

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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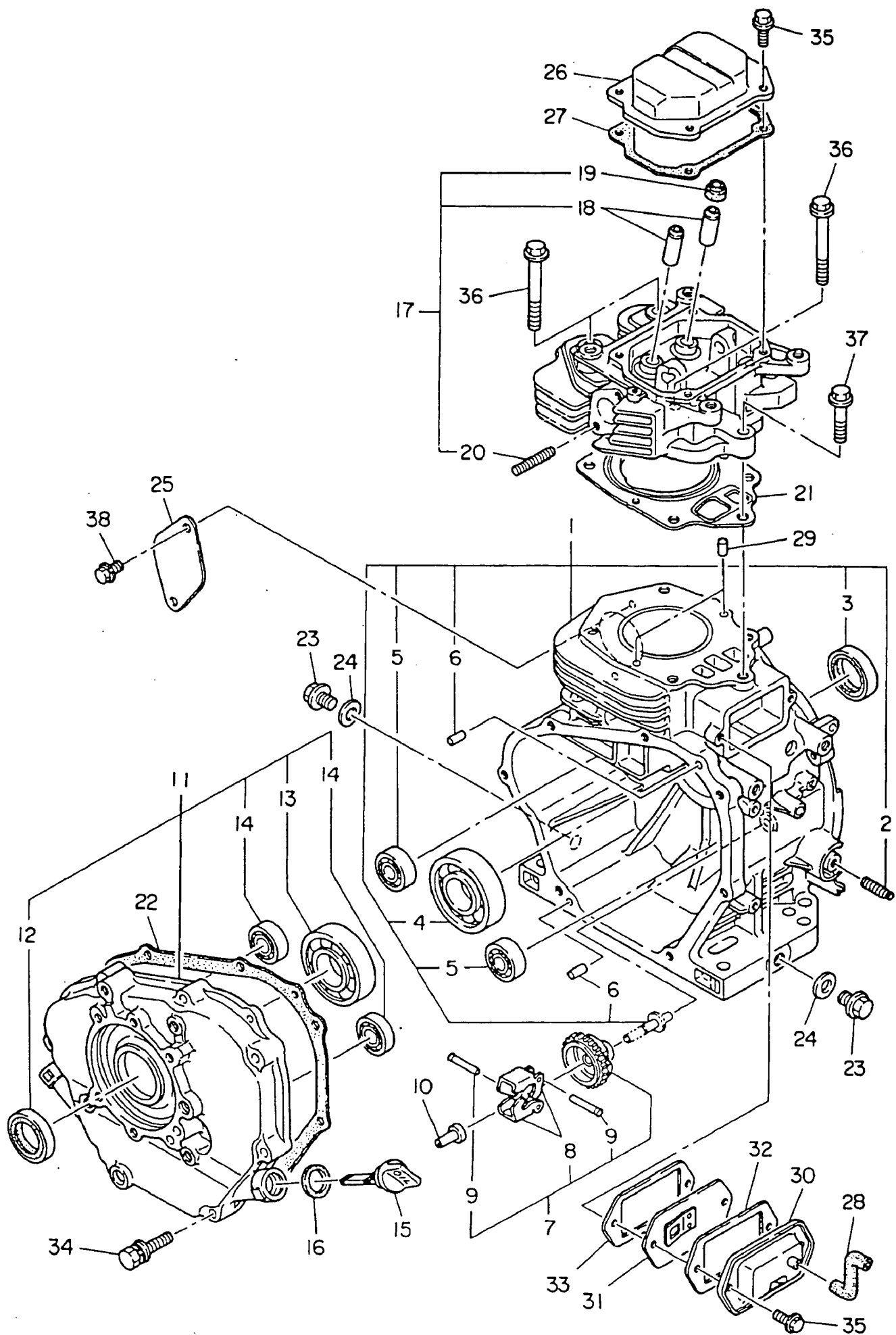
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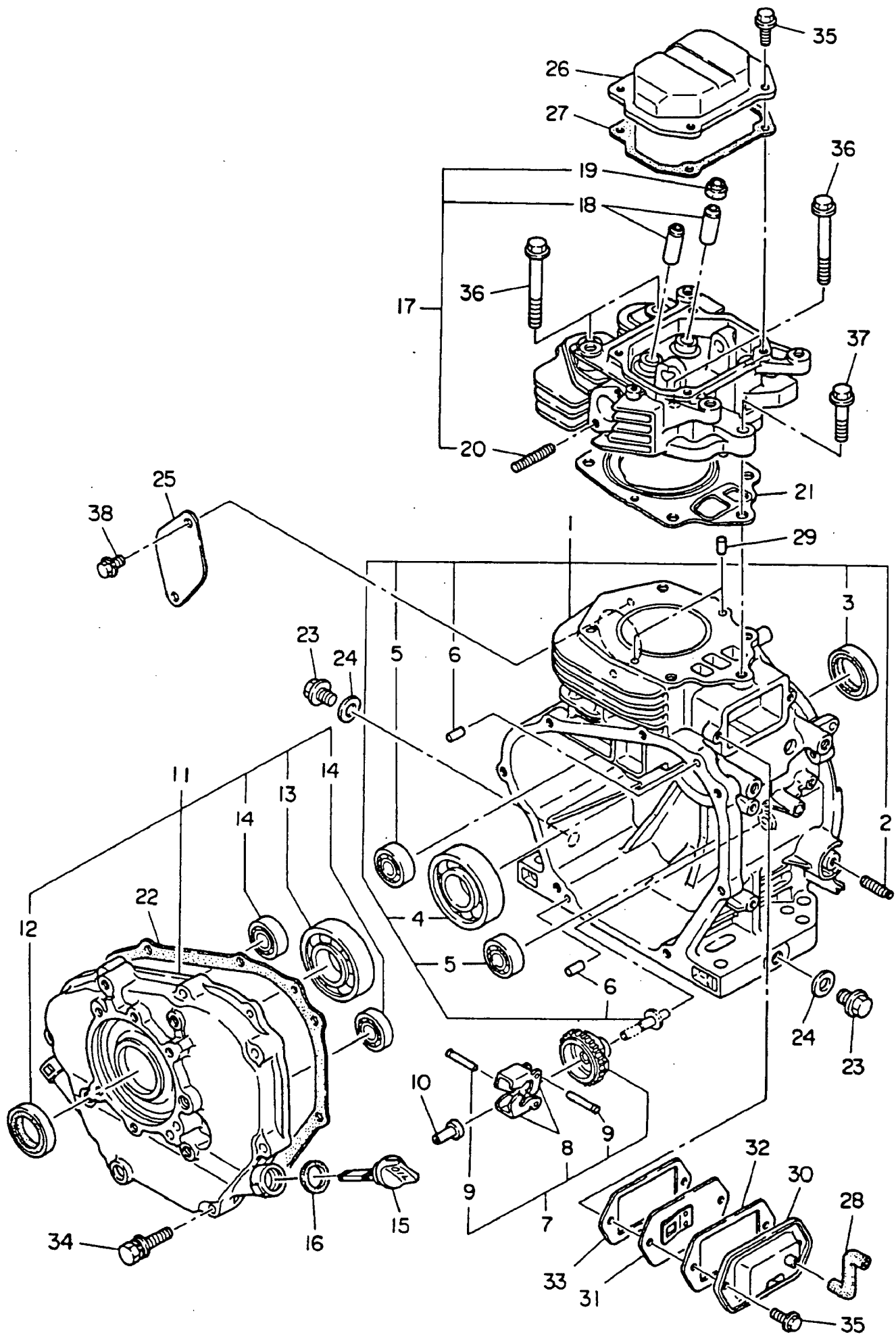
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Crankcase and Related Parts

