

Robin Industrial Engines®

PARTS MANUAL

Model

R1100

Generator

PUB-GP6049

Rev. 05/04

Robin
SUBARU

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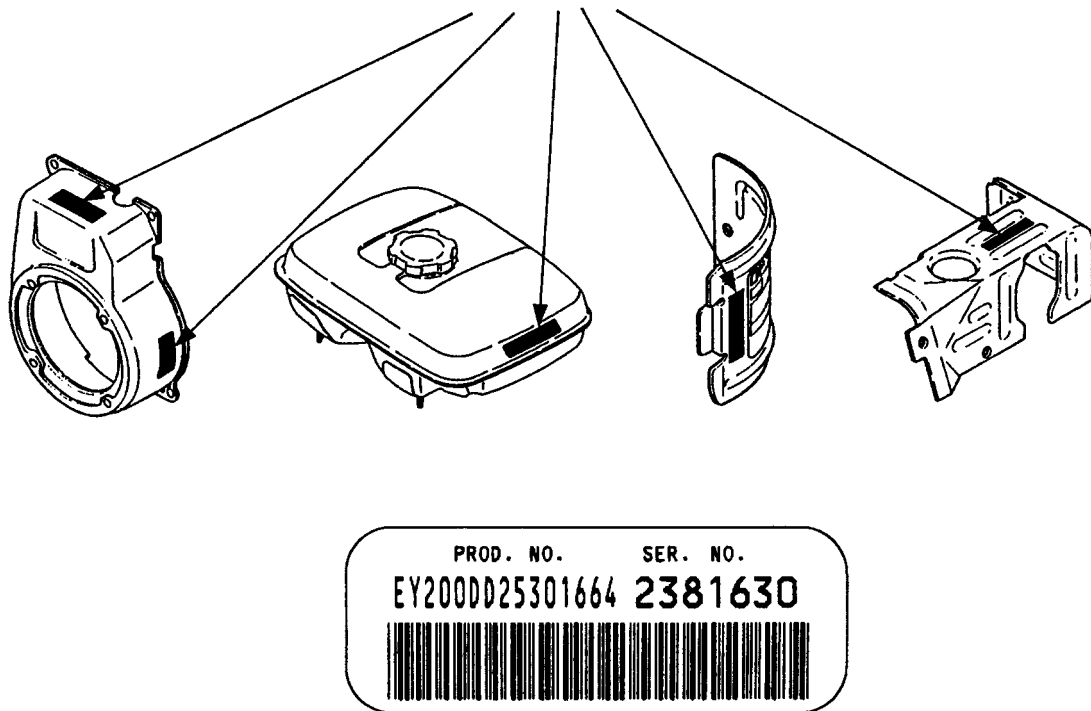
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HOW TO USE THIS MANUAL

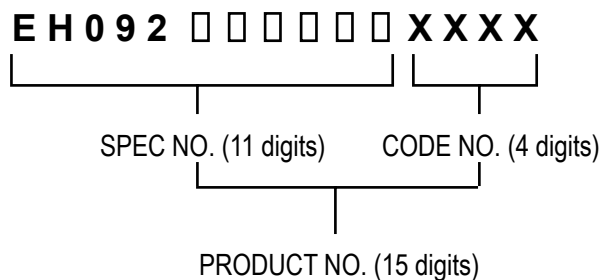
Robin engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant difference.

In order to identify the correct service part number, it is important to confirm the specification and code numbers for your engine. The specification and code number together are known as the PRODUCT NUMBER.

All Robin 4 cycle engines have a Product Number label similar to the label illustrated below.



The Product Number Label has a 15 digit alphanumeric string that consists of the SPECIFICATION (SPEC) number (11 digits) and the CODE number (4 digits). Please note the illustration below:



MANUAL LAYOUT

1— SECTION 6 FUEL GROUP

2— FIG. 600

1— SECTION 6 FUEL GROUP

REF.	PART NO.	DESCRIPTION	QTY.	REMARKS	FROM-TO	FIG.
10	267-60103-01	FUEL TANK CP	1	YD, YS TYPE, BLACK		600
	267-60101-01	FUEL TANK CP	1	YELLOW		600
27	073-20039-00	LABEL, WARNING	1	YD, YS TYPE		600
30	043-04300-15	FUEL TANK CAP CP	1			600
31	267-95201-03	LABEL, EMISSION	1	YD, YS TYPE		600
40	064-13600-10	FUEL FILTER	1			600
50	064-20021-01	FUEL STRAINER AY	1			600
-1	064-20002-20	FILTER	1			600
-2	064-20002-30	GASKET	1			600
-3	064-20019-10	CUP	1			600

1. SECTION NAME Parts are broadly classified according to their functions.
Refer to the Group Index (table of contents) for respective section name.
2. FIG. No. The FIG. number indexes the reference and part numbers to the illustration. Figure numbers that vary only in the tens place (i.e.: 700 and 710) are in a group of the same section (i.e.:Electrical Device Group).
3. REF. No . The Reference number identifies the part illustration with the corresponding part number in the part list.
4. SUBASSEMBLY SUBASSEMBLY parts of part assembly are listed below the assembly part. The subassembly part reference number is indicated by the number led by "-" such as "-1", "-2".
5. PART NUMBER It is the number assigned for sales unit. Use the PART No. when making an order.
6. DESCRIPTION It is designation of the part.
7. QTY. Quantity of each part used for each product.
8. REMARKS This gives a distinctive feature and/or a supplementary comment for the type, the specification, and the part concerned. It also shows part number(s) interchangeable for the part.
9. FROM-TO This section shows the CODE No. to indicate the history of progress in which improved parts have been introduced in the product. The FROM-TO CODE No. helps to identify PART No. being employed in the product concerned. See the examples below:
- The part is used in the product irrespective of CODE No.
- 2101- The part is used in the products with CODE No. of 2101 and after this number.
- 2100 The part is used in the products with CODE No. of 2100 and before this number.

