

Introduction

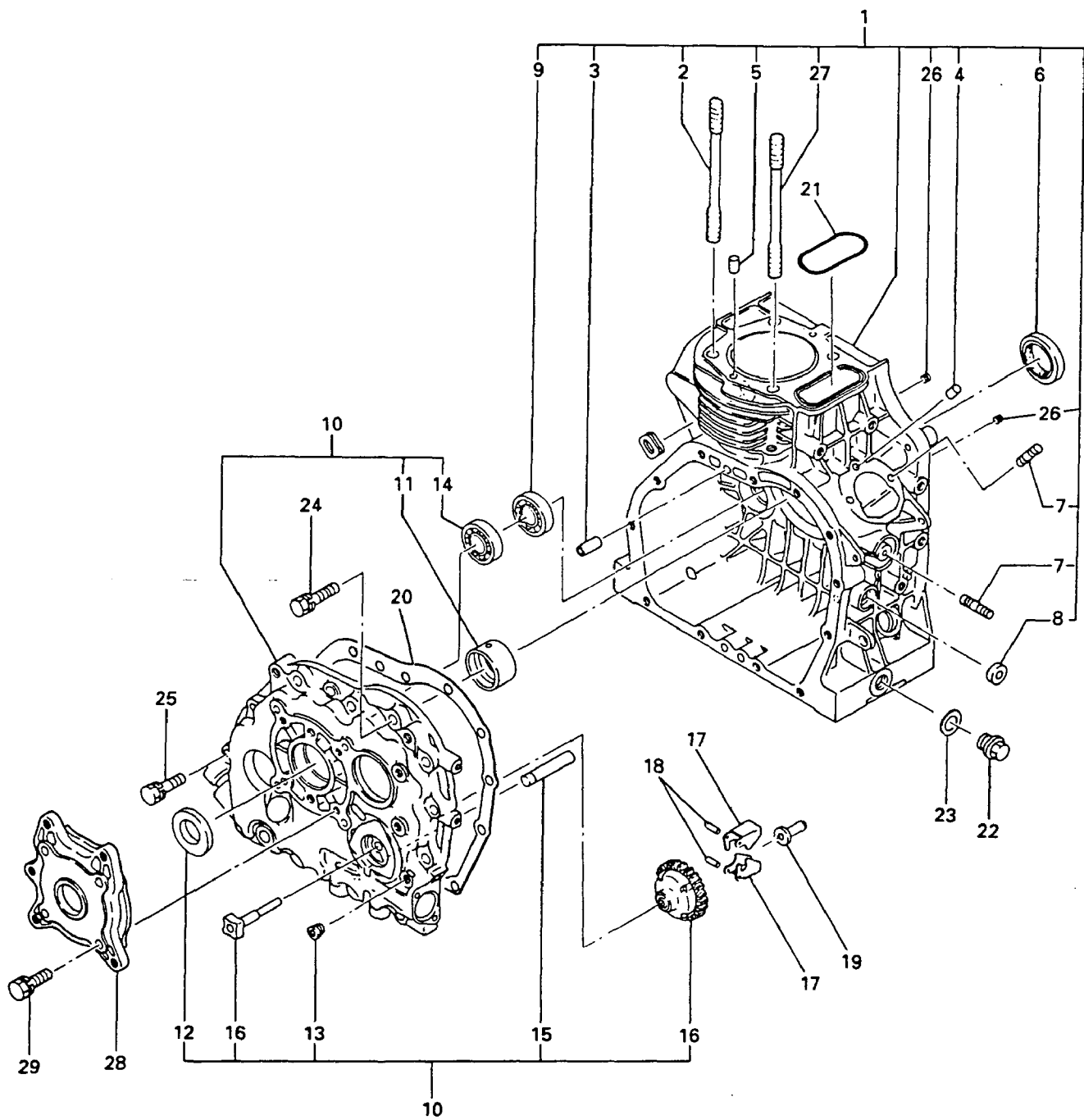
This catalog is designed to identify **Wisconsin Robin** parts.

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.

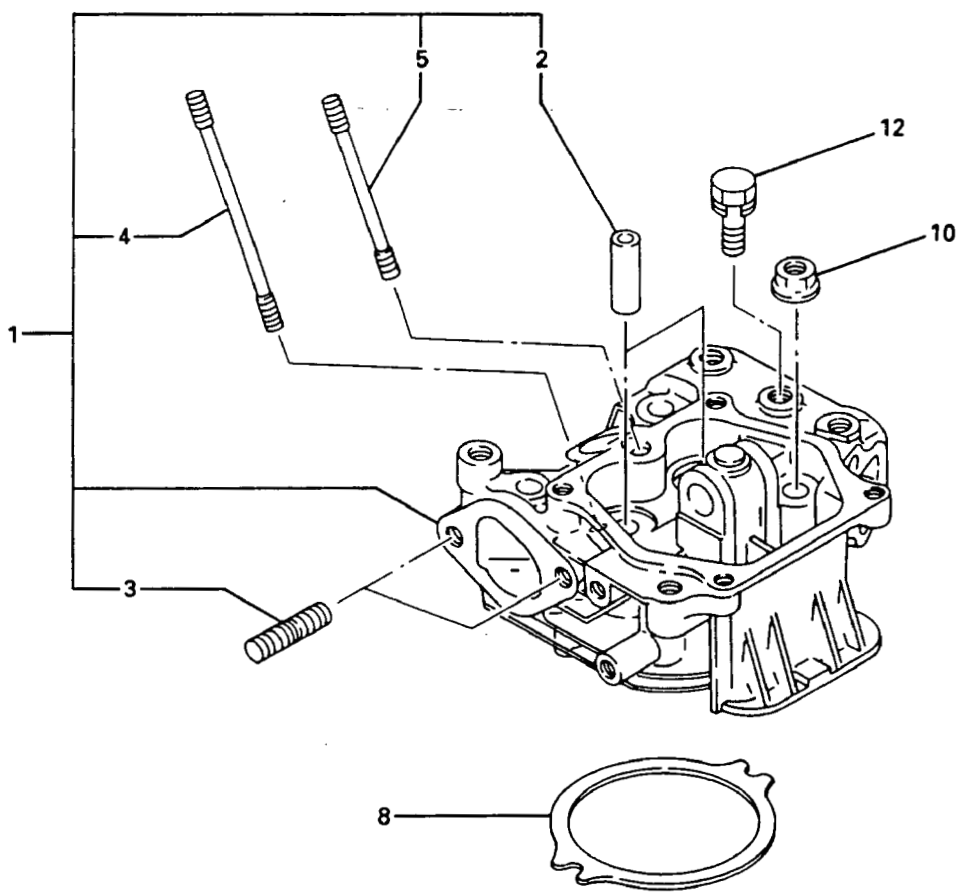
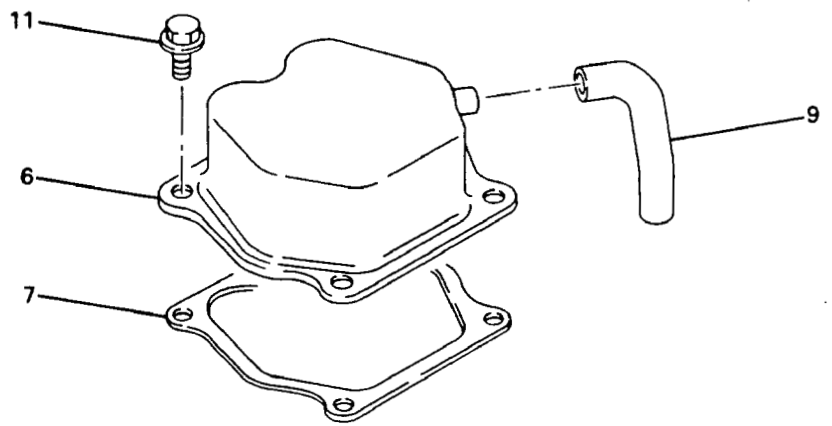
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Crankcase