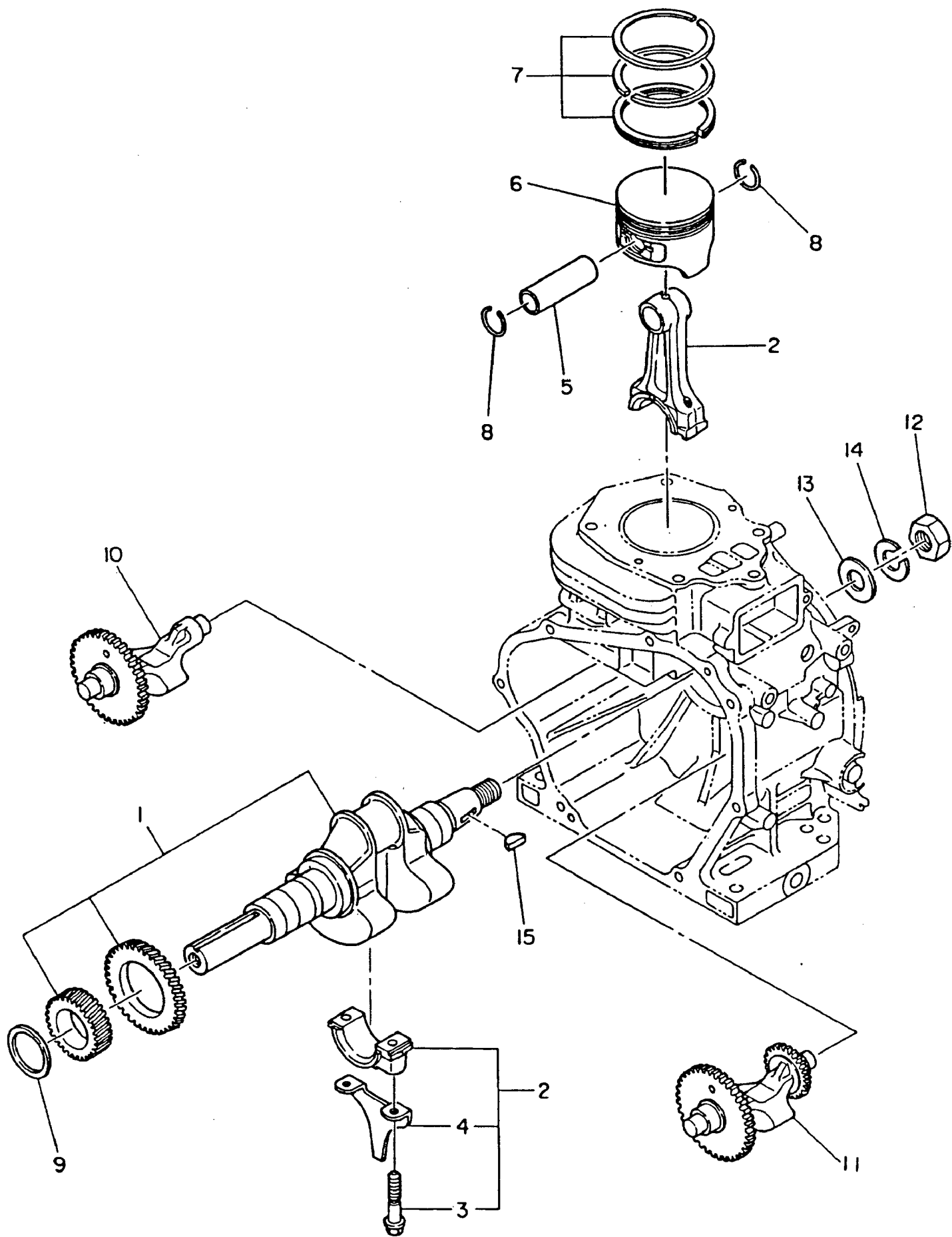
ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2461010101	Crankcase for WO1-300 (includes items 2-6)	1
—	EY2471010101	Crankcase for WO1-340 (includes items 2-6)	1
2	EY2394310113	Stud, speed control	1
3	EY0440350090	Oil seal, crankcase	1
4	EY0600350010	Ball bearing, crankcase	1
5	EY0600150010	Ball bearing, crankcase	2
6	EY0310060020	Dowel pin	2
7	EY2464500101	Governor gear (includes items 8-9).....	1
8	EY2464160103	Flyweight	2
9	EY0307300070	Pin	2
10	EY2054190103	Governor sleeve	1
11	EY2461100201	Gear cover (includes items 12-14)	1
12	EY0440350090	Oil seal, gear cover	1
13	EY0600350010	Ball bearing, gear cover	1
14	EY0600150010	Ball bearing, gear cover	2
15	EY2246360103	Dipstick	2
16	EY0213200010	Gasket, dipstick	2
17	EY2461300111	Cylinder head for WO1-300 (includes items 18-20)	1
—	EY2471300111	Cylinder head for WO1-340 (includes items 18-20)	1
18	EY2461420203	Valve guide (over size)	2
19	EY2391630203	Oil seal, cylinder head	1
20	EY0105080430	Stud	2
21	EY2461500103	Gasket, cylinder head for WO1-300	1
—	EY2471500103	Gasket, cylinder head for WO1-340	1
22	EY2461510103	Gasket, gear cover	1
23	EY0401140030	Plug, oil drain	2
24	EY0211140020	Gasket, oil drain plug	2
25	EY2241710103	Cover	1
26	EY2461550102	Rocker cover	1
27	EY2461600203	Gasket, rocker cover	1
28	EY2461080103	Hose, breather	1
29	EY0310060020	Dowel pin	2
30	EY2461430101	Breather cover	1
31	EY2461440101	Breather plate	1

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Crankcase and Related Parts (cont.)

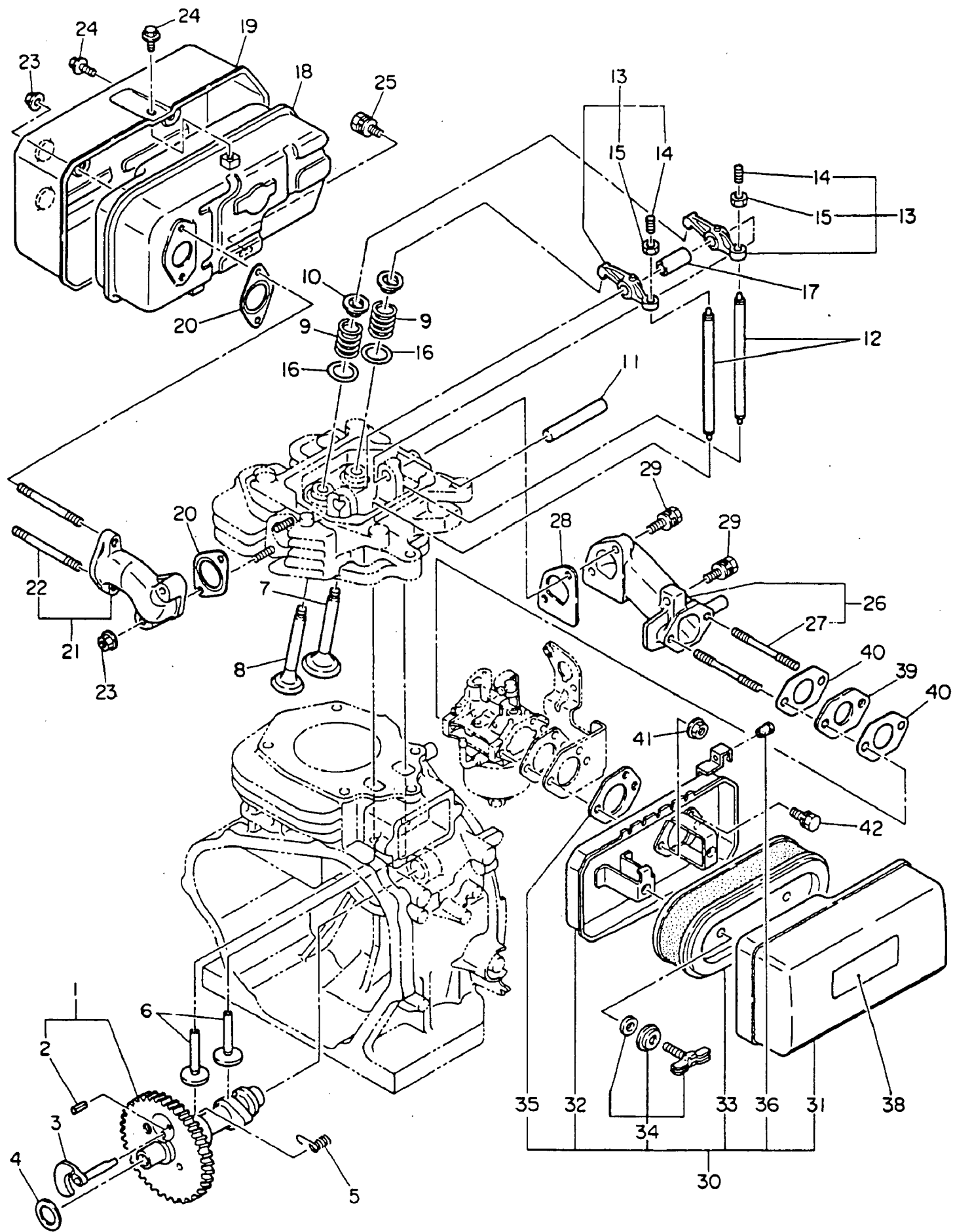
ITEM	PART NO.	DESCRIPTION	QTY.
32	EY2461600603	Gasket, breather cover	1
33	EY2461600703	Gasket, breather plate	1
34	EY0011308400	Bolt and washer assembly	7
35	EY0110060020	Flange bolt	6
36	EY0110100040	Flange bolt	4
37	EY0110100020	Flange bolt	1
38	EY0011308120	Bolt and washer assembly	2
—	EY2469900207	Gasket Set for WO1-300 (includes items 16, 21, 24, 27, 32-33; plus items 20, 28, 40 from pages 8-10)	1
—	EY2479900207	Gasket Set for WO1-340 (includes items 16, 21, 24, 27, 32-33; plus items 20, 28, 40 from pages 8-10)	1