GROUP INDEX

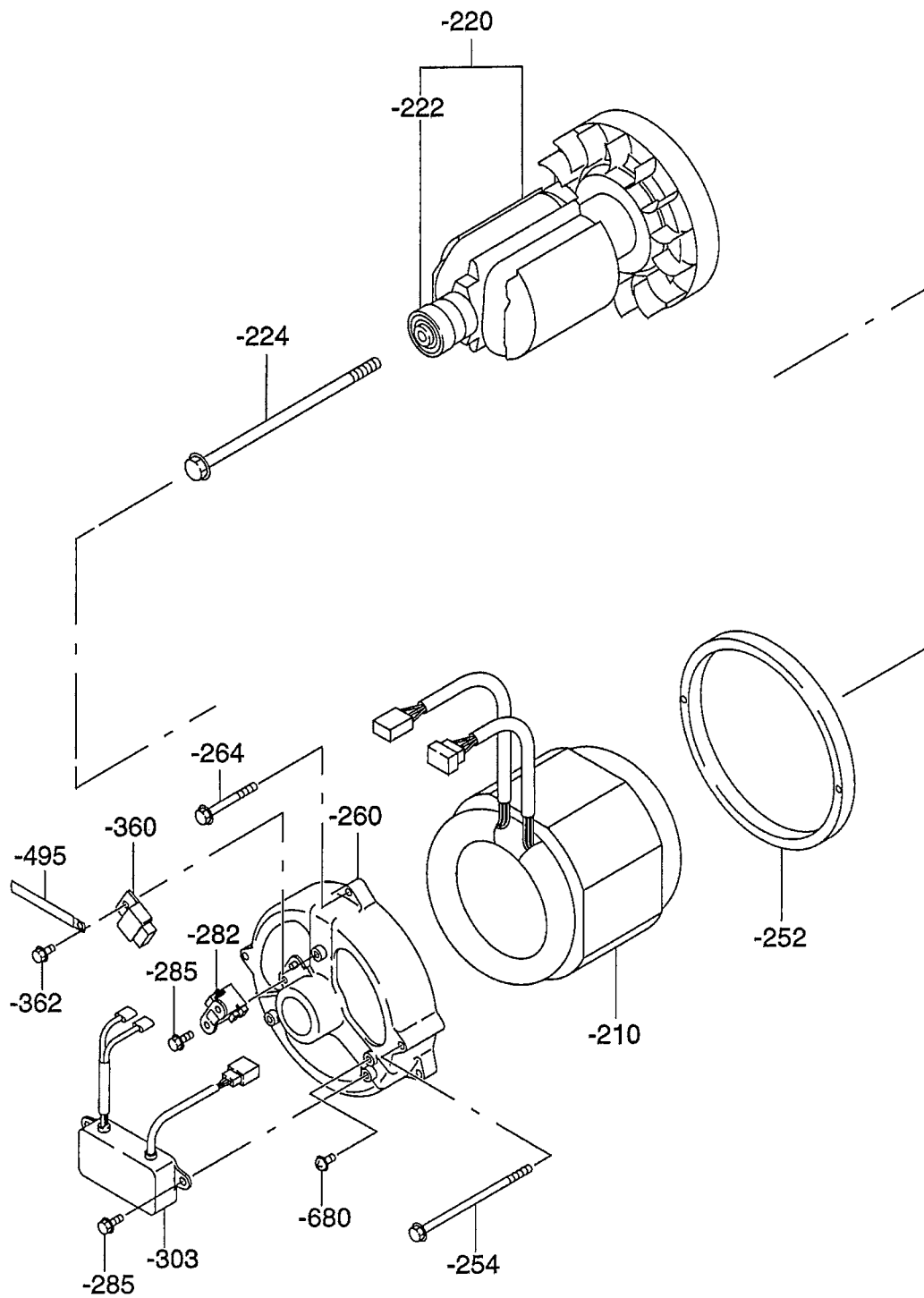
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INDEX OF DESCRIPTION SYMBOLS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AY	ASSEMBLY	P=	PITCH (in mm)
CP.....	COMPLETE	P.T.O. (PTO)	POWER TAKE OFF
EX.....	EXPORT (from Japan)	REF.....	REFERENCE
FIG.....	FIGURE	R.H. (RH).....	RIGHT HAND SIDE
FR.....	FRONT	RR.	REAR
"	INCH	STD.	STANDARD
INCL.	INCLUDE	SW	SWITCH
~L.....	LITER	T=	THICKNESS (in mm)
L=	LENGTH (in. mm)	UN	UNIT
L.H. (LH).....	LEFT-HAND SIDE	U.S.....	UNDER SIZE
MECH.....	MECHANICAL	~V	VOLTAGE
NO (NON).....	NONE	~W	WATT
OPT.....	OPTIONAL	W/	WITH
O.S.	OVER SIZE	W/O	WITHOUT

SECTION 1

GENERATOR GROUP

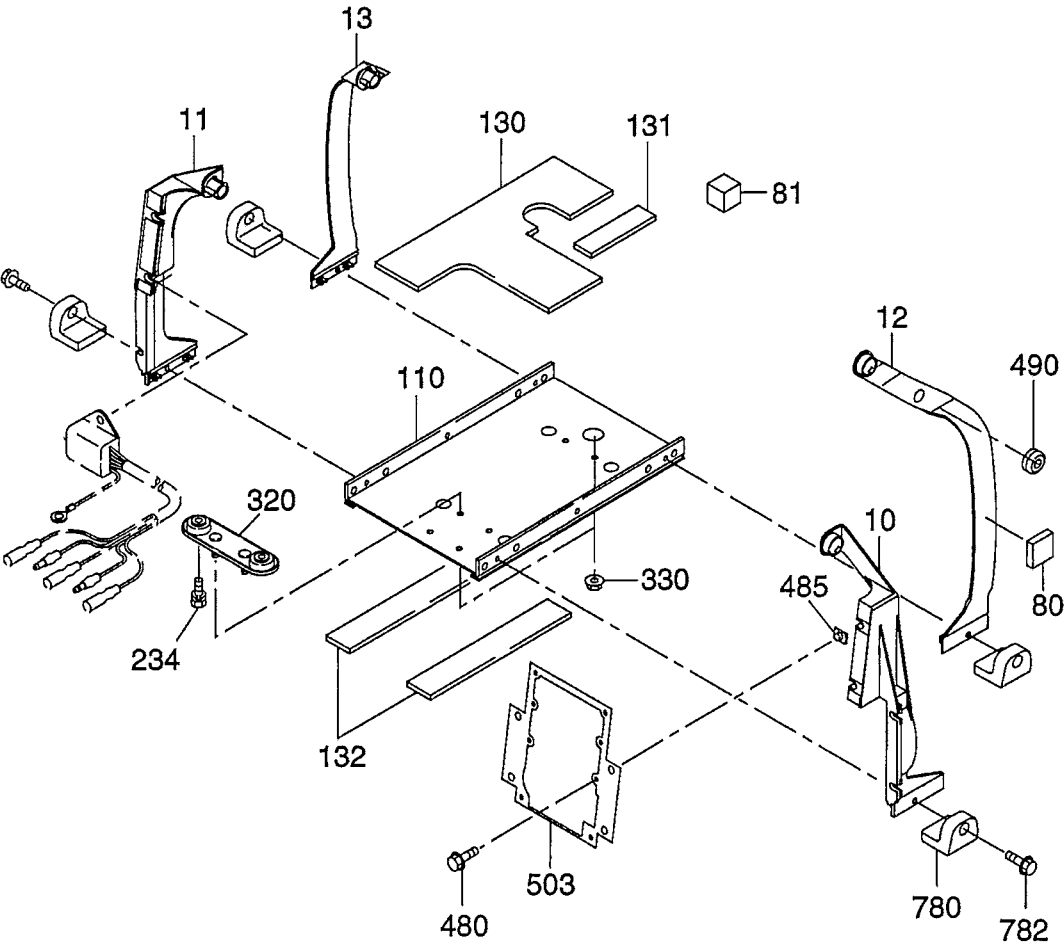
FIG. 100



SECTION 1 GENERATOR GROUP

[illegible]

