



Parts Manual

Cummins **Onan**

Performance you rely on.™



60 Hz Portable Inverter Generator Set

EGMBH / P1700ie

P1700i Inverter Portable Generator Set

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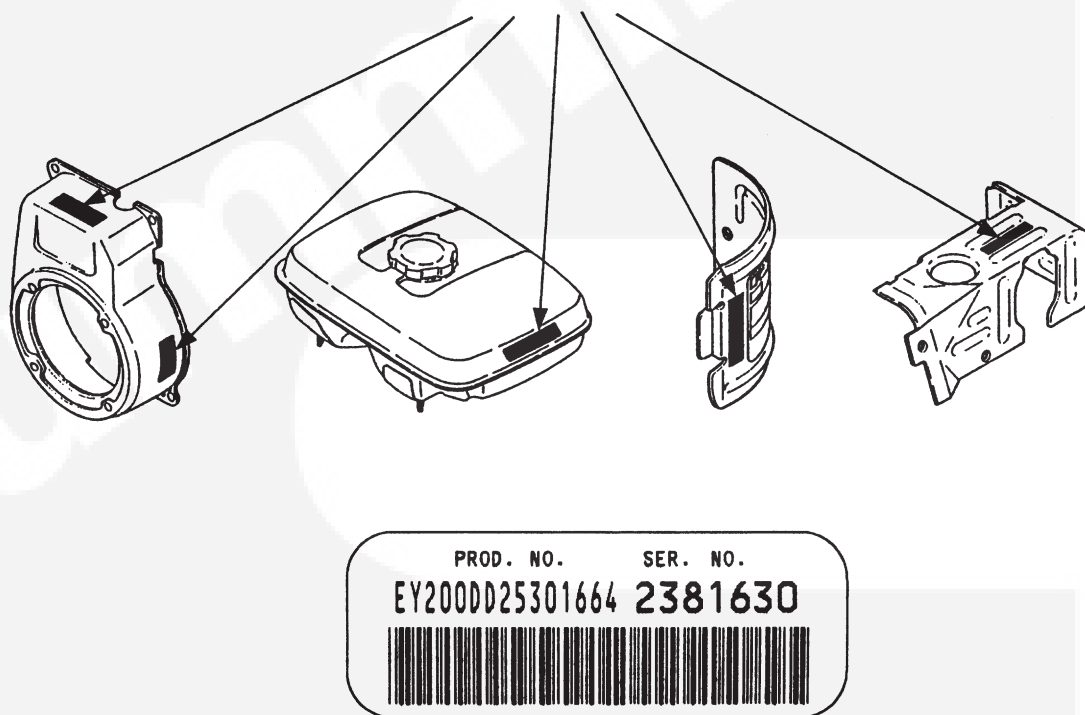


HOW TO USE THIS MANUAL

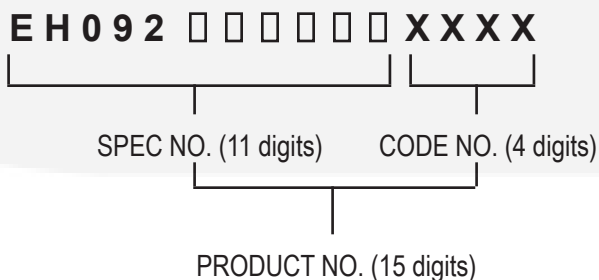
Cummins Onan engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant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

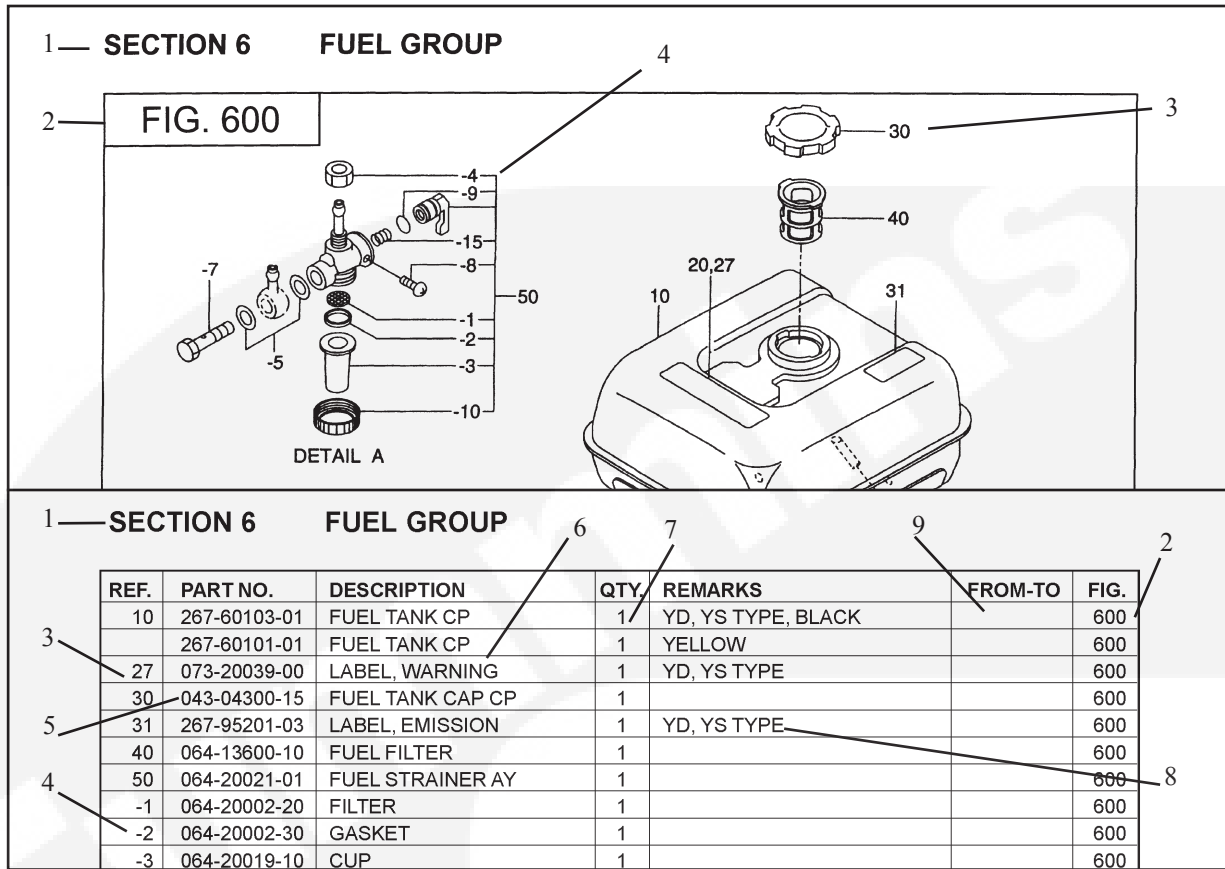
All Cummins Onan 4 cycle engines have a Product Number label similar to the label illustrated below.



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 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.