Crankshaft and Piston

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2462090101	Crankshaft	1
2	EY2462250100	Connecting rod assembly (includes items 3-4)	1
3	EY2462300103	Connecting rod bolt	2
4	EY2462310103	Oil Scraper	1
5	EY2462330103	Piston pin	1
6	EY2462340103	Piston (std.) for WO1-300	1
—	EY2472340103	Piston (std.) for WO1-340	1
—	EY2462340203	Piston, 0.010" (0.25mm) O/S for WO1-300	1
—	EY2472340203	Piston, 0.010" (0.25mm) O/S for WO1-340	1
—	EY2462340303	Piston, 0.020" (0.50mm) O/S for WO1-300	1
—	EY2472340303	Piston, 0.020" (0.50mm) O/S for WO1-340	1
7	EY2462350107	Piston ring set (std.) for WO1-300	1
—	EY2472350107	Piston ring set (std.) for WO1-340	1
—	EY2462350207	Piston ring set, 0.010" (0.25mm) O/S for WO1-300	1
—	EY2472350207	Piston ring set, 0.010" (0.25mm) O/S for WO1-340	1
—	EY2462350307	Piston ring set, 0.020" (0.50mm) O/S for WO1-300	1
—	EY2472350307	Piston ring set, 0.020" (0.50mm) O/S for WO1-340	1
8	EY0565210020	Clip	2
9	* EY0230350160	Spacer, crankshaft, 0.024" (0.6mm)	1
—	* EY0230350170	Spacer, crankshaft, 0.031" (0.8mm)	1
—	* EY0230350180	Spacer, crankshaft, 0.039" (1.0mm)	1
10	EY2462410103	Balancer shaft for WO1-300	1
—	EY2472410103	Balancer shaft for WO1-340	1
11	EY2462410203	Balancer shaft for WO1-300	1
—	EY2472410103	Balancer shaft for WO1-340	1
12	EY0021818000	Nut	1
13	EY0031018000	Washer	1
14	EY0032018000	Spring washer	1
15	EY0053205401	Woodruff key	1

* Select only one.

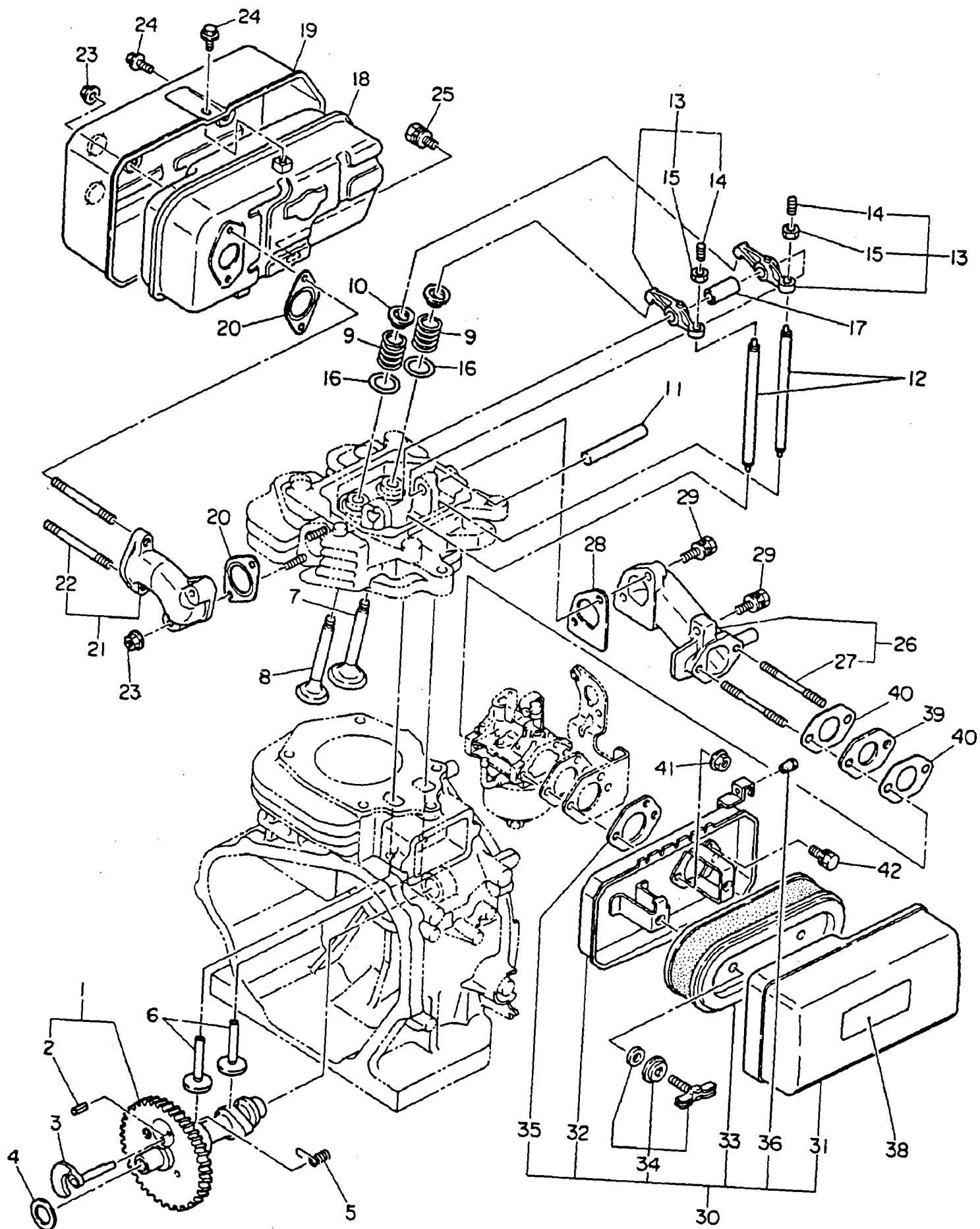


Intake and Exhaust

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2463170101	Camshaft (includes item 2)	1
2	EY0051904100	Spring pin	1
3	EY2463620101	Decompression lever	1
4	* EY0230220050	Spacer, camshaft, 0.024" (0.6mm)	1
—	* EY0230220060	Spacer, camshaft, 0.031" (0.8mm)	1
—	* EY0230220070	Spacer, camshaft, 0.039" (0.7mm)	1
5	EY2463670103	Return spring	1
6	EY2463330103	Tappet	2
7	EY2463340103	Intake valve	1
8	EY2463350103	Exhaust valve	1
9	EY2463360103	Valve spring	2
10	EY2463370103	Spring retainer	2
11	EY2393500103	Rocker shaft	1
12	EY2463530101	Push rod	2
13	EY2463610100	Rocker arm assembly (includes items 14-15).....	2
14	EY0149080020	Adjusting screw	2
15	EY0170080090	Nut	2
16	EY0200200010	Washer	2
17	EY2463612003	Spacer	1
18	EY2463010101	Muffler	1
19	EY2463420101	Muffler cover	1
20	EY2463520103	Gasket, muffler	2
21	EY2463400101	Exhaust pipe (includes item 22)	1
22	EY0105080360	Stud	2
23	EY0180080010	Flange nut	4
24	EY0110060010	Flange bolt	4
25	EY0011008160	Bolt and washer assembly	1
26	EY2463300101	Intake pipe (includes item 27)	1
27	EY0105060230	Stud	2
28	EY2463600103	Gasket, intake pipe	1
29	EY0011308280	Bolt and washer assembly	3
30	EY2463260200	Air cleaner assembly (includes items 31-36)	1