FIG. 200

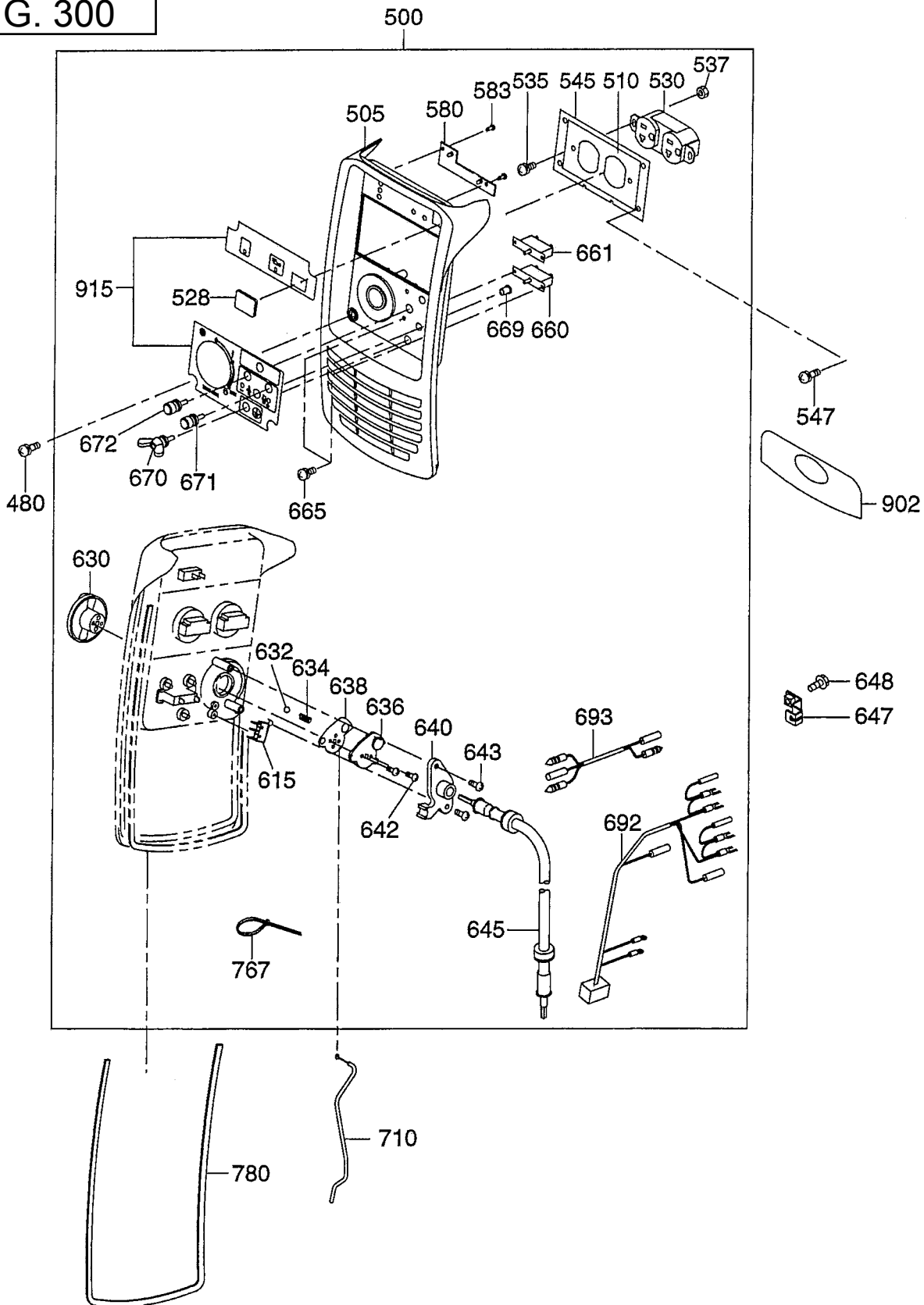


SECTION 2 FRAME GROUP

[illegible]

CONTROL GROUP

FIG. 300

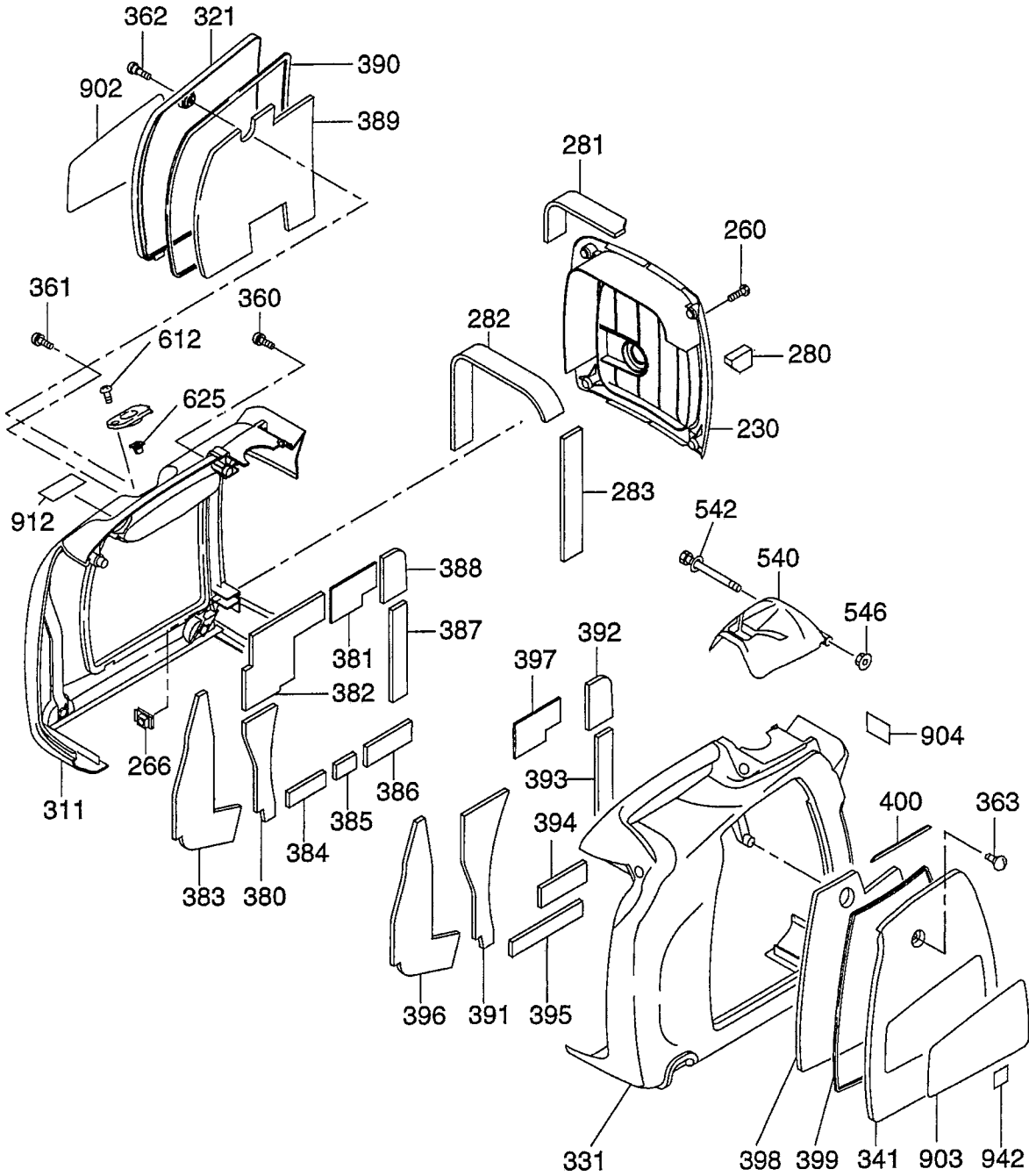


SECTION 3 CONTROL GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
480	014-00501-00	SCREW	4			300
500	33K-40031-50	CONTROL PANEL AY	1			300
505	33K-40101-03	FRONT PANEL	1			300
510	33K-41905-03	FILM	1			300
528	33K-41810-03	CLEAR PANEL	1			300
530	391-47000-03	AC RECEPTACLE	1			300
535	351-49920-08	SCREW and WASHER AY	2			300
537	002-17040-00	NUT	2			300
545	33K-40700-03	CONSENT BRACKET	1			300
547	013-10400-60	SCREW and WASHER AY	4			300
580	KD3-11011-11	OIL and RUN INDICATOR	1			300
583	015-00300-20	TAPPING SCREW	2			300
615	33K-41811-03	MICRO SWITCH	1			300
630	33K-42010-03	CONTROL DIAL	1			300
632	33K-42071-03	BALL, dial	1			300
634	33K-42074-03	SPRING, dial	1			300
636	33K-42020-03	CHOKE REEL	1			300
638	33K-42030-13	PLATE	1			300
640	33K-42040-03	WIRE PLATE	1			300
642	015-00400-70	TAPPING SCREW	2			300
643	33K-41814-08	TAPPING SCREW	2			300
645	33K-42050-11	ROLLING WIRE CP	1			300
647	33K-42080-03	CHOKE BRACKET	1			300
648	011-00600-10	FLANGE BOLT	1			300
660	33K-41833-03	CIRCUIT BREAKER	1			300
661	33K-41831-03	CIRCUIT BREAKER	1			300
665	013-10300-10	SCREW and WASHER AY	4			300
669	33K-41817-03	BREAKER CAP	2			300
670	33K-42090-01	TERMINAL BOLT	1			300
671	363-45701-08	TERMINAL BOLT, Red 20A	1			300
672	363-45700-08	TERMINAL BOLT, Blk 20A	1			300
692	33K-41825-01	PANEL HARNESS	1			300
693	33K-41815-01	ENGINE HARNESS	1			300
710	33K-42060-21	CHOKE WIRE	1			300
767	056-30000-20	WIRE BAND	1			300
780	33K-58411-03	SEAL SPONGE	1			300
902	33K-93020-03	LABEL, front AVR	1			300
915	33K-40220-03	FILM AVR	1			300

