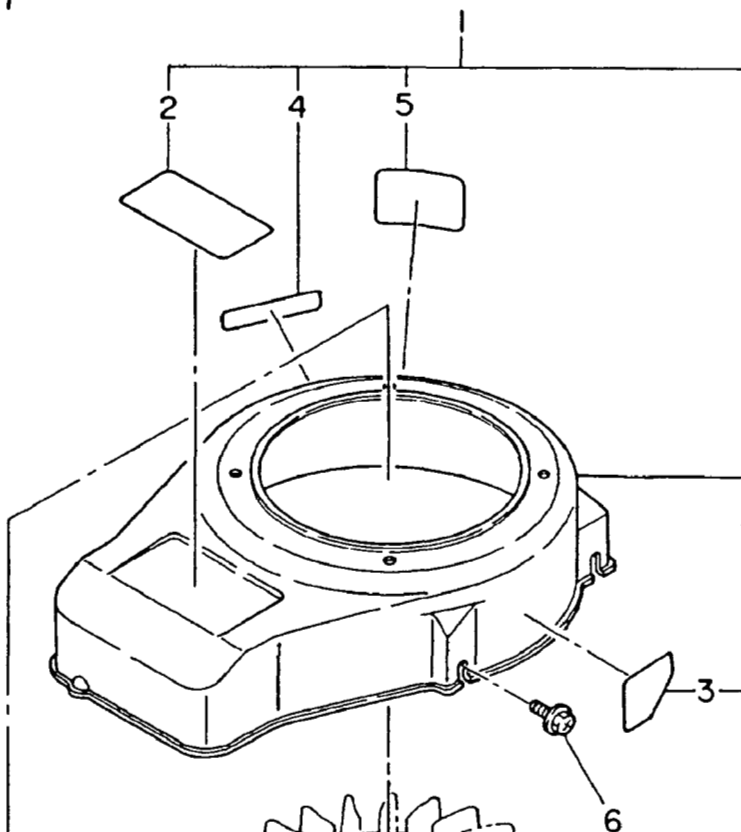
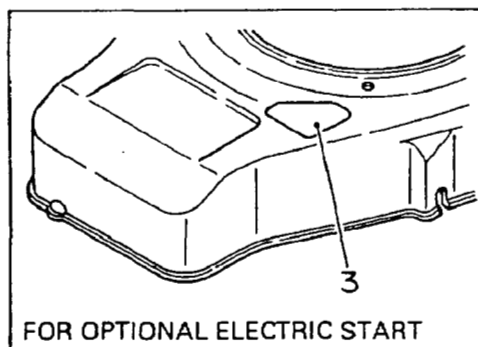
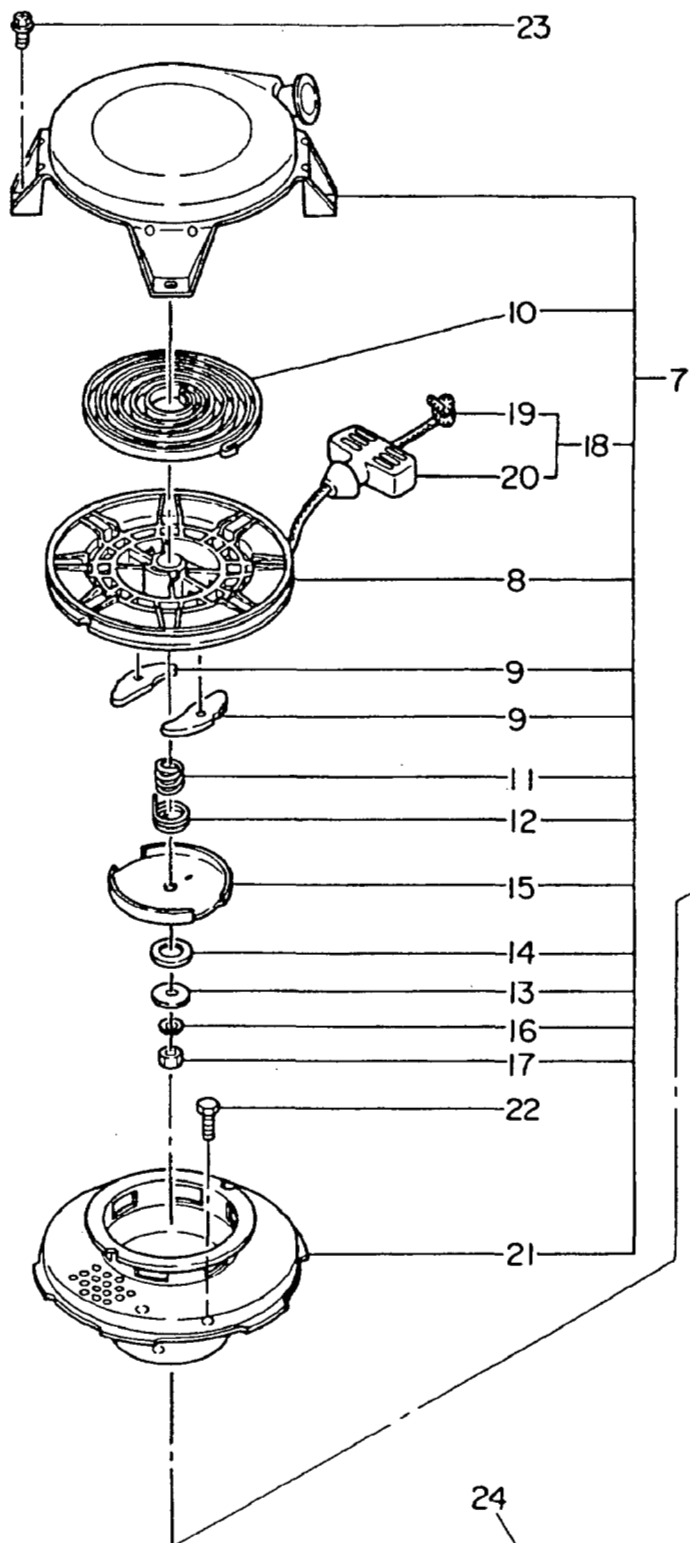
Intake and Exhaust (cont.)