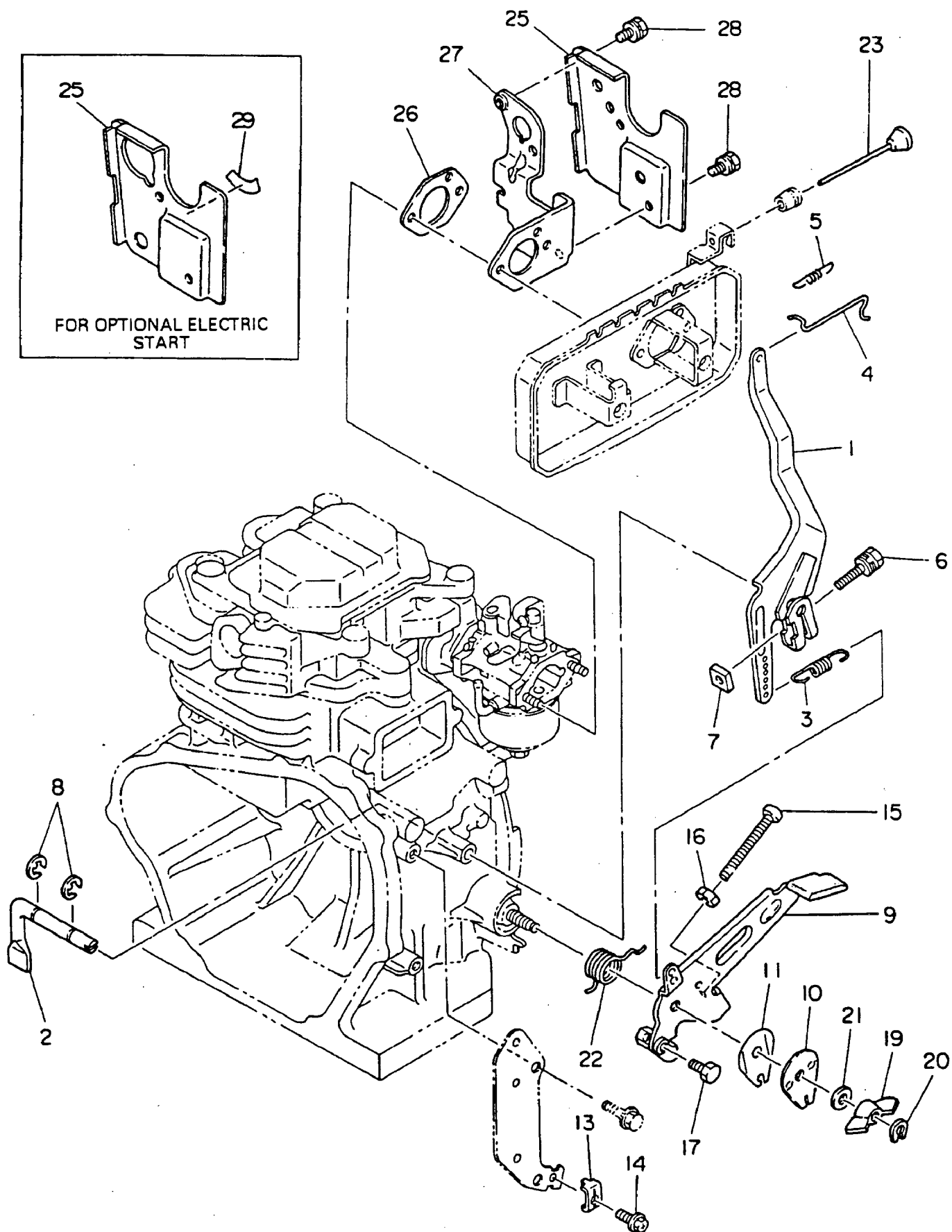
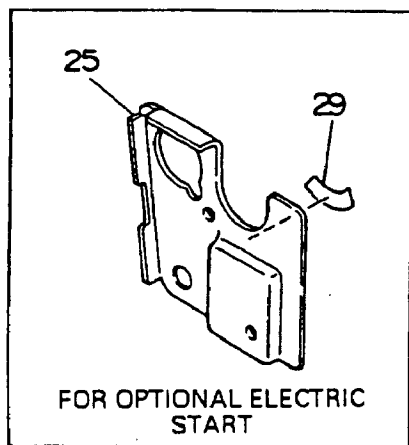
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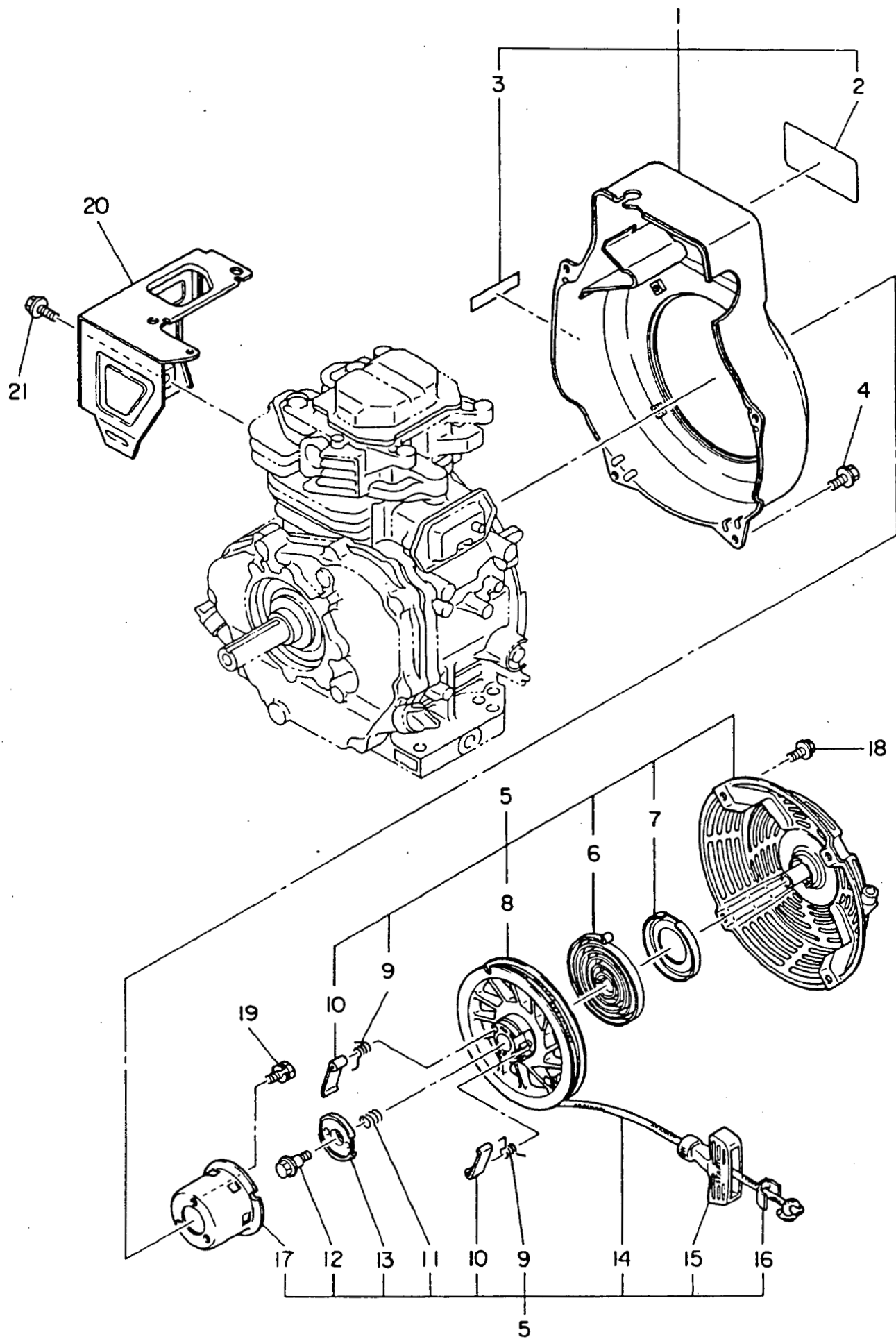
Intake and Exhaust (cont.)