COVER GROUP

FIG. 400

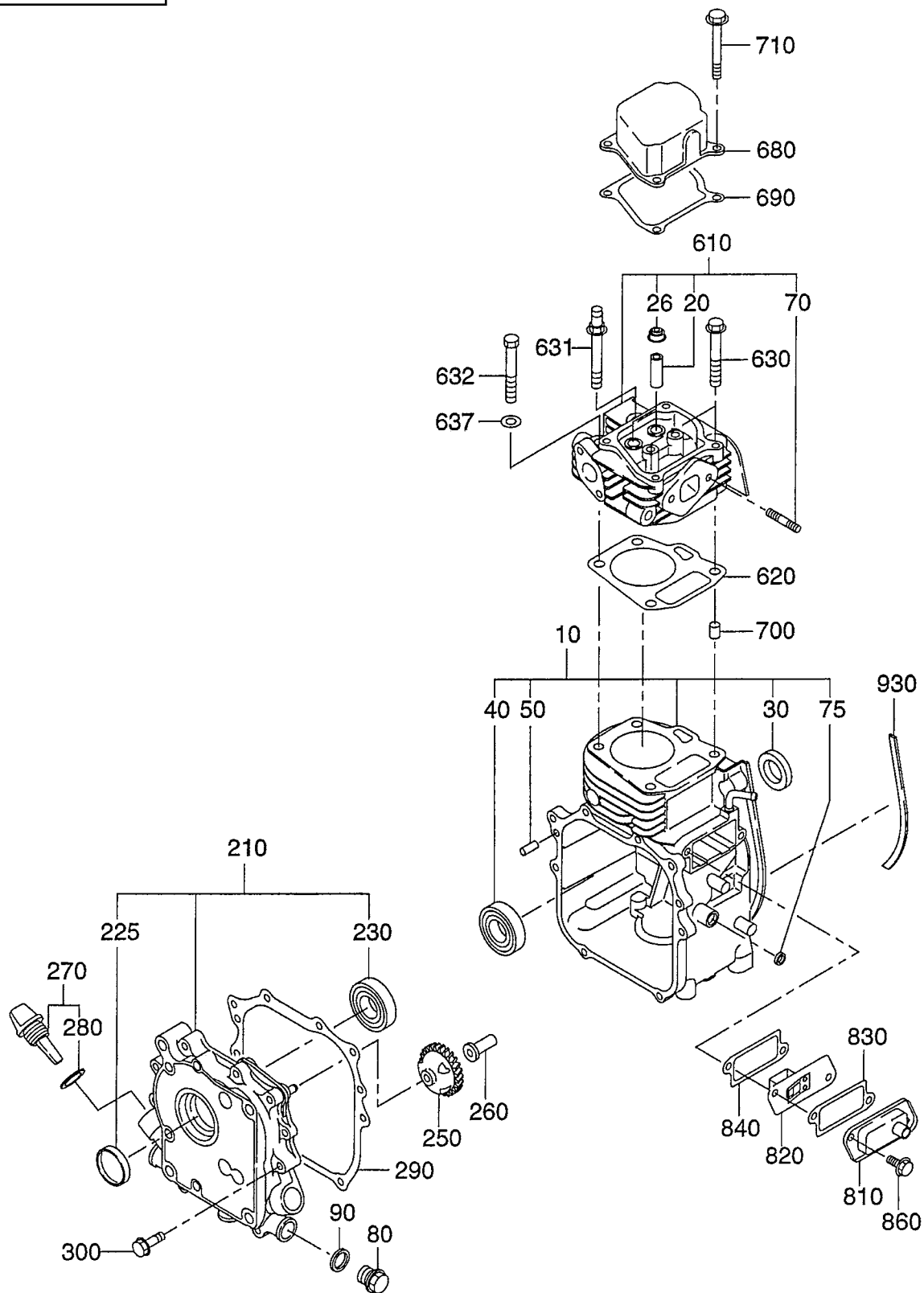


SECTION 4 COVER GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
230	33K-50201-03	REAR COVER	1			400
260	013-10600-30	SCREW and WASHER	4			400
266	33K-50205-01	NUT	4			400
280	33K-58318-13	REAR COVER SPONGE 1	2			400
281	33K-58319-13	REAR COVER SPONGE 2	1			400
282	33K-88322-03	REAR COVER SPONGE 3	1			400
283	33K-58324-03	REAR COVER SPONGE 4	1			400
311	33K-50301-13	CASE BODY, L	1			400
321	33K-50311-03	SIDE PANEL, L	1			400
331	33K-50401-13	CASE BODY, R	1			400
341	33K-50411-03	SIDE PANEL, R	1			400
360	004-36062-50	SCREW and WASHER	2			400
361	004-36062-00	SCREW and WASHER	1			400
362	33K-50501-03	BOLT, panel	1			400
363	33K-50501-03	BOLT, panel	1			400
380	33K-58301-03	SPONGE CASE, L	1			400
381	33K-58307-03	SPONGE CASE, L 5	1			400
382	33K-58305-03	SPONGE CASE, L 3	1			400
383	33K-58304-03	SPONGE CASE, L 2	1			400
384	33K-58308-03	SPONGE CASE, L 6	1			400
385	33K-58309-03	SPONGE CASE, L 7	1			400
386	33K-58408-03	SPONGE CASE, R 6	1			400
387	33K-58409-03	SPONGE CASE, R7	1			400
388	33K-58306-03	SPONGE CASE, L4	1			400
389	33K-58302-03	SPONGE PANEL, L	1			400
390	33K-58303-03	SEAL SPONGE, L	1			400
391	33K-58401-03	SPONGE CASE, R	1			400
392	33K-58406-03	SPONGE CASE, R 4	1			400
393	33K-58409-03	SPONGE CASE, R 7	1			400
394	33K-58408-03	SPONGE CASE, R 6	1			400
395	33K-58407-03	SPONGE CASE, R5	1			400
396	33K-58404-03	SPONGE CASE, R 2	1			400
397	33K-58405-03	SPONGE CASE, R 3	1			400
398	33K-58402-03	SPONGE PANEL, R	1			400
399	33K-58403-03	SEAL SPONGE, R	1			400
400	33K-58410-03	SEAL SPONGE, R 2	1			400
540	33K-55001-13	TANK CAP COVER	1			400
542	013-10400-91	SCREW and WASHER	1			400
546	018-00400-00	FLANGE NUT	1			400
612	015-00400-90	TAPPING SCREW	1			400
625	33K-53002-03	SCREW GROMMET	1			400
902	33K-90020-23	LABEL, Model (L)	1			400
903	33K-91020-23	LABEL, Model ®	1			400
904	33K-92010-03	LABEL, Specification	1			400
912	33K-94002-03	LABEL, Caution	1			400
942	073-20045-20	LABEL, Oil caution	1			400