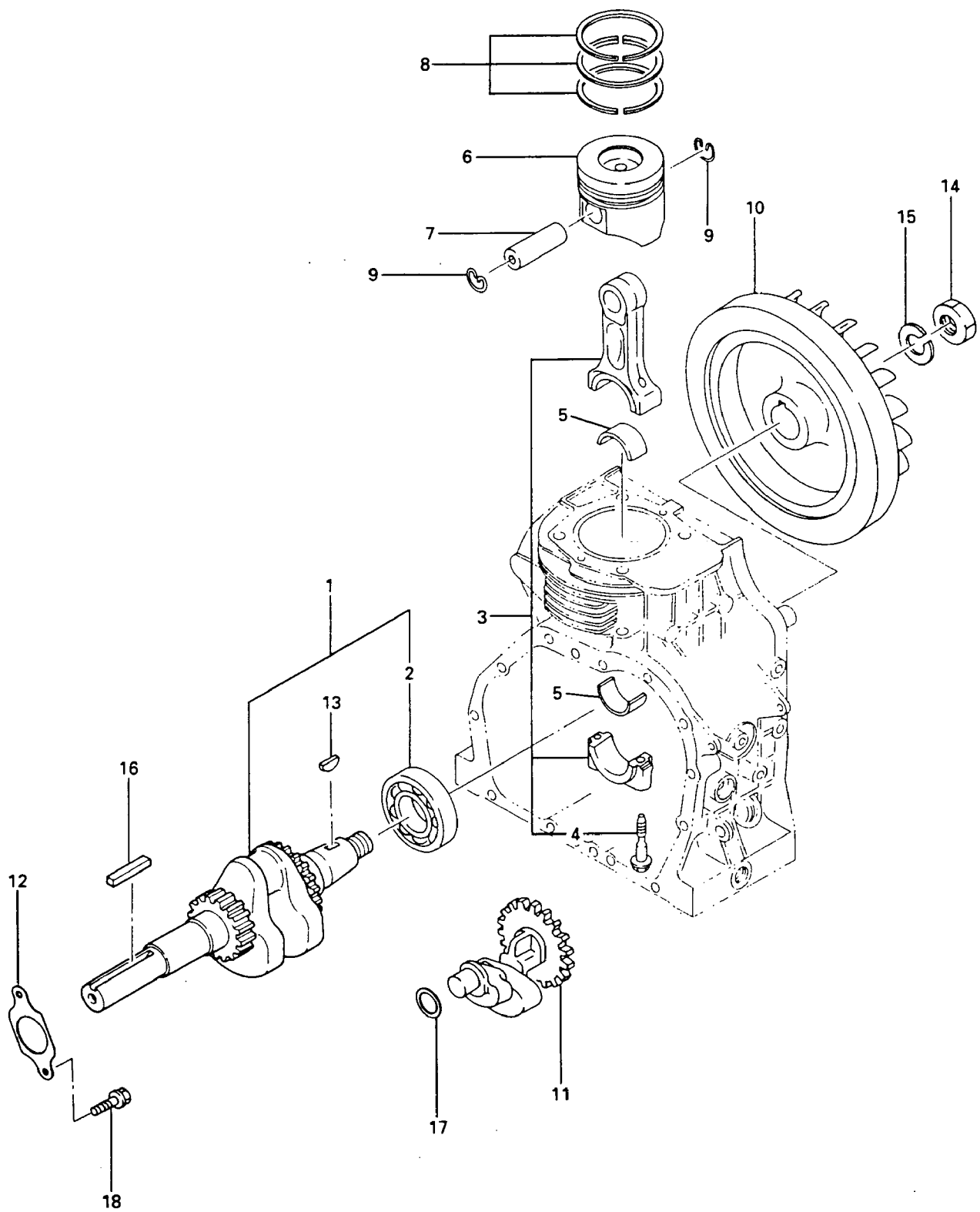
ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2431010101	Crankcase (includes items 2 - 9, 26, 27)	1
2	EY2431600101	Tension bolt	3
3	EY2431500103	Dowel pin	2
4	EY0052605120	Dowel pin	1
5	EY0310060020	Dowel pin	2
6	EY0440300030	Oil seal	1
7	EY0013706221	Stud	3
8	EY0440080030	Oil seal	1
9	EY0600170040	Ball bearing	1
10	EY2441100101	Gear cover (includes items 11 - 16)	1
11	EY2431580103	Main bearing, standard	1
—	EY2431580203	Main bearing, .010" (0.25 mm) U/S	1
—	EY2431580303	Main bearing, .020" (0.50 mm) U/S	1
12	EY0440300030	Oil seal	1
13	EY2121500813	Blind plug	1
14	EY0600170040	Ball bearing	1
15	EY2436420103	Suction hose	1
16	EY2434501107	Governor gear shaft set (includes items 17, 18, 19)	1
17	EY2204160103	Flyweight	2
18	EY0307300070	Pin	2
19	EY2054190103	Governor sleeve	1
20	EY2431500203	Gasket, gear cover	1
21	EY2431500503	Gasket, pushrod chamber seal	1
22	EY0401140030	Plug, oil drain	2
23	EY0211140020	Gasket	2
24	EY0011308350	Bolt and washer assembly	11
25	EY0011308400	Bolt and washer assembly	1
26	EY0403060010	Blind plug	2
27	EY2431600201	Tension bolt	1
28	EY2441750103	Adapter	1
29	EY0011308250	Bolt and washer assembly	4
—	EY2439900107	Gasket set	1



Cylinder head

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2431300101	Cylinder head (includes items 2 - 5)	1
2	EY2431420203	Valve guide.....	2
3	EY0013708201	Stud.....	2
4	EY0105060250	Stud.....	1
5	EY0105060150	Stud.....	1
6	EY2431700120	Rocker cover assembly	1
7	EY2431501003	Gasket, rocker cover	1
8	† EY2431500603	Spacer, head, 0.020" (0.5 mm)	1
—	† EY2431500703	Spacer, head, 0.024" (0.6 mm)	1
—	† EY2431501203	Spacer, head, 0.028" (0.7 mm)	1
—	† EY2431501303	Spacer, head, 0.031" (0.8 mm)	1
9	EY2431500303	Breather, hose	1
10	EY0180080020	Flange nut	4
11	EY0110060020	Flange bolt	4
12	EY0011308120	Bolt and washer assembly	1