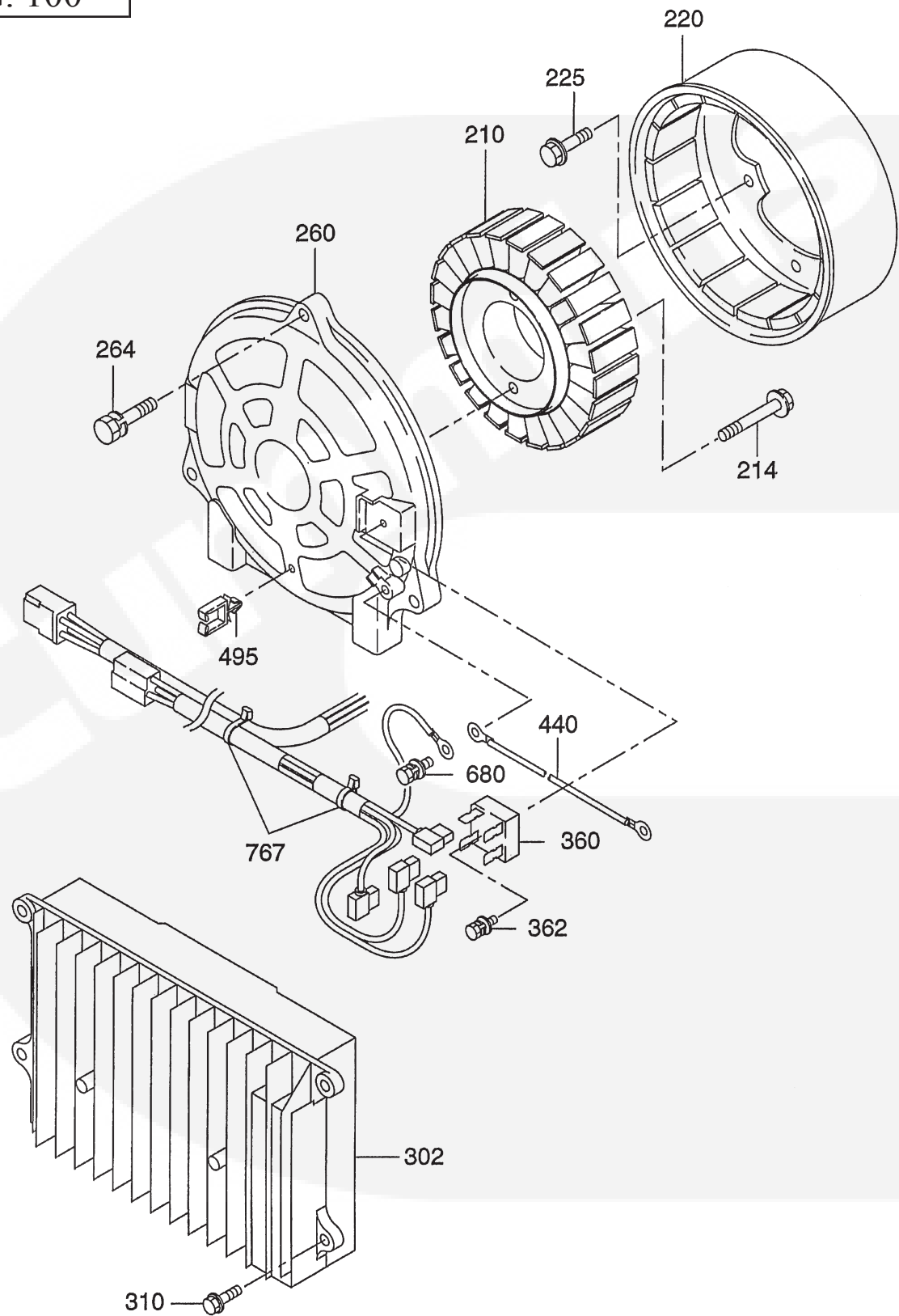
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INDEX OF DESCRIPTION SYMBOLS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AY	ASSEMBLY	P=	PITCH (in mm)
CP.....	COMPLETE	P.T.O. (PTO)	POWER TAKE OFF
EX.....	EXPORT (from Japan)	REF.....	REFERENCE
FIG.....	FIGURE	R.H. (RH).....	RIGHT HAND SIDE
FR.....	FRONT	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

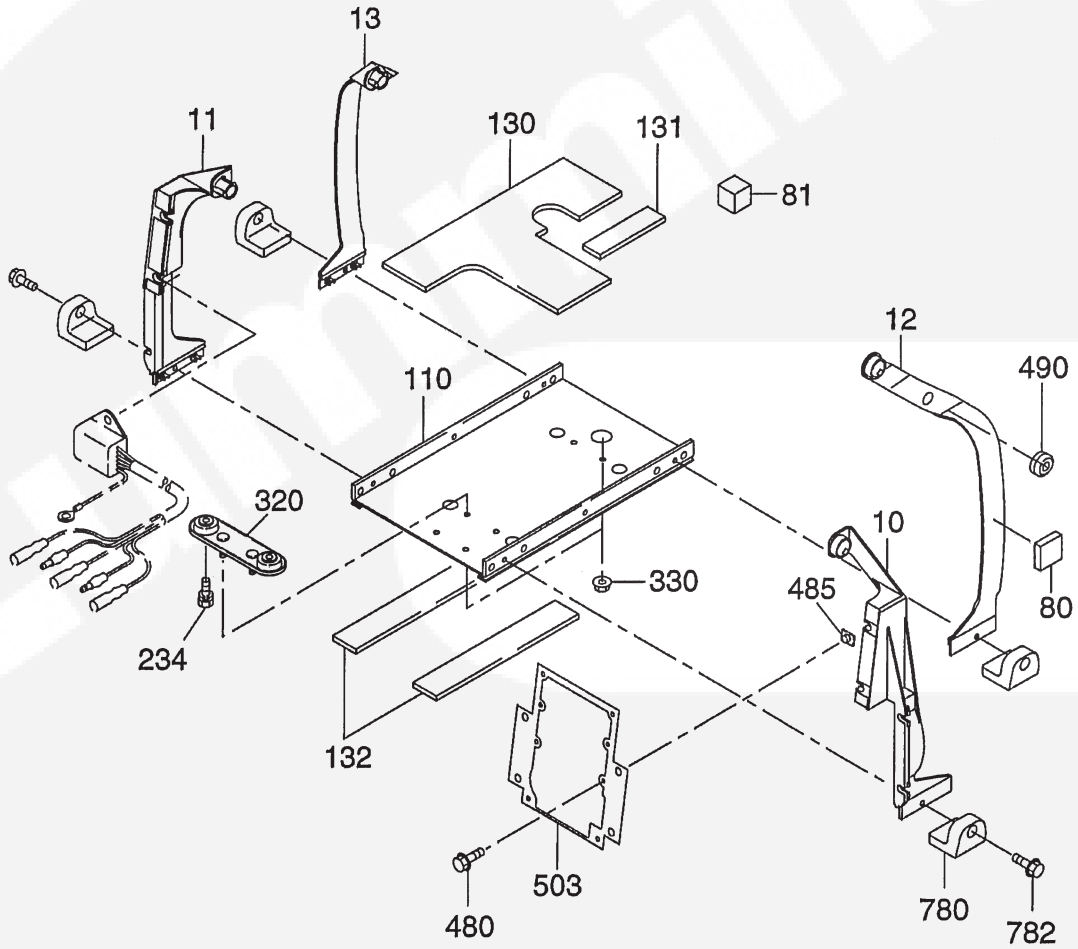


SECTION 1 GENERATOR GROUP

[illegible]