ITEM	PART NO.	DESCRIPTION	QTY.
31	EY2463264008	Cover, air cleaner	1
32	EY2433262008	Cleaner base (includes item 36)	1
33	EY2463260107	Element set	1
34	EY2463265308	Wing bolt	2
35	EY2343600308	Packing	1
36	EY0241020010	Grommet	1
38	EY0732004020	Label, air cleaner	1
39	EY2463290103	Insulator	1
40	EY2343590203	Gasket, insulator	2
41	EY0023806000	Flange nut	2
42	EY0011006120	Bolt and washer assembly	1



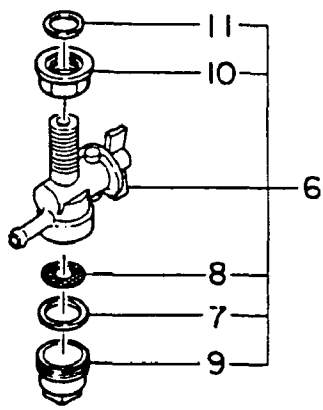
Governor, Operation Group

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2464230101	Governor lever	1
2	EY2464220103	Governor shaft	1
3	EY2464250111	Governor spring	1
4	EY2344270101	Governor rod	1
5	EY2464280101	Rod spring	1
6	EY0011406250	Bolt and washer assembly	1
7	EY0186060020	Nut	1
8	EY0031306000	Clip	2
9	EY2464330301	Speed control	1
10	EY2394350101	Stop plate	1
11	EY2394500203	Spring washer	1
13	EY2354390101	Clamp	1
14	EY0043605160	Screw and washer assembly	1
15	EY0043105350	Screw, pan head	1
16	EY0022705000	Nut	1
17	EY0116040010	Bolt	1
19	EY0179080012	Wing nut	1
20	EY0565040010	Clip	1
21	EY0031008000	Washer	1
22	EY2464520111	Return spring	1
23	EY2464500601	Choke knob	1
25	EY2464010211	Control panel (for basic engine)	1
—	EY2464040201	Control panel (for optional electric start; includes item 29) ...	1
26	EY2343600303	Gasket, air cleaner	1
27	EY2464020111	Bracket, panel	1
28	EY0011605100	Bolt and washer assembly	2
29	EY0732003970	Label, starter switch (for optional electric start)	1

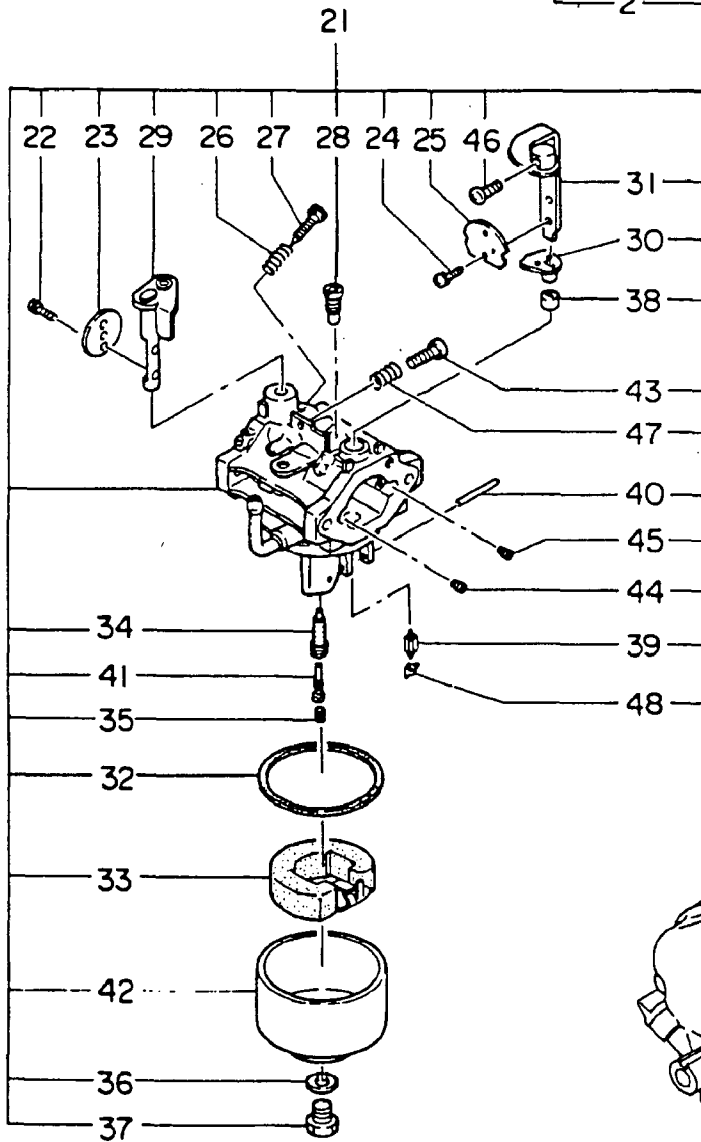
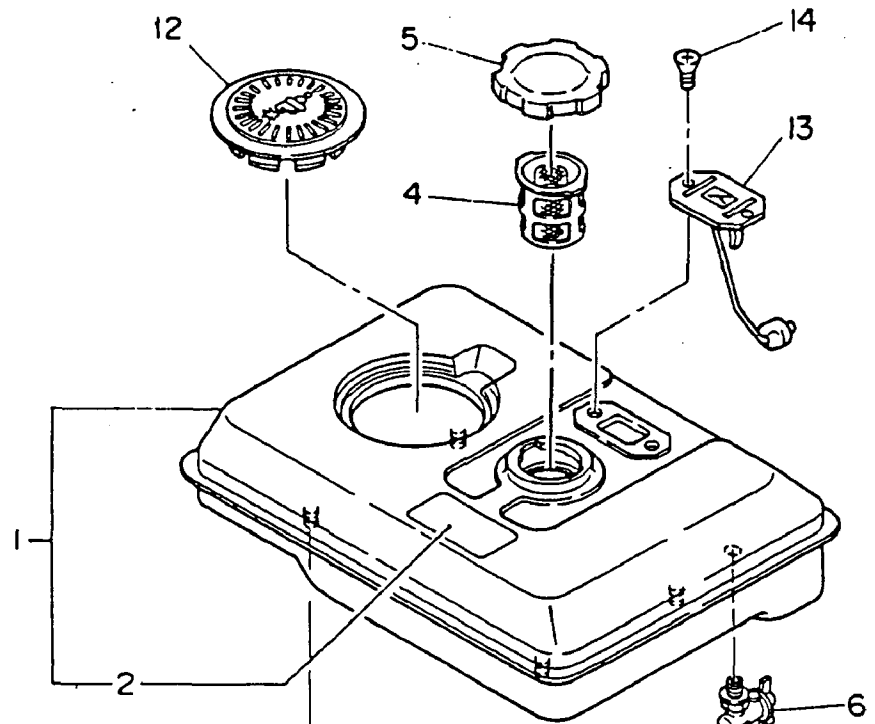


Air Shroud and Recoil

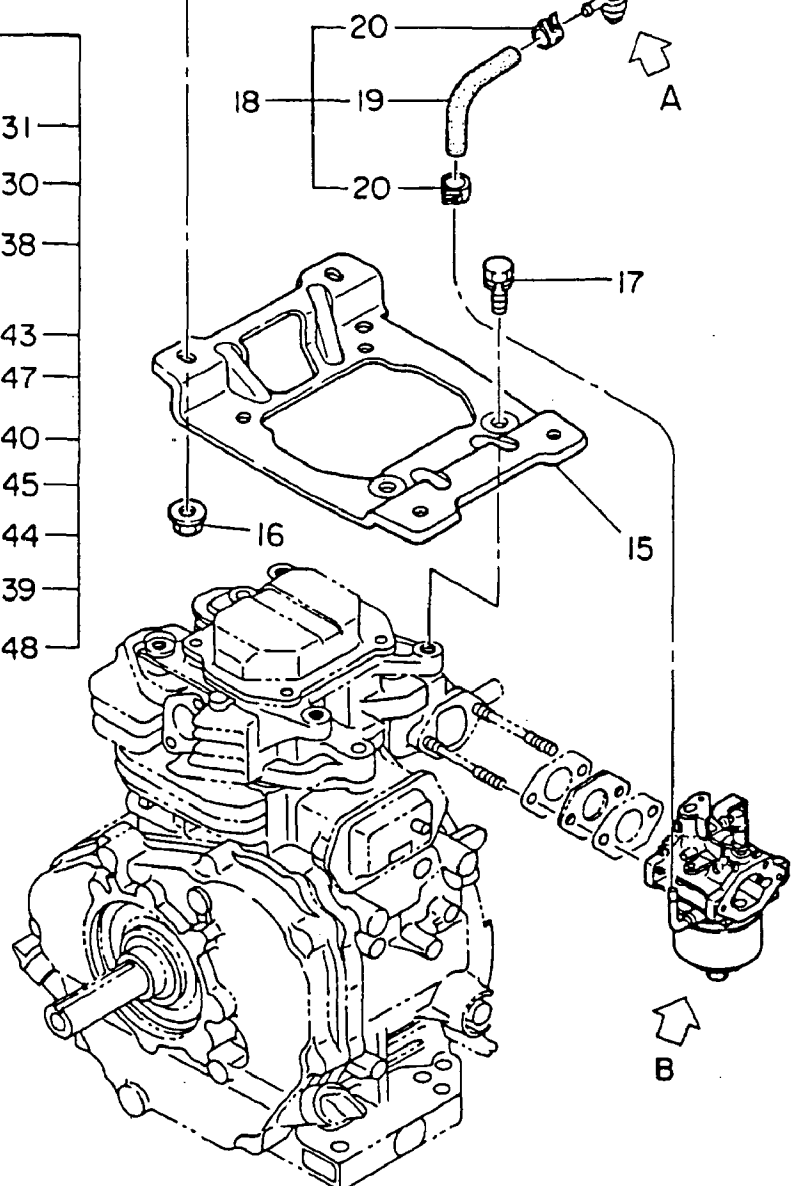
ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2465170201	Air shroud (includes items 2-3) for WO1-300	1
—	EY2475170201	Air shroud (includes items 2-3) for WO1-340	1
2	EY2469170203	Label, trade mark for WO1-300	1
—	EY2479170203	Label, trade mark for WO1-340	1
3	EY2469500103	Label, spec. no. for WO1-300	1
—	EY2479500203	Label, spec. no. for WO1-340	1
4	EY0110060010	Flange bolt	4
5	EY2465020100	Recoil starter assembly (includes items 6-17)	1
6	EY2265071508	Spiral spring	1
7	EY2465076008	Spring keeper	1
8	EY2465072008	Reel	1
9	EY2265075208	Ratchet spring	2
10	EY2465072508	Ratchet	2
11	EY2265073008	Friction spring	1
12	EY2265075108	Center screw	1
13	EY2465074008	Friction plate	1
14	EY2465070507	Starter rope	1
15	EY2465070008	Starter handle	1
16	EY2265075008	Starter handle cap	1
17	EY2465074508	Starter pulley	1
18	EY0110060010	Flange bolt	4
19	EY0011006140	Bolt and washer assembly	3
20	EY2465270102	Cylinder baffle	1
21	EY0110060010	Flange bolt	1
—	EY2465020107	Hardware set recoil (includes items 9-13)	1