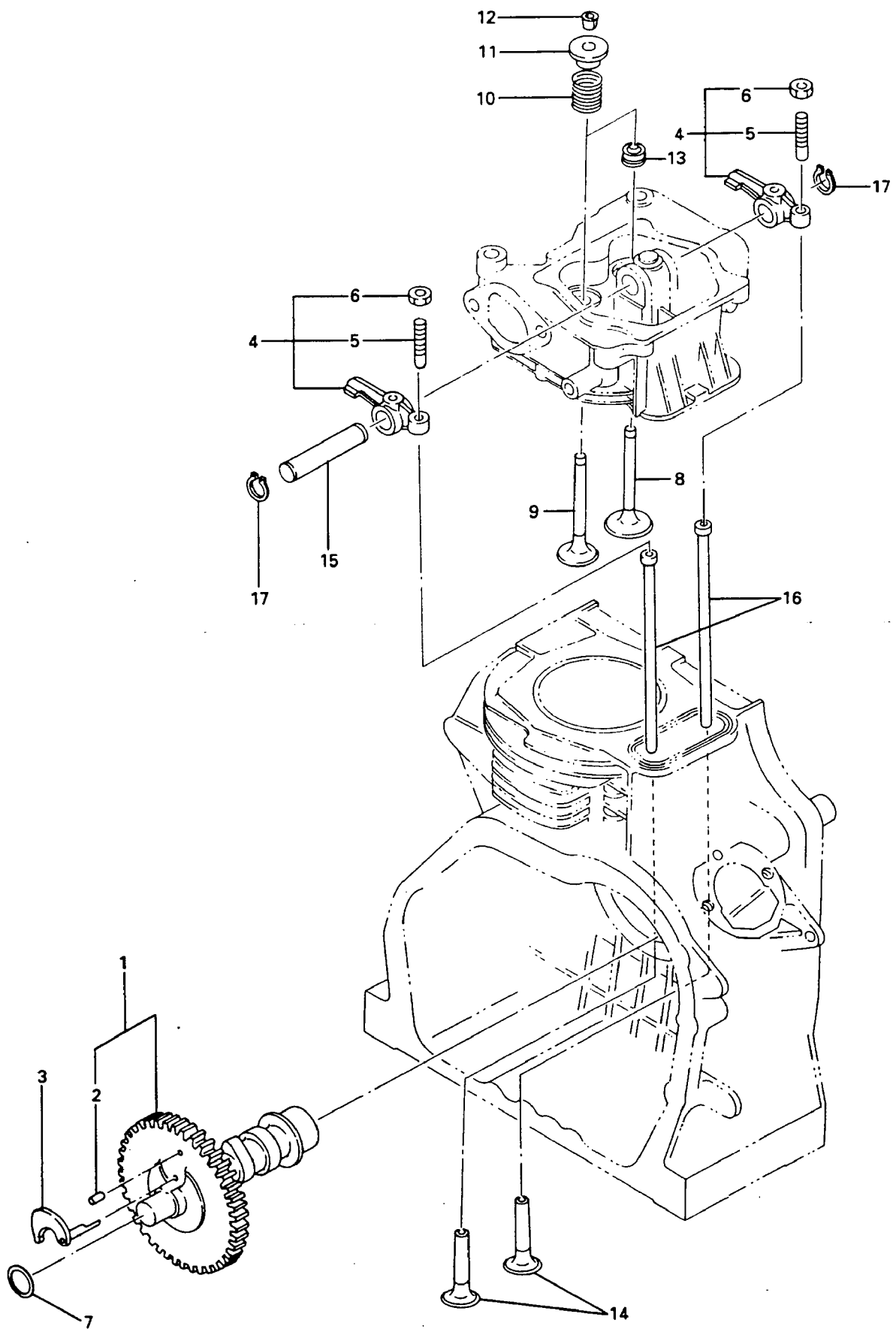
† Select one only.



Crankshaft and Piston

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2442040101	Crankshaft (includes item 2)	1
2	EY0600350010	Ball bearing	1
3	EY2432250100	Connecting rod assembly (includes item 4)	1
4	EY2432300103	Connecting rod bolt	2
5	EY2432280103	Large end bearing, standard	2
—	EY2432280203	Large end bearing, .010" (.025 mm) O/S	2
—	EY2432280303	Large end bearing, .020" (0.50 mm) O/S	2
6	EY2432340103	Piston, standard	1
—	EY2432340203	Piston, .010" (0.25 mm) O/S	1
—	EY2432340303	Piston, .020" (0.50 mm) O/S	1
7	EY2432330103	Piston pin	1
8	EY2432350107	Piston ring set, standard	1
—	EY2432350207	Piston ring set, .010" (0.25 mm) O/S	1
—	EY2432350307	Piston ring set, .020" (0.50 mm) O/S	1
9	EY0565200030	Clip	2
10	EY2432241003	Flywheel	1
11	EY2432430101	Balancer	1
12	† EY2432500103	Thrust washer, 0.031" (0.8 mm)	1
—	† EY2432500203	Thrust washer, 0.039" (1.0 mm)	1
—	† EY2432500303	Thrust washer, 0.047" (1.2 mm)	1
13	EY0323030010	Woodruff key	1
14	EY0021818000	Nut	1
15	EY0032018000	Spring washer	1
16	EY2072600103	Key	1
17	† EY0230170020	Spacer, 0.031" (0.8 mm)	1
—	† EY0230170030	Spacer, 0.039" (1.0 mm)	1
—	† EY0230170040	Spacer, 0.047" (1.2 mm)	1
18	EY0110060010	Flange bolt	2

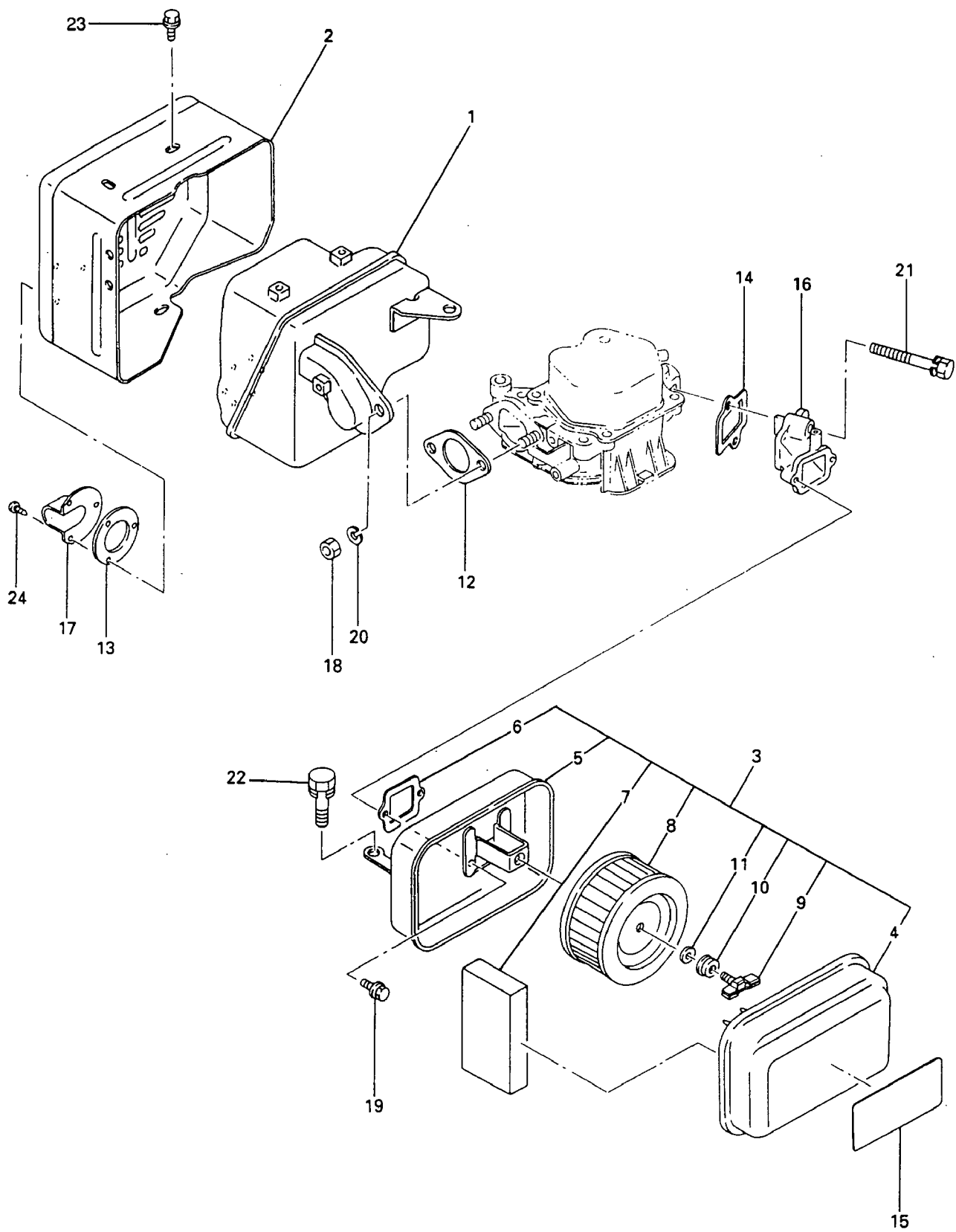
† Select one only.



