

PARTS AND OPERATION MANUAL

MULTIQUIP

Model GA-3.6RZ2

A.C. GENERATOR

Revision #2 (03/05/01)

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OPERATION AND SAFETY DECALS

Machine Safety Decals

The GA-3.6RZ2 portable generator is equipped with a number of safety decals. These decals are provided for operator safety and maintenance information. The illustration below shows these decals as they appear on the machine. Should any of these decals become unreadable, replacements can be obtained from your dealer.



P/N 7910631002

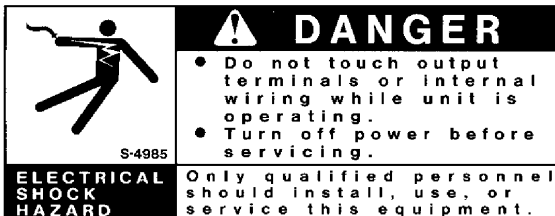


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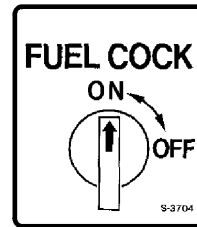
OPERATING INSTRUCTIONS

1. Before starting check the oil and fuel level.
2. Switch the circuit breaker to the "OFF" position.
3. Open the fuel valve.
4. Pull the choke knob.
5. Turns the operation switch to the "RUN" position and push
6. Pull the recoil starter.
7. After the engine starts, gradually push in the choke valve.
8. Run the generator for 3-5 minutes without load.
9. Check for any abnormal noise or smell.
10. Switch the circuit breaker to the "ON" position.
11. When stopping, remove the load and allow it to continue to run for 2-3 minutes before stopping engine.
12. Turns the operation switch to the "STOP" position.
13. After the engine completely stops, close the fuel valve.

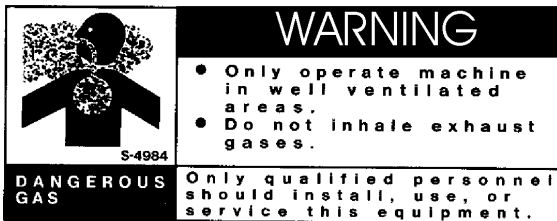
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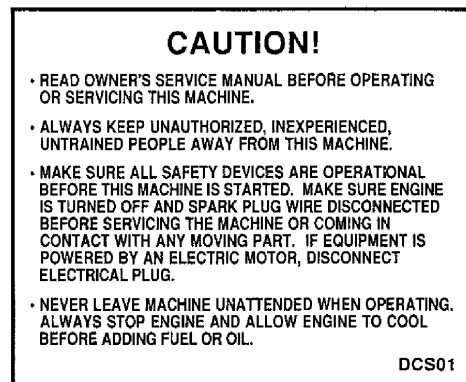
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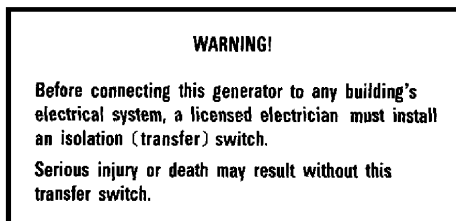
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P/N 8700611804



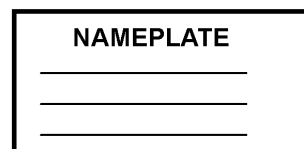
P/N 0820610804



P/N 0820610404



P/N 0800628504



CONTACT MULTIQUIP SERVICE DEPT.

GA-3.6RZ2 — SUGGESTED SPARE PARTS

GA-3.6RZ2 WITH ROBIN EH-25 ENGINE

1 to 5 Units

Qty.	P/N	Description
1	0601805327	CIRCUIT BREAKER
1	0601811031	RECEPTACLE, GFCI
1	0601812597	RECEPTACLE, 125V, 30A
1	0601811032	RECEPTACLE, 250V, 20A
1	0601823204	RECTIFIER
1	0810106004	CAP, FUEL TANK
2	0810107103	FUEL FILTER, STRAINER
1	0605510024	FUEL COCK
5	2343260407	ELEMENT, AIR CLEANER ROUND
5	2343600203	ELEMENT, AIR CLEANER RECT.
5	0650140150	SPARK PLUG
1	KS31102301	OIL SENSOR
1	0669900217	SWITCH, ON/OFF

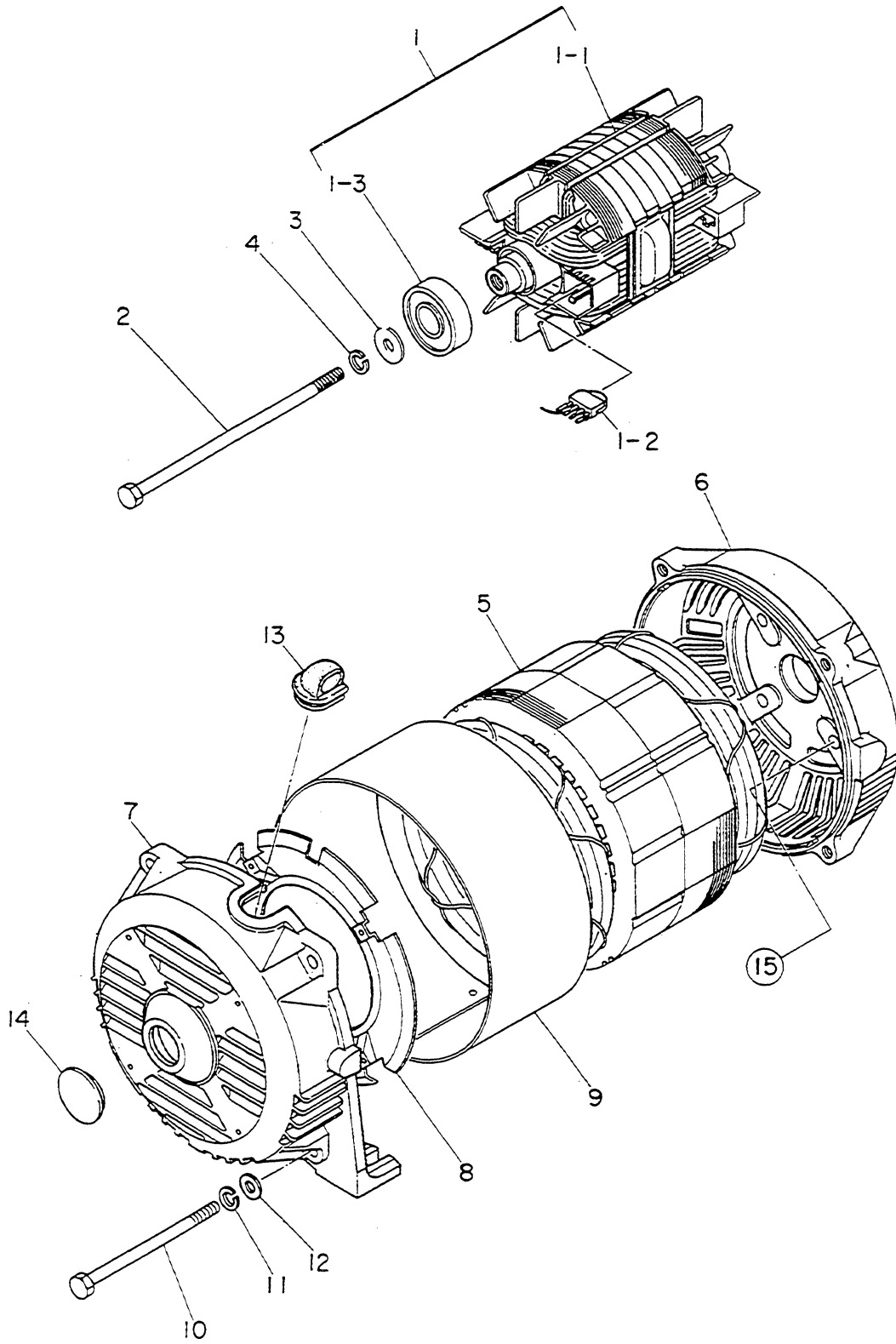
5 to 10 Units

Qty.	P/N	Description
2	0601805327	CIRCUIT BREAKER
2	0601811031	RECEPTACLE, GFCI
2	0601812597	RECEPTACLE, 125V, 30A
2	0601811032	RECEPTACLE, 250V, 20A
2	0601823204	RECTIFIER
2	0810106004	CAP, FUEL TANK
4	0810107103	FUEL FILTER, STRAINER
2	0605510024	FUEL COCK
10	2343260407	ELEMENT, AIR CLEANER ROUND
10	2343600203	ELEMENT, AIR CLEANER RECT.
10	0650141030	SPARK PLUG
2	KS31102301	OIL SENSOR
2	0669900207	SWITCH, ON/OFF
1	0601823853	SLOWDOWN UNIT
1	0601800258	AC VOLTMETER
1	0601810695	OIL ALARM LAMP
2	7895419004	RUBBER SUSPENSION
4	7685115504	RUBBER SUSPENSION
1	2545020100	RECOIL STARTER ASSY.
1	2536240400	CARBURETOR ASSY.
1	2547943011	IGNITION COIL

NOTE

Part numbers on this Suggested Spare Parts List may supercede/replace the P/N shown in the text pages of this book.