DETAIL "A"



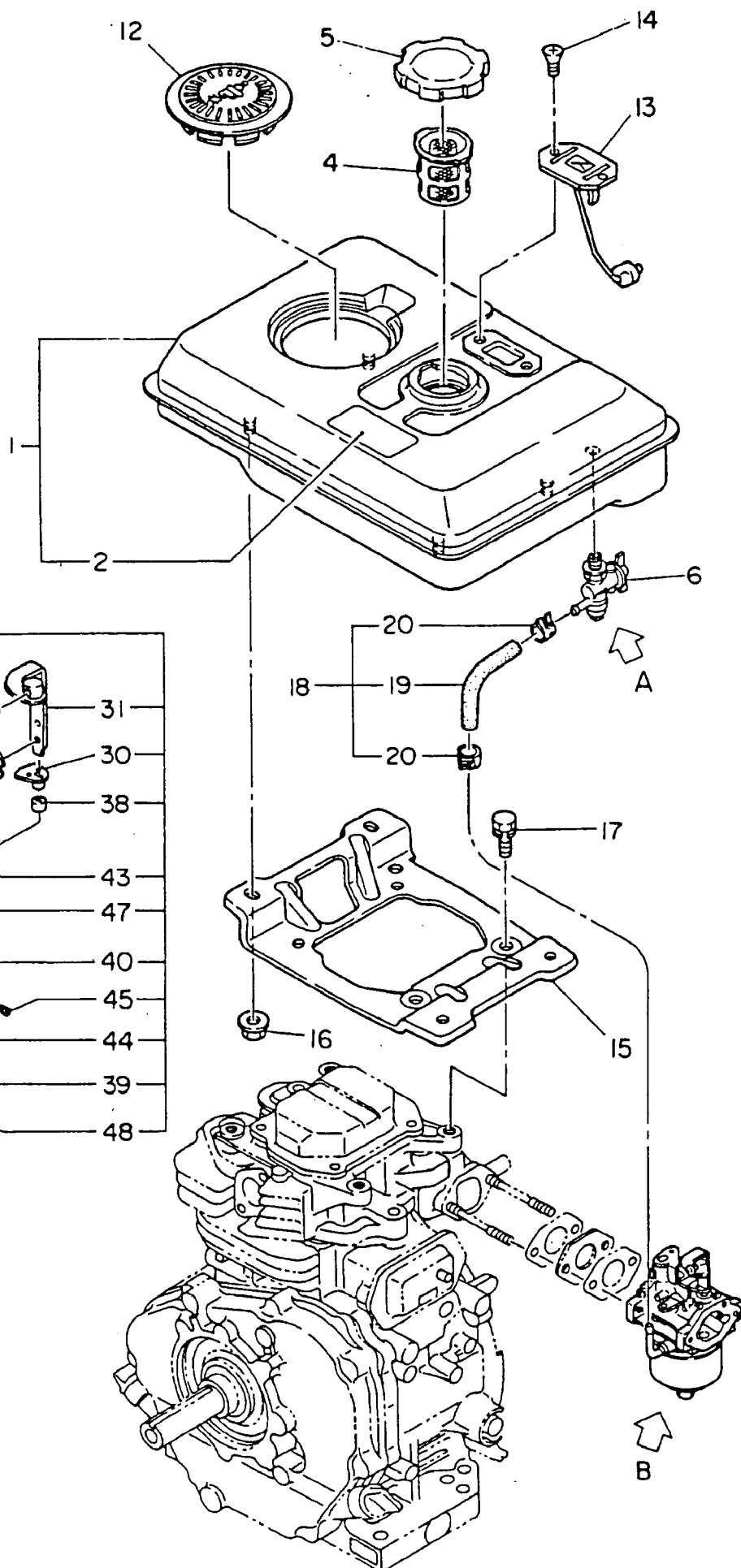
DETAIL "B"



Fuel Tank and Carburetor

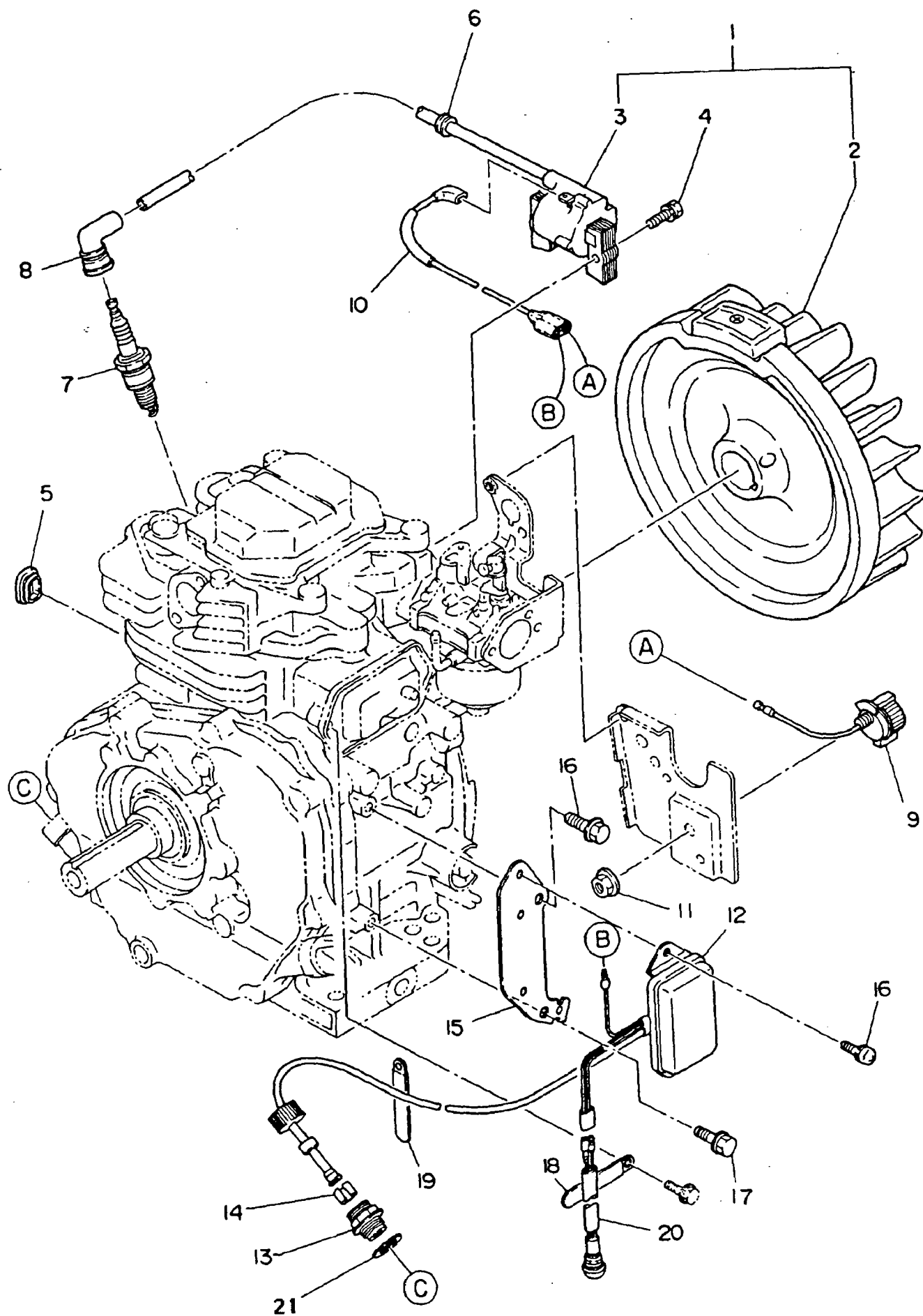
ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2466080121	Fuel tank (includes item 2)	1
2	EY0732003900	Label, warning	1
4	EY0641360010	Fuel filter	1
5	EY0430430015	Fuel tank cap	1
6	EY2466210110	Fuel strainer assembly (includes items 7-11).....	1
7	EY0642006410	Packing	1
8	EY0642006420	Filter	1
9	EY0642004210	Cup	1
10	EY0642006430	Nut	1
11	EY0642006440	Packing	1
12	EY2276600103	Plug cover	1
13	EY0648000100	Fuel gauge	1
14	EY0145050040	Screw, counter head	2
15	EY2466160101	Fuel tank bracket	1
16	EY0023808000	Flange nut	4
17	EY0011310200	Bolt and washer assembly	4
18	EY2246261101	Hose, fuel strainer (includes items 19-20)	1
19	EY0851060000	Rubber hose (0.1m, 6ø x 12ø)	1
20	EY0561110020	Hose clamp	2
21	EY2466230110	Carburetor assembly for WO1-300 (includes items 22-48)	1
—	EY2476230110	Carburetor assembly for WO1-340 (includes items 22-48)	1
22	EY2096235108	Screw	2
23	EY2466253508	Throttle valve	1
24	EY2346245008	Screw	2
25	EY2346252508	Choke valve	1
26	EY2096244508	Spring	1
27	EY2096230508	Pilot screw	1
28	EY2076242008	Pilot jet	1
29	EY2466253008	Throttle shaft assembly	1
30	EY2346255008	Ring, choke	1
31	EY2466252008	Choke lever	1
32	EY2066254008	Chamber packing	1
33	EY2346250508	Float assembly	1