Camshaft and Valve Rocker

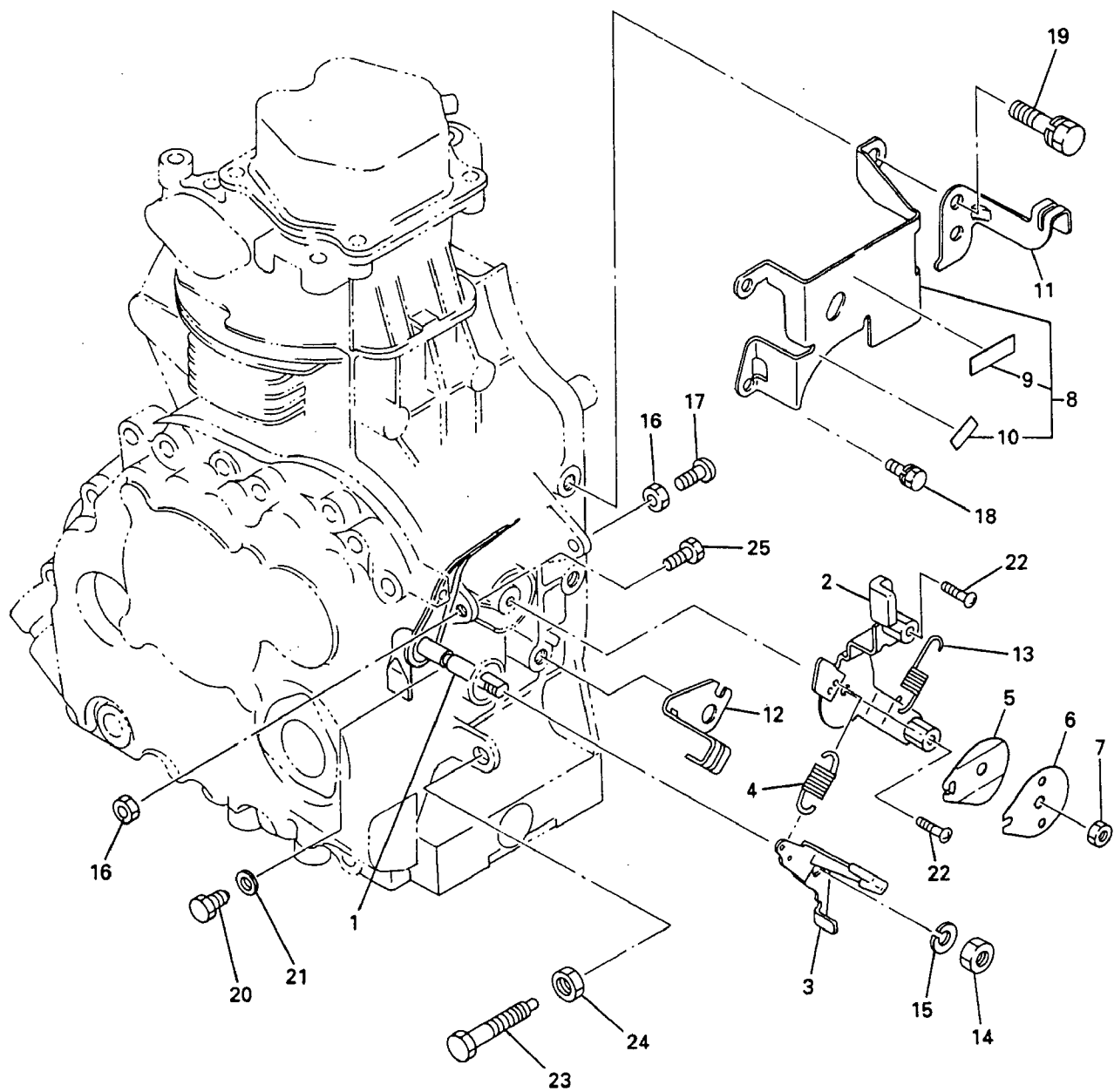
ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2433170121	Camshaft (includes item 2)	1
2	EY0052608180	Dowel pin	1
3	EY2433550313	Release lever	1
4	EY2433600101	Rocker arm (includes items 5, 6)	2
5	EY0149060080	Adjusting screw	2
6	EY0170060080	Nut	2
7	+ EY0230160020	Spacer, 0.031" (0.8 mm)	1
—	+ EY0230160031	Spacer, 0.039" (1.0 mm)	1
8	EY2433340103	Intake valve	1
9	EY2433350103	Exhaust valve	1
10	EY2433360103	Valve spring	2
11	EY2433370103	Spring retainer	2
12	EY2433380103	Retainer lock	4
13	EY2371600801	Stem seal	1
14	EY2433330103	Tappet	2
15	EY2433500103	Rocker shaft	1
16	EY2433500403	Push rod	2
17	EY0031512000	Snap ring	2

+ Select one only.