ITEM	PART NO.	DESCRIPTION	QTY.
33	EY2273652403	Cap nut.....	1
35	EY2463290203	Insulator	1
36	EY2463590103	Gasket, insulator	1
37	EY2343590103	Gasket, insulator	1
38	EY2343600303	Gasket, air cleaner	1
39	EY0023806000	Flange nut	2
40	EY0110060020	Flange bolt	1
41	EY0016506200	Bolt	1
42	EY0200060070	Washer	1
43	EY2463800101	Bracket.....	1
44	EY2463280200	Cleaner base	1



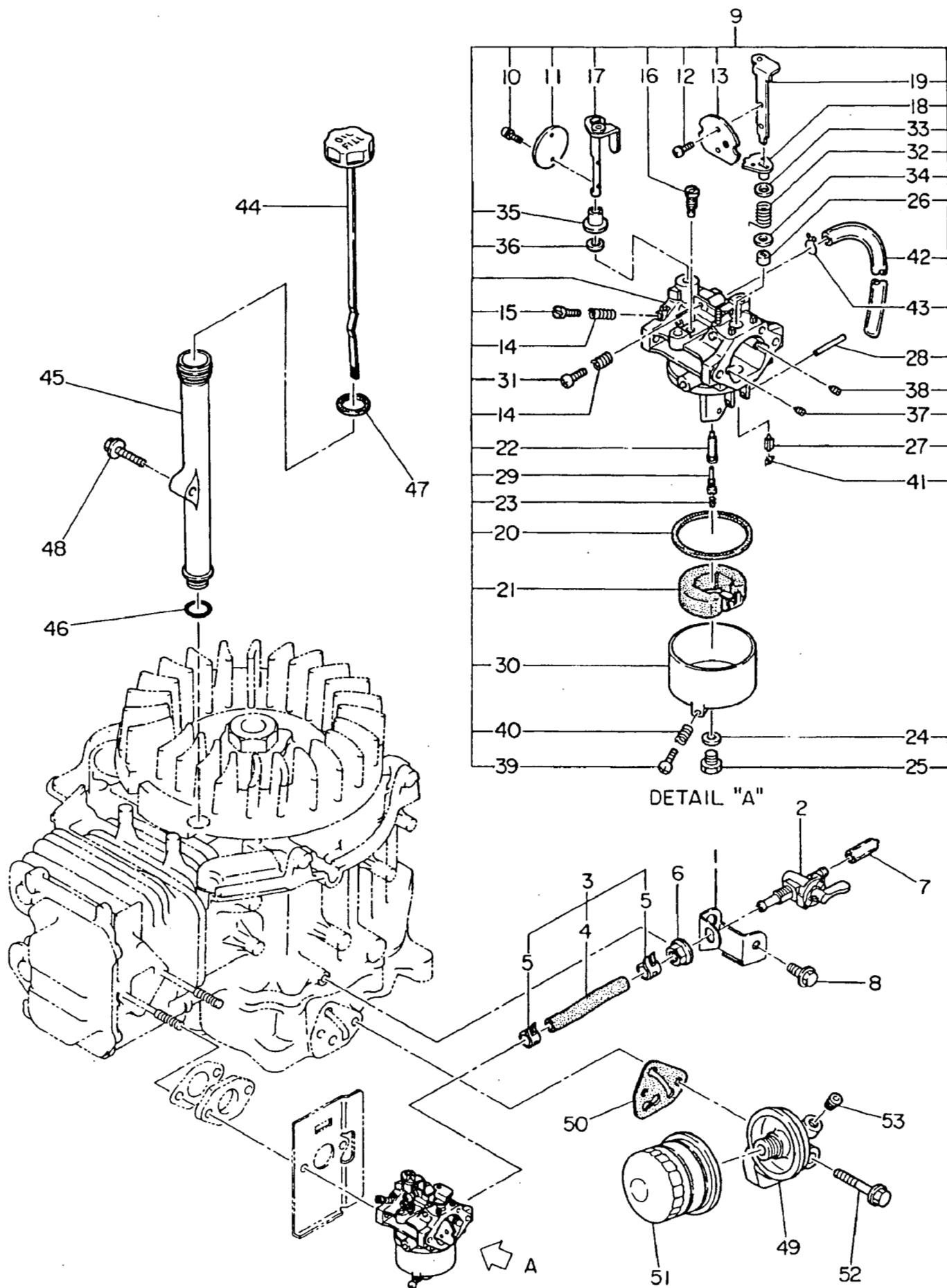
Governor

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2464230201	Governor lever (includes items 6-7)	1
2	EY2464220203	Governor shaft	1
3	EY2464250211	Governor spring	1
4	EY2464270211	Governor rod	1
5	EY2464280203	Rod spring	1
6	EY0011406250	Bolt and washer assembly	1
7	EY0186060020	Nut	1
8	EY0051108000	Snap pin	1
9	EY0031306000	Clip	1
10	EY2464270211	Choke rod	1
11	EY2464340110	Speed control assembly (includes items 12-19).....	1
12	EY2464330511	Speed control lever	1
13	EY2464380401	Choke lever	1
14	EY2464430411	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



