

SERVICE PARTS

Order replacement parts for your Wisconsin Robin engine from the RYAN dealer in your area.

**The MODEL, SPECIFICATION and SERIAL NUMBERS
of engine MUST BE GIVEN WHEN ORDERING PARTS.**

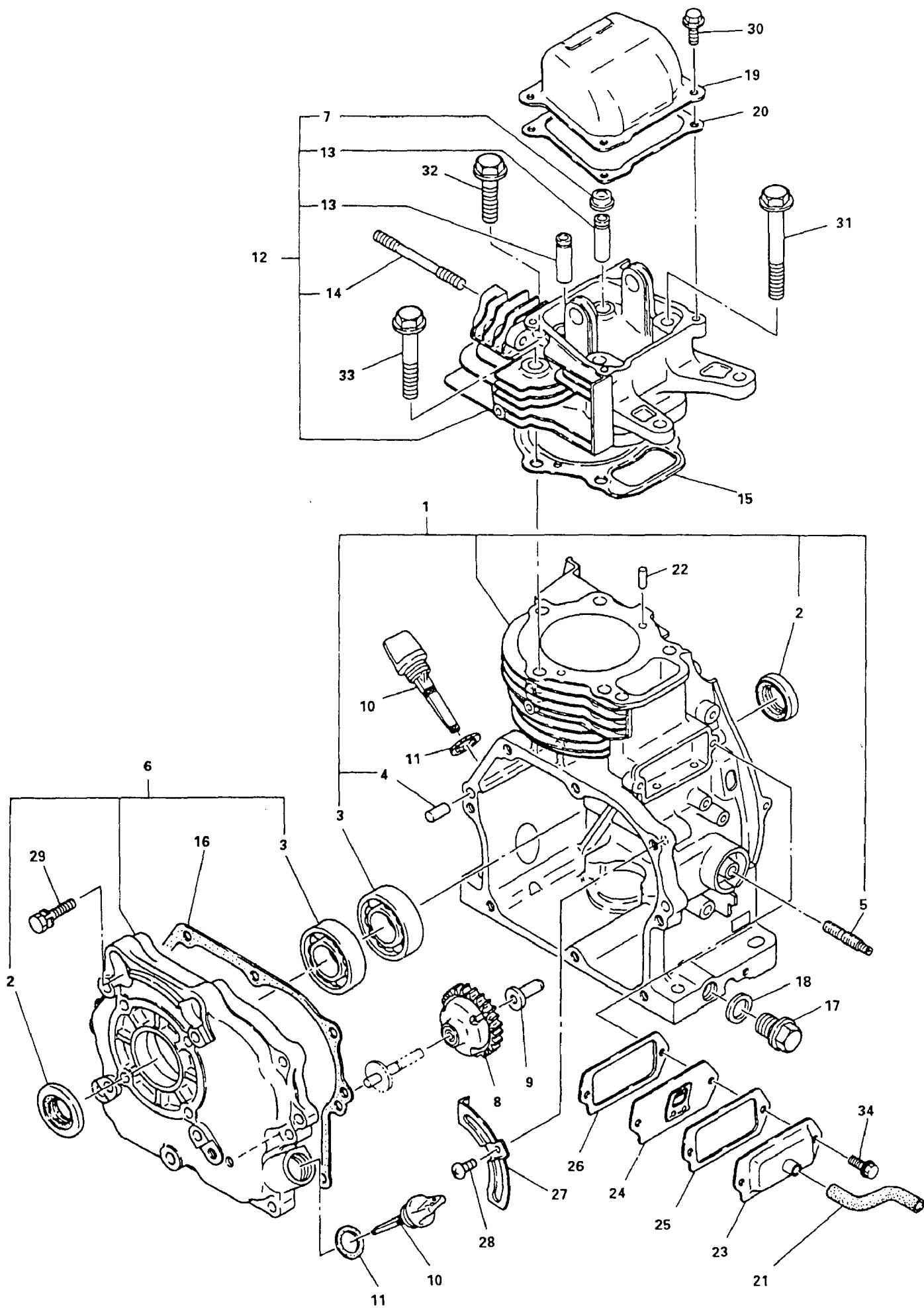
The Model and Specification number are shown on the name plate located on flywheel shroud. The Serial number is stamped on the crankcase base.

COPY THE MODEL, SPECIFICATION NUMBER AND SERIAL NUMBER IN THE SPACES PROVIDED BELOW SO THAT IT WILL BE AVAILABLE TO YOU WHEN ORDERING PARTS.