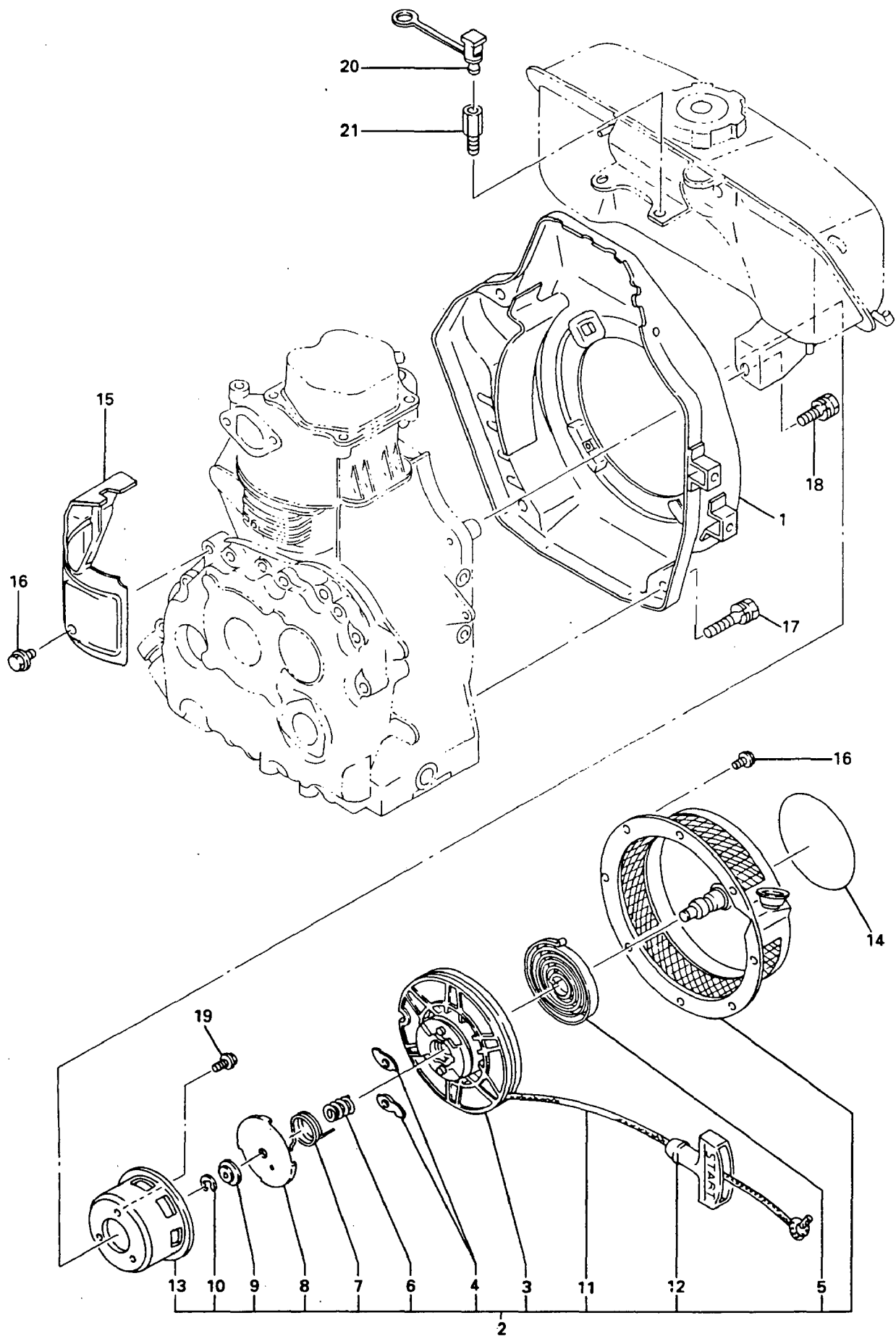
Air Cleaner and Muffler

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2433010121	Muffler	1
2	EY2433420101	Muffler cover	1
3	EY2433260100	Air cleaner assembly (includes items 4 - 11)	1
4	EY2433264008	Cover	1
5	EY2433262008	Back plate (includes item 6)	1
6	EY2433265108	Packing	1
7	EY2433261108	Element	1
8	EY2433260008	Element, foam	1
9	EY2433267008	Wing bolt, paper	1
10	EY2433266008	Washer	1
11	EY2433265008	Packing	1
12	EY2433500203	Gasket, exhaust	1
13	EY2433500523	Gasket, exhaust deflector	1
14	EY2433500313	Gasket, intake manifold	1
15	EY2439230203	Label, air cleaner	1
16	EY2433310103	Intake manifold	1
17	EY2433700211	Exhaust deflector	1
18	EY0021908000	Nut	2
19	EY0110060020	Flange bolt	2
20	EY0032008000	Spring washer	2
21	EY0011308350	Bolt and washer assembly	2
22	EY0011308160	Bolt and washer assembly	1
23	EY0011006100	Bolt and washer assembly	4
24	EY0150040040	Tapping screw	3



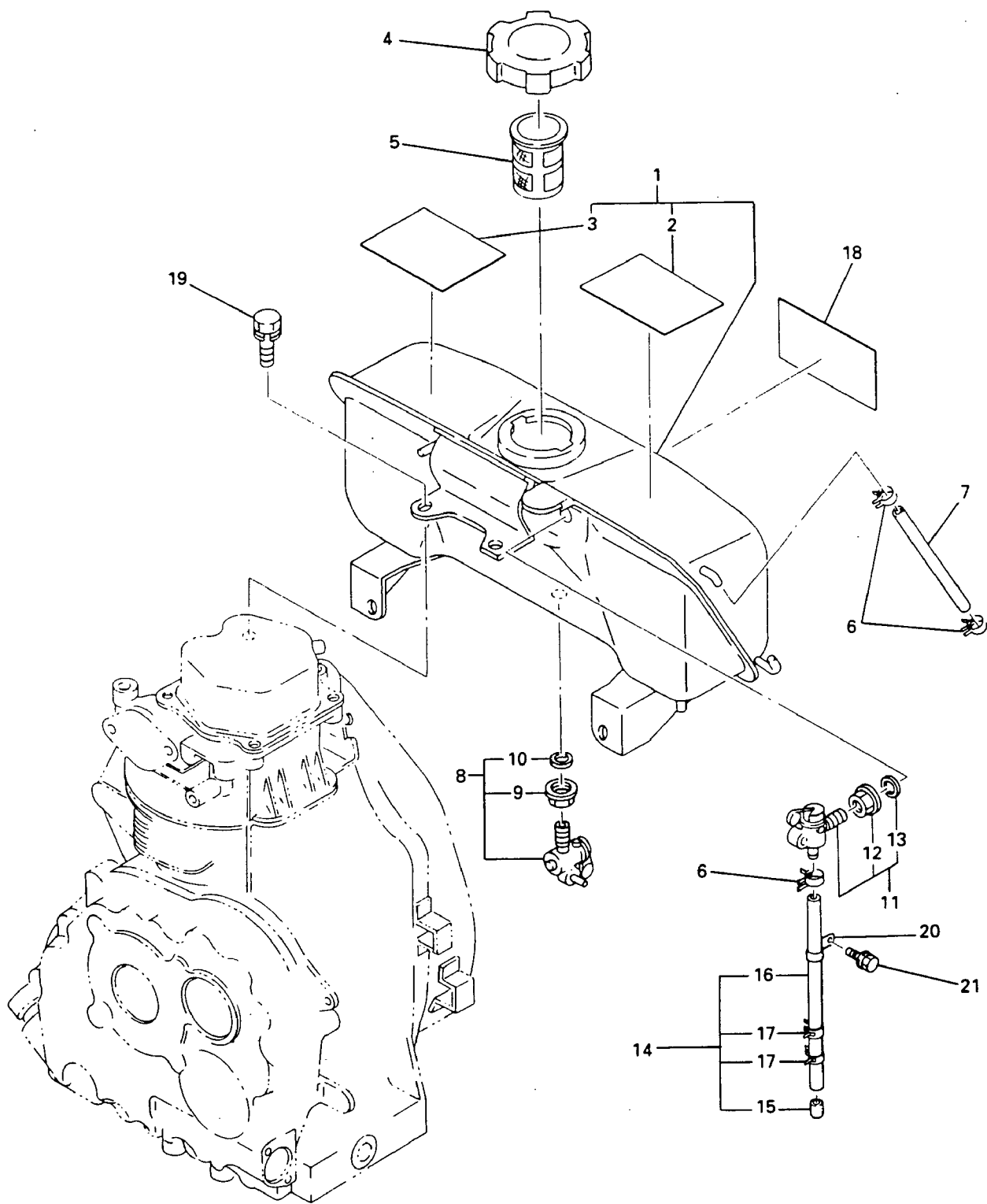
Governor

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2434230102	Governor lever	1
2	EY2434330110	Speed control.....	1
3	EY2434290211	Control link	1
4	EY2434250203	Governor spring	1
5	EY2274500203	Spring washer	1
6	EY2274350101	Stop plate	1
7	EY0176060030	Self lock nut	1
8	EY2434016601	Control panel (includes 9, 10)	1
9	EY2439210103	Label, operation	1
10	EY2439210203	Label, operation	1
11	EY2434420201	Wire bracket	1
12	EY2434421001	Wire bracket	1
13	EY2434600103	Return spring	1
14	EY0021808000	Nut	1
15	EY0032008000	Spring washer	1
16	EY0021806000	Nut	2
17	EY0043106300	Screw	1
18	EY0011306120	Bolt and washer assembly	2
19	EY0111308160	Bolt and washer assembly	3
20	EY2434500203	Bolt	1
21	EY0031006000	Washer	1
22	EY0043104100	Screw	2
23	EY2434550110	Smoke set assembly	1
24	EY0022410000	Nut	1
25	EY0103060020	Bolt	1