CRANKCASE GROUP

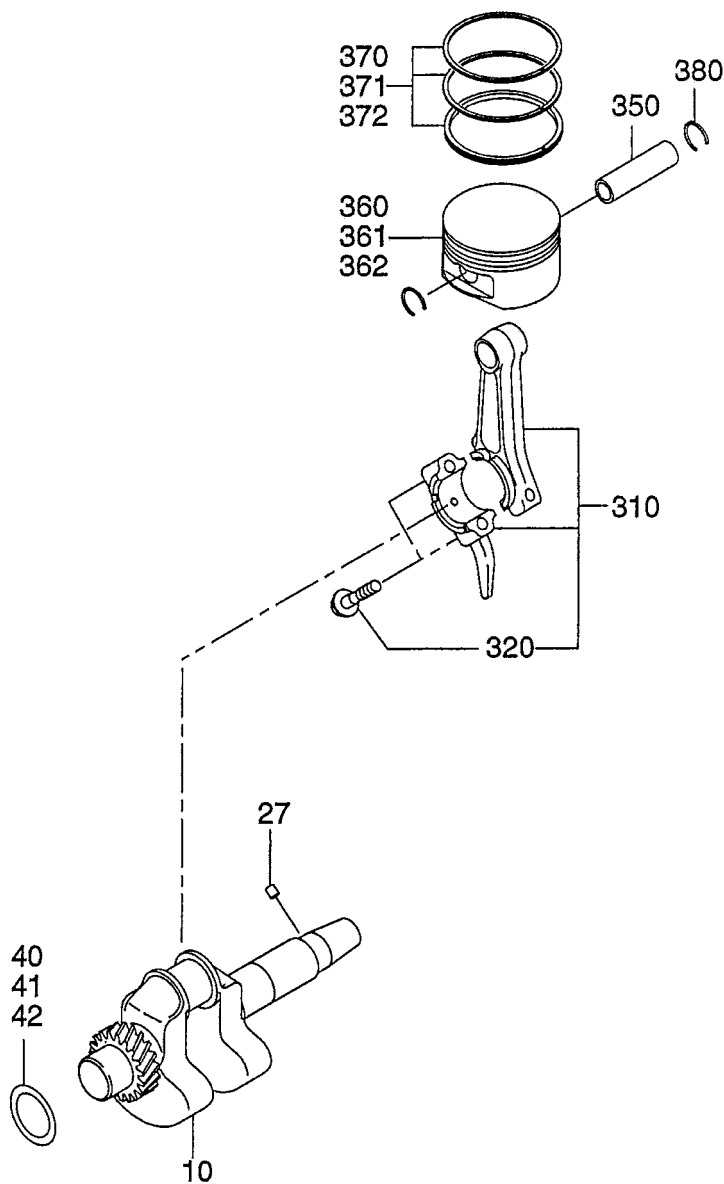
FIG. 500



SECTION 5 CRANKCASE GROUP

[illegible]

FIG. 600

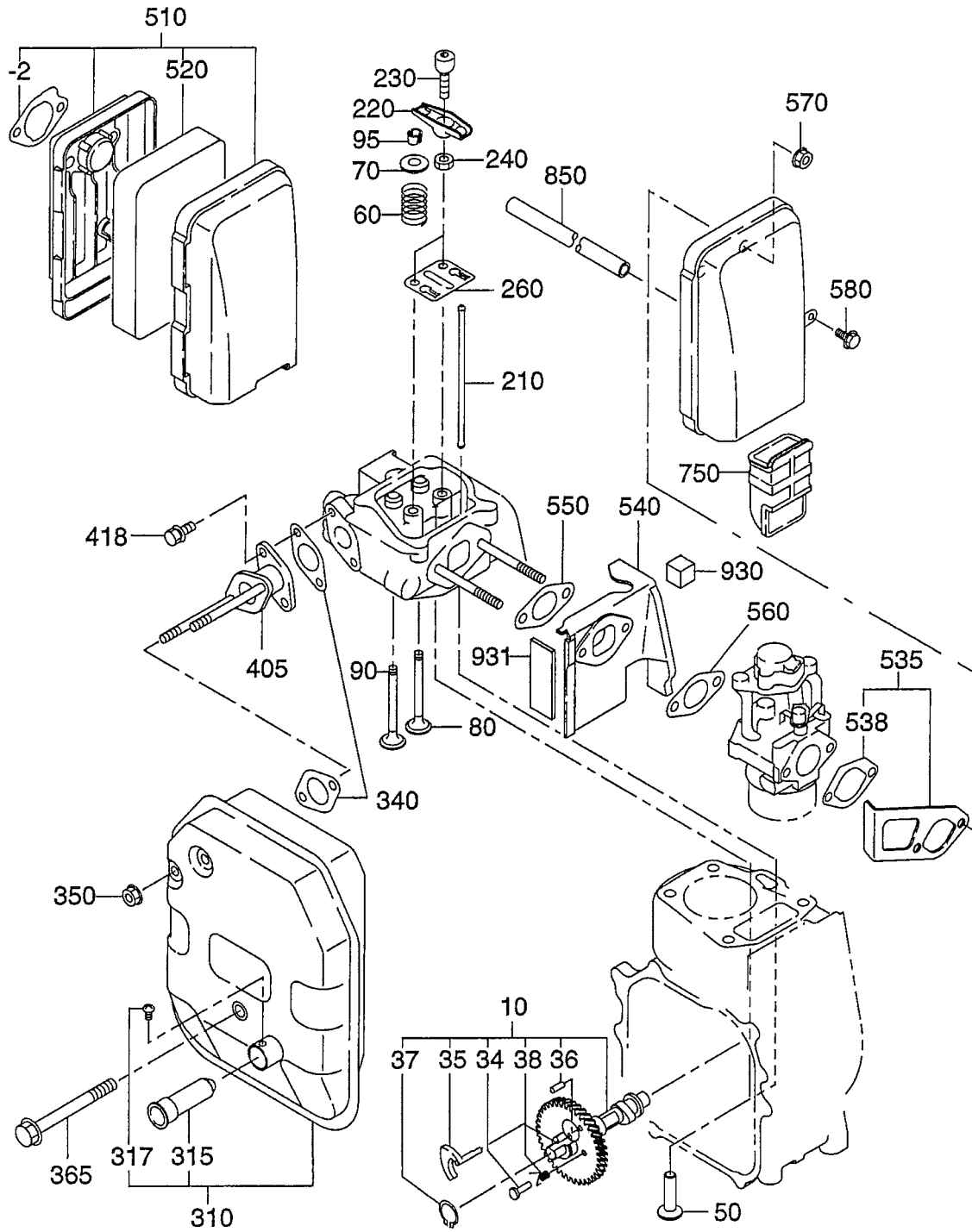


SECTION 6 CRANKSHAFT, PISTON GROUP

[illegible]