GENERATOR ASSY.

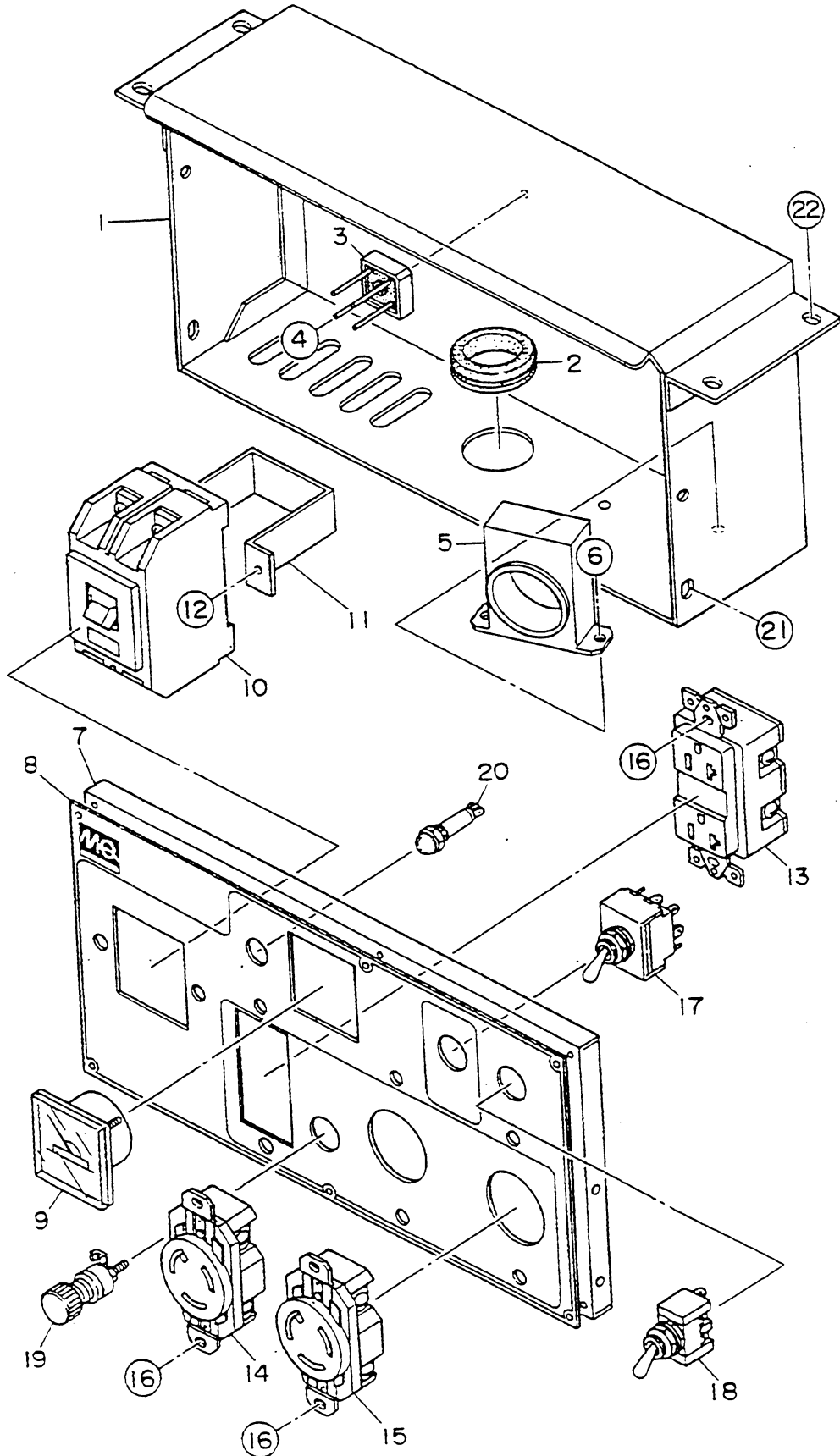


GENERATOR ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	7911000403	ROTOR ASSY.	1	INCLUDES ITEMS W/*
1-1*	7661080003	FIELD COIL	1	
1-2*	0601823207	RECTIFIER	2	D3SB60(S)
	0601822636	SURGE ABSORBER	2	TNR15G431K
1-3*	0071706304	BEARING, 6304	1	2RUNYCM
2	7661017104	SET BOLT, ROTOR	1	
3	0801086104	SET WASHER, BEARING	1	
4	0040010000	SPRING WASHER	1	
5	7911340403	ARMATURE ASSY.	1	
6	7661315112	END BRACKET	1	
7	7871315022	END BRACKET	1	
8	7875021513	GUIDE PANEL, AIR	1	
9	7661331003	COVER	1	
10	7661344204	SET BOLT, STATOR	4	
11	0040008000	SPRING WASHER	4	
12	0041208000	PLAIN WASHER	4	
13	7871329514	GROMMET	1	
14	0601851760	CAP	1	
15	0017108020	HEX. HEAD BOLT	4	

GA-3.6RZ2 — CONTROL BOX ASSY.

CONTROL BOX ASSY.



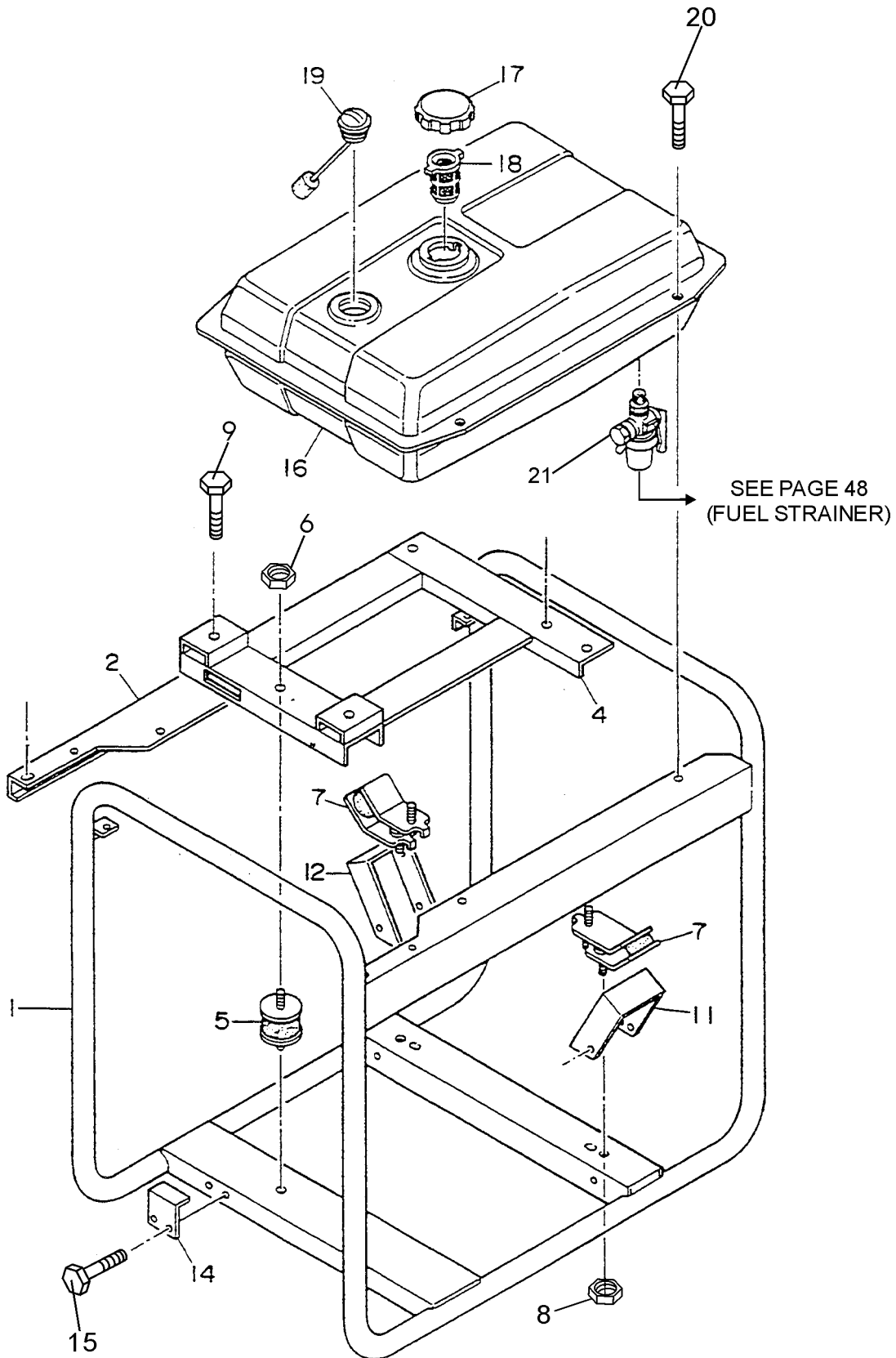
GA-3.6RZ2 — CONTROL BOX ASSY.