Air Shroud and Recoil

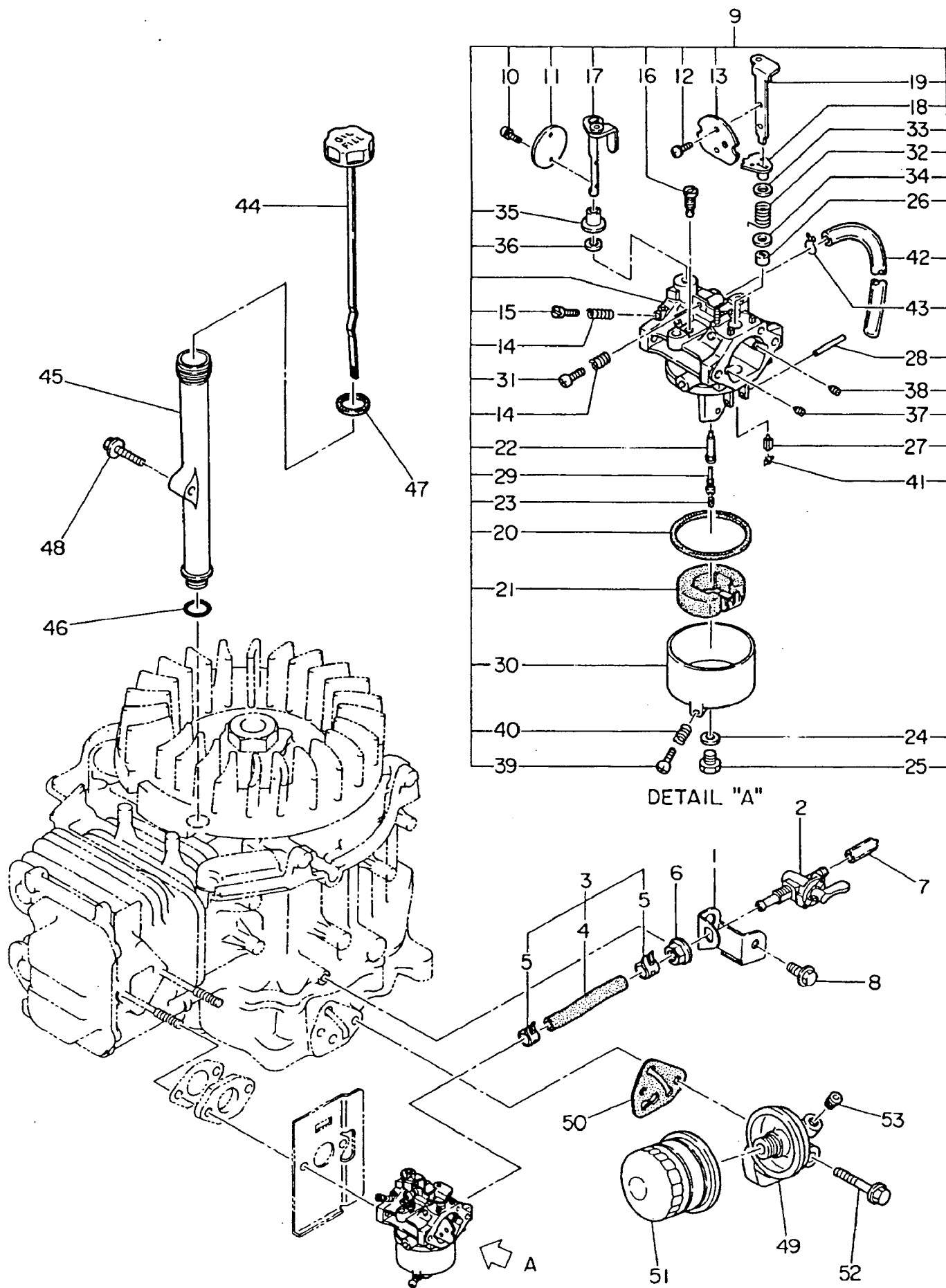
ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2465230101	Air shroud for WO1-300V (basic engine) (includes items 2-5)	1
—	EY2465220301	Air shroud for WO1-300V (with optional electric start) (includes items 2-5)	1
—	EY2475230101	Air shroud for WO1-340V (basic engine) (includes items 2-5)	1
—	EY2475220301	Air shroud for WO1-340V (with optional electric start) (includes items 2-5)	1
2	EY2469170203	Label, trade mark for WO1-300V	1
—	EY2479170203	Label, trade mark for WO1-340V	1
3	EY0732003410	Label, warning	1
4	EY2469510403	Label, spec. no. for WO1-300V (basic engine)	1
—	EY2469510303	Label, spec. no. for WO1-300V (with optional electric start) .	1
—	EY2479510403	Label, spec. no. for WO1-340V (basic engine)	1
—	EY2479510303	Label, spec. no. for WO1-340V (with optional electric start) .	1
5	EY0732003900	Label, warning	1
6	EY0110060010	Flange bolt	4
		Flange bolt with optional electric start	2
7	EY2465030100	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	—	Starter rope	1
20	EY2065010108	Starter knob	1
21	EY2465014508	Starter pulley	1
22	EY0016508120	Bolt	3
23	EY0110060010	Flange bolt	8
24	EY2465270302	Cylinder baffle	1
—	EY2465030107	Hardware kit, recoil (includes items 9, 11-17)	1