Blower Housing and Recoil Starter

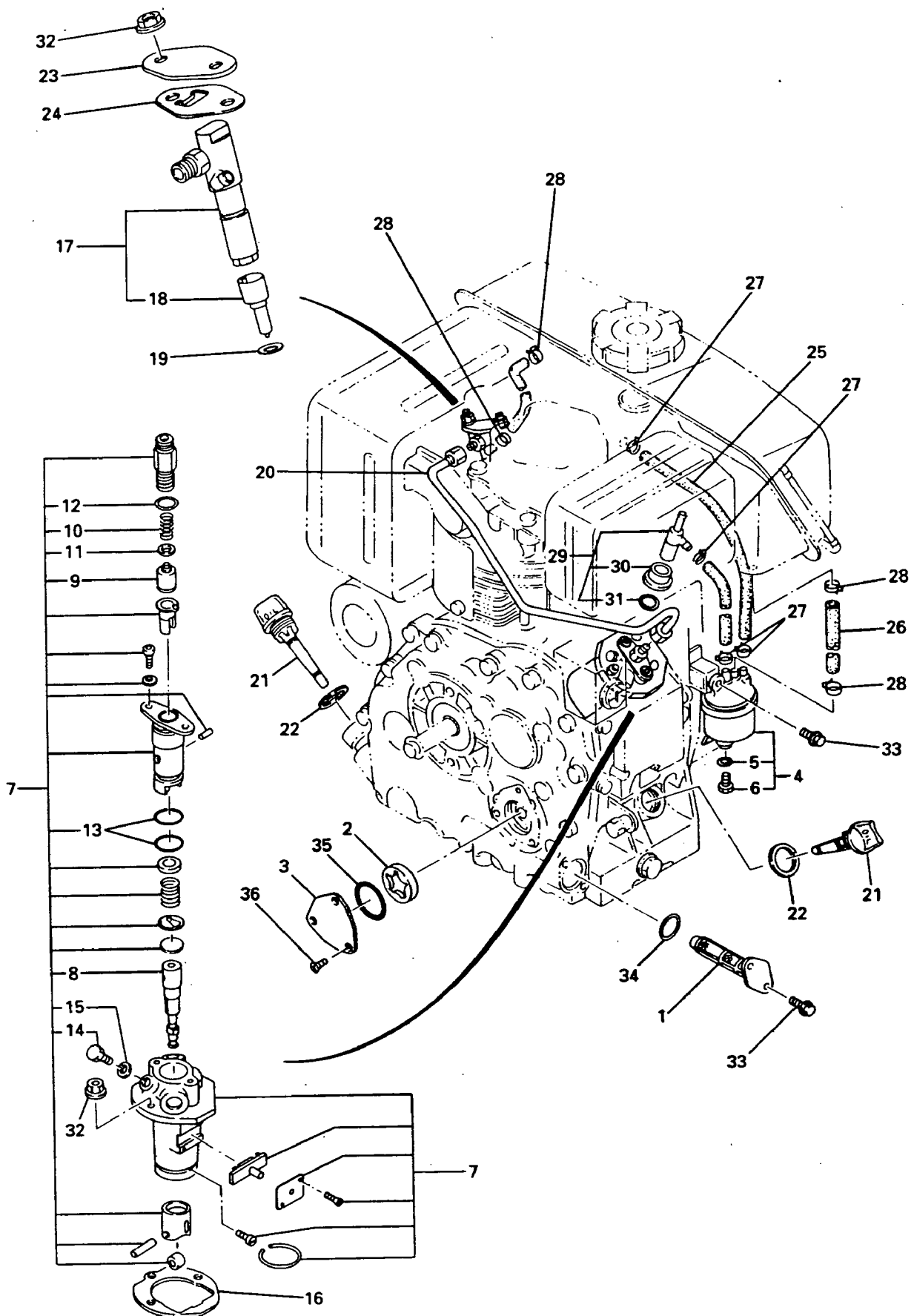
ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2435120121	Air shroud	1
2	EY2435020110	Recoil starter assembly (includes items 3 - 13)	1
3	EY2395022008	Reel	1
4	EY1065012818	Ratchet.....	2
5	EY1065011608	Spiral spring	1
6	EY1065013208	Friction spring	1
7	EY1065013618	Return spring	1
8	EY1065014418	Friction plate	1
9	EY1065018518	Thrust washer	1
10	EY1065018608	Clip	1
11	EY2435011008	Starter rope	1
12	EY2365010008	Starter knob	1
13	EY2435014508	Starting pulley	1
14	EY2439500403	Label, diesel mark	1
15	EY2435260113	Cylinder baffle	1
16	EY0110060010	Flange bolt	5
17	EY0011308300	Bolt and washer assembly	2
18	EY0011308200	Bolt and washer assembly	2
19	EY0011306120	Bolt and washer assembly	3
20	EY2435500113	Plug	1
21	EY2435500201	Bolt	1



Fuel Tank

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2436010221	Fuel tank (includes items 2, 3)	1
2	EY2439190203	Label, instruction	1
3	EY2439200203	Label, caution	1
4	EY0430430015	Fuel tank cap	1
5	EY0641360010	Fuel filter	1
7	EY0850050000	Vinyl hose	1
8	EY2436650100	Fuel valve assembly (includes items 9, 10) <i>Fuel Shut Off</i>	1
9	EY2436650518	Nut	1
10	EY2436650608	Rubber packing	1
11	EY2436651000	Air gauge (includes items 12, 13)	1
12	EY2436650518	Nut	1
13	EY2436650608	Rubber packing	1
14	EY2436260101	Fuel hose (includes items 15 - 17)	1
15	* — — — —	Hose	1
16	EY0851040000	Rubber hose	1
17	EY0561080010	Hose clamp	5
18	EY2439170203	Label, trademark	1
19	EY0011308200	Bolt and washer assembly	1
20	EY1507520103	Clamp	1
21	EY0011006100	Bolt and washer assembly	1

* Not serviced separately.