CONTROL BOX ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	7911811503	CONTROL BOX	1	UP TO S/N 5116919
	7911811513	CONTROL BOX	1	FROM S/N 5116920
2	0601850102	GROMMET	1	
3	0601823204	RECTIFIER	2	S5VB60
4	0027103020	MACHINE SCREW	2	
5	0601823853	SLOW DOWN UNIT	1	ND-80
6	0027104010	MACHINE SCREW	2	
	0027004000	HEX NUT	2	
7	7911821503	CONTROL PANEL	1	UP TO S/N 5116919
	7911821513	CONTROL PANEL	1	FROM S/N 5116920
8	7910501302	NAME PLATE	1	N-5641
9	0601800258	AC VOLTMETER	1	
10	0601805327	CIRCUIT BREAKER, 13.5A	1	
11	4341817004	BRACKET, CIRCUIT BREAKER	1	
12	0027104010	MACHINE SCREW	2	
13	0610811031	RECEPTACLE, 5-20R GFCI	1	REPLACES 0601811035
14	0601812597	RECEPTACLE, L5-30R,125V,30A	1	
15	0601811032	RECEPTACLE, L6-20R,250V,20A	1	
16	0027104010	MACHINE SCREW	6	
	0207004000	HEX NUT	6	
17	0601830737	FULL POWER SWITCH	1	ET330D12
18	0601830727	IDLE CONTROL SWITCH	1	ET115A12
19	0601815109	GROUND TERMINAL	1	
20	0602123555	OIL ALARM LAMP	1	06-106PR
21	0017105016	HEX. HEAD BOLT	4	
22	0017106016	HEX. HEAD BOLT	3	

GA-3.6RZ2 — PIPE FRAME ASSY.

PIPE FRAME ASSY.



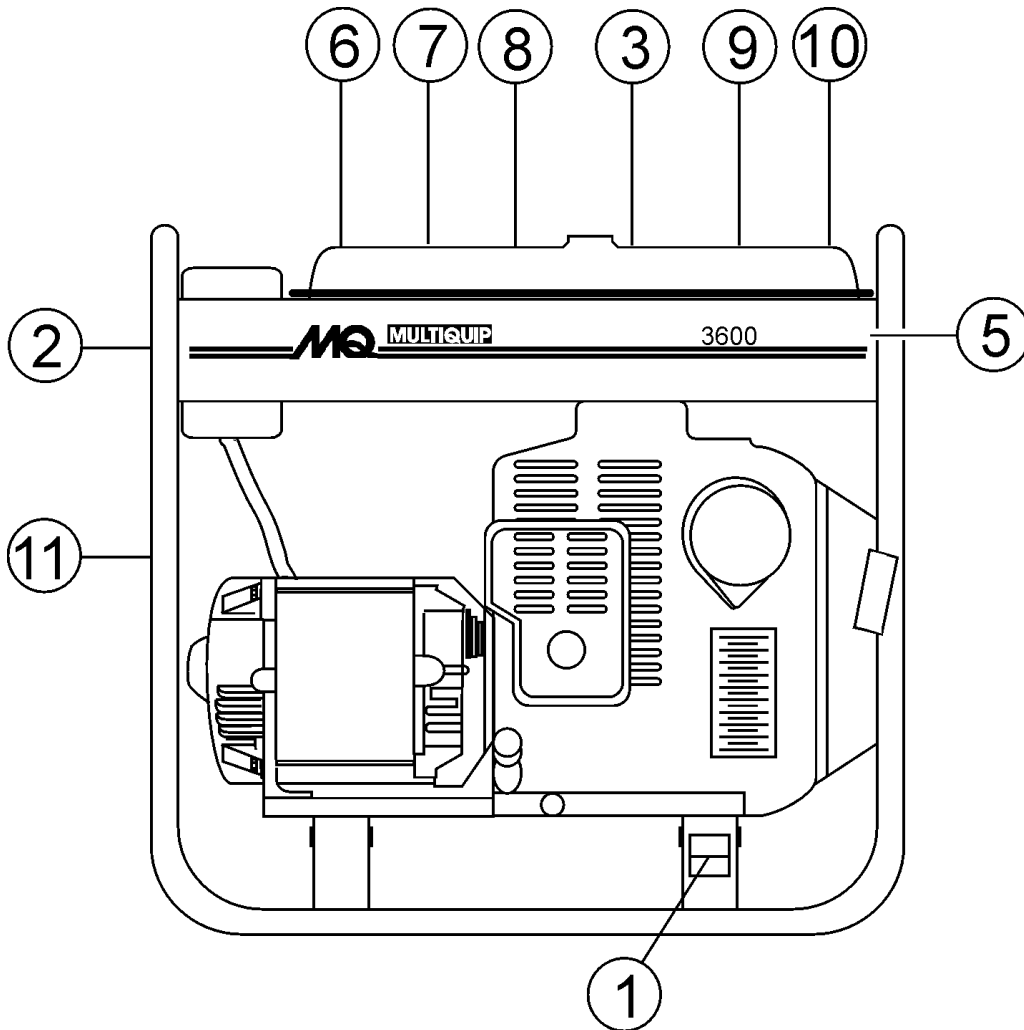
GA-3.6RZ2 — PIPE FRAME ASSY.

PIPE FRAME ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	7915411102	PIPE FRAME	1	UP TO S/N 5116919
	7915411112	PIPE FRAME	1	FROM S/N 5116920
2	7915414103	BRACKET	1	UP TO S/N 5116919
	7915414113	BRACKET	1	FROM S/N 5116920
3	0017106016	HEX,HEAD BOLT	2	
4	7915442103	BASE	1	
5	7895419004	RUBBER SUPENSION	1	
6	0207008000	HEX,NUT	2	
7	7685115504	RUBBER SUPENSION	2	
8	0207008000	HEX,NUT	4	
9	0017108030	HEX,HEAD BOLT	2	
	0207008000	HEX,NUT	2	
10	0017108040	HEX,HEAD BOLT	1	
	0207008000	HEX,NUT	1	
11	7915455003	COVER	1	
12	7915455103	COVER	1	
13	0017106016	HEX,HEAD BOLT	6	
14	7915456004	STOPPER	1	
15	0017106016	HEX, HEAD BOLT	2	
16	7945510102	FUEL, TANK	1	
17	0810106004	CAP, FUEL TANK	1	
18	0810107103	FUEL FILTER	1	
19	0602125031	FUEL GAUGE	1	
20	0017108020	HEX, HEAD BOLT	4	
21	0642008900	FUEL COCK	1	SEE PAGES 48 AND 49