Fuel Tank and Carburetor

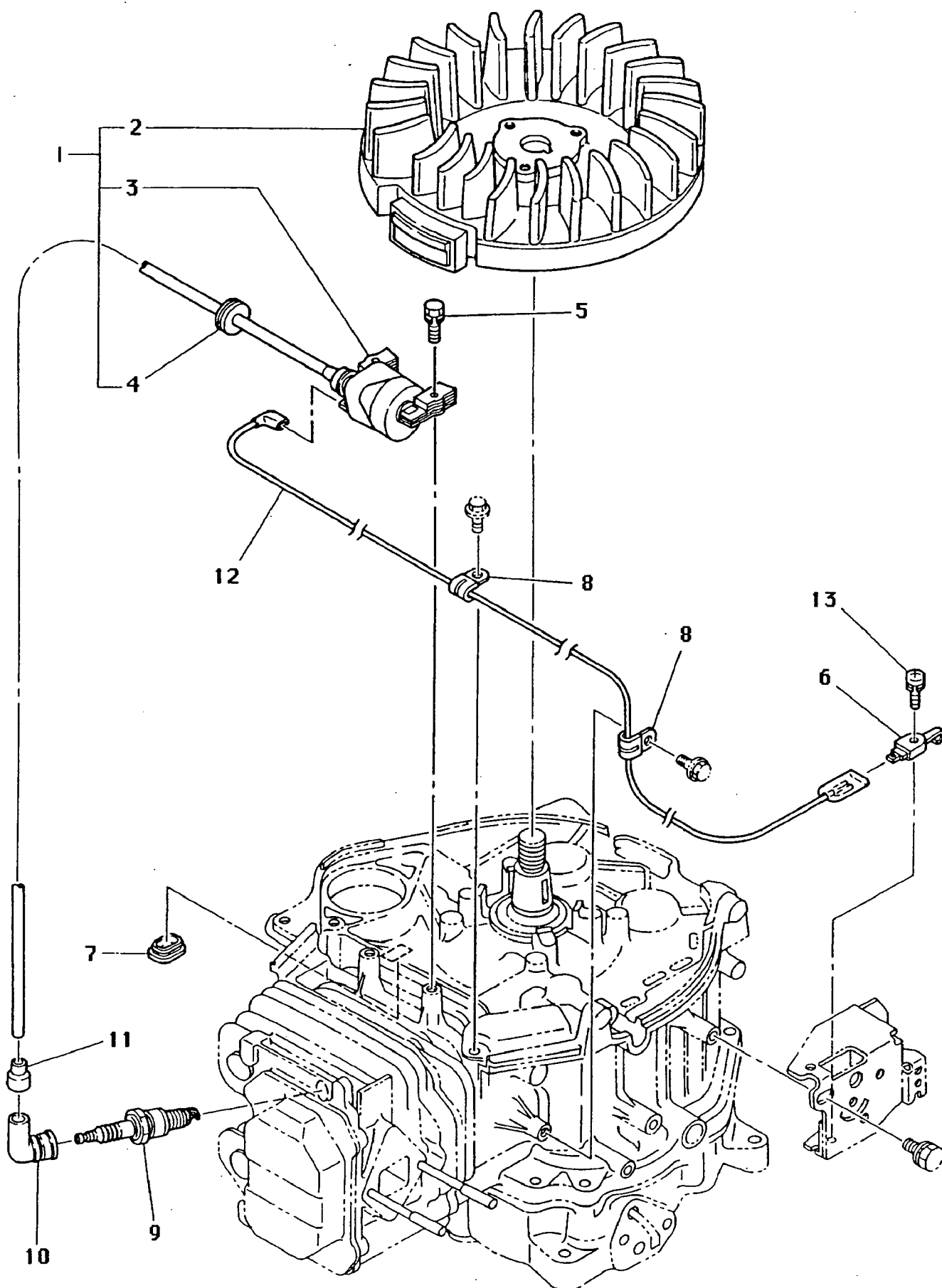
ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2466500101	Bracket, fuel gauge	1
2	EY2356460120	Fuel cock assembly	1
3	EY2266261701	Fuel pipe (includes items 4-5)	1
4	_____	Rubber hose	1
5	EY0561110020	Hose clamp	2
6	EY0023810000	Flange nut	1
7	EY0423060011	Cap, vinyl	1
8	EY0110060020	Flange bolt	1
9	EY2466240110	Carburetor assy. for WO1-300V (includes items 10-43)	1
—	EY2476240110	Carburetor assy. for WO1-340V (includes items 10-43)	1
10	EY2096235108	Screw	2
11	EY2076253508	Throttle valve	1
12	EY2346245008	Screw	2
13	EY2346252508	Choke valve	1
14	EY2096244508	Spring	2
15	EY2096230508	Adjuster	1
16	EY2166230308	Pilot jet (#47.5)	1
17	EY2476253008	Throttle shaft assembly	1
18	EY2396256008	Ring	1
19	EY2476252008	Choke lever	1
20	EY2066254008	Packing, float chamber	1
21	EY2346250508	Float assembly	1
22	EY2346244008	Main nozzle	1
23	EY2276240408	Main jet (#85) for WO1-300V	1
—	EY2276240508	Main jet (#87.5) for WO1-340V	1
24	EY2096234508	Packing	1
25	EY1506235808	Bolt	1
26	EY2266255008	Ring	1
27	EY2246230908	Needle valve	1
28	EY2146251508	Pin, float	1
29	EY2346242508	Pipe assembly	1
30	EY2346255208	Float body assembly	1
31	EY2246245208	Screw	1
32	EY2476244508	Spring	1

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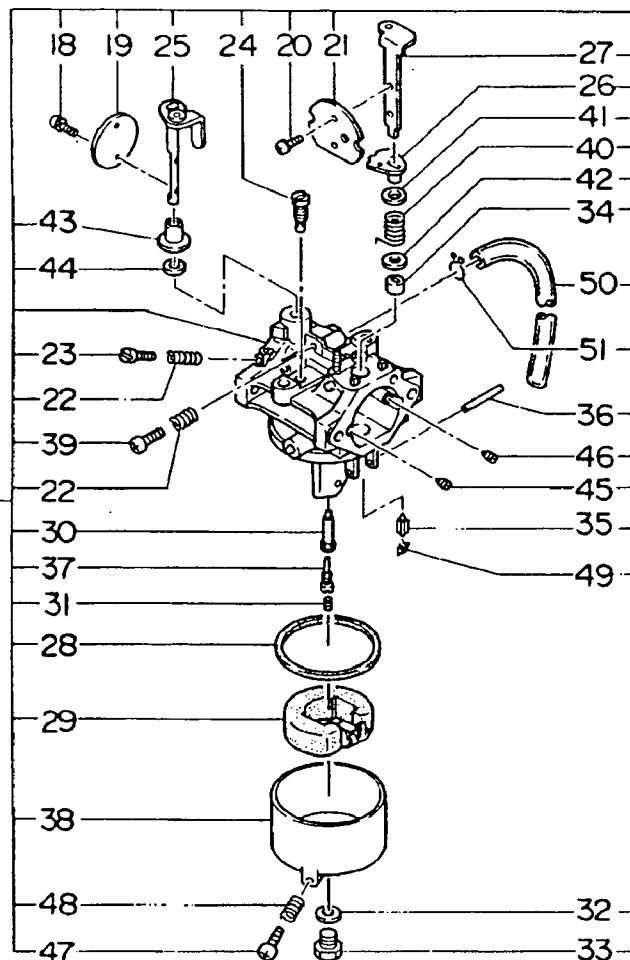
Fuel Tank and Carburetor (cont.)