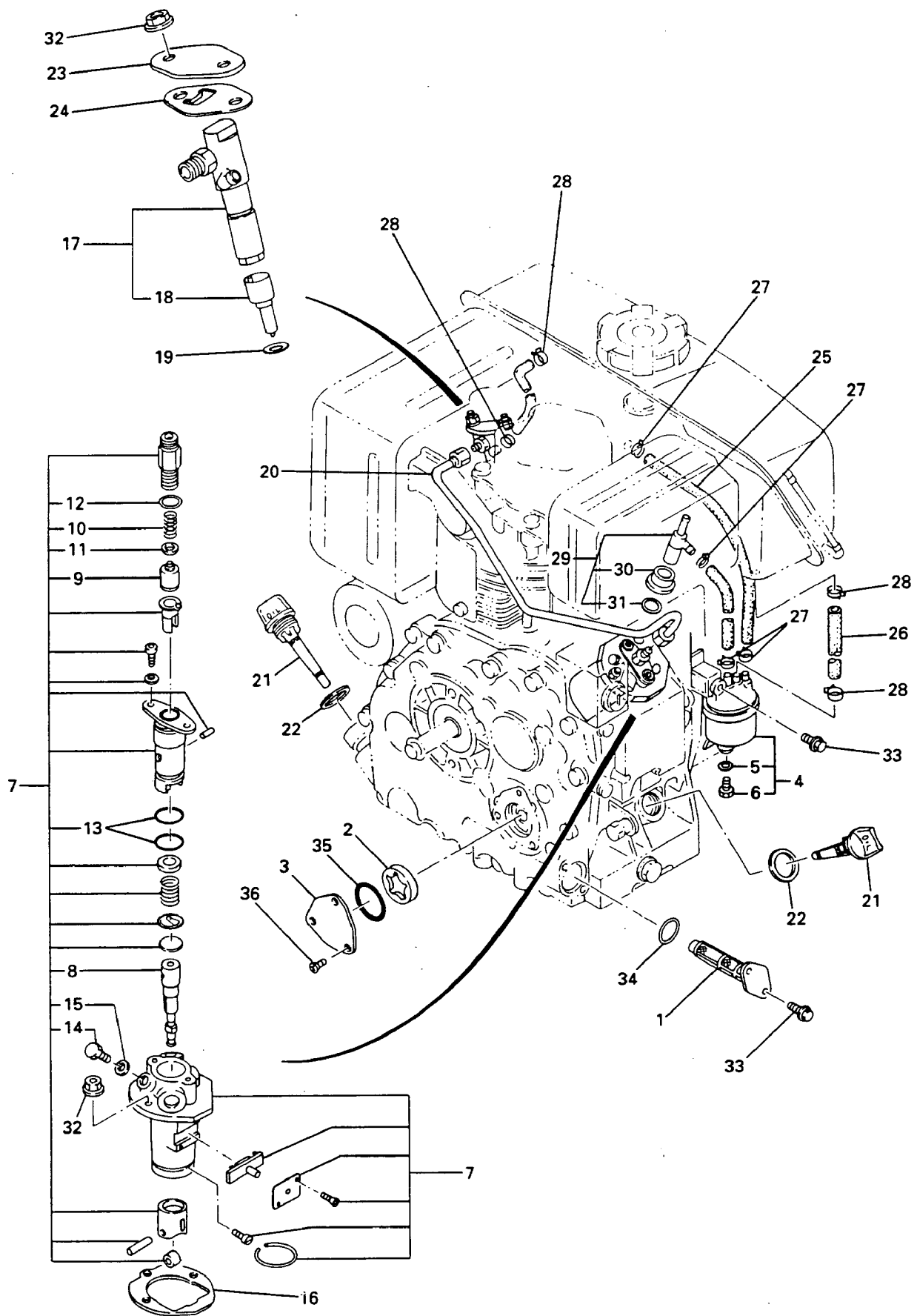


Fuel System

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2436430100	Oil filter assembly	1
2	EY2286390203	Oil pump, outer rotor	1
3	EY2436602001	Cover, oil pump	1
4	EY2436210110	Fuel filter assembly (includes items 5, 6)	1
5	EY2286211208	Packing	1
6	EY2286211108	Plug	1
7	EY2436310110	Injection pump assembly (includes items 8 - 15)	1
8	EY2436310208	Plunger assembly	1
9	EY2436310308	Delivery valve	1
10	EY2436310408	Spring	1
11	EY2436310508	Gasket	1
12	EY2436310708	O-ring	1
13	EY2436311008	O-ring	2
14	EY2436312408	Bolt	1
15	EY2436312508	Gasket	1
16	† EY2436500103	Gasket, injection pump, 0.004" (0.1 mm)	1
—	† EY2436500203	Gasket, injection pump, 0.008" (0.2 mm)	1
—	† EY2436500303	Gasket, injection pump, 0.012" (0.3 mm)	1
17	EY2436320100	Nozzle assembly (includes item 18)	1
18	EY2436320408	Nozzle	1
19	EY2286500403	Gasket, nozzle	1
20	EY2436330101	Injection pipe	1
21	EY2246360103	Dipstick	2
22	EY0213200010	Gasket	2
23	EY2436600101	Bracket, nozzle	1
24	EY2436601003	Bracket, nozzle	1
25	EY0851060000	Rubber hose	2
26	EY0851040000	Rubber hose	2
27	EY0561110020	Hose clamp	4
28	EY0561080010	Hose clamp	4

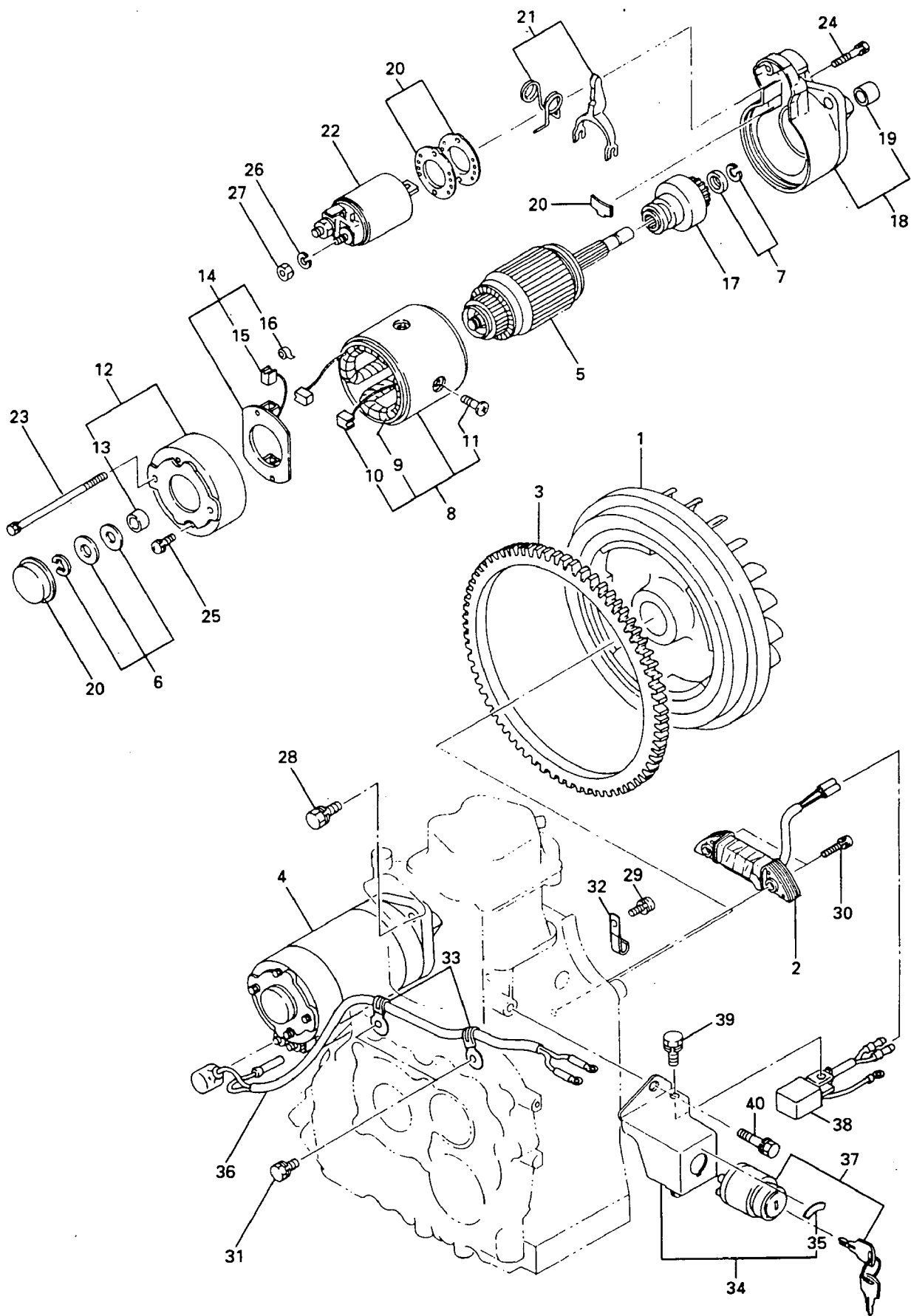
† Select one only.