		WISCONSIN ROBIN
AIR COOLED ENGINE		
MODEL		SPEC NO.
WO1-210		90013

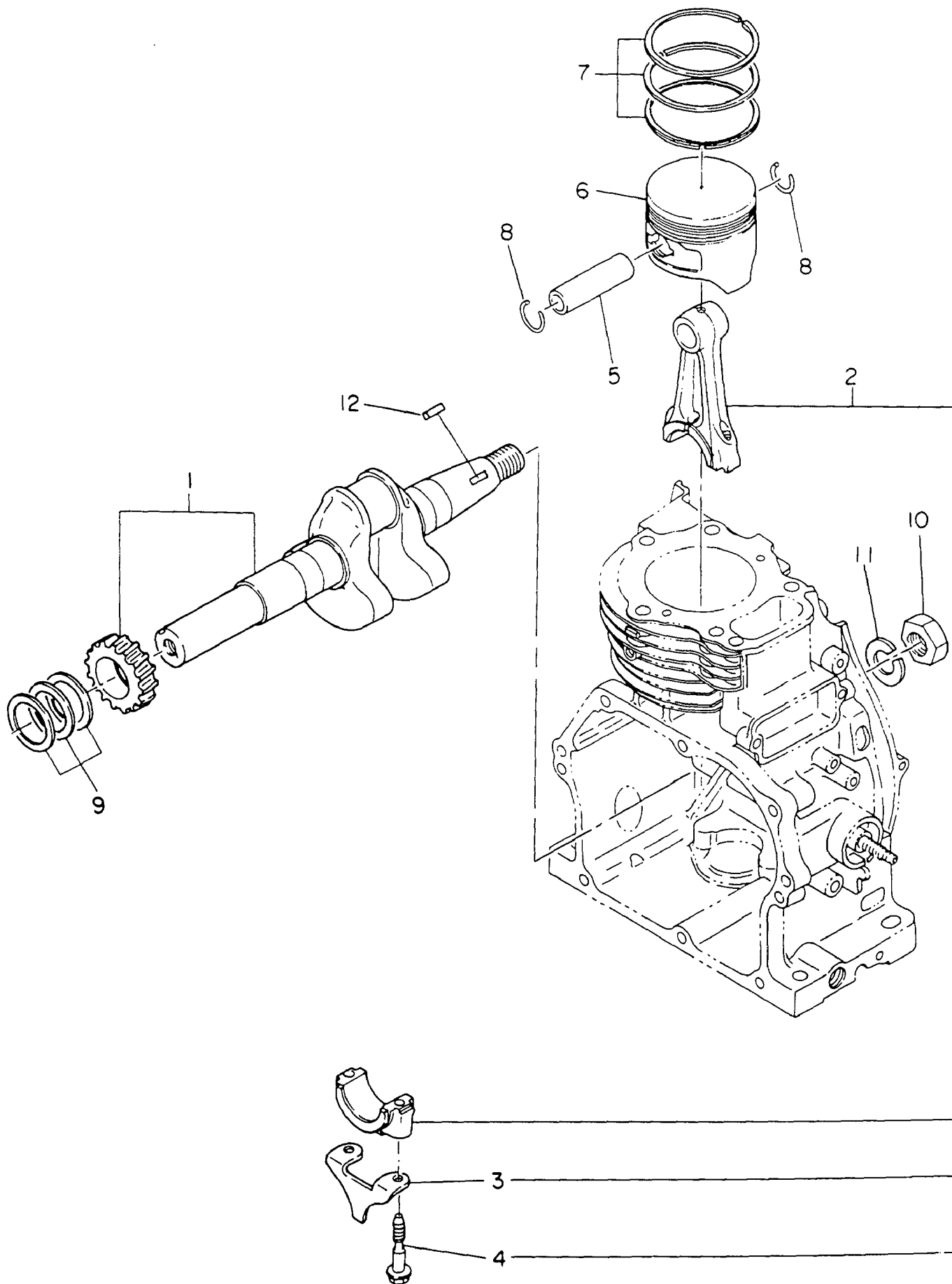
SERIAL NO.	
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P/N 523313