ITEM	PART NO.	DESCRIPTION	QTY.
33	EY2476255008	Cap.....	1
34	EY2366268008	Seal.....	1
35	EY2476255108	Ring	1
36	EY1066239208	Seal.....	1
37	EY1116241208	Air jet	1
38	EY1116241308	Air jet	1
39	EY2246245008	Screw	1
40	EY2096244508	Spring	1
41	EY2246256808	Clip	1
42	EY2346245308	Hose, vinyl.....	1
43	EY2346245408	Clip	1
44	EY2466360501	Dipstick	1
45	EY2466370103	Oil filler tube	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	1
52	EY0110080090	Flange bolt	2
53	EY2351542103	Blind plug	1
—	EY2466240107	Carburetor repair kit for WO1-300V (includes items 10, 12, 14-16, 18, 23, 25-28, 31-41).....	1
—	EY2476240107	Carburetor repair kit for WO1-340V (includes items 10, 12, 14-16, 18, 23, 25-28, 31-41).....	1
—	EY2466240207	Carburetor gasket set (includes items 20, 24; also items 36-39 on page 10).....	1

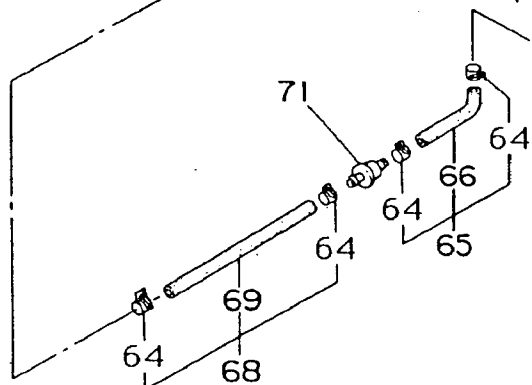
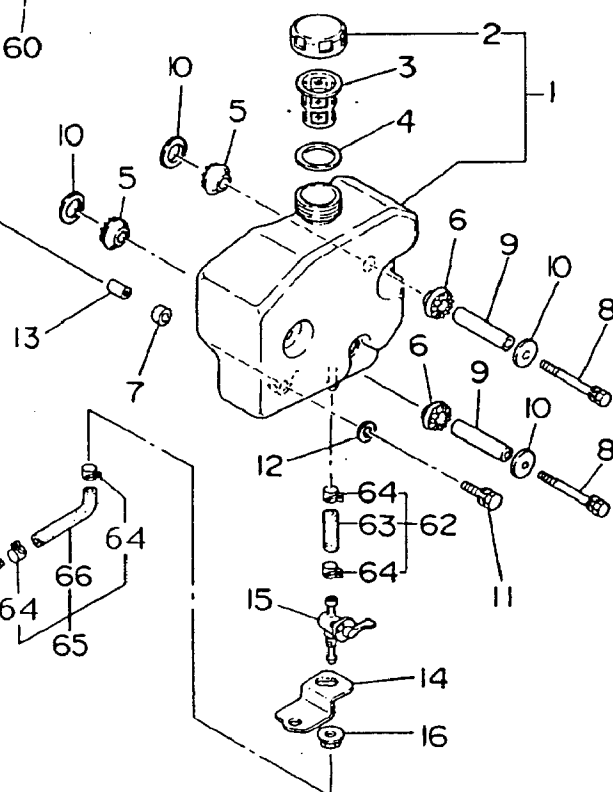
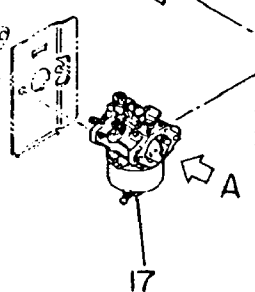
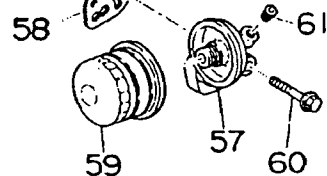
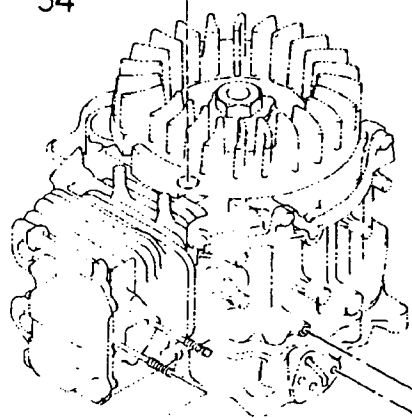
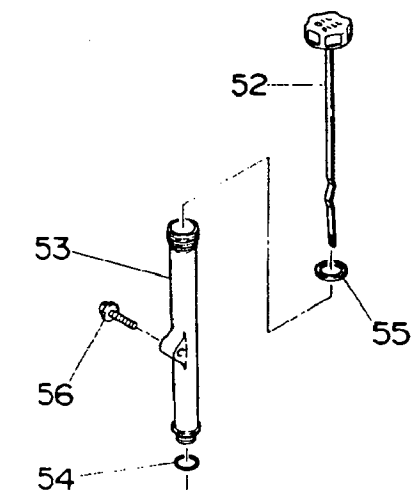