FRAME GROUP

FIG. 200



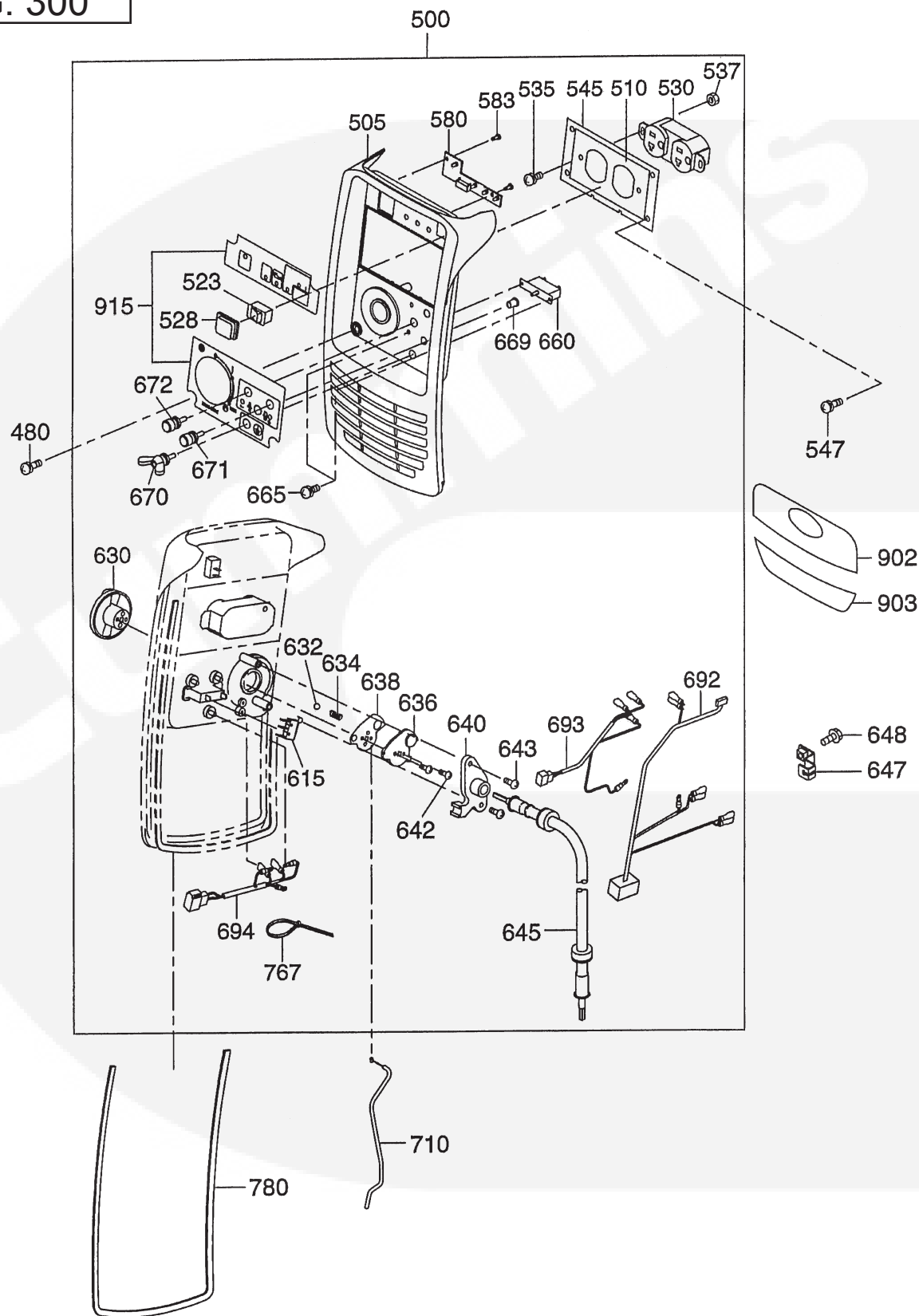
SECTION 2

FRAME GROUP

[illegible]