INTAKE and EXHAUST GROUP

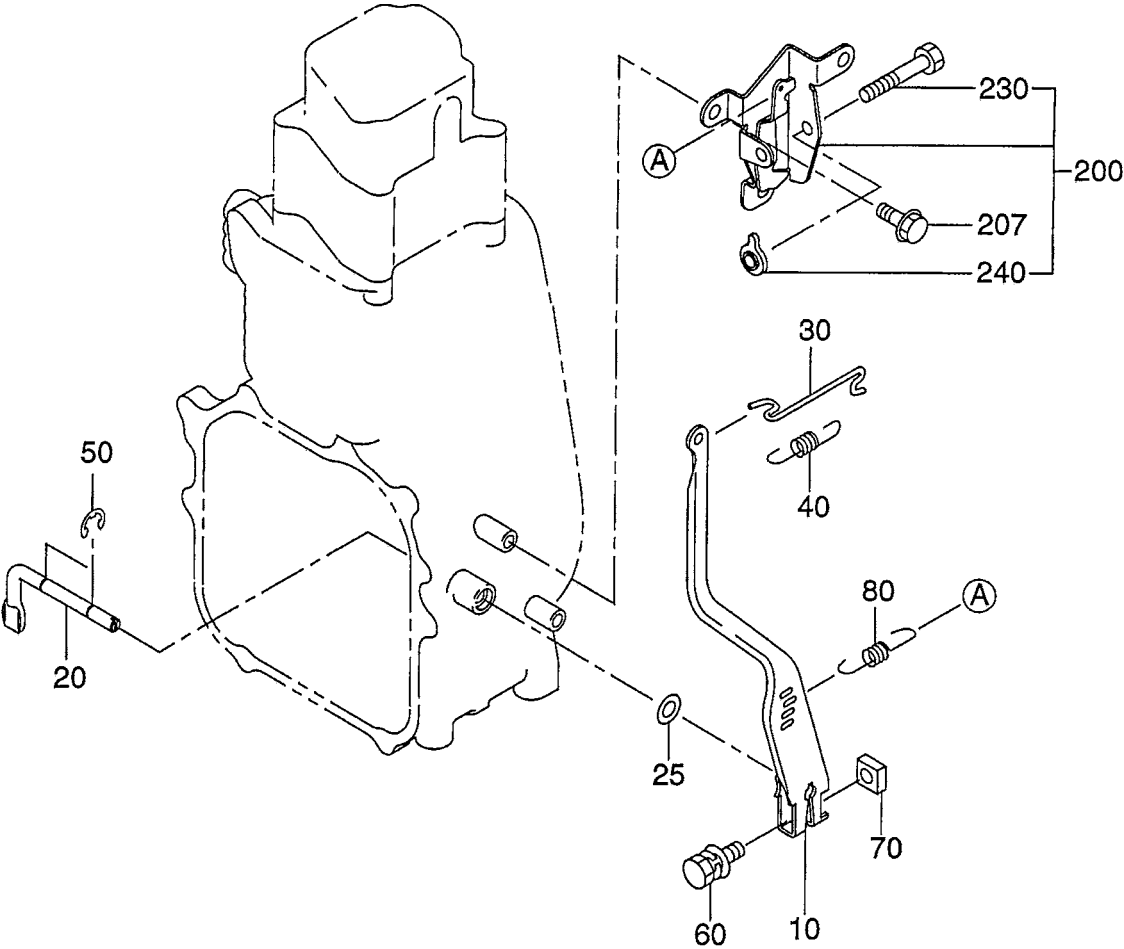
FIG. 700



SECTION 7 INTAKE and EXHAUST GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
10	284-31701-11	CAMSHAFT	1			700
34	227-38601-23	PIN, spring	1			700
35	284-36401-03	RELEASE LEVER	1			700
36	005-19041-00	SPRING PIN	1			700
37	003-15170-00	SNAP RING, outer	1			700
38	274-38701-23	RETURN SPRING	1			700
50	274-33301-03	TAPPET	2			700
60	274-33601-03	VALVE SPRING	2			700
70	274-33702-03	SPRING RETAINER	2			700
80	274-33401-03	INTAKE VALVE	1			700
90	274-33501-03	EXHAUST VALVE	1			700
95	132-10KA0-31	COLLET VALVE	4			700
210	274-35301-03	PUSH ROD	2			700
220	274-36003-03	ROCKER ARM	2			700
230	269-35801-03	BOLT, pivot	2			700
240	017-00600-90	NUT	2			700
260	274-36501-03	GUIDE PLATE	1			700
310	284-30201-20	MUFFLER AY	1			700
315	269-37601-01	SPARK ARRESTOR	1			700
317	015-00400-60	TAPPING SCREW	1			700
340	230-35204-01	GASKET, exhaust	2			700
350	018-00600-30	FLANGE NUT	2			700
365	011-00801-10	FLANGE BOLT	1			700
405	284-34101-03	EXHAUST PIPE	1			700
418	001-14061-60	BOLT and WASHER	2			700
510	284-32630-00	AIR CLEANER	1			700
-2	227-36004-13	PACKING	1			700
520	284-32631-08	ELEMENT	1			700
535	284-32904-01	STAY BAFFLE	1			700
538	277-46701-03	GASKET, choke	1			700
540	284-32903-03	INSULATOR	1			700
550	227-35902-03	GASKET 2, insulator	1			700
560	236-35903-03	GASKET 2, insulator	1			700
570	002-38060-00	FLANGE NUT	2			700
580	011-00601-80	FLANGE BOLT	1			700
750	284-32101-03	DUCT	1			700
850	085-10800-00	RUBBER PIPE	1			700
930	33K-58315-13	SPONGE INSULATOR	1			700
931	33K-58321-13	SPONGE INSULATOR 2	1			700

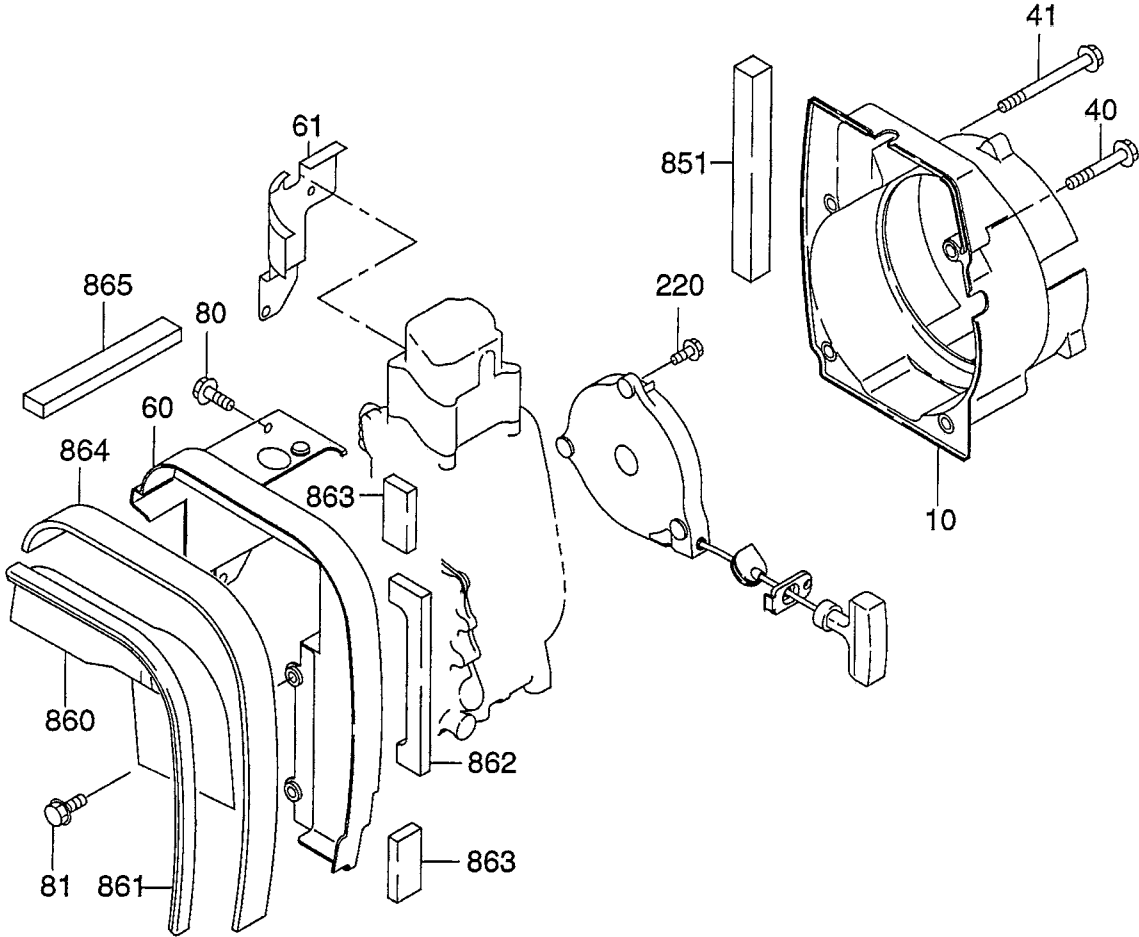
FIG. 800



SECTION 8 GOVERNOR GROUP

[illegible]