Electric Equipment Group

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2467025100	Magneto assembly (includes items 2-4)	1
2	EY2467022208	Flywheel	1
3	EY2467023208	Ignition coil	1
4	EY2467025008	Grommet	1
5	EY0011406300	Bolt and washer assembly	2
6	EY2267270611	Stop switch	1
7	EY2277550103	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	EY2467310201	Wire stop switch to coil	1
13	EY0043504120	Screw and washer assembly	1



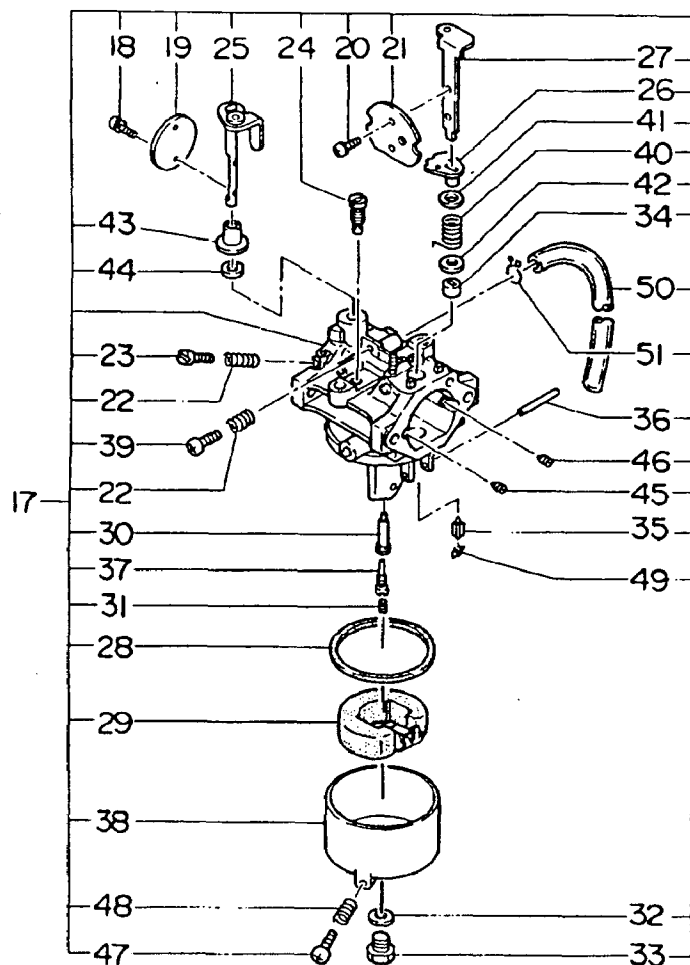
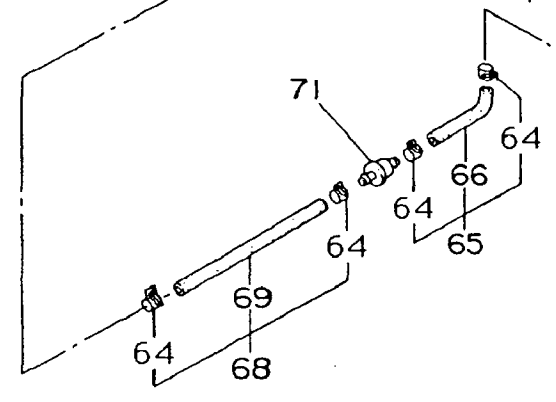
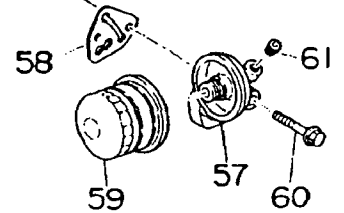
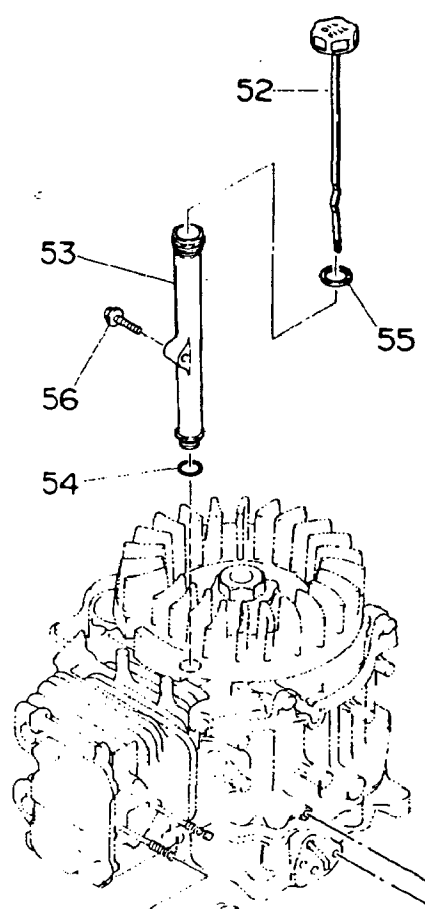
DETAIL "A"