SECTION 3 CONTROL GROUP

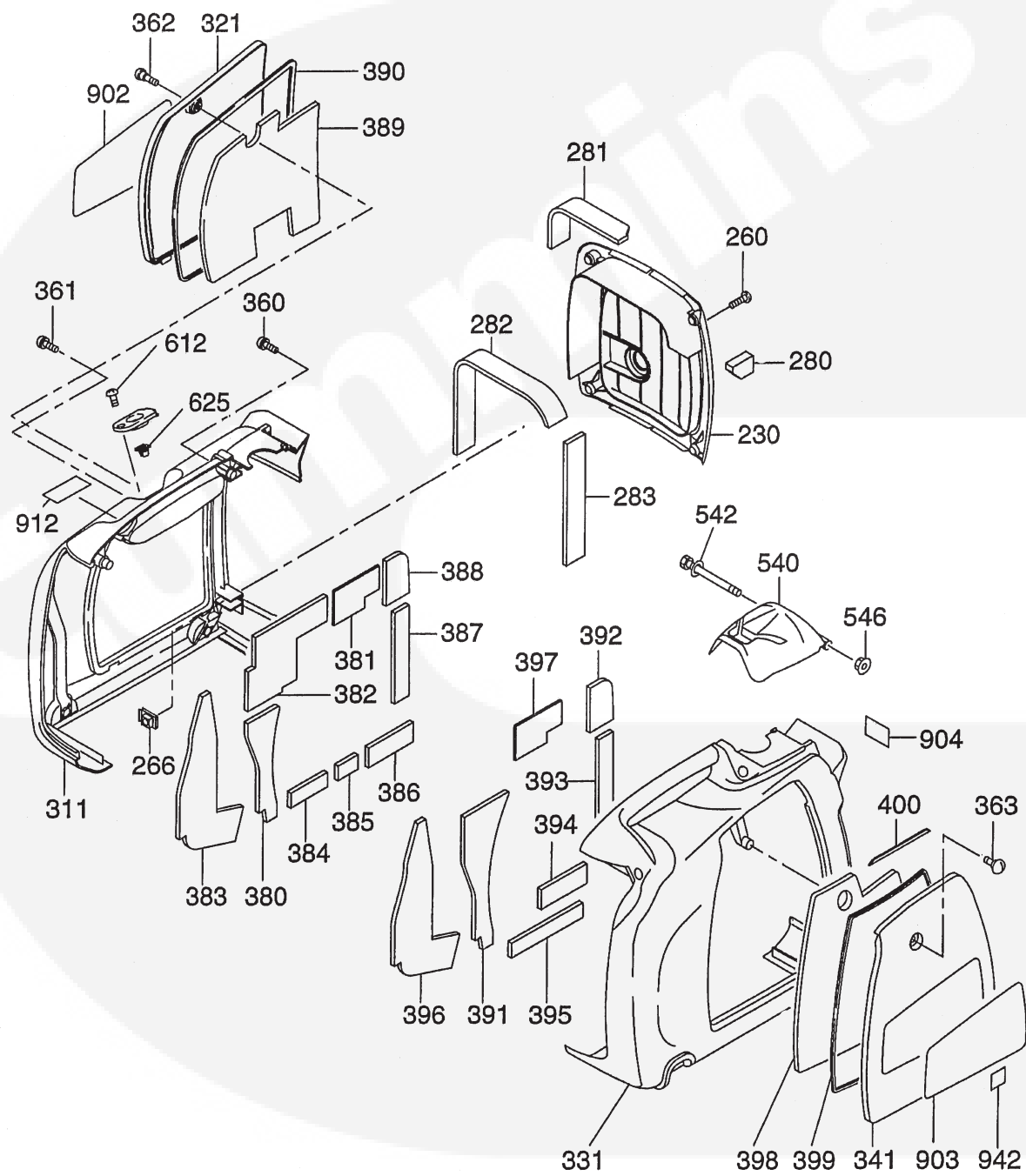
FIG. 300



SECTION 3 CONTROL GROUP

[illegible]

FIG. 400

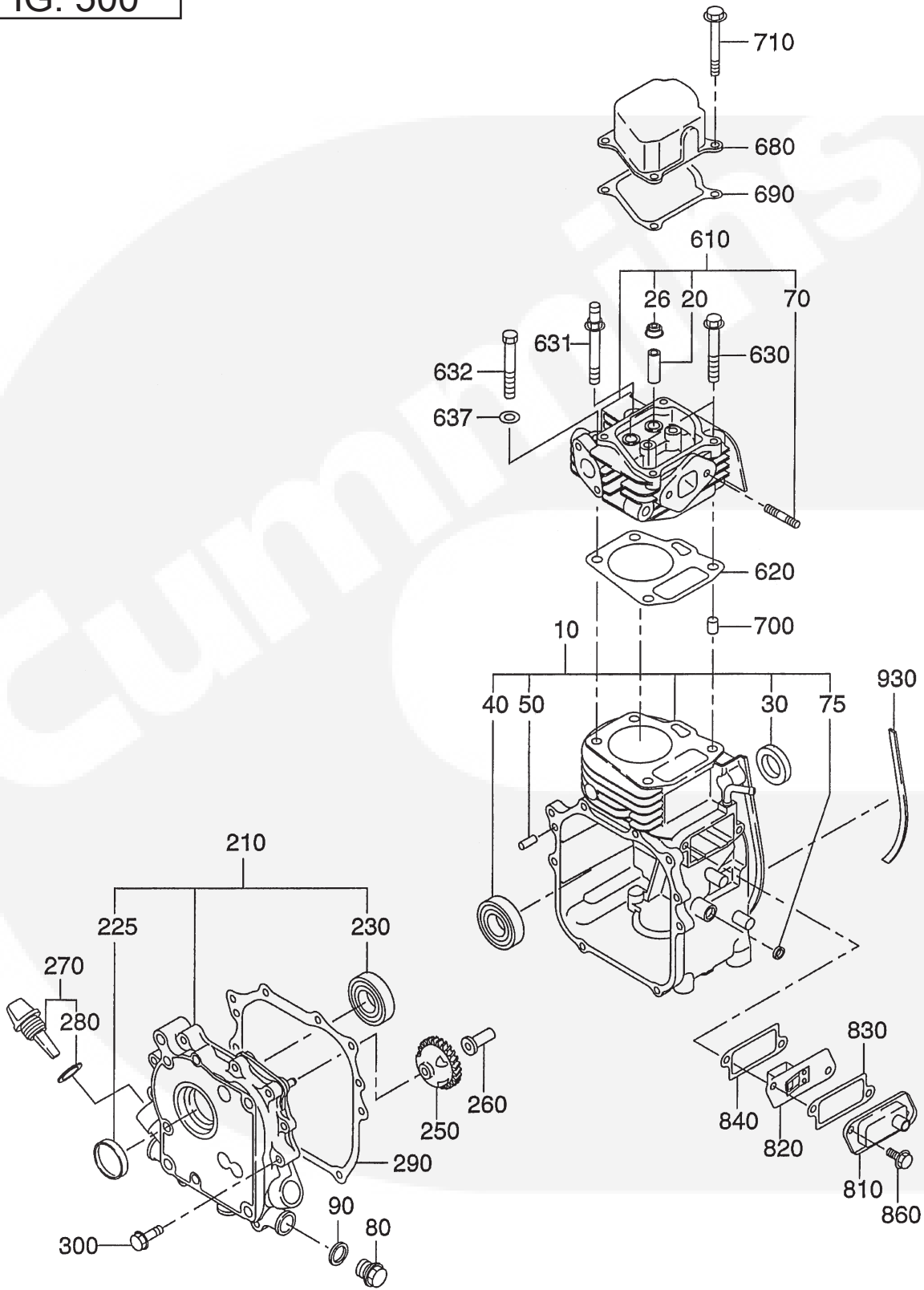


SECTION 4 COVER GROUP

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-91202-13	LABEL, Model (L)	1			400
903	33K-91201-13	LABEL, Model (R)	1			400
904	33K-91602-13	LABEL, Specification	1			400
912	33K-94002-03	LABEL, Caution	1			400
942	073-20045-20	LABEL, Oil caution	1			400

CRANKCASE GROUP

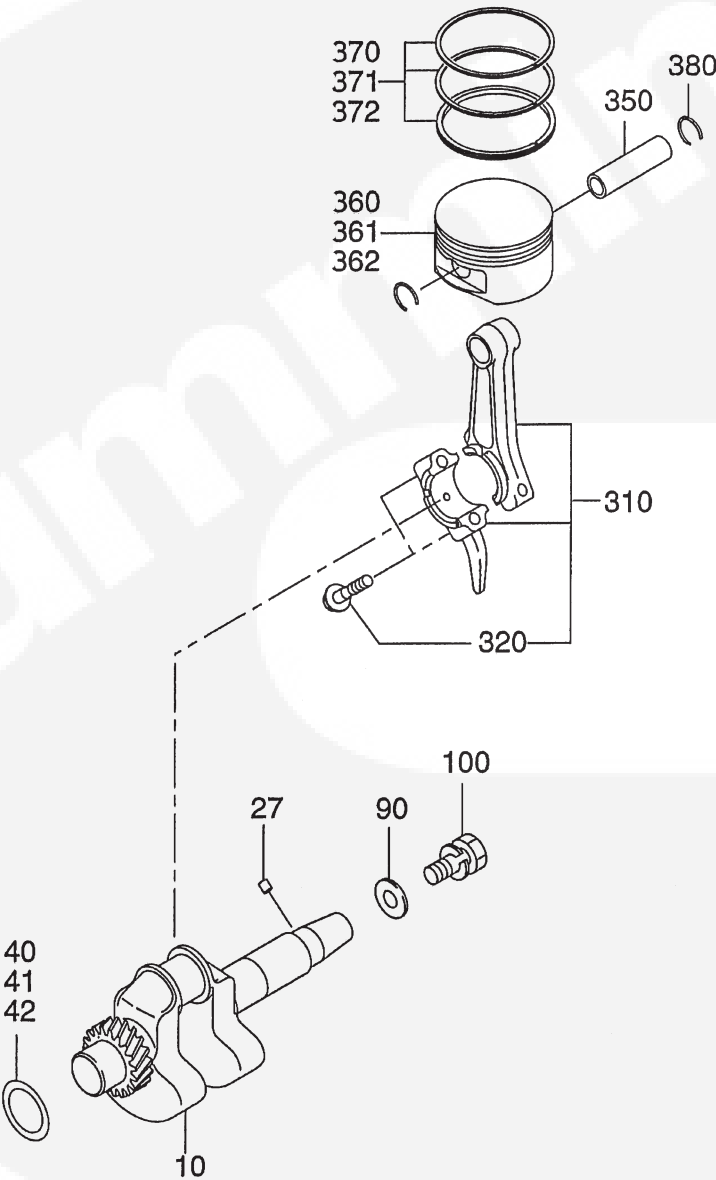
FIG. 500



SECTION 5 CRANKCASE GROUP

[illegible]