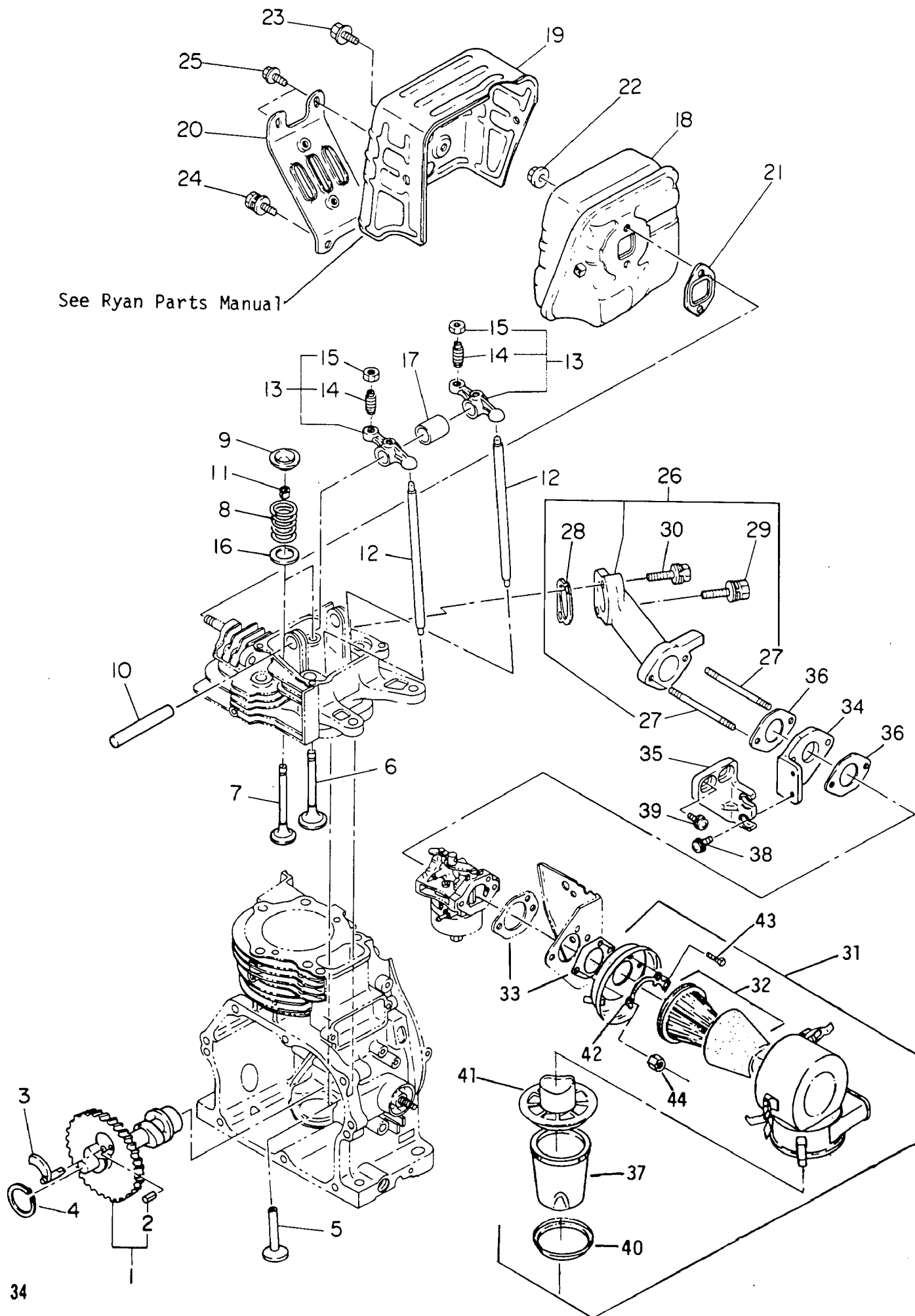
1. CRANKCASE GROUP

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2391010111	CRANKCASE (includes 2-5)	1
2	EY0440300030	OIL SEAL	2
3	EY0600300020	BALL BEARING	2
4	EY0310080020	DOWEL PIN	2
5	EY2394310113	STUD	1
6	EY2391110101	GEAR COVER (includes 2 & 3)	1
7	EY2391630103	OIL SEAL	1
8	EY2394500101	GOVERNOR GEAR	1
9	EY2054190103	GOVERNOR SLEEVE	1
10	EY2146360113	DIPSTICK	2
11	EY0213200010	GASKET	2
12	EY2391301011	CYLINDER HEAD (includes 7, 13 & 14)	1
13	EY2391420213	VALVE GUIDE, OVERSIZE	2
14	EY0105080360	STUD	1
15	EY2391500101	GASKET	1
16	EY2141600103	GASKET, GEAR COVER	1
17	EY0401140030	PLUG, OIL DRAIN	2
18	EY0211140020	GASKET, OIL DRAIN	2
19	EY2391550101	ROCKER COVER	1
20	EY2391600203	GASKET, ROCKER COVER	1
21	EY2393800103	RUBBER HOSE	1
22	EY0310060020	DOWEL PIN	2
23	EY2391430101	BREATHER COVER	1
24	EY2391440101	BREATHER PLATE	1
25	EY2391600603	GASKET, BREATHER COVER	1
26	EY2391600703	GASKET, BREATHER PLATE	1
27	EY2391600103	OIL SHELTER PLATE	1
28	EY0043106120	SCREW	1
29	EY0011308300	BOLT & WASHER ASS'Y.	8
30	EY0110060020	FLANGE BOLT	4
31	EY0110100010	FLANGE BOLT	2
32	EY0110100020	FLANGE BOLT	2
33	EY0110100030	FLANGE BOLT	1
34	EY0110060030	FLANGE BOLT	2
	EY2399900107	GASKET SET (includes 11, 15, 16, 18, 20, 25, 26 & Page 35 no. 21, 28, 33, 36, & page 37 no. 22.	