GA-3.6RZ2 — NAME PLATE AND DECALS

NAME PLATE AND DECALS

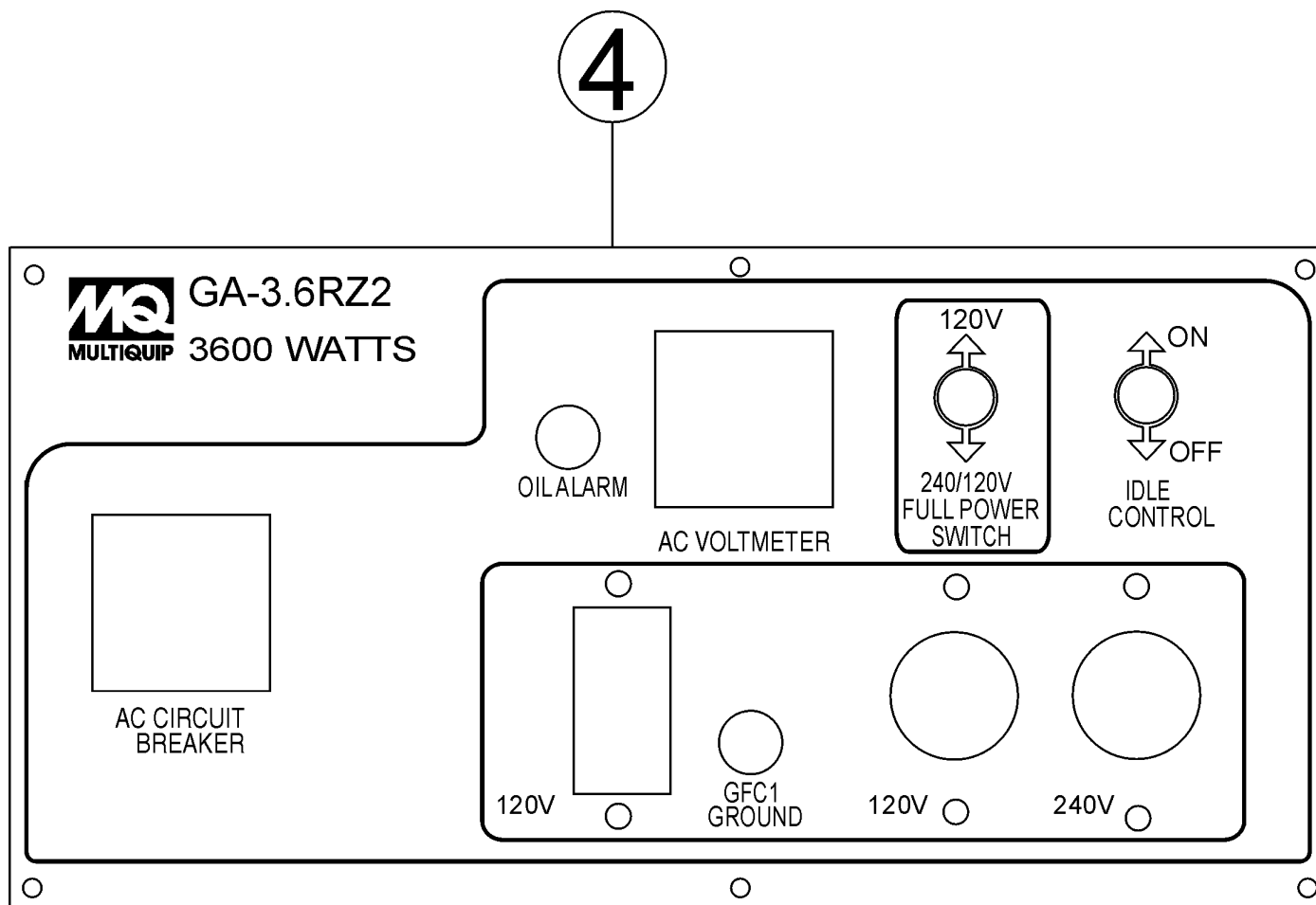


GA-3.6RZ2 — NAME PLATE AND DECALS

NAME PLATE AND DECALS

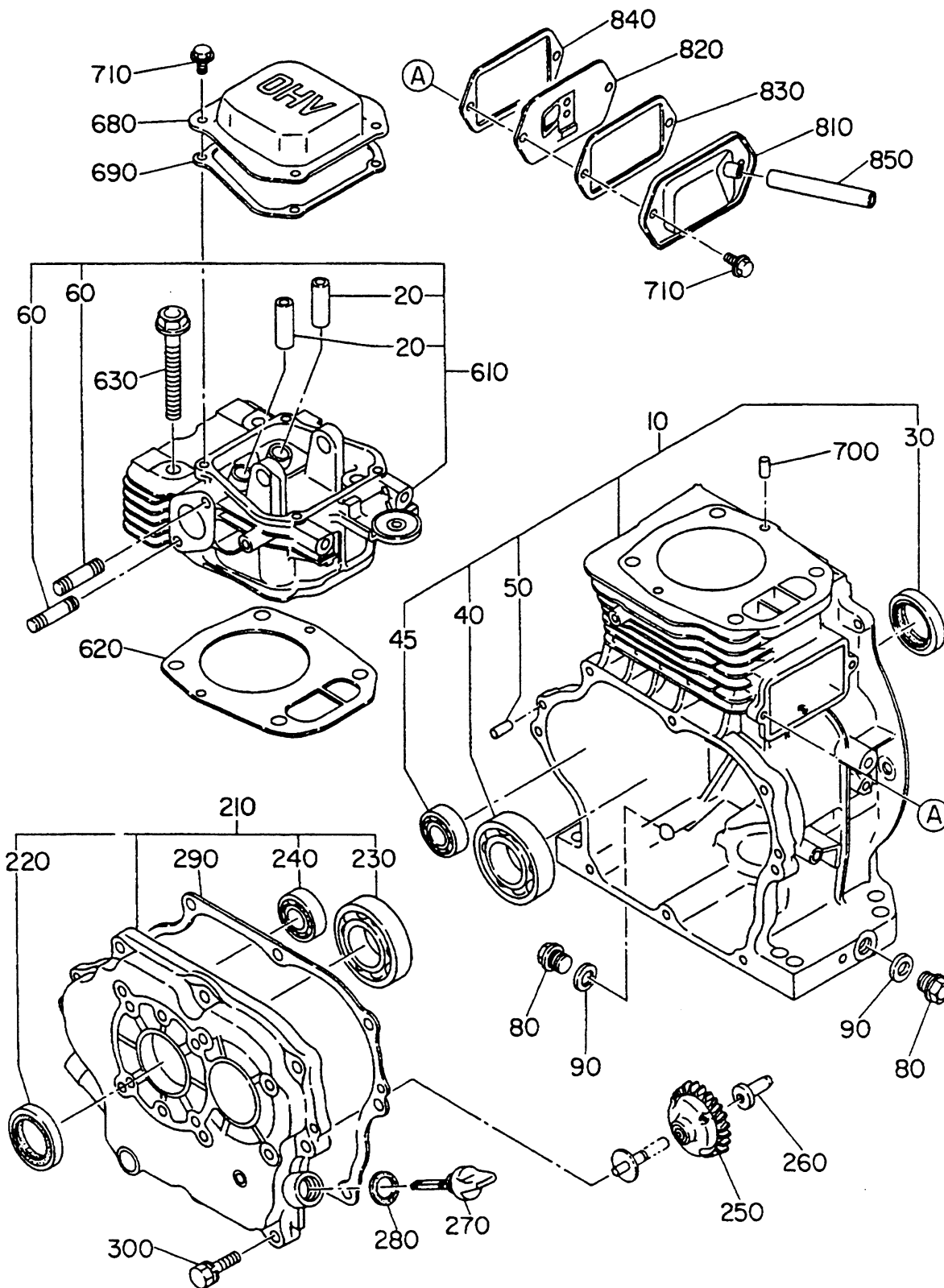
NO	PART NO	PART NAME	QTY.	REMARKS
1	0800628504	DECAL : GROUND	1	S-1123
2	1980680004	DECAL : FUEL COCK	1	S-3704
3	7900638204	DECAL : OPERATING INSTRUCTIONS	1	S-4605
4	7910501302	DECAL : MQ GA-3.6RZ2	1	S-5641
5	7910631002	DECAL : MQ 3600	1	S-3753
6	0820610804	DECAL : CAUTION	1	S-3311
7	0820610404	DECAL : WARNING	1	S-3627
8	7900636004	DECAL : OPERATE AT 3600 RPM ONLY	1	S-4461
9	8700611804	DECAL : WARNING	1	S-4984
10	8700611904	DECAL : DANGER	1	S-4985
11	DCLGA36RZ2	PLATE, SERIAL NO. KIT, DECAL	1	CONTACT MQ SERVICE DEPT. W/MODEL & S/N INCLUDES ITEMS W/*

SEE DECAL ILLUSTRATIONS ON PAGE 7.



ROBIN EH-25 ENGINE — CRANKCASE ASSY.

CRANKCASE ASSY.



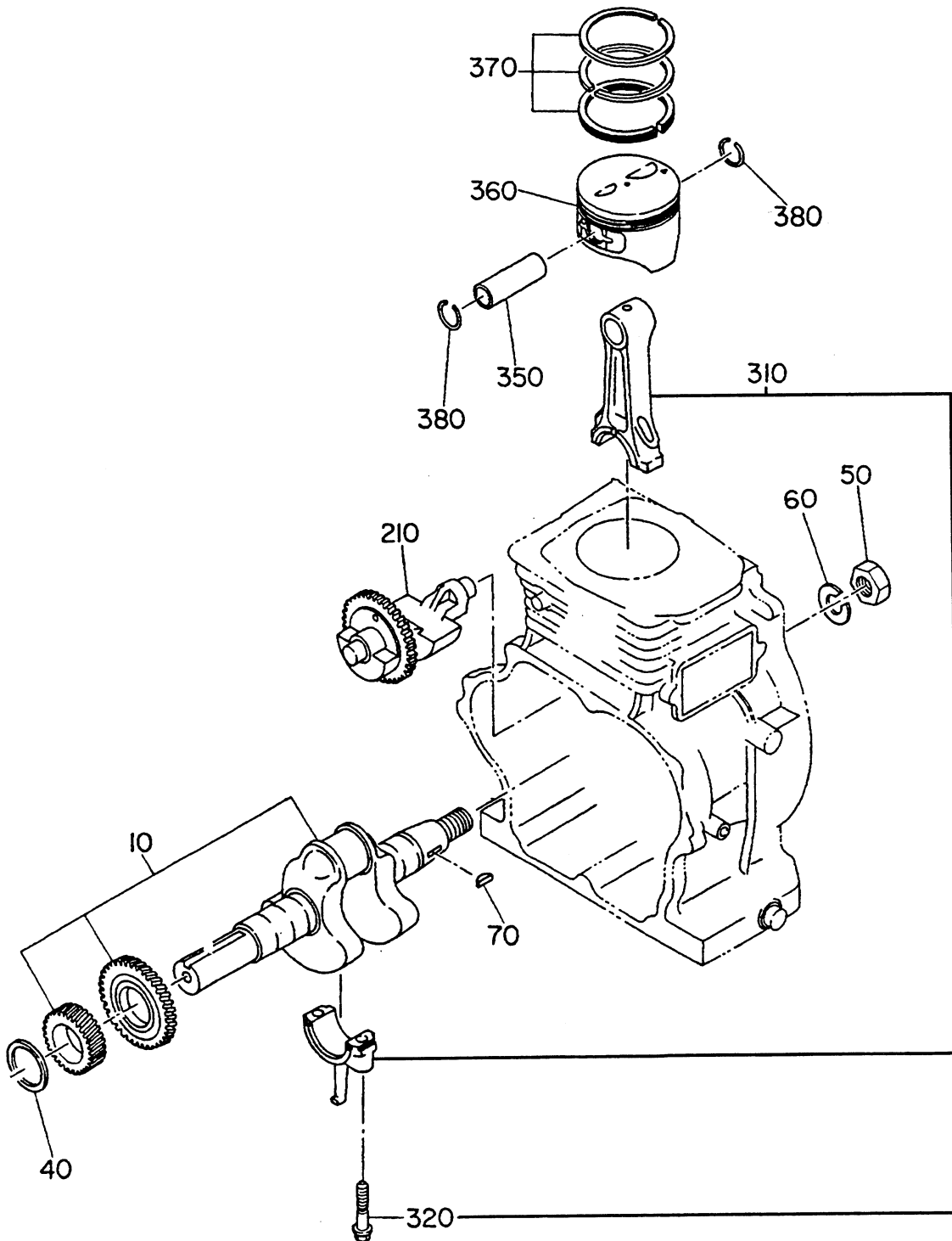
ROBIN EH-25 ENGINE — CRANKCASE ASSY.