FIG. 600

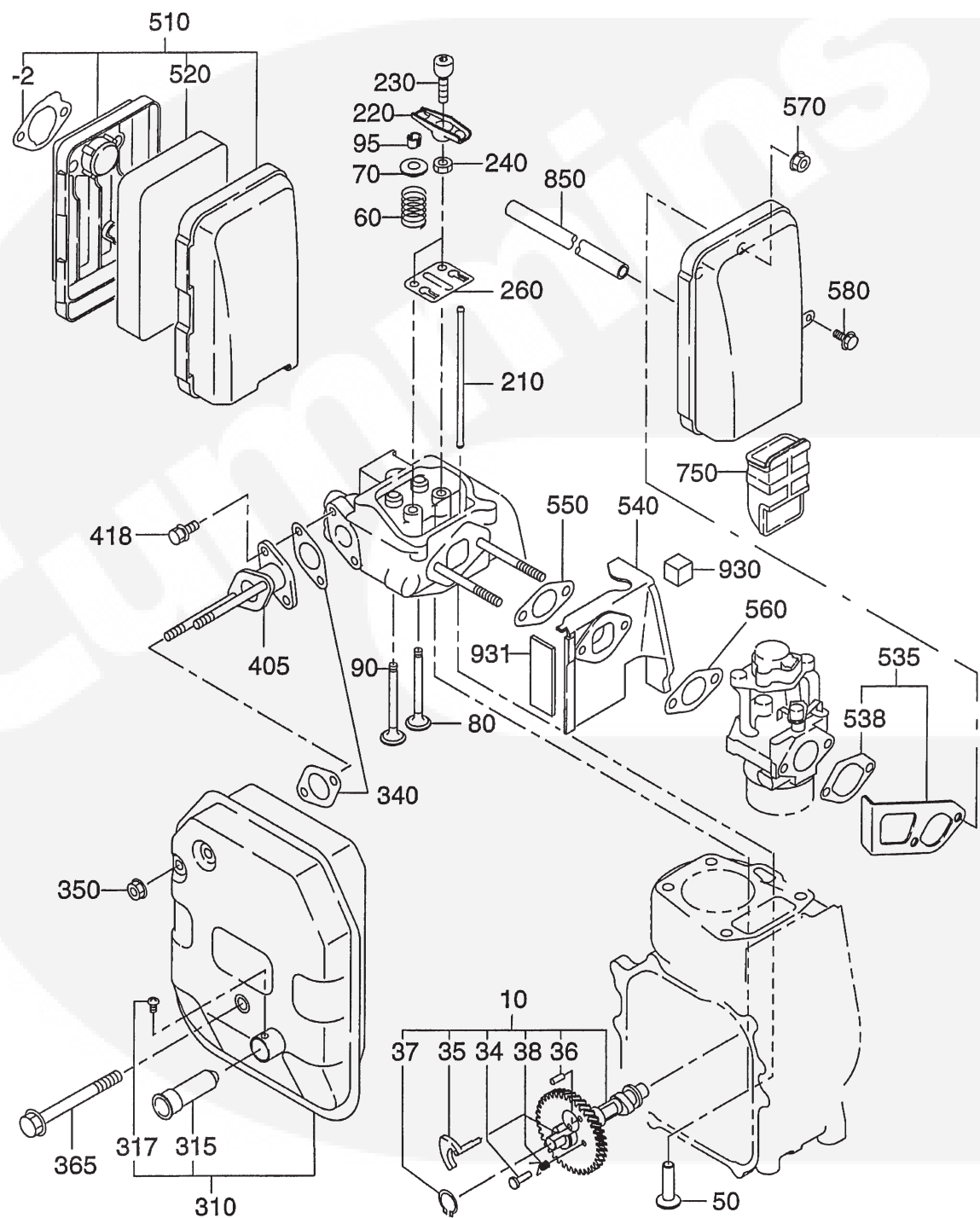


SECTION 6 CRANKSHAFT, PISTON GROUP

[illegible]