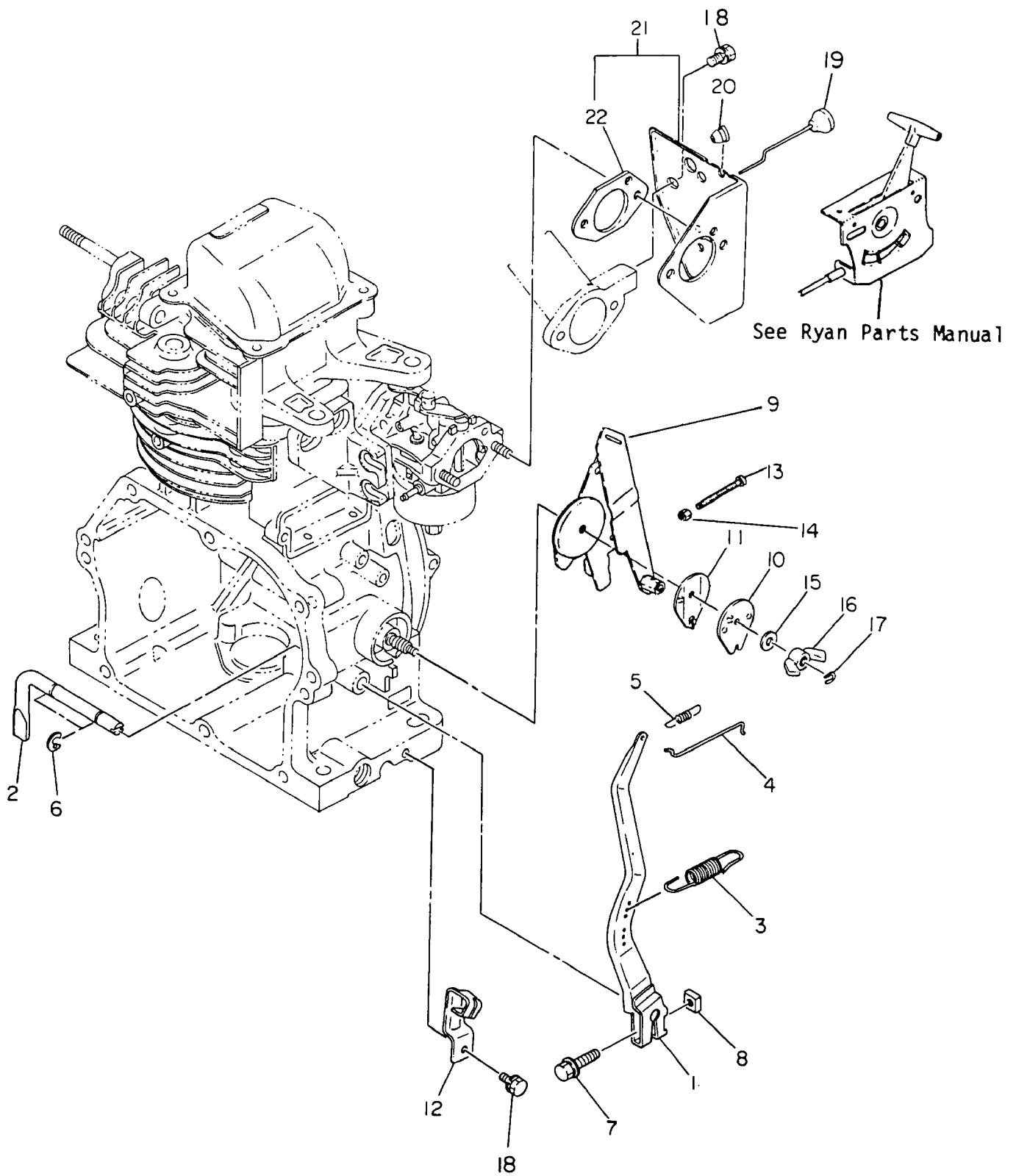
2. CRANKCASE AND PISTON GROUP

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2392090101	CRANKSHAFT	1
2	EY2392250100	CONNECTING ROD (includes 3 & 4)	1
3	EY2392310103	OIL SCRAPER	1
4	EY2392300103	CONNECTING ROD BOLT	2
5	EY2392330103	PISTON PIN	1
6	EY2392340103	PISTON, STANDARD	1
	EY2392440203	PISTON, OVERSIZE 0.25mm (.0098")	1
	EY2392340303	PISTON, OVERSIZE 0.50mm (.0197")	1
7	EY2392350107	PISTON RING SET, STANDARD	1
	EY2392350207	PISTON RING SET, OVERSIZE 0.25mm (.0098")	1
	EY2392350307	PISTON RING SET, OVERSIZE 0.50mm (.0197")	1
8	EY2392500103	CLIP	2
9	EY0230300170	SPACER 0.6mm (.024") SELECT ONE ONLY	1
	EY0230300180	SPACER 0.8mm (.031")	1
	EY0230300190	SPACER 1.0mm (.039")	1
10	EY0021818000	NUT	1
11	EY0032018000	SPRING WASHER	1
12	EY0323030010	WOODRUFF KEY	1