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Fuel System (cont.)

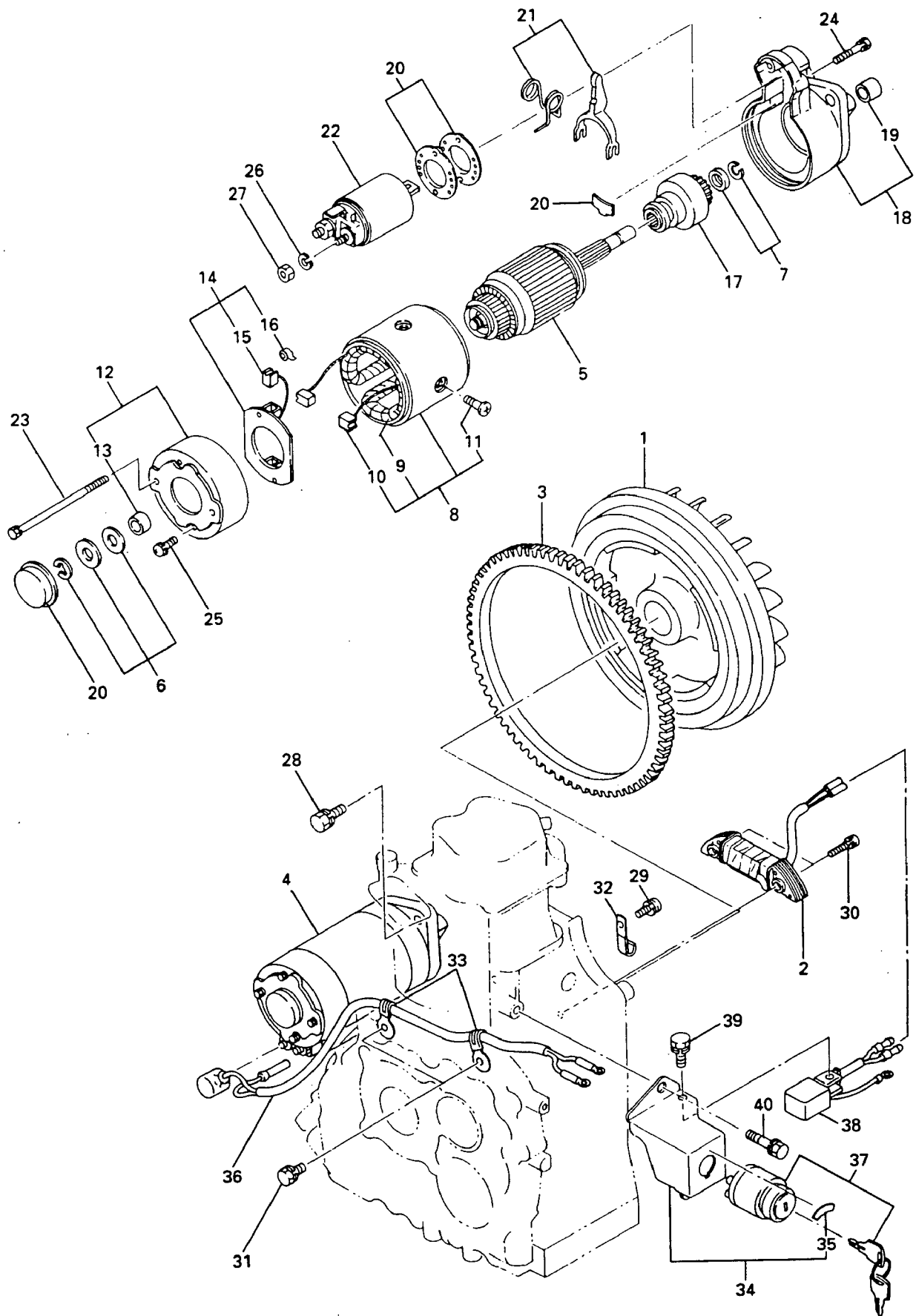
ITEM	PART NO.	DESCRIPTION	QTY.
29	EY2436652000	Tee connector assembly (includes items 30, 31).....	1
30	EY2436652108	Nut.....	1
31	EY2436650608	Packing.....	1
32	EY0023806000	Flange nut.....	4
33	EY0110060020	Flange bolt.....	4
34	EY0062620200	O-ring.....	1
35	EY0062610330	O-ring.....	1
36	EY0041106160	Screw.....	3



Electrical Equipment

ITEM	PART NO.	DESCRIPTION	QTY.
1	EY2437012108	Flywheel.....	1
2	EY2437014508	Charge coil.....	1
3	EY2437100213	Ring gear.....	1
4	EY2437050600	Starting motor assembly (includes items 5 - 25)	1
5	EY2437056108	Armature assembly	1
6	EY2107053308	Thrust washer kit.....	1
7	EY2107053408	Pinion stopper set	1
8	EY2437056308	Housing assembly (includes items 9 - 11)	1
9	EY2437054508	Field coil assembly	1
10	EY2107053908	Brush (+)	2
11	EY2107050808	Set screw	4
12	EY2437050608	Rear cover assembly (includes item 13)	1
13	EY2107054208	Spacer	1
14	EY2437053008	Brush holder assembly (includes items 15, 16)	1
15	EY2437054008	Brush (-)	1
16	EY2437054208	Brush spring	3
17	EY2437056708	Pinion assembly	1
18	EY2437056808	Gearcase assembly (includes item 19)	1
19	EY2107054208	Spacer	1
20	EY2437056908	Dust cover kit	1
21	EY2437052508	Shift lever kit	1
22	EY2437051508	Magnetic switch assembly	1
23	EY2437057008	Thru bolt	2
24	EY2437057108	Bolt	2
25	EY2177053308	Set screw	1
26	EY0032008000	Spring washer	1
27	EY0022808000	Nut	1
28	EY0011408300	Bolt and washer assembly	2
29	EY0043506100	Screw and washer assembly	1
30	EY0043506250	Screw and washer assembly	2
31	EY0011308120	Bolt and washer assembly	2
32	EY1507520103	Clamp	1
33	EY0566000170	Clamp	2

(Continued on page 24)



Electrical Equipment (cont.)

ITEM	PART NO.	DESCRIPTION	QTY.
34	EY2434060201	Control box (includes item 35)	1
35	EY0732001090	Label, starter switch	1
36	EY2437310411	Wire assembly	1
37	EY0660000111	Switch	1
38	EY2437140101	Diode rectifier	1
39	EY0011006100	Bolt and washer assembly	1
40	EY0011308160	Bolt and washer assembly	1