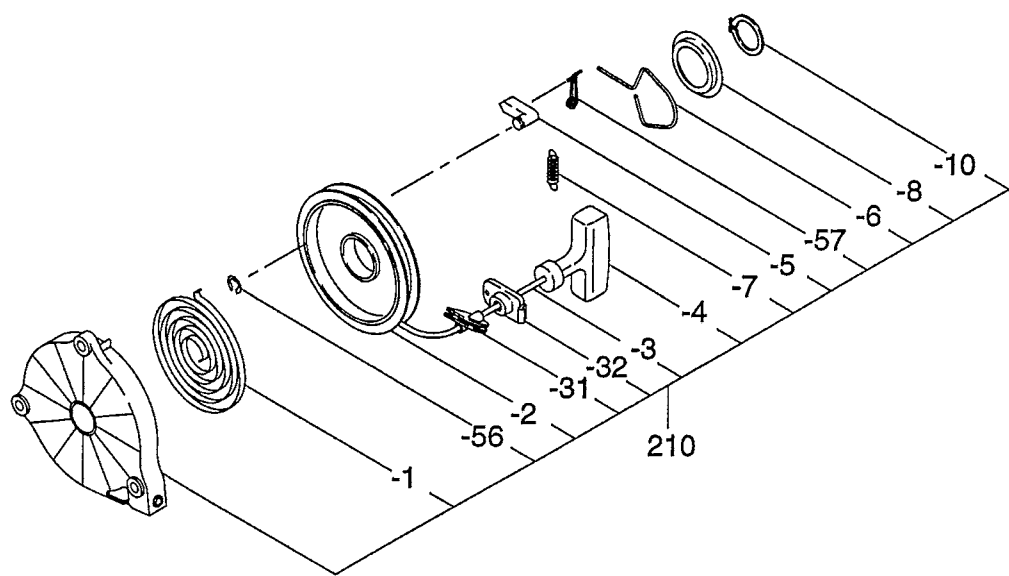
FIG. 900



SECTION 9 COLING and STARTING GROUP

[illegible]

FIG. 910

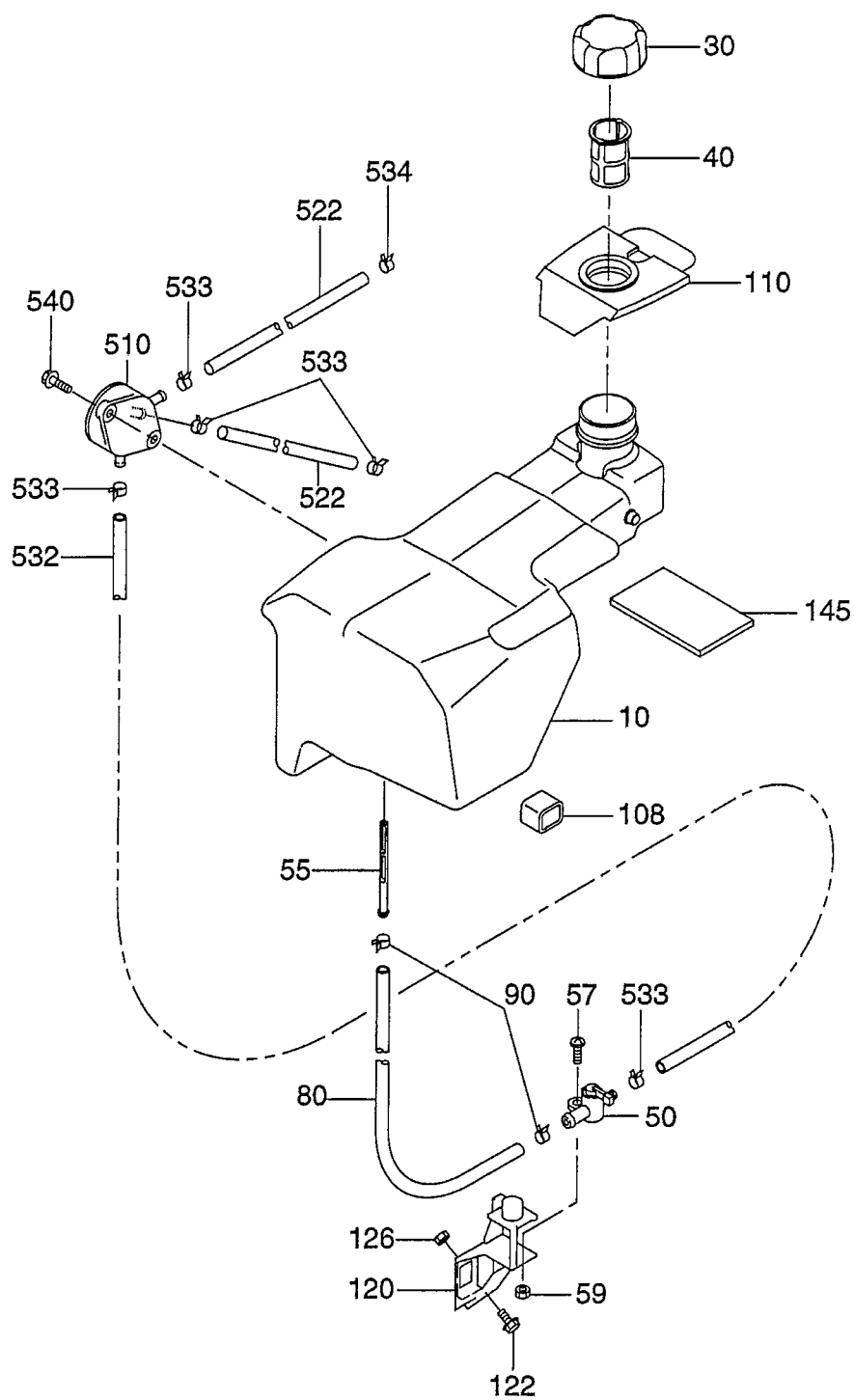


SECTION 9 COOLING and STARTING GROUP

[illegible]