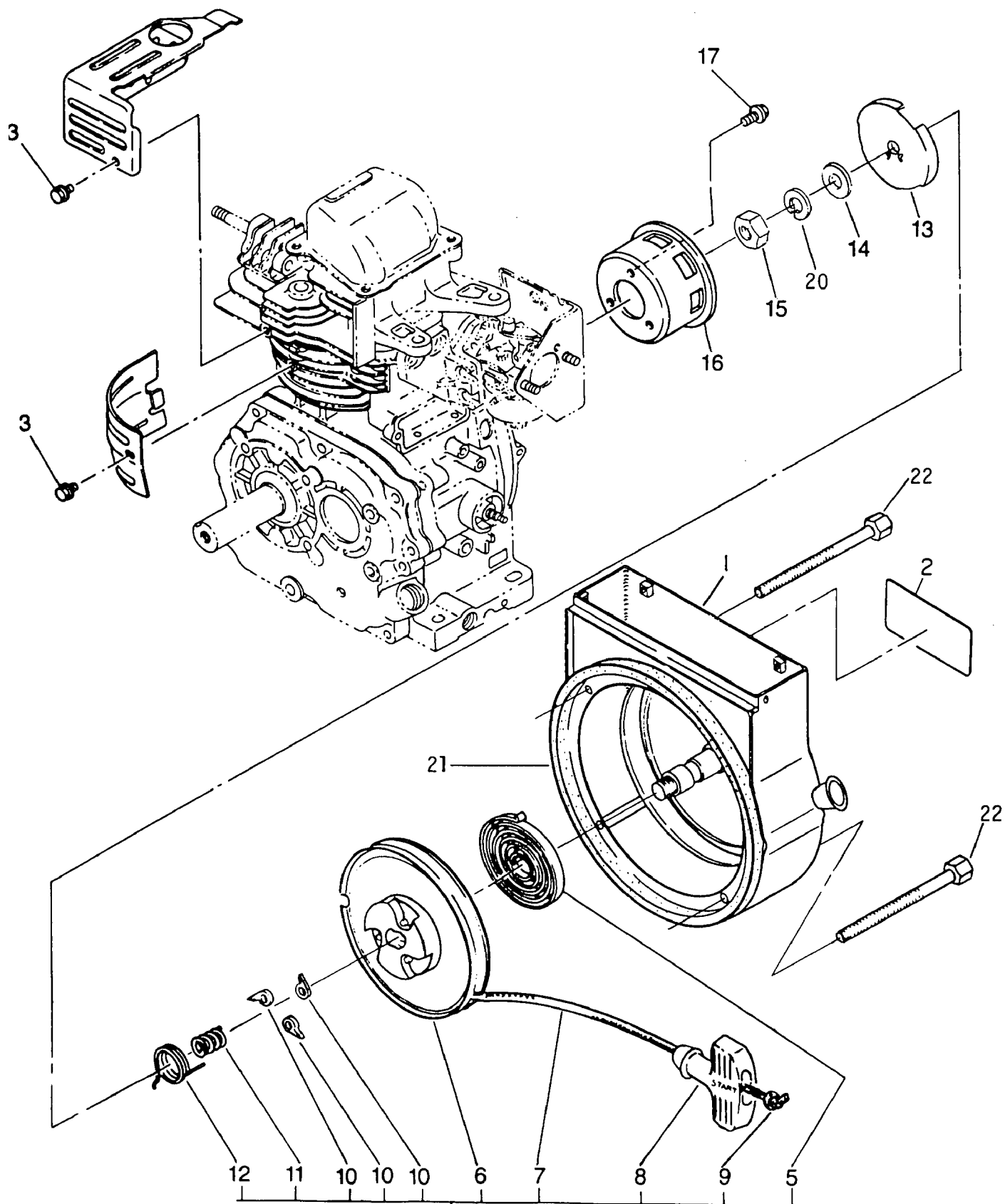
3. INTAKE AND EXHAUST GROUP

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2393170101	CAMSHAFT (includes 2)	1
2	EY0051904100	SPRING PIN	1
3	EY2393620101	RELEASE LEVER	1
4	EY0031528000	SNAP RING	1
5	EY2393330103	TAPPET	2
6	EY2393340103	INTAKE VALVE	1
7	EY2393350103	EXHAUST VALVE	1
8	EY2393360103	VALVE SPRING	2
9	EY2393370103	SPRING RETAINER	2
10	EY2393500103	ROCKER SHAFT	1
11	EY2393380203	RETAINER LOCK	2
12	EY2393530103	PUSH ROD	2
13	EY2393610100	ROCKER ARM ASS'Y. (includes 14 & 15)	2
14	EY0149060090	ADJUSTING SCREW	2
15	EY0170060090	NUT	2
16	EY0200200010	WASHER	2
17	EY2393612003	SPACER	1
18	EY2393010101	MUFFLER	1
19	EY2393420101	MUFFLER COVER (NOT USED)	1
20	EY2393510101	MUFFLER BRACKET	1
21	EY2393520101	GASKET, MUFFLER	1
22	EY0180080010	FLANGE NUT	2
23	EY0110060010	FLANGE BOLT	5
24	EY0011008160	BOLT & WASHER ASS'Y.	2
25	EY0110060020	FLANGE BOLT	2
26	EY2393310111	INTAKE MANIFOLD (includes 27)	1
27	EY0105060120	STUD	2
28	EY2393600103	GASKET, INTAKE MANIFOLD	1
29	EY0011408400	BOLT & WASHER ASS'Y	1
30	EY0011408350	BOLT & WASHER ASS'Y	1
31	EY2393260300	AIR CLEANER ASS'Y (Complete)	1
32	EY2273262007	ELEMENT SET (includes pre-cleaner)	1
33	EY2343600303	GASKET, AIR CLEANER	1
34	EY2393290113	INSULATOR	1
35	EY2393650113 ?	BRACKET, INTAKE MANIFOLD	1
36	EY2343590203	GASKET, CARBURETOR	2
37	EY2063265508	DUST CUP	1
38	EY0043506140	SCREW & WASHER ASS'Y.	1
39	EY0043506160	SCREW & WASHER ASS'Y.	4
40	EY2063266008	RING	1
41	EY2063266508	DUST COVER	1
42	EY2343650101	LOCK, SCREW	1
43	EY0011006100	SCREW	1
44	EY0021706000	NUT	2