SECTION 7 INTAKE and EXHAUST GROUP

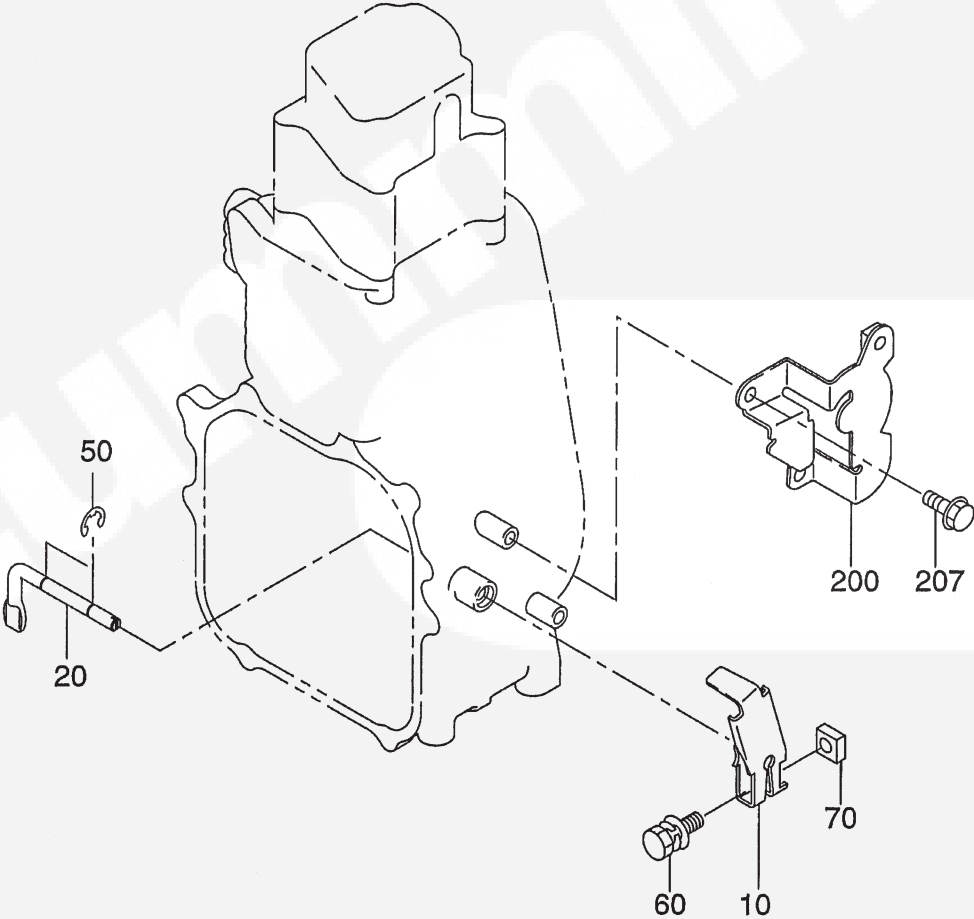
FIG. 700



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

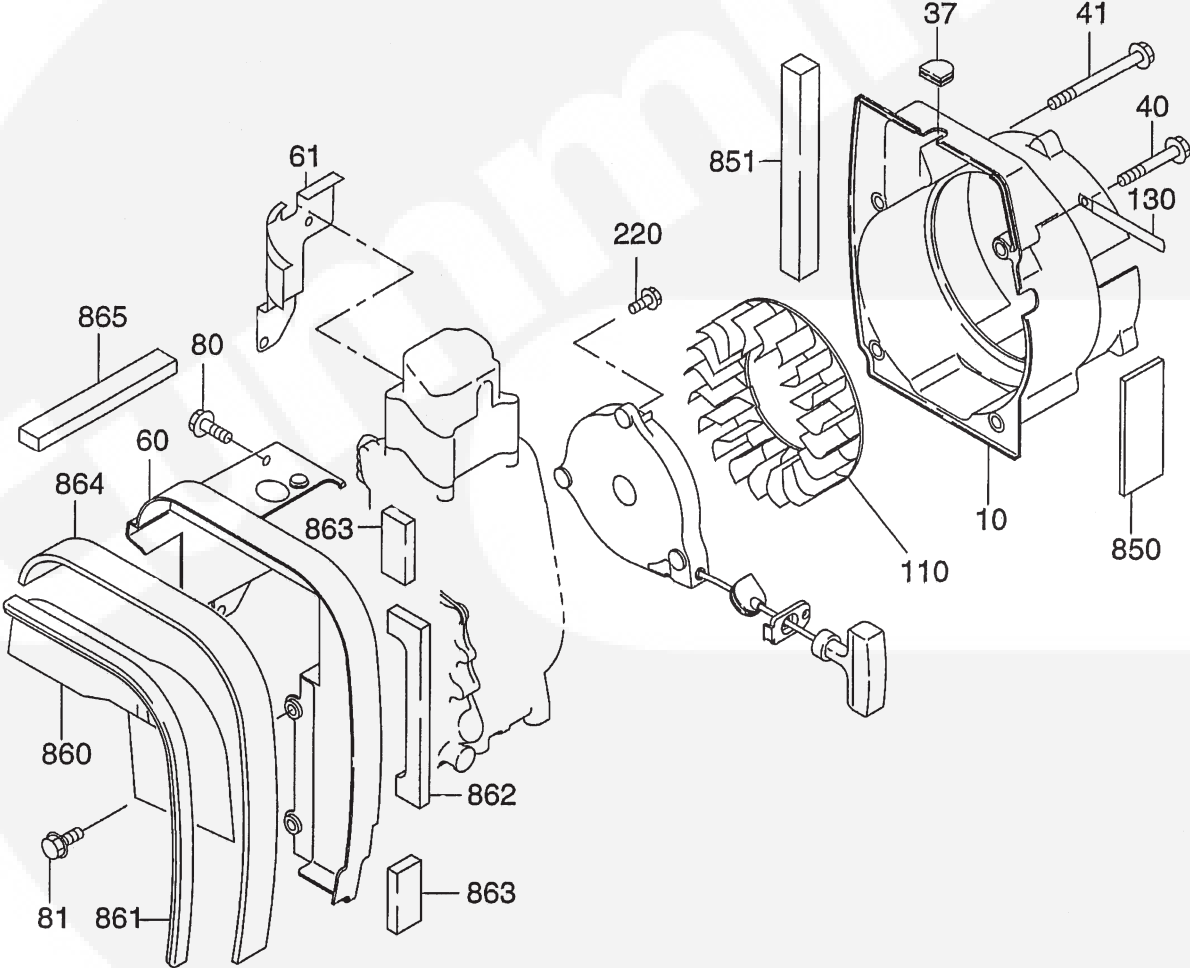
FIG. 800



SECTION 8 GOVERNOR GROUP

[illegible]

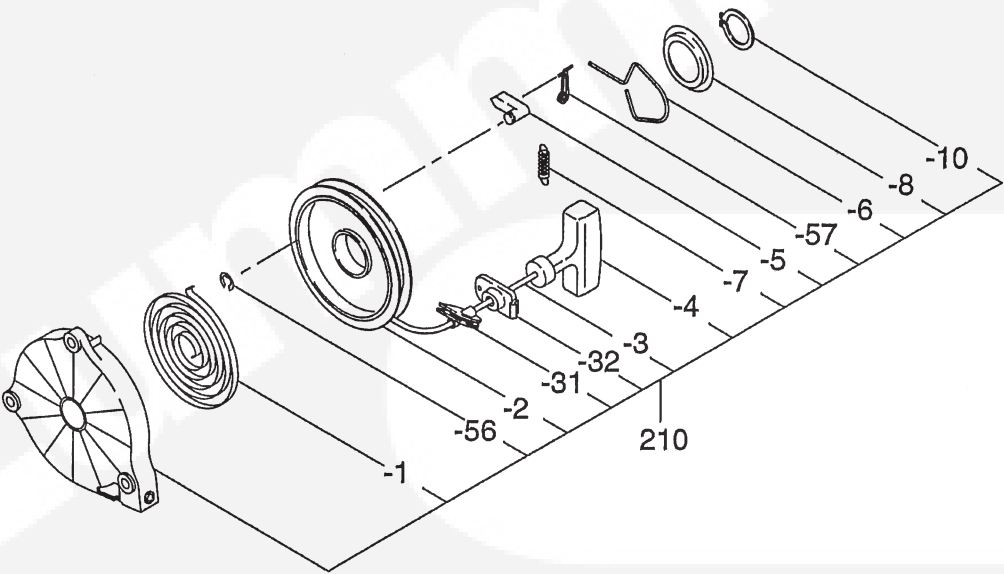
FIG. 900



COOLING and STARTING GROUP

[illegible]