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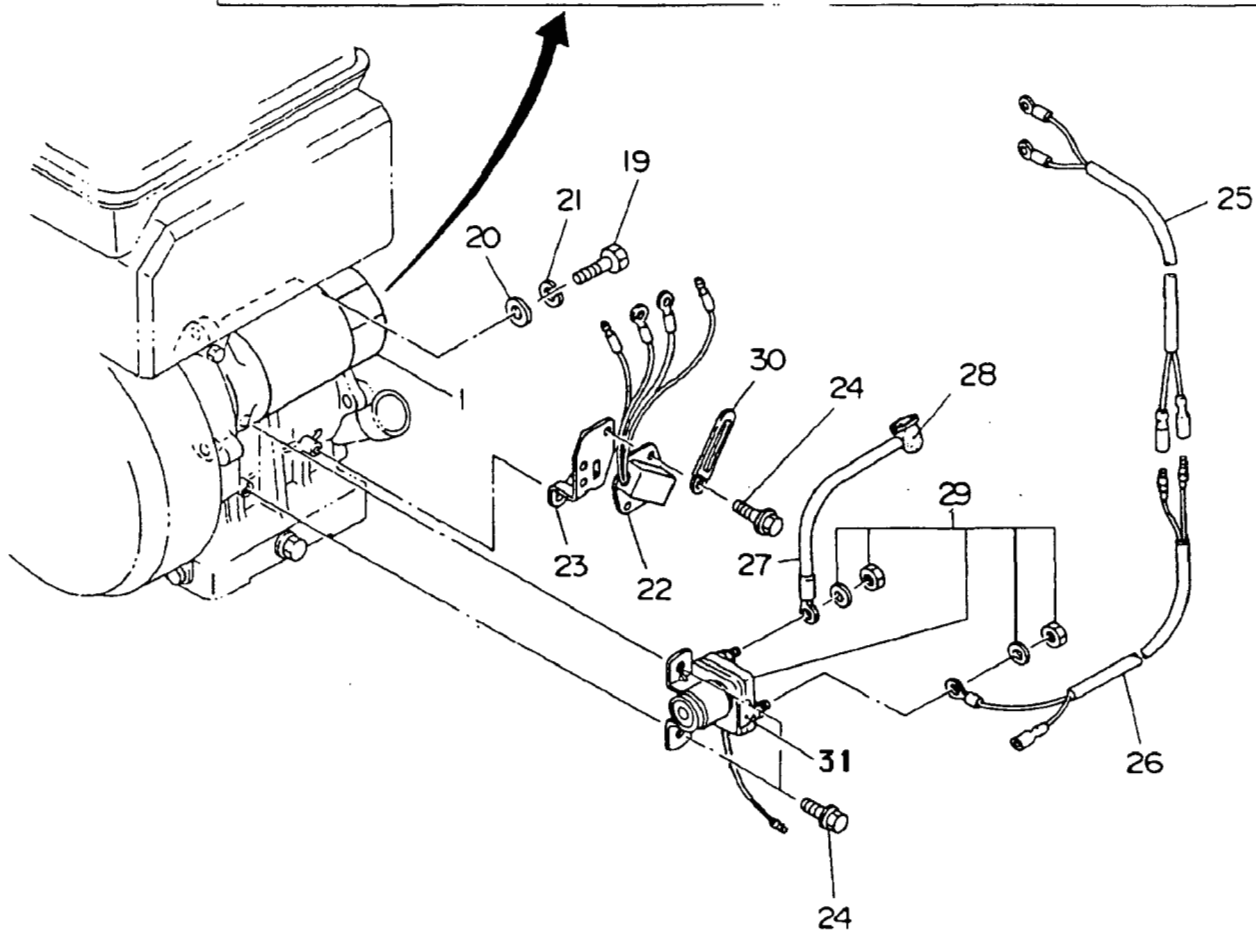
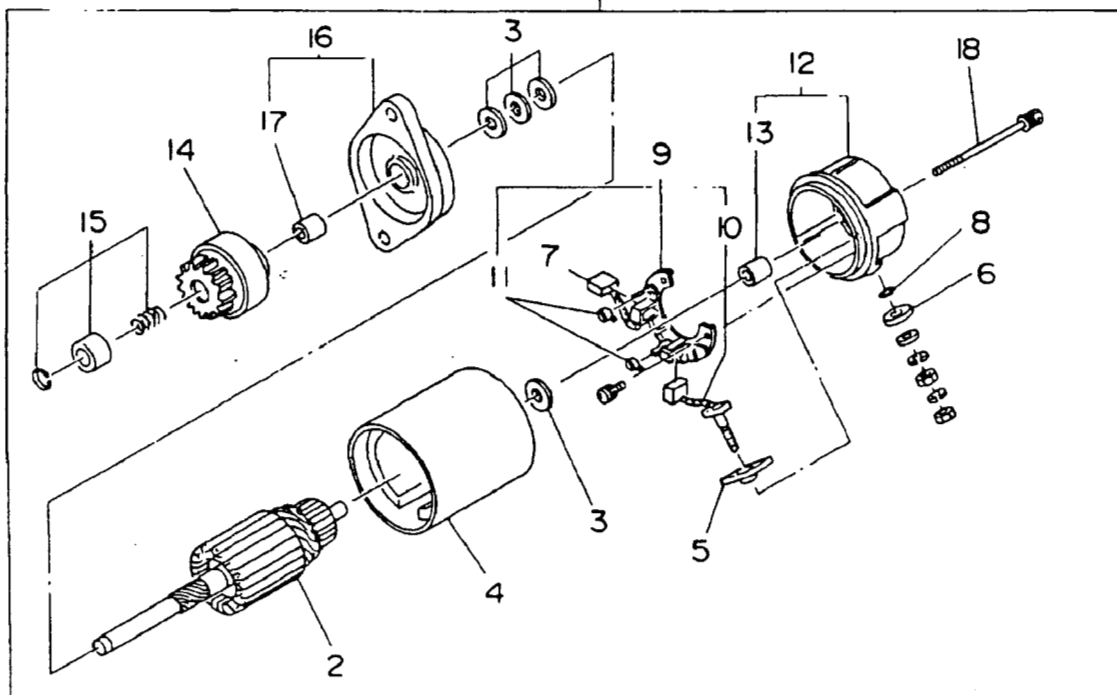
Fuel Tank and Carburetor (cont.)