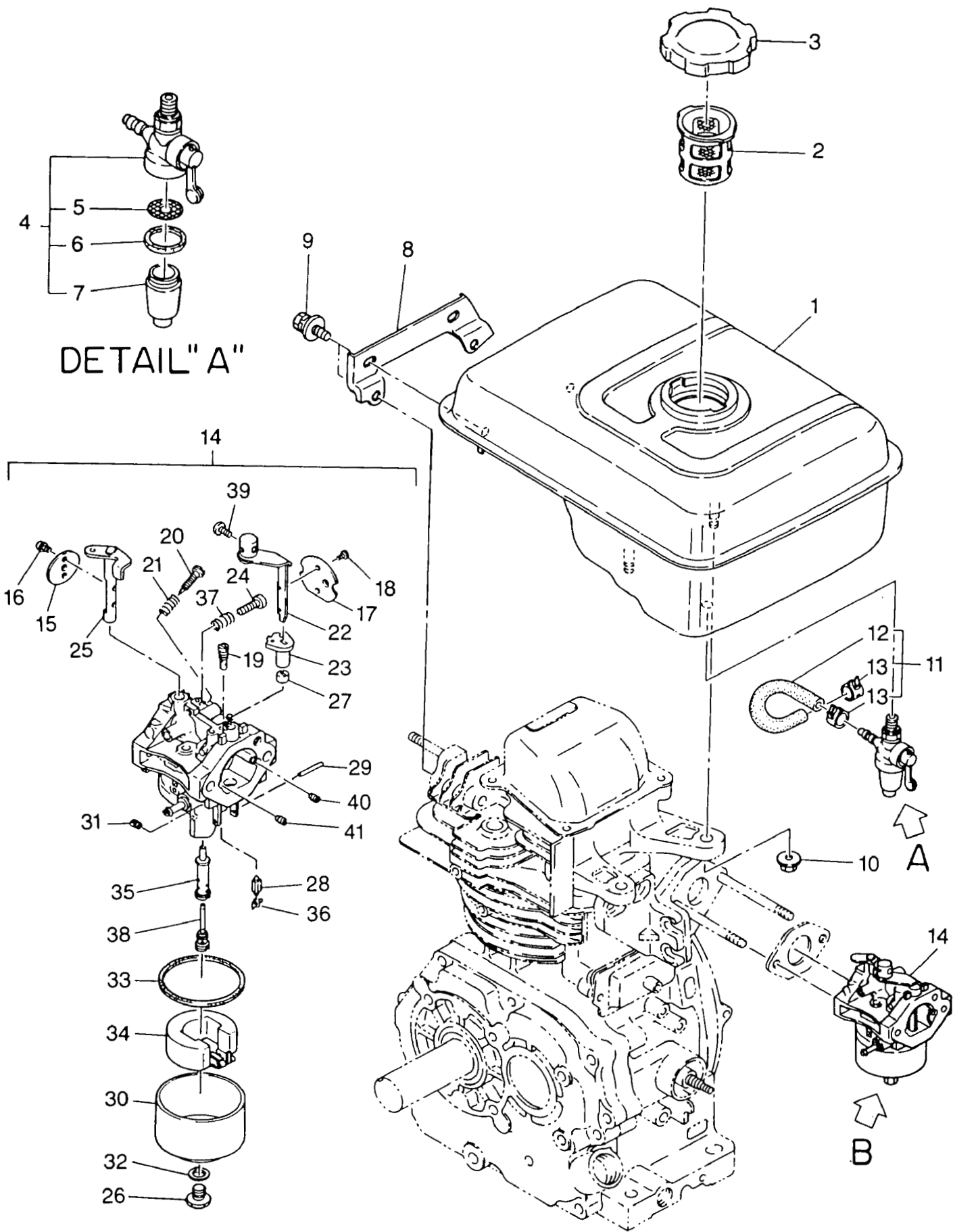
4. GOVERNOR GROUP

REF. NO.	PART NO.	DESCRIPTION	QTY.
1		GOVERNOR LEVER	1
2	EY2324220103	GOVERNOR SHAFT	1
3	EY2394250101	GOVERNOR SPRING	1
4	EY2394270101	GOVERNOR ROD	1
5	EY2274280103	ROD SPRING	1
6	EY0031306000	CLIP	2
7	EY0011406300	BOLT & WASHER ASS'Y.	1
8	EY0186060020	NUT	1
9	EY2394330501	SPEED CONTROL	1
10	EY2394350101	STOP PLATE	1
11	EY2394500203	SPRING WASHER	1
12	EY2144420101	WIRE BRACKET	1
13	EY0043105400	SCREW	1
14	EY0022705000	NUT	1
15	EY0031008000	WASHER	1
16	EY0179080012	WING NUT	1
17	EY0565040010	CLIP	1
18	EY0011006120	BOLT & WASHER ASS'Y.	2
19	EY2394500601	KNOB	1
20	EY0241020010	GROMMET	1
21	EY2394010211	CONTROL PANEL	1
22	EY2343600303	GASKET	1
	EY2394230107	GOVERNOR LEVER KIT (includes 1, 7 & 8)	1
	EY2394330207	SPEED CONTROL KIT (includes 9, 10, 11, 13, 14, 15, 16, & 17	1
	EY2394270107	GOVERNOR ROD AND SPRING SET (includes 3, 4 & 5)	1



5. COOLING AND STARTING GROUP

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2395144804	AIR SHROUD (includes 2)	1
2	239-50441-00	LABEL	1
3	EY0110060010	FLANGE BOLT	9
4	EY2395044200	RECOIL STARTER (includes 5-16 & 20)	1
5	EY2065011508	SPIRAL SPRING	1
6	EY2075012118	REEL COMPLETE	1
7	EY2075010708	ROPE ASS'Y. (includes 8 & 9)	1
8	EY2065010108	STARTER KNOB	1
9	EY2065011208	STARTER ROPE	1
10	EY2075012508	RATCHET	3
11	EY2065013008	FRICTION SPRING	1
12	EY2065013808	RETURN SPRING	1
13	EY2065014008	FRICTION PLATE	1
14	EY2065015208	THRUST WASHER	1
15	EY2065015308	NUT	1
16	EY2395024608	STARTING PULLEY	1
17	EY0016508120	BOLT	3
18	EY2395260101	HEAD COVER	1
19	EY2395270113	CYLINDER BAFFLE	1
20	EY2065015408	SPRING WASHER	1
21	EY2395016008	SEAL	1
22	EY0130060030	SCREW, STARTER SHROUD	4
	EY2395020207	HARDWARE KIT (includes 10-15 & 20)	1