CRANKCASE ASSY.

NO	PART NO	PART NAME	QTY.	REMARKS
10	2541010111	CRANKCASE	1	INCLS. ITEMS W/+ FROM S/N 1032215 TO 1032214
	2541010101	CRANKCASE	1	
20#	2461420203	VALVE GUIDE	2	
30+	0440300030	OIL SEAL	1	
40+	0600300220	BALL BEARING	1	
45+	0600150010	BALL BEARING	1	
50+	0310060020	DOWEL PIN	2	
60#	0013208500	STUD	2	
80	0401140030	PLUG	2	
90	0211140020	GASKET	2	
210	2541110301	MAIN BEARING COVER	1	INCLUDES ITEMS W/%
220%	0440300030	OIL SEAL	1	
230%	0600300220	BALL BEARING	1	
240%	0600150010	BALL BEARING	1	
250	2344500101	GOVERNOR GEAR	1	
260	2054190103	GOVERNOR SLEEVE	1	
270	2276360103	OIL GAUGE	1	
280*	0213160010	GASKET	1	
290*	2541600103	GASKET MA BEARING COVER	1	
300	0011308300	BOLT & WASHER	8	
610	2541300111	CYLINDER HEAD	1	INCLS. ITEMS W/# FROM S/N 1032215 TO 1032214
	2541300101	CYLINDER HEAD	1	
620*	2541500113	GASKET CYL HEAD	1	
630#	0110100040	FLANGE BOLT	4	
680	2541550103	ROCKET COVER	1	
690*	2541600503	GACKET ROCKET COVER	1	
700	0310060020	DOWEL PIN	2	
710	0110060020	FLANGE BOLT	6	
810	2541430101	BREATHER COVER	1	
820	2541440101	BREATHER PLATE	1	
830*	2461600603	GASKET BREATHER COVER	1	
840*	2461600703	GASKET BREATHER PLATE	1	
850	0851080000	RUBBER PIPE, 8X11X75 mm	1	
	2549900107	GASKET SET	1	INCLUDES ITEMS W/* ALSO INCLUDES GASKETS FROM THE INTAKE & EXHAUST ASSY. ON PAGES 38 & 39 ITEMS 340, 555 & 560.

ROBIN EH-25 ENGINE — CRANKSHAFT & PISTON ASSY.

CRANKSHAFT & PISTON ASSY.



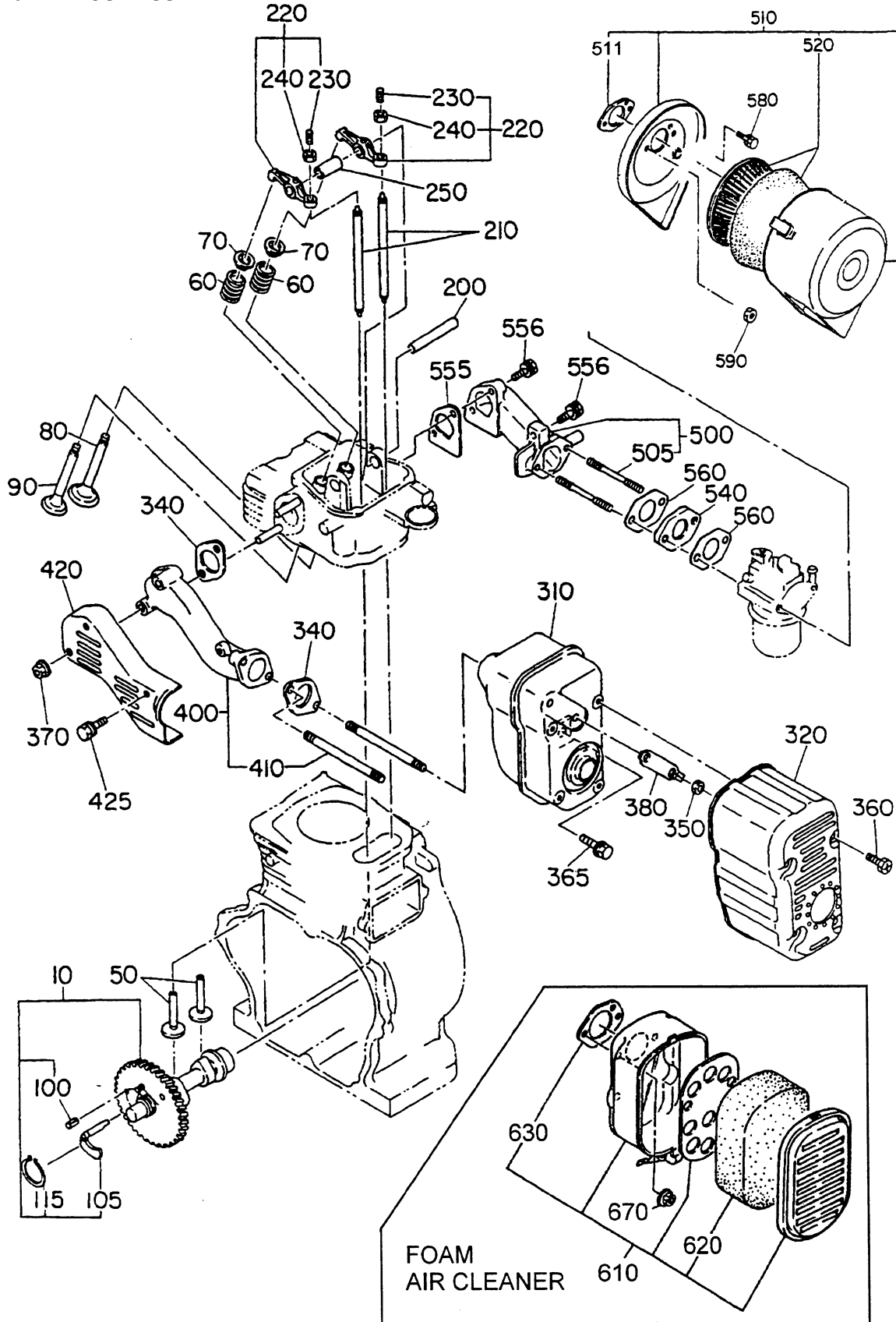
ROBIN EH-25 ENGINE — CRANKSHAFT & PISTON ASSY.

CRANKSHAFT & PISTON ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
10	2542090101	CRANKSHAFT, STD 1IN. KEYED	1	
40	0230300170	SPACER T =0.6 mm	1	
	0230300180	SPACER T =0.8 mm	1	
	0230300190	SPACER T =1.0 mm	1	
50	0021818000	NUT	1	
60	0032018000	SPRING WASHER	1	
70	0323030010	WOODRUFF KEY	1	
210	2542410103	BALANCER SHAFT	1	
310	2542250100	CONNECTING ROD	1	INCLUDES ITEMS W/*
320*	2462300103	CONN ROD BOLT	2	
350	2542330103	PISTON PIN	1	
360	2542340103	PISTON	1	
	2542340203	PISTON, 0.25 mm	1	
	2542340303	PISTON, 0.50 mm	1	
370	2542350107	PISTON RING SET	1	
	2542350207	PISTON RING SET, 0.25 mm	1	
	2542350307	PISTON RING SET, 0.50 mm	1	
380	0565180010	CLIP	2	

ROBIN EH-25 ENGINE — INTAKE & EXHAUST ASSY.

INTAKE & EXHAUST ASSY.