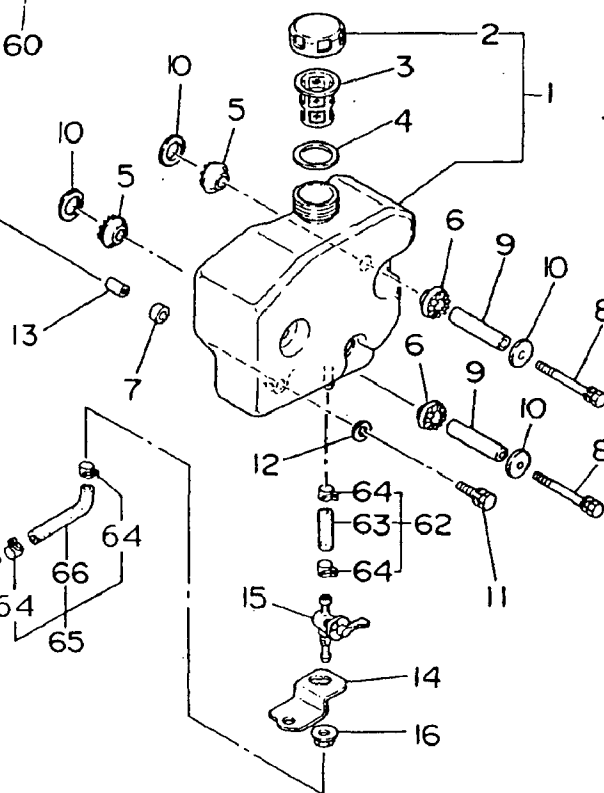
Optional Fuel Tank and Carburetor

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	EY2466510103	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	EY0011406350	Bolt and washer assembly	1
12	EY0200060070	Washer	1
13	EY0230060160	Spacer	1
14	EY2466500301	Bracket 2, fuel cock	1
15	EY2356460120	Fuel cock assembly	1
16	EY0023810000	Flange nut	1
17	EY2466240110	Carburetor assembly (includes items 18-51)	1
18	EY2096235108	Screw	2
19	EY2076253508	Throttle valve	1
20	EY2346245008	Screw	2
21	EY2346252508	Choke valve	1
22	EY2096244508	Spring	2
23	EY2096230508	Adjuster	1
24	EY2166230308	Pilot jet (#47.5)	1
25	EY2476253008	Throttle shaft assembly	1
26	EY2396256008	Ring	1
27	EY2476252008	Choke lever	1
28	EY2066254008	Packing	1
29	EY2346250508	Float assembly	1
30	EY2346244008	Main nozzle	1
31	EY2276240408	Main jet (#87.5)	1
32	EY2096234508	Packing	1
33	EY1506235808	Bolt	1
34	EY2266255008	Ring	1
35	EY2246230908	Needle assembly	1
36	EY2146251508	Pin, float	1

continued on page 24

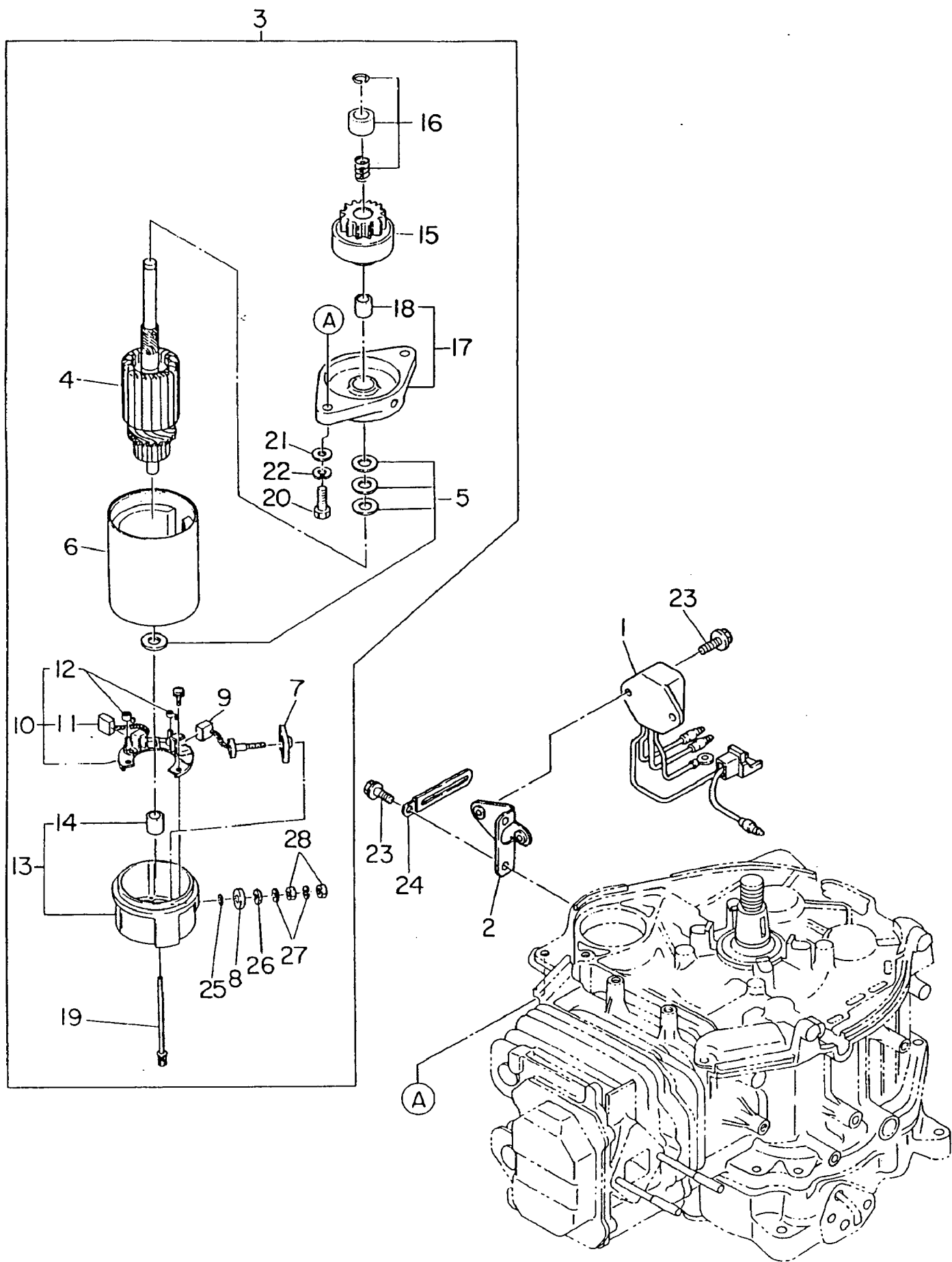


DETAIL "A"