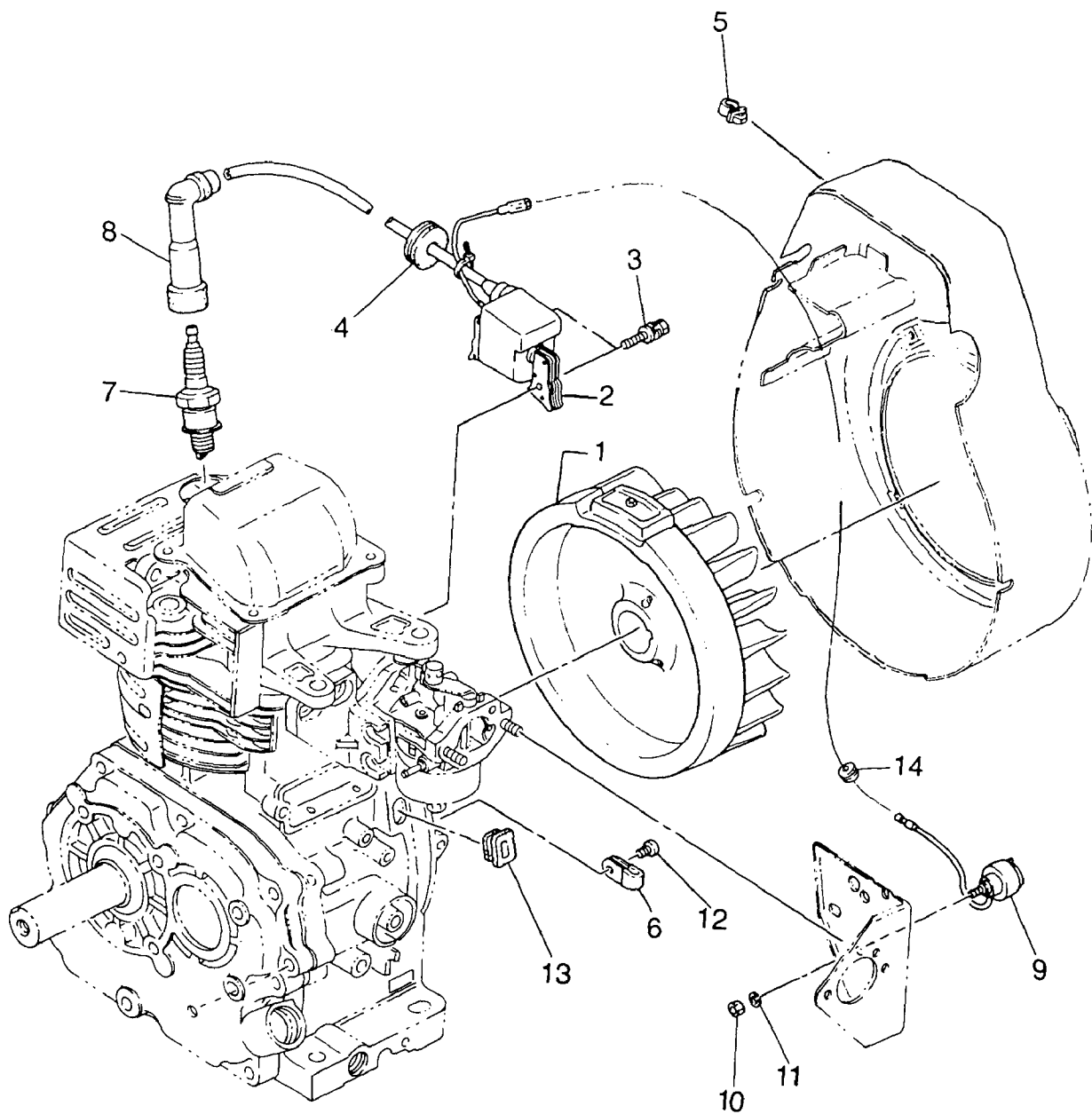


DETAIL "A"

DETAIL "B"

6. CARBURETOR AND FUEL TANK GROUP

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2396014101	FUEL TANK	1
2	EY0641360010	FUEL FILTER	1
3	EY0430430015	FUEL TANK CAP	1
4	EY0642003800	FUEL STRAINER ASS'Y. (includes 5-7)	1
5	EY0642001420	SCREEN	1
6	EY0642001430	RUBBER GASKET	1
7	EY0642001410	CUP	1
8	EY2396160101	BRACKET, FUEL TANK	1
9	EY0011408160	BOLT & WASHER ASS'Y.	4
10	EY0023808000	FLANGE NUT	2
11	EY2396260101	FUEL HOSE (includes 12 & 13)	1
12	EY0851040000	RUBBER HOSE	1
13	EY0561100030	HOSE CLAMP	2
14	EY2396231010	CARBURETOR ASS'Y. (includes 15-41)	1
15	EY2396253508	THROTTLE VALVE	1
16	EY2096230408	SCREW	2
17	EY2396252508	CHOKE VALVE	1
18	EY2266235108	SCREW	2
19	EY2096242008	PILOT JET	1
20	EY2396230508	PILOT SCREW	1
21	EY2066244608	SPRING	1
22	EY2396252008	LEVER, CHOKE	1
23	EY2346255008	RING	1
24	EY2396243508	SCREW	1
25	EY2396253108	THROTTLE SHAFT ASS'Y.	1
26	EY1296235108	BOLT	1
27	EY2396256008	RING	1
28	EY2246230508	NEEDLE VALVE ASS'Y.	1