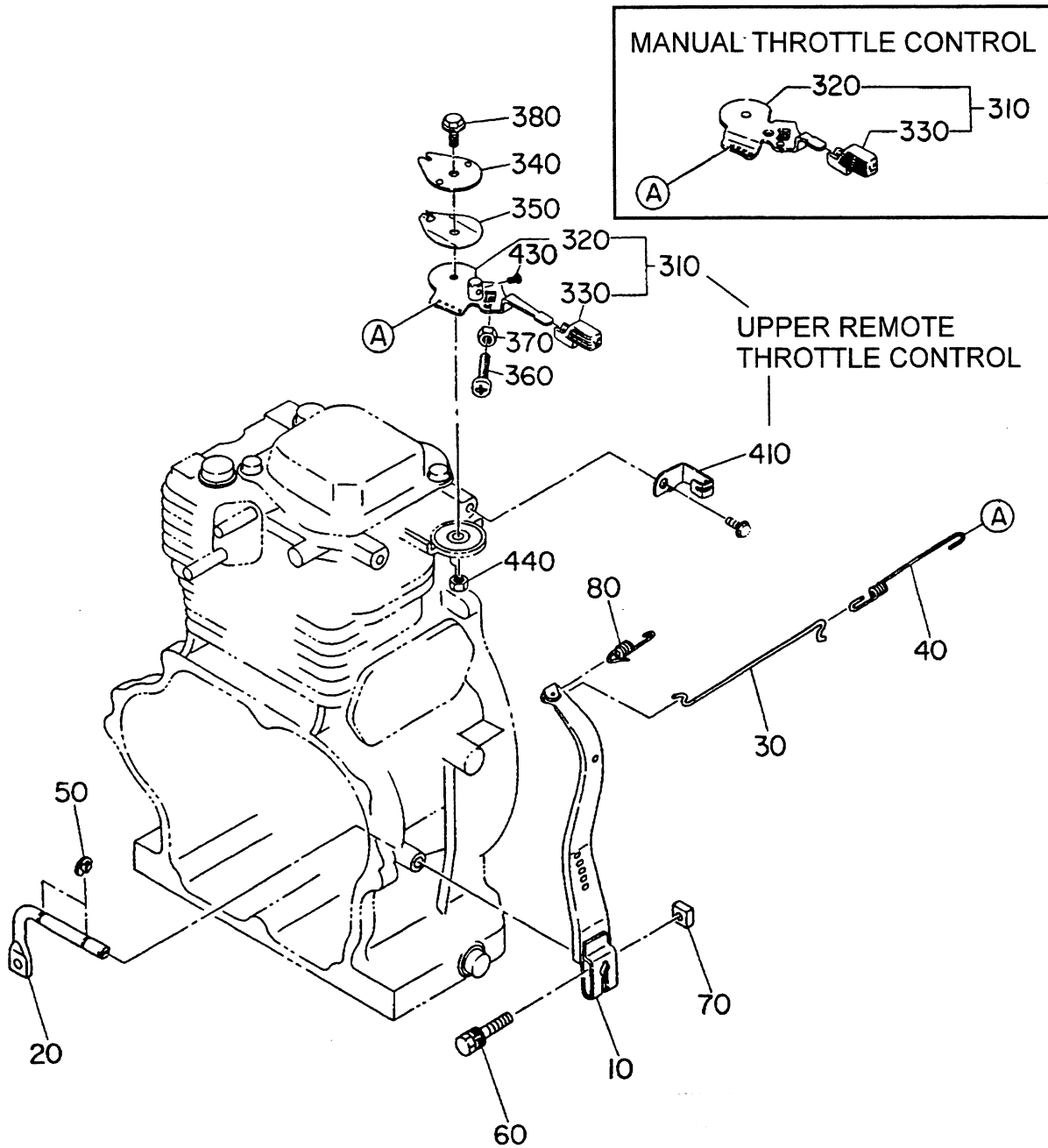
ROBIN EH-25 ENGINE — INTAKE & EXHAUST ASSY.

INTAKE & EXHAUST ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
10	2543170101	CAMSHAFT	1	INCLUDES ITEMS W/#
50	2543330103	TAPPET	2	
60	2543360103	VALVE SPRING	2	
70	2463370113	SPRING RETAINER	2	
80	2543340103	INTAKE VALVE	1	
90	2543350103	EXHAUST VALVE	1	
100#	0051904100	SPRING PIN	1	
105#	2543640103	RELEASE LEVER	1	
115#	0031522000	SNAP RING	1	
200	2393500103	ROCKER SHAFT	1	
210	2463610110	PUSH ROD	2	REPLACES 2483530111
220	2463610110	ROCKER ARM	2	INCLUDES ITEMS W/*
230*	0149080021	ADJUSTING SCREW	2	
240*	0170080090	NUT	2	
250	2543612013	SPACER	1	
310	25430410101	MUFFLER	1	
320	2543420101	MUFFLER COVER	1	
340	2463520103	GASKET MUFFLER	2	
350	0170080030	NUT	2	
360	0152050010	TAPPING SCREW	4	
365	0011008160	BOLT& WASHER	1	
370	0180080010	FLANGE NUT	2	
380	2543610103	LOCK WASHER	1	
400	2543400101	EXHAUST PIPE	1	INCLUDES ITEMS W/+
410+	0105080410	STUD	2	
420	2543480101	EXHAUST PIPE COVER	1	
425	0110060050	FLANGE BOLT	1	REPLACES 0110060010
500	2543300101	INTAKE PIPE	1	INCLUDES ITEMS W/%
505%	0105060190	STUD	2	REPLACES 0105060191
510	2543260210	AIR CLEANER ASSY.	1	INCLUDES ITEMS W/■
511■	2343600308	PACKING	1	
520■	2343260407	ELEMENT	1	
540	2343290103	INSULATOR	1	
555	2463600113	GASKET INPIPE	1	
556	0011308280	BOLT& WASHER	3	
560	2343590203	GASKET 2 (INSULATOR)	2	
580	0011006120	BOLT& WASHER	1	
590	2263921200	NUT & WASHER	2	
610	2393260110	AIR CLEANER ASSY.	1	INCLUDES ITEMS W/\$
620\$	2343600203	ELEMENT	1	
630\$	2343600303	GASKET	1	
670	0023706000	FLANGE NUT	2	REPLACES 0023806000

ROBIN EH-25 ENGINE — GOVERNOR ASSY.

GOVERNOR ASSY.



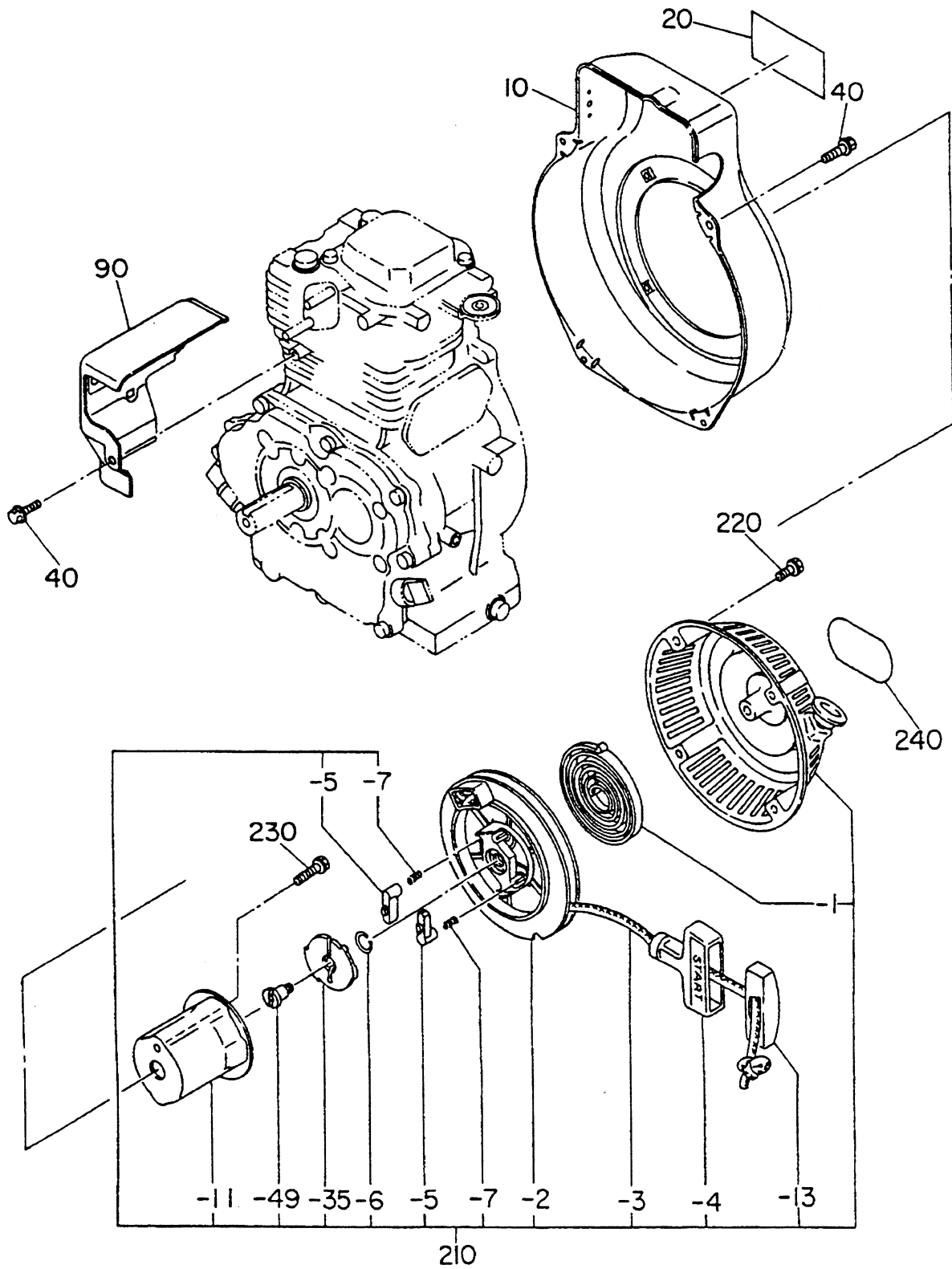
ROBIN EH-25 ENGINE — GOVERNOR ASSY.

