



Parts Manual

Performance you rely on.™



50 Hz Portable Inverter Generator Set

EGMBJ / P3200ie

**For Parts Ordering and Technical Support
Please Contact**

**Cummins
50 – 52 Diagonal Road
Pooraka
South Australia 5082**

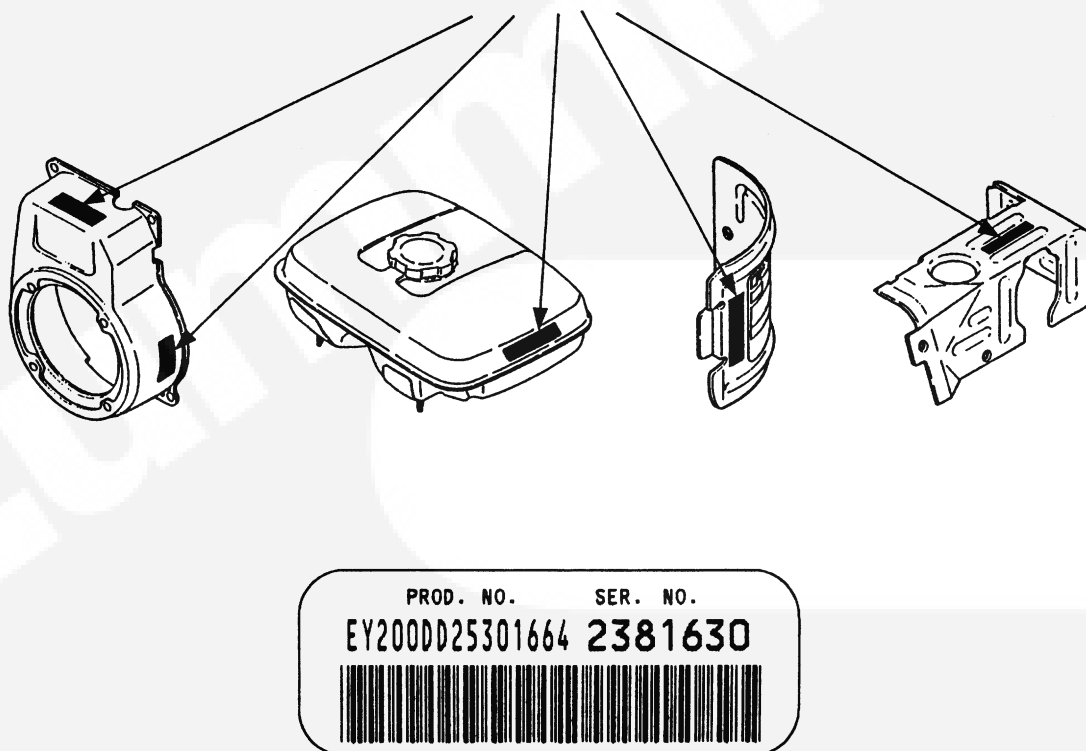
**Parts phone: 08 8368 4358
Service phone: 08 8368 4308**

HOW TO USE THIS MANUAL

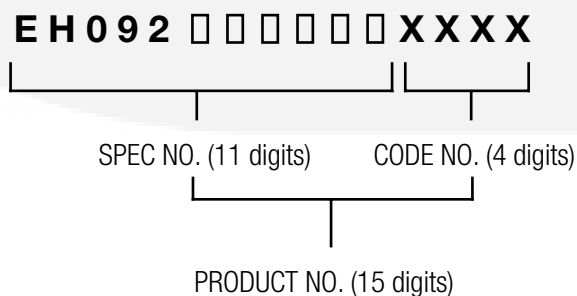
Robin engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant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