FIG. 910

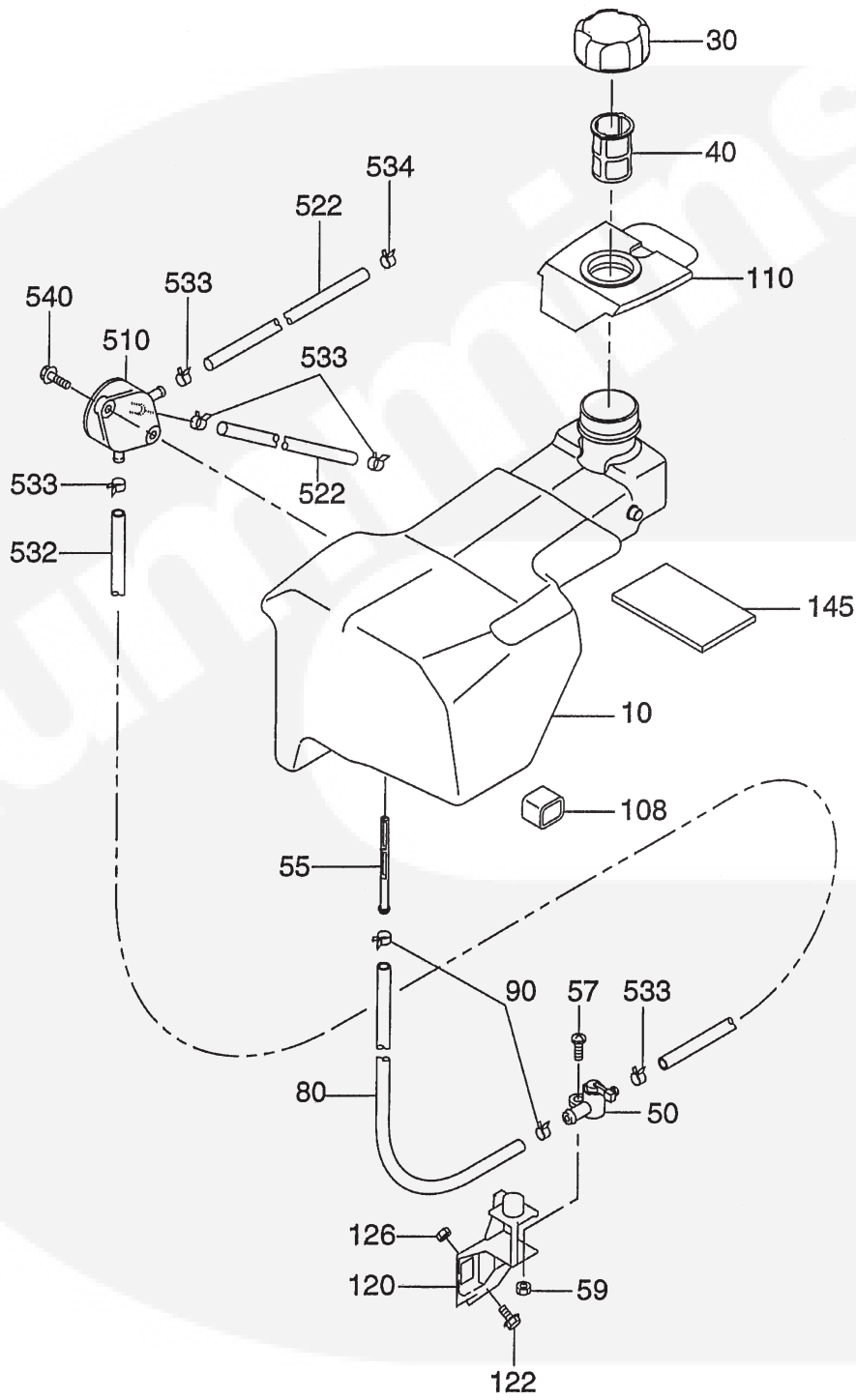


SECTION 9

COOLING and STARTING GROUP

[illegible]

FIG. 1000

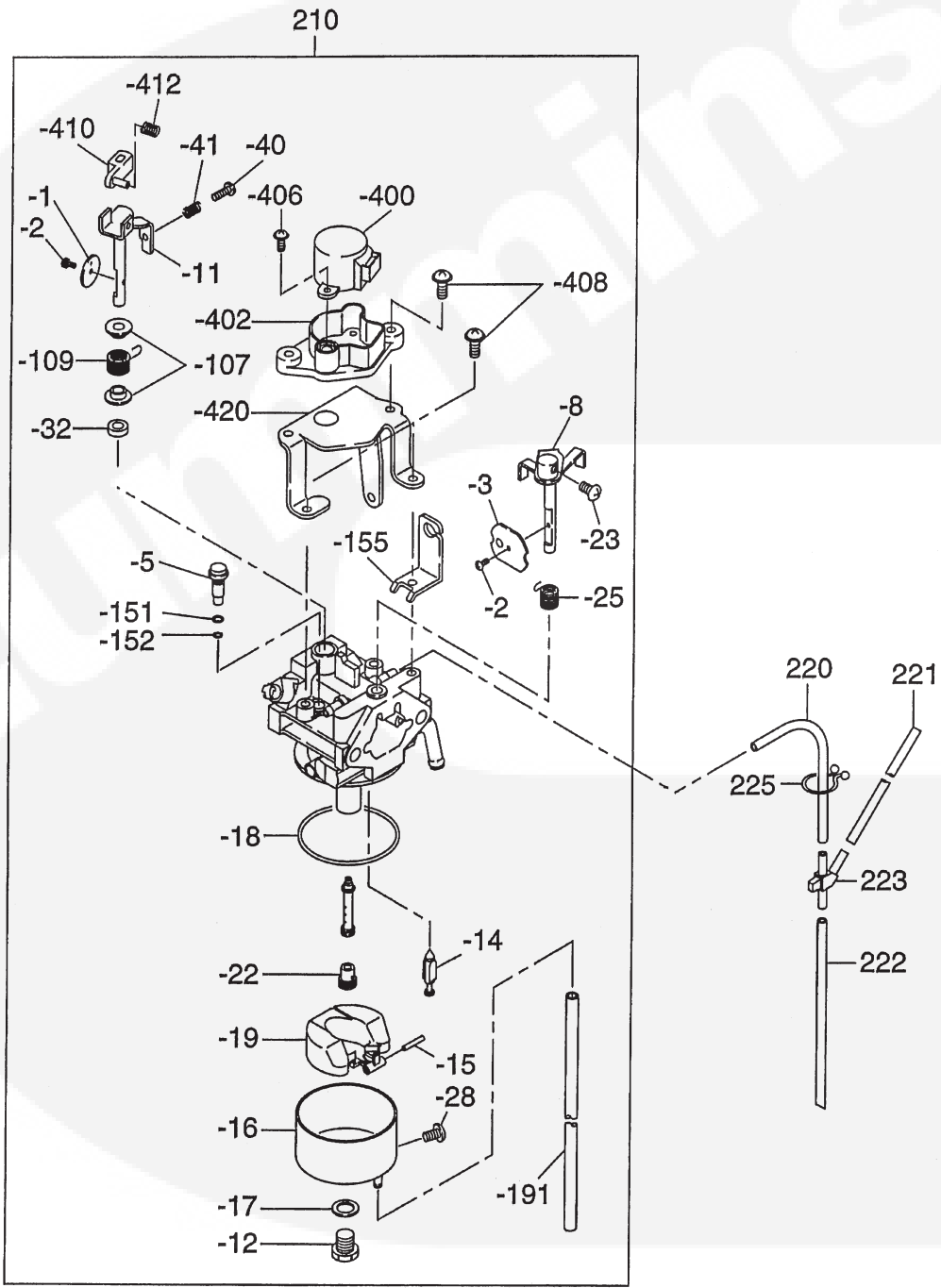


SECTION 10 FUEL GROUP

[illegible]