GOVERNOR ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
10	2544230101	GOVERNOR LEVER	1	
20	2464220103	GOVERNOR SHAFT	1	
30	2544270101	GOVERNOR ROD	1	
40	2544280103	ROD SPRING	1	
50	0031306000	CLIP	2	
60	0011406250	BOLT & WASHER	1	
70	0186060020	NUT	1	
80	2544250113	GOVERNOR SPRING	1	
310	2274330200	SPEED CONTROL ASSY.	1	INCLUDES ITEMS W/*
320*	2274330201	SPEED CONTROL CP	1	
330*	2274360103	KNOB	1	
340	2274350113	STOP PLATE	1	REPLACES 2274350101
350	2274500203	SPRING WASHER	1	
360	0043106300	SCREW PANHEAD	1	
370	020106050	NUT	1	REPLACES 0022706000
380	0110060050	FLANGE BOLT	1	
410	2544420001	WIRE BRACKET	1	
430	0043500480	SCREW PANHEAD	1	REPLACES 0043104080
440	020106050	NUT	1	REPLACES 0022706000

ROBIN EH-25 ENGINE — COOLING & STARTING ASSY.

COOLING & STARTING ASSY.



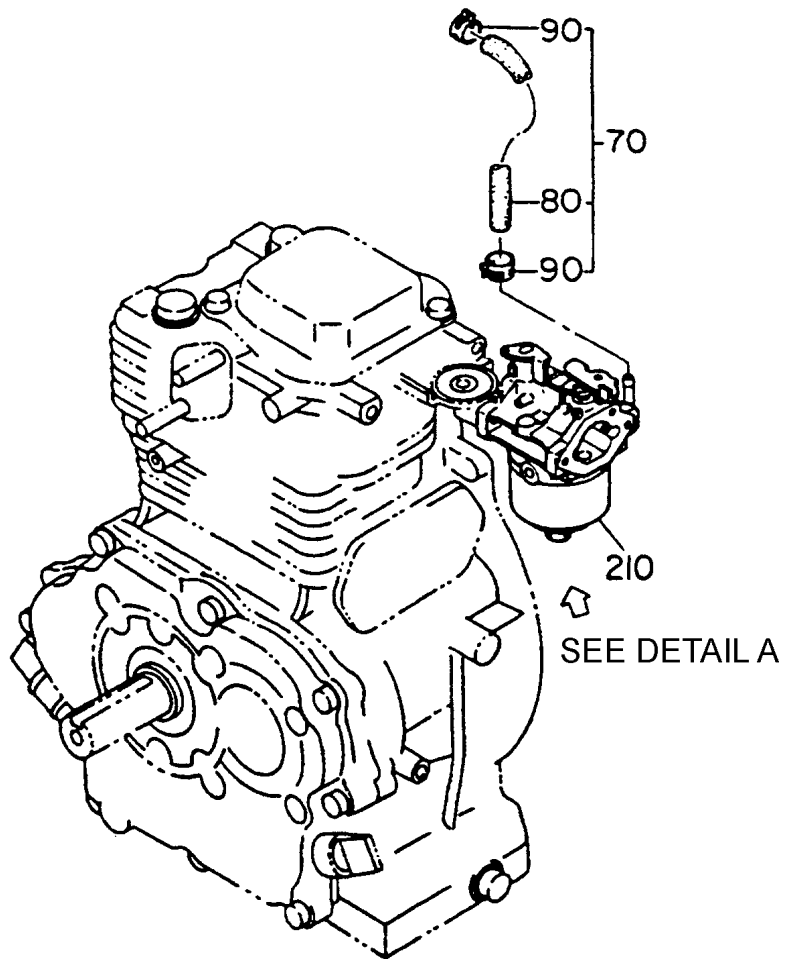
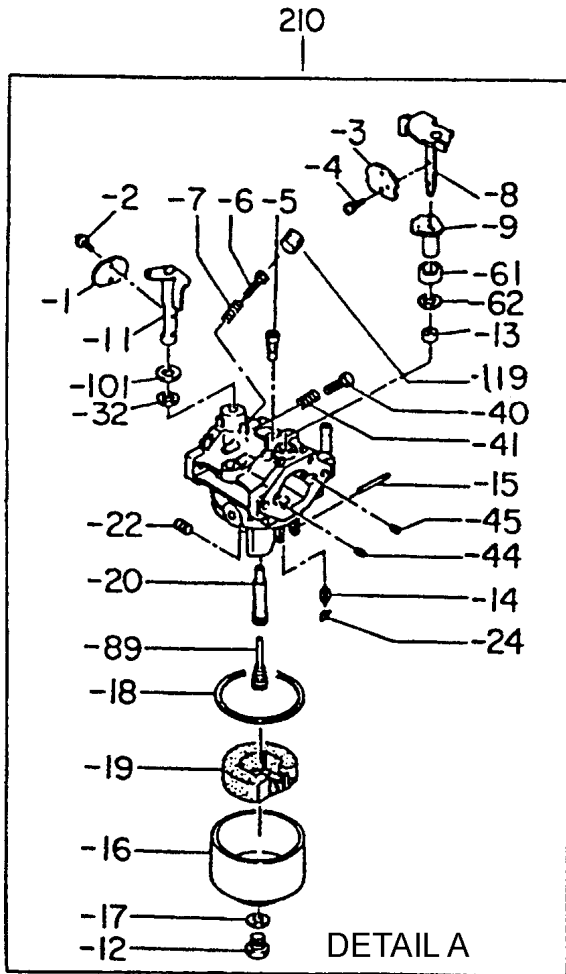
ROBIN EH-25 ENGINE — COOLING & STARTING ASSY.

COOLING & STARTING ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
10	2545345101	BLOWER HOUSING, BLACK	1	
20	2549170303	LABEL TRADE MARK	1	
40	0110060020	FLANGE BOLT	5	
90	2545270103	HEAD COVER	1	
210	2545020100	RECOIL STARTER	1	INCLUDES ITEMS W/ *
210-1*	2155051508	SPIRAL SPRING	1	
210-2*	2345012018	REEL	1	
210-3*	1065011308	STARTER ROPE	1	
210-4*	2265010008	STARTER KNOB	1	
210-5*	1615012508	RATCHET	2	
210-6*	2275013108	FRICTION SPRING	1	
210-7*	2275013508	RETURN SPRING	2	
210-11*	2545014508	PULLEY	1	
210-13*	2275015008	KNOB CAP	1	
210-35*	1615015008	RATCHET GUIDE	1	
210-49*	2275015208	SET SCREW	1	
220	0110060010	FLANGE BOLT	4	
230	0110060030	FLANGE BOLT	1	
240	0732004350	LABEL OHV	1	

ROBIN EH-25 ENGINE — CARBURETOR ASSY.

CARBURETOR ASSY.



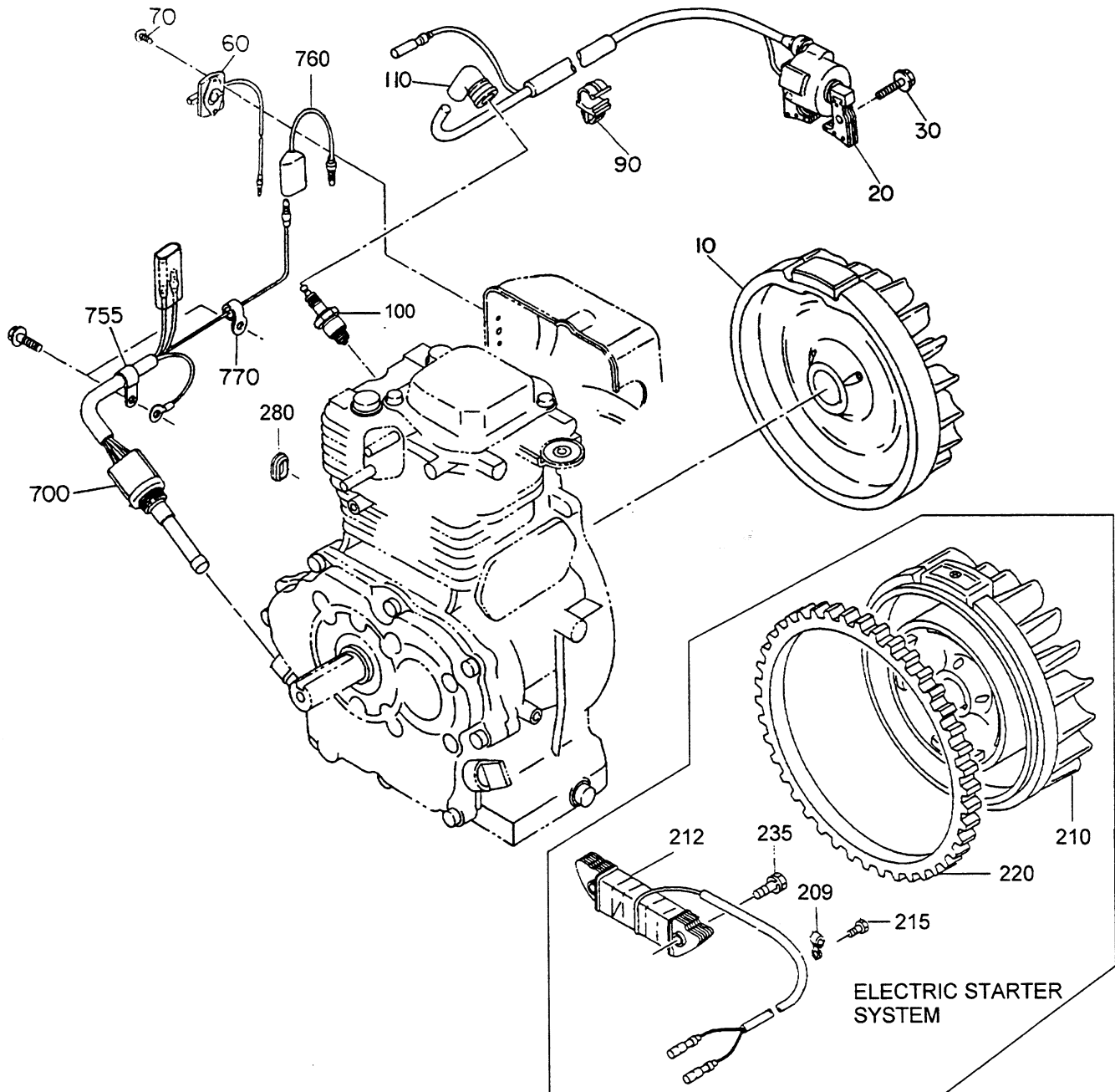
ROBIN EH-25 ENGINE — CARBURETOR ASSY.