ITEM	PART NO.	DESCRIPTION	QTY.
34	EY2466244008	Main nozzle	1
35	EY2346240108	Main jet (#97.5).....	1
36	EY2096234508	Washer	1
37	EY1296235108	Bolt	1
38	EY2266255008	Ring	1
39	EY2246230908	Needle assembly	1
40	EY2146251508	Pin	1
41	EY2466242508	Guide holder	1
42	EY2246255008	Float chamber body	1
43	EY2396243508	Screw	1
44	EY1066241108	Air jet, main	1
45	EY2466241008	Air jet	1
46	EY2426232308	Screw	1
47	EY2356244508	Spring, adjuster	1
48	EY2246256808	Clip	1
—	EY2466230107	Carburetor Repair Kit for WO1-300 (includes items 22, 24, 26-27, 35, 37-40, 43-48).....	1
—	EY2476230107	Carburetor Repair Kit for WO1-340 (includes items 22, 24, 26-27, 35, 37-40, 43-48).....	1
—	EY2466230207	Carburetor Gasket Set (includes items 32, 36; also items 35 and 40 from page 10)	1



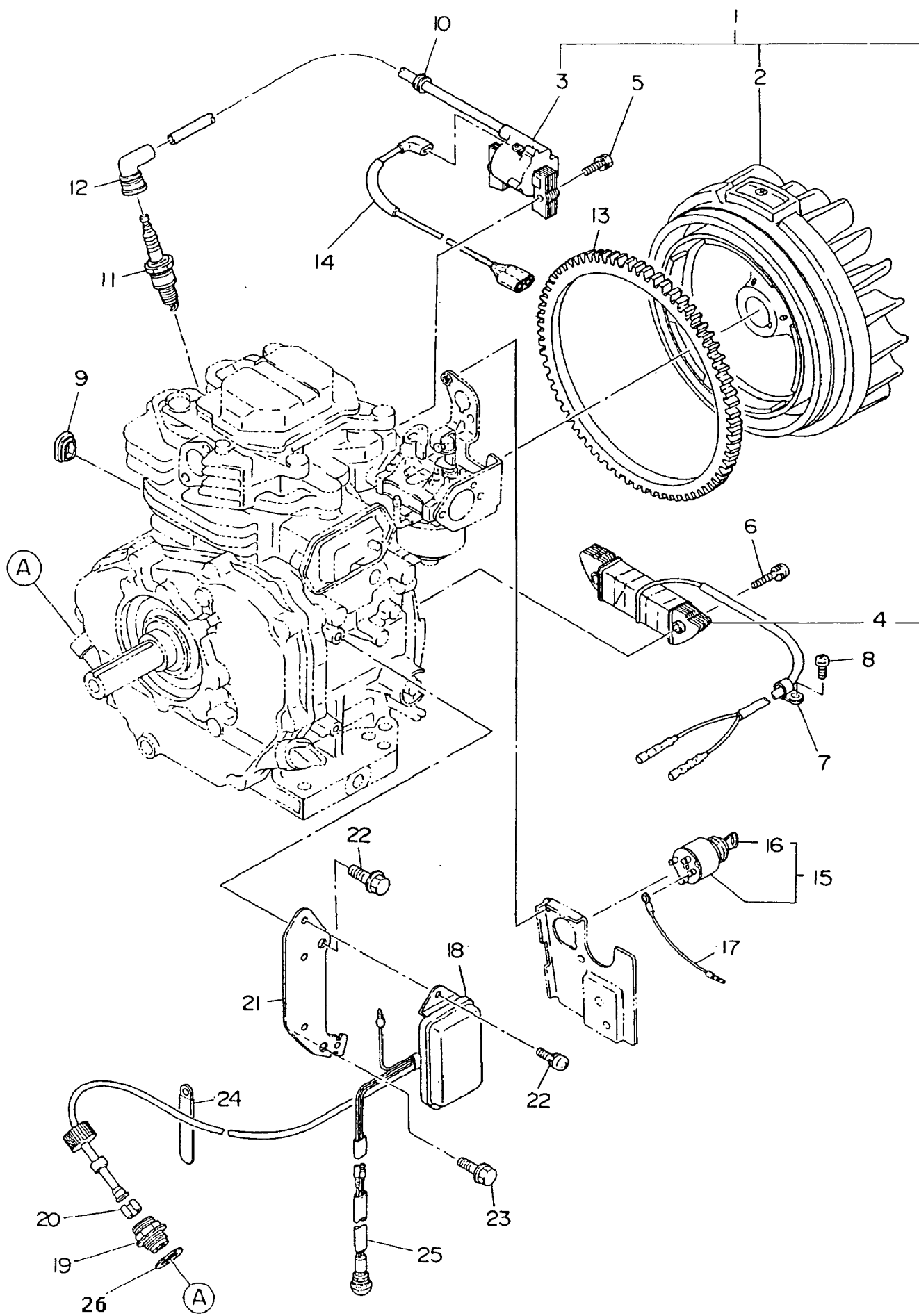
Electrical Equipment Group

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2467020110	Magneto assembly (includes items 2-3)	1
2	EY2467022108	Flywheel	1
3	EY2467023108	Ignition coil	1
4	EY0011406300	Bolt and washer assembly	2
5	EY2267550103	Grommet	1
6	EY0241070020	Grommet	1
7	EY0650140300	Spark plug (NGK # BP6ES)	1
8	EY0655000050	Spark plug cap	1
9	EY0660000280	Switch assembly	1
10	EY2467310301	Wire coil to switch	1
11	EY0023808000	Flange nut	1
12	EY2277601501	Oil level sensor	1
13	EY2467620103	Joint	1
14	EY2467620203	Spacer, joint	1
15	EY2467600301	Bracket, sensor	1
16	EY0043606100	Screw and washer assembly	2
17	EY0110060010	Flange bolt	2
18	EY0566000250	Clamp	1
19	EY0566000260	Clamp	2
20	EY2467730200	LED Lamp Assembly	1
21	EY0213200010	Gasket	1



Optional Electric Starter

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2467050100	Starting motor assembly (includes items 2-18)	1
2	EY2357055008	Armature assembly	1
3	EY2357055508	Washer kit.....	1
4	EY2357056008	Yoke assembly	1
5	EY2357056508	M bush (1).....	1
6	EY2357056608	M bush 92)	1
7	EY2357053508	Brush (+)	1
8	EY2467058008	"O" ring	1
9	EY2357053008	Holder assembly, brush (includes items 9-10)	1
10	EY2357054008	Brush (-)	1
11	EY2357054508	Spring brush	2
12	EY2467050508	Rear cover assembly (includes item 12)	1
13	EY1137051008	Metal rear cover	1
14	EY2467052108	Pinion assembly	1
15	EY2467057108	Stopper set - pinion	1
16	EY2467050008	Front cover assembly (includes item 16).....	1
17	EY2147056008	Front metal	1
18	EY2357057508	Through bolt.....	2
19	EY2147900701	Bolt, starter	2
20	EY0031008000	Washer	2
21	EY0032008000	Spring washer	2
22	EY2467140101	Diode rectifier	1
23	EY2467600101	Bracket, diode.....	1
24	EY0110060010	Flange bolt	5
25	EY2467310401	Wire 4	1
26	EY2467310511	Wire 5	1
27	EY2147310111	Wire 1	1
28	EY2147850103	Wire casing	1
29	EY2467730100	Magnetic switch assembly	1
30	EY0566000250	Clamp	1
31	EY0732001080	Label, battery	1



Electrical Equipment Group (for Optional Electric Starter)

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2467020210	Magneto assembly (includes items 2-3)	1
2	EY2467022318	Flywheel	1
3	EY2467023108	Ignition coil	1
4	EY2467024008	Lamp coil	1
5	EY0011406300	Bolt and washer assembly	2
6	EY0043606200	Screw and washer assembly	2
7	EY2067550101	Clamp	1
8	EY0043106080	Screw, pan head	1
9	EY2267550103	Grommet	1
10	EY0241080010	Grommet	1
11	EY0650140300	Spark plug (NGK BR6ES)	1
12	EY0655000050	Spark plug cap	1
13	EY2467100203	Ring gear	1
14	EY2467310301	Wire 3	1
15	EY0660000111	Switch (includes item 15)	1
16	EY0660009990	Key switch	1
17	EY2247310201	Wire 3	1
18	EY2277601501	Oil level sensor	1
19	EY2467621003	Joint	1
20	EY2467620203	Spacer, joint	1
21	EY2467600301	Bracket, sensor	1
22	EY0043606100	Screw and washer assembly	2
23	EY0110060010	Flange bolt	2
24	EY0566000260	Clamp	3
25	EY2467730200	LED lamp assembly	1
26	EY0213200010	Gasket	1