29	EY2146251508	PIN, FLOAT	1
30	EY2246255008	FLOAT CHAMBER BODY	1
31	EY2276240408	MAIN JET	1
32	EY2076234508	GASKET	1
33	EY2066254008	GASKET	1
34	EY2346250508	FLOAT ASS'Y.	1
35	EY2396244008	MAIN NOZZLE	1
36	EY2396255008	CLIP	1
37	EY2396244508	SPRING	1
38	EY2396244108	NOZZLE	1
39	EY2096235408	SCREW	2
40	EY1066241008	AIR JET	1
41	EY1116241308	AIR JET	1
	EY2396230207	CARBURETOR REPAIR KIT (includes 16, 18, 20, 21, 24, 26, 27, 29, 32, 33, 36 & 37)	1
42	EY1566235108	GASKET	1
43	EY2366268008	SEAL	1
44	EY2396255108	CAP	1
45	EY1066239208	SEAL	1



7. IGNITION GROUP (SOLID STATE)

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2397012108	FLYWHEEL	1
2	EY2397013008	IGNITION COIL	1
3	EY0011706250	BOLT & WASHER ASS'Y.	2
4	EY2267024508	GROMMET	1
5	EY0566000190	CLAMP	1
6	EY2077500201	CLAMP	1
7	EY0650140440	SPARK PLUG	1
8	EY0655000190	SPARK PLUG CAP	1
9	EY0662000050	STOP BUTTON ASS'Y.	1
10	EY0021704000	NUT	2
11	EY0032004000	SPRING WASHER	1
12	EY0043106080	SCREW	1
13	EY2147500103	GROMMET	1
14	EY0261030030	GROMMET	1