CARBURETOR ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
70	2346260101	FUEL PIPE	1	INCLUDES ITEMS W/#
80#	0851060230	RUBBER PIPE, 6X12X70mm	1	REPLACES 0851060000
90#	1561110020	HOSE CLAMP	2	
210	2536240400	CARBURETOR	1	INCLUDES ITEMS W/ *
210-1*	2206253608	THROTTLE VALVE	1	
210-2*	2376245108	SCREW	2	
210-3*	2366252808	CHOKE VALVE	1	
210-4*	2376245108	SCREW	2	
210-5*	2536242008	PILOT JET	1	
210-6*	2466243608	PILOT SCREW	1	
210-7*	2096244508	SPRING	1	
210-8*	2366252008	CHOKE LEVER	1	
210-9*	2396256008	RING	1	
210-11*	2366260008	THROTTLE SHAFT	1	
210-12*	2366245108	BOLT	1	
210-13*	2266255008	RING	1	
210-14*	1616235208	NEEDLE	1	
210-15*	2366251008	PIN	1	
210-16*	2366255108	FLOAT CHAMBER BODY	1	
210-17*	2366245008	PACKING	1	
210-18*	2366254008	PACKING	1	
210-19*	5806083350	FLOAT	1	REPLACES 2366250508
210-20*	2386244008	MAIN NOZZLE	1	
210-22*	2536240108	MAIN JET	1	
210-32*	5806083210	SEAL	1	REPLACES 1066239208
210-40*	2466243508	ADJUSTING SCREW	1	
210-41*	2366244508	SPRING	1	
210-61*	2476255008	CAP CHOKE	1	
210-62*	2366268008	SEAL	1	
210-89*	2356242508	GUIDE HOLDER	1	
210-101*	2366263108	RING	1	
210-119*	2466255108	CAP	1	

ROBIN EH-25 ENGINE — IGNITION COIL ASSY. AND SPARK PLUG

IGNITION COIL ASSY. AND SPARK PLUG



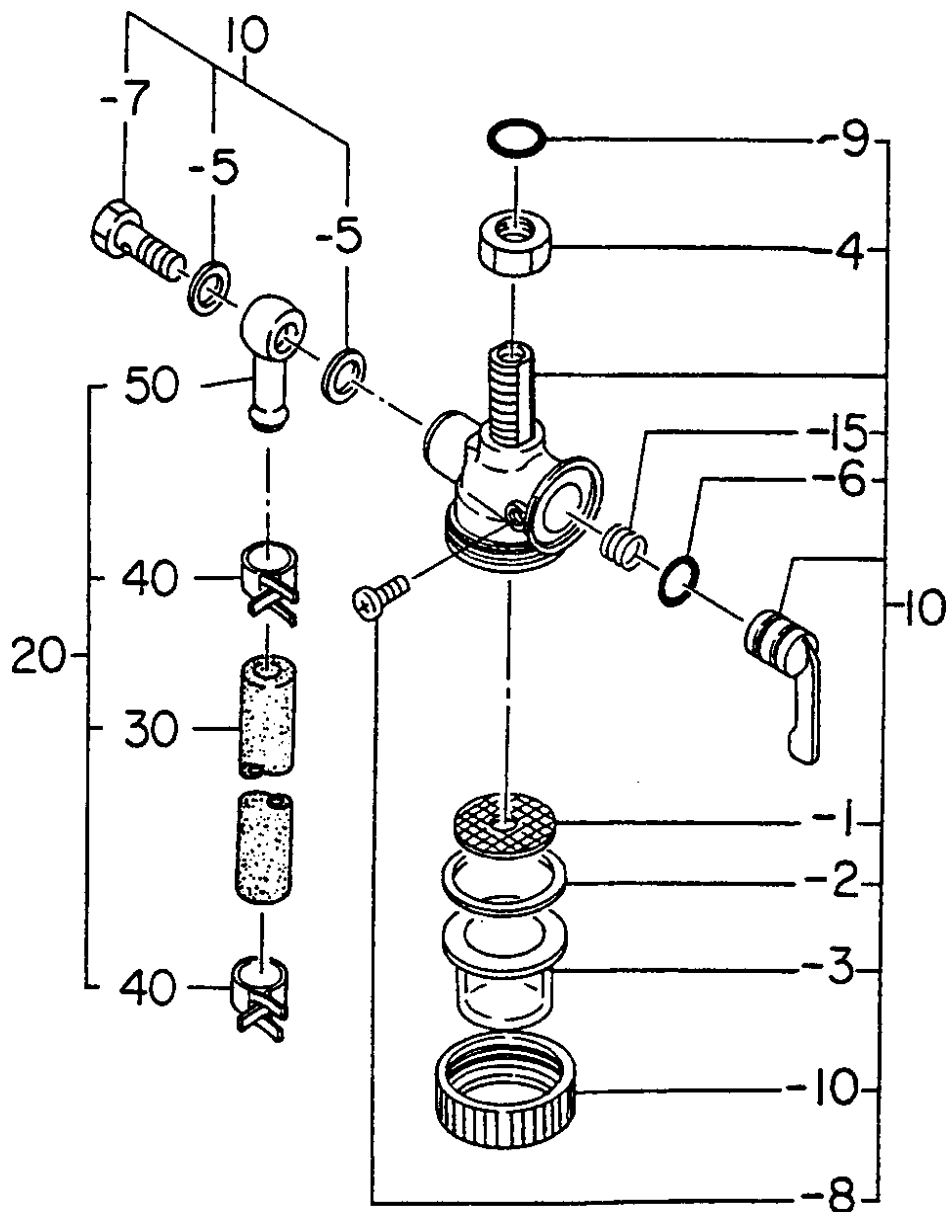
ROBIN EH-25 ENGINE — IGNITION COIL ASSY. AND SPARK PLUG

IGNITION COIL ASSY. AND SPARK PLUG

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
10	2347012108	FLY WHEEL	1	
20	2547013018	IGNITION COIL	1	REPLACES 2547943011
30	0043506250	BOLT & WASHER	2	
60	0669900217	SWITCH	1	REPLACES 0669900207
70	0150040090	TAPPING SCREW	2	
90	0566000250	CLAMP	1	
95	0659000010	PLUG TERMINAL	1	
100	0650140150	SPARK PLUG	1	REPLACES 0650141030
110	0655000051	PLUG CAP	1	
209	2067550101	CLAMP	1	
210	2347020301	FLYWHEEL	1	
212	2277963201	CHARGING COIL	1	
215	0110060010	FLANGE BOLT	1	
220	2547100203	RING GEAR	1	
235	0043506250	SCREW & WASHER	2	
280	2267550103	GROMMET	1	
700	KS31102301	OIL SENSOR	1	
755	2147900301	CLAMP	1	
760	2147312201	WIRE 22	1	
770	0566120050	CLAMP	1	

ROBIN EH-25 ENGINE — FUEL STRAINER

FUEL STRAINER ASSY.



ROBIN EH-25 ENGINE — FUEL STRAINER

FUEL STRAINER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
10	0642008900	FUEL STRAINER ASSY.	1	INCLUDES ITEMS W/# REPLACES 0605510024
10-1#	0642000220	FILTER	1	
10-2#	0642000230	GASKET	1	
10-3#	0642001910	CUP (NYLON)	1	
10-4#	0642002360	LOCK NUT	1	
10-5#	0642000250	GASKET	2	
10-6#	0642000330	O--RING	1	
10-7#	0642000240	BANJO BOLT	1	
10-8#	0642002790	LOCK BOLT	1	
10-9#	0642000330	O--RING	1	
10-10#	0642002410	LOCK NUT	1	
10-15#	0642003230	SPRING	1	
20	2696260401	FUEL PIPE 4 CP	1	INCLUDES ITEMS W/*
30*	2696800403	RUBBER PIPE	1	
40*	0561110020	HOSE CLAMP	2	
50*	0521070042	BANJO	1	