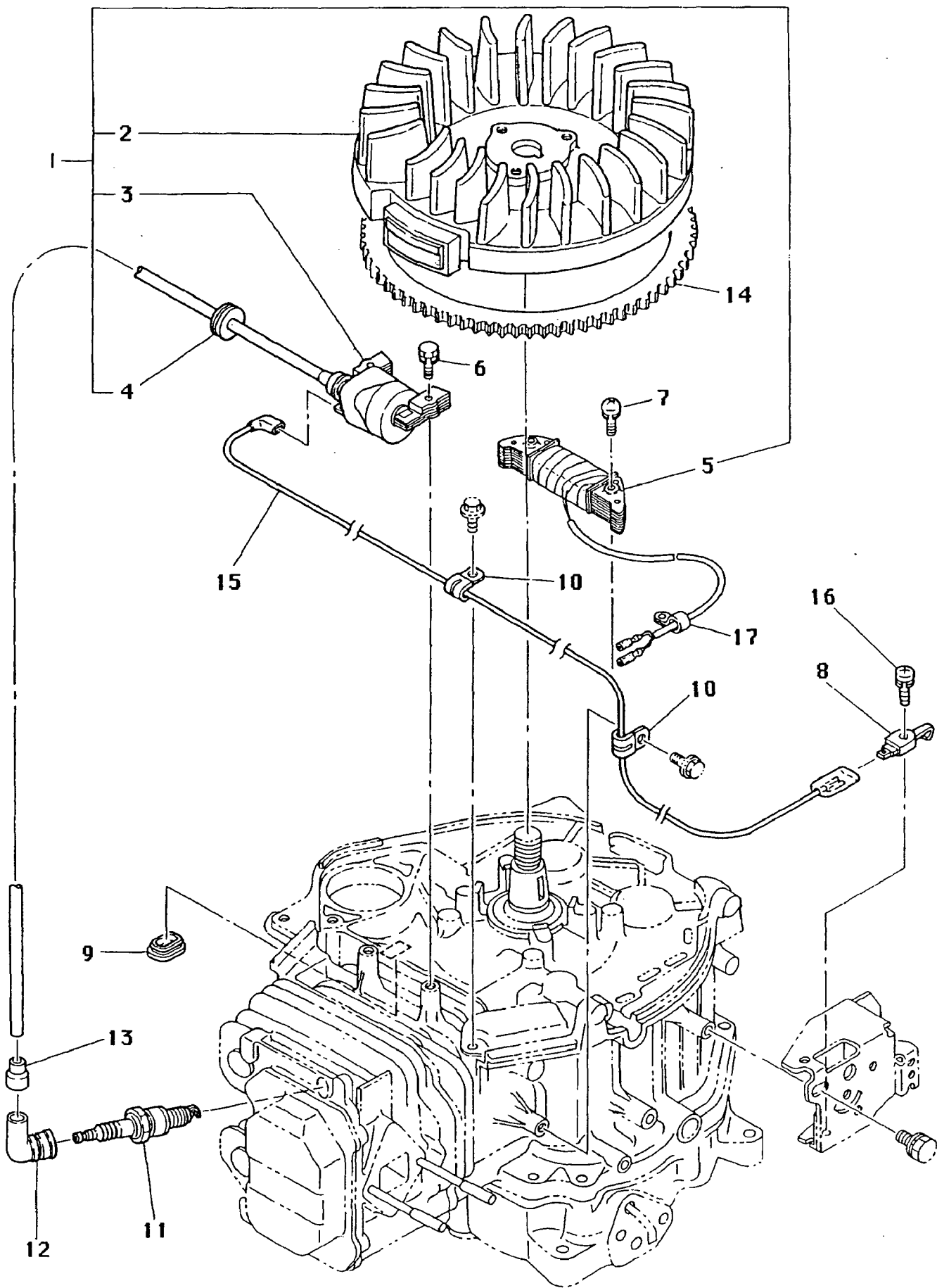
Optional Fuel Tank and Carburetor (cont.)

ITEM	PART NO.	DESCRIPTION	QTY.
37	EY2346242508	Pipe assembly.....	1
38	EY2346255208	Float body assembly	1
39	EY2246245208	Screw	1
40	EY2476244508	Spring	1
41	EY2476255008	Cap.....	1
42	EY2366268008	Seal.....	1
43	EY2476255108	Ring	1
44	EY1066239208	Seal.....	1
45	EY1116241208	Air jet	1
46	EY1116241308	Air jet	1
47	EY2246245008	Screw	1
48	EY2096244508	Spring	1
49	EY2246256808	Clip	1
50	EY2346245308	Hose, vinyl.....	1
51	EY2346245408	Clip	1
52	EY2466360501	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
61	EY2351542103	Blind plug	1
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 64 & 66)	1
66	EY2466260103	Rubber pipe (L=90, 4.5ø x 9ø)	1
68	EY2466260401	Fuel pipe 4 (includes items 64 & 69)	1
69	EY0851040170	Rubber pipe (L=150, 4.5ø x 9ø)	1
71	EY3586280101	Fuel filter	1



Optional Electric Starter

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2357140401	Diode rectifier	1
2	EY2467600201	Bracket, diode.....	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	Read 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	5
24	EY0566000250	Clamp	1
25	EY2357056708	"O" ring	1
26	EY0031106000	Washer	1
27	EY0032006000	Spring washer	2
28	EY0022706000	Nut	2



Electric Equipment Group (for Optional Electric Starter)

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2467025200	Magneto assembly (includes items 2-5)	1
2	EY2467022408	Flywheel.....	1
3	EY2467023208	Ignition coil.....	1
4	EY2467025008	Grommet.....	1
5	EY2467024108	Charge coil.....	2
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