SECTION 11 CARBURETOR GROUP

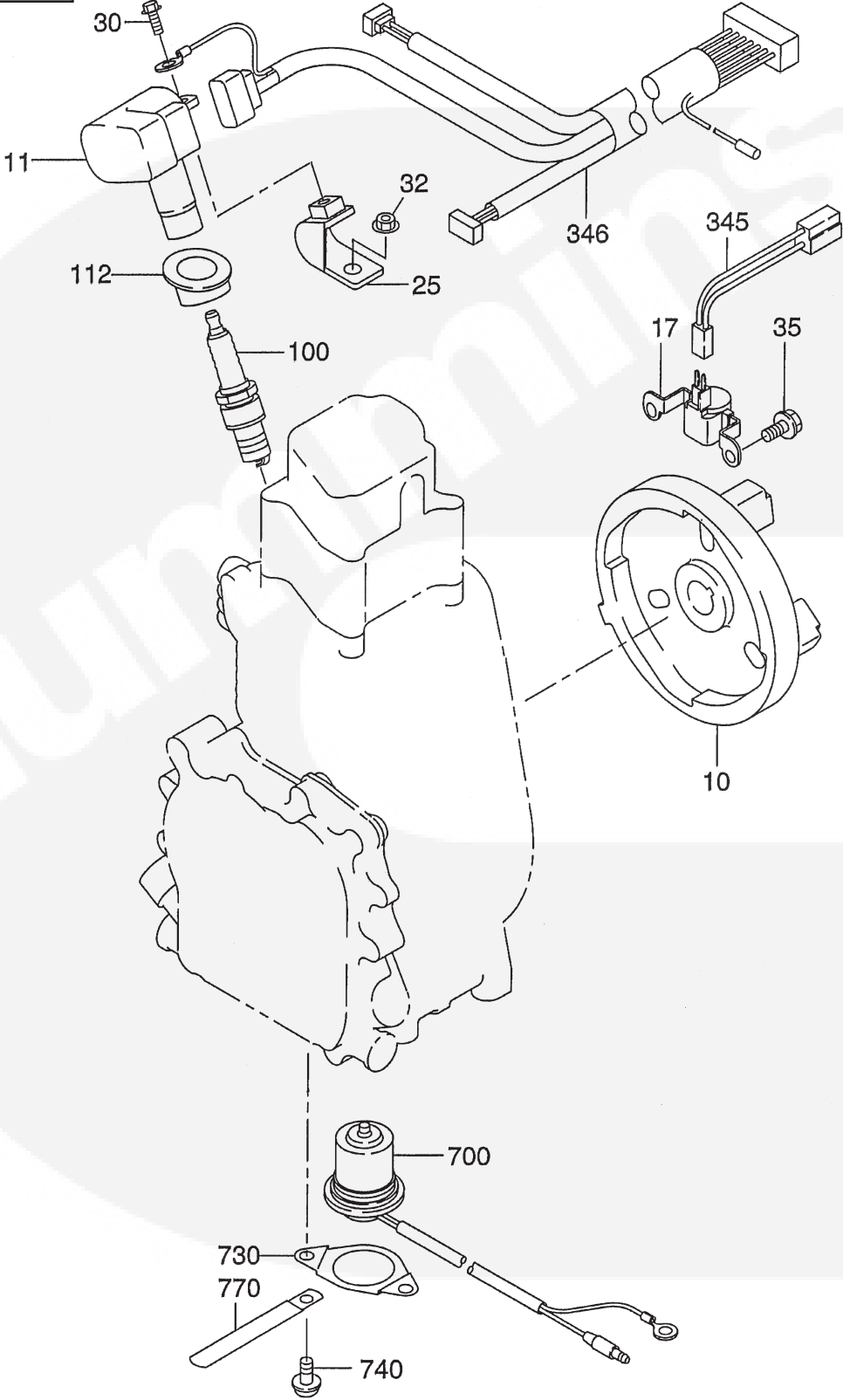
FIG. 1100



SECTION 11 CARBURETOR GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
210	284-62302-20	CARBURETOR	1			1100
-1	284-62535-08	THROTTLE VALVE	1			1100
-2	284-62455-08	SCREW	2			1100
-3	284-62525-08	VALVE CHOKE	1			1100
-5	284-62420-08	SLOW JET	1			1100
-8	284-62520-08	CHOKE SHAFT AY	1			1100
-11	284-62531-08	THROTTLE SHAFT AY	1			1100
-12	284-62355-08	SCREW	1			1100
-14	279-62500-08	NEEDLE VALVE AY	1			1100
-15	284-62515-08	FLOAT LEVER PIN	1			1100
-16	284-62550-08	CHAMBER FLOAT AY	1			1100
-17	251-62350-08	GASKET	1			1100
-18	284-62540-08	GASKET, chamber	1			1100
-19	284-62505-08	FLOAT AY	1			1100
-22	284-62400-08	MAIN JET	1			1100
-23	284-62456-08	SCREW	3			1100
-25	284-62445-08	CHOKE SPRING	1			1100
-28	251-62661-08	DRAIN SCREW	1			1100
-32	251-62559-08	BUSH	1			1100
-40	284-62353-08	ADJUST SCREW	1			1100
-41	279-62445-08	SPRING	1			1100
-107	284-62561-08	COLLAR	1			1100
-109	284-62315-08	THROTTLE SPRING	1			1100
-151	284-62451-08	O RING	1			1100
-152	284-62450-08	O RING	1			1100
-155	284-62570-18	BRACKET WIRE	1			1100
-191	284-62566-18	PIPE	1			1100
-400	284-62580-08	MOTOR	1			1100
-402	284-62576-08	MOTOR BRACKET	1			1100
-406	284-62458-08	SCREW	2			1100
-408	284-62457-08	SCREW	5			1100
-410	284-62555-08	JOINT LEVER	1			1100
-412	284-62446-08	SPRING	1			1100
-420	284-62575-08	BRACKET	1			1100
220	085-09300-00	VINYL PIPE	1			1100
221	085-09300-00	VINYL PIPE	1			1100
222	085-09300-00	VINYL PIPE	1			1100
223	284-67101-03	"Y" CONNECTOR	1			1100
225	056-90000-20	PURSE LOCK	1			1100

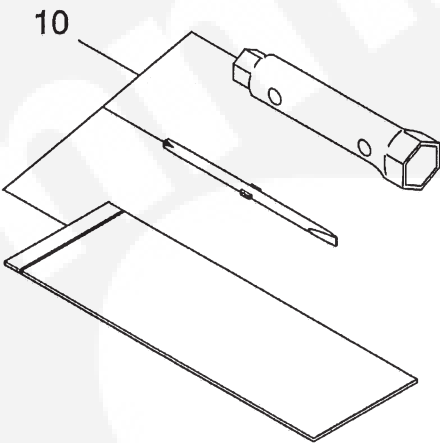
FIG. 1200



SECTION 12 ELECTRICAL GROUP

[illegible]

FIG. 1300



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