SECTION 10 FUEL GROUP

FIG. 1000

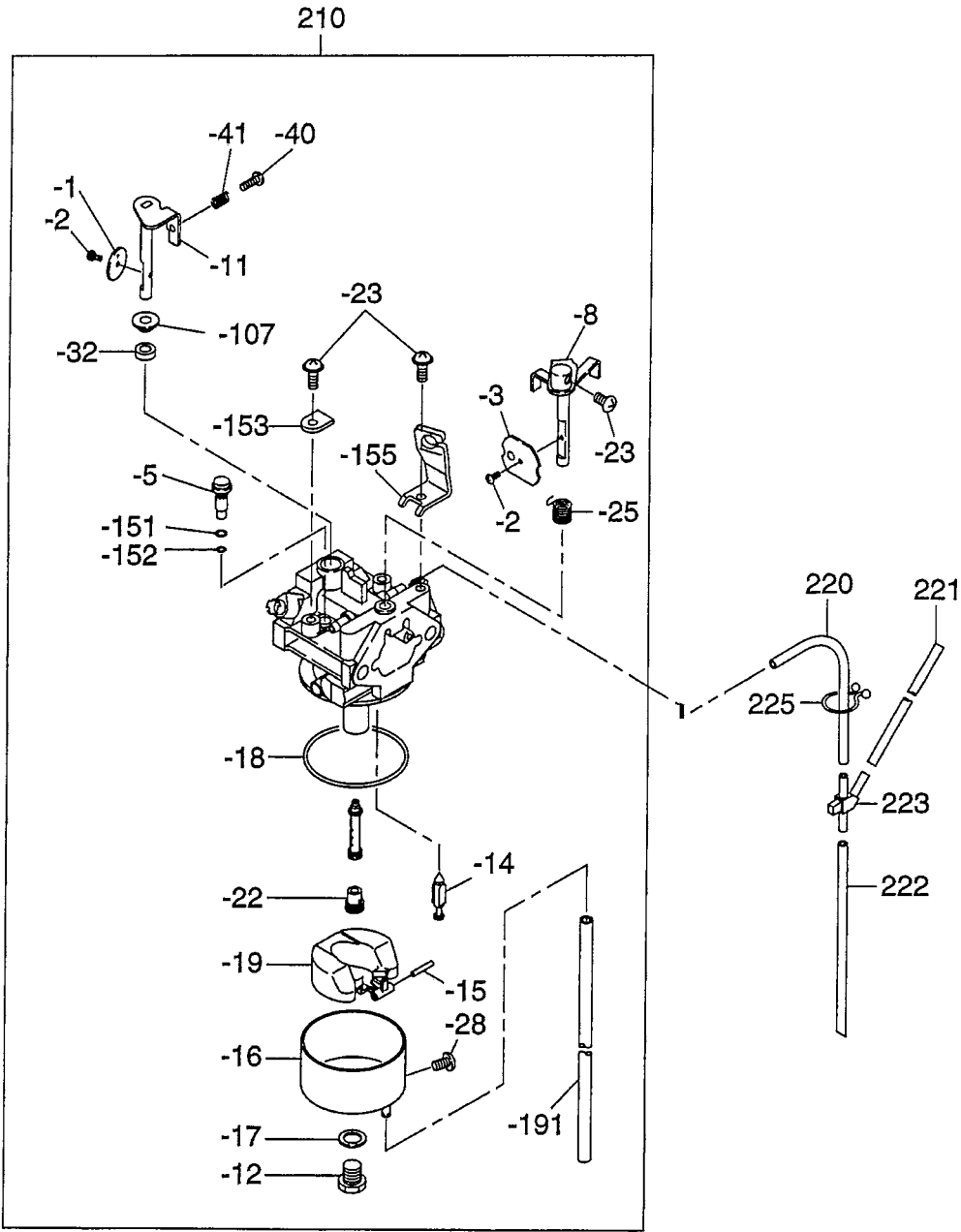


SECTION 10 FUEL GROUP

[illegible]

SECTION 11 CARBURETOR GROUP

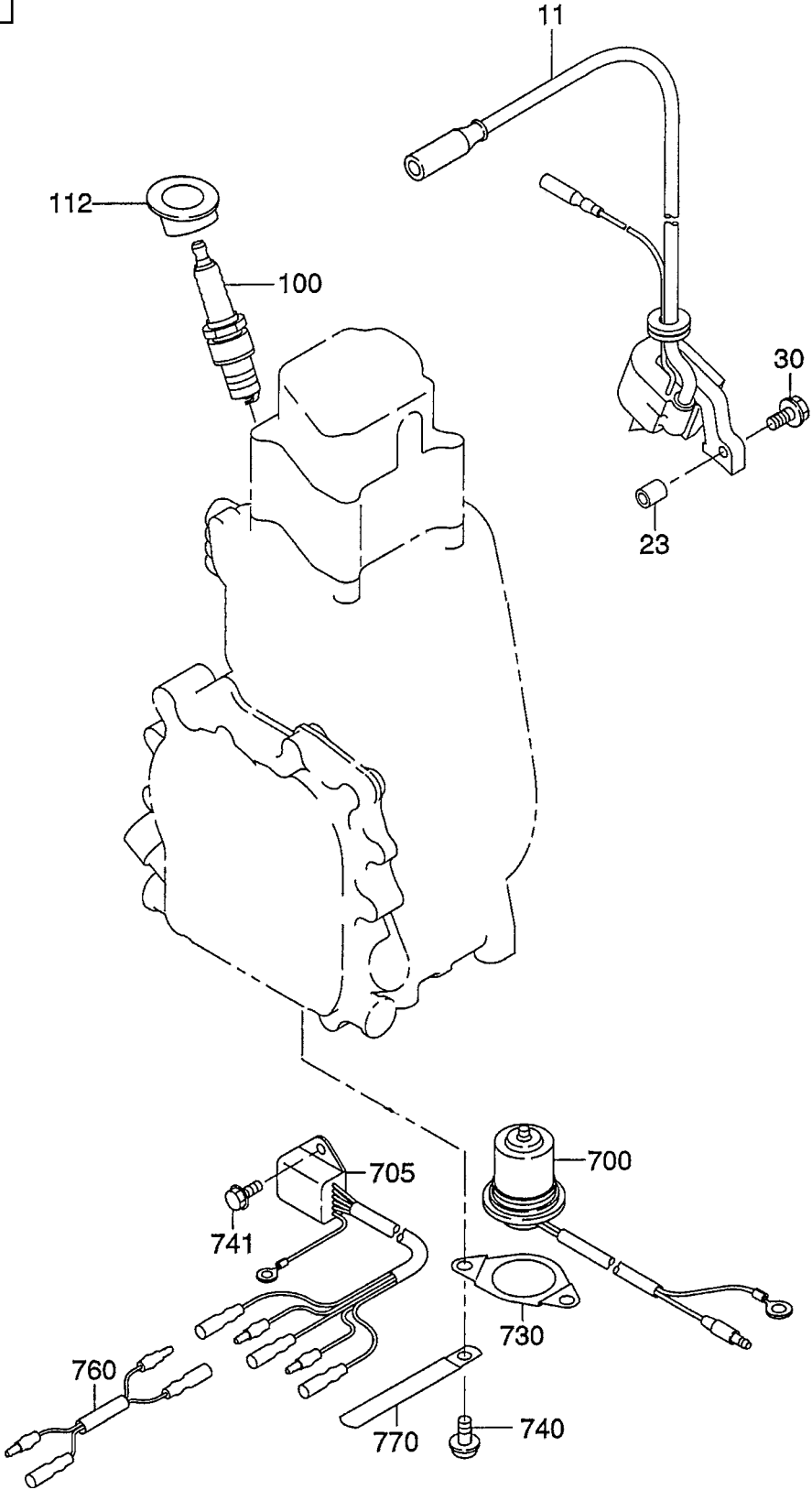
FIG. 1100



SECTION 11 CARBURETOR GROUP

[illegible]

FIG. 1200

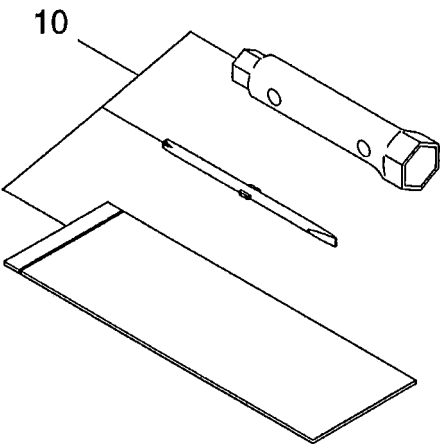


SECTION 12 ELECTRICAL GROUP

[illegible]

SECTION 13 ACCESSORIES GROUP

FIG. 1300



SECTION 13 ACCESSORIES GROUP

[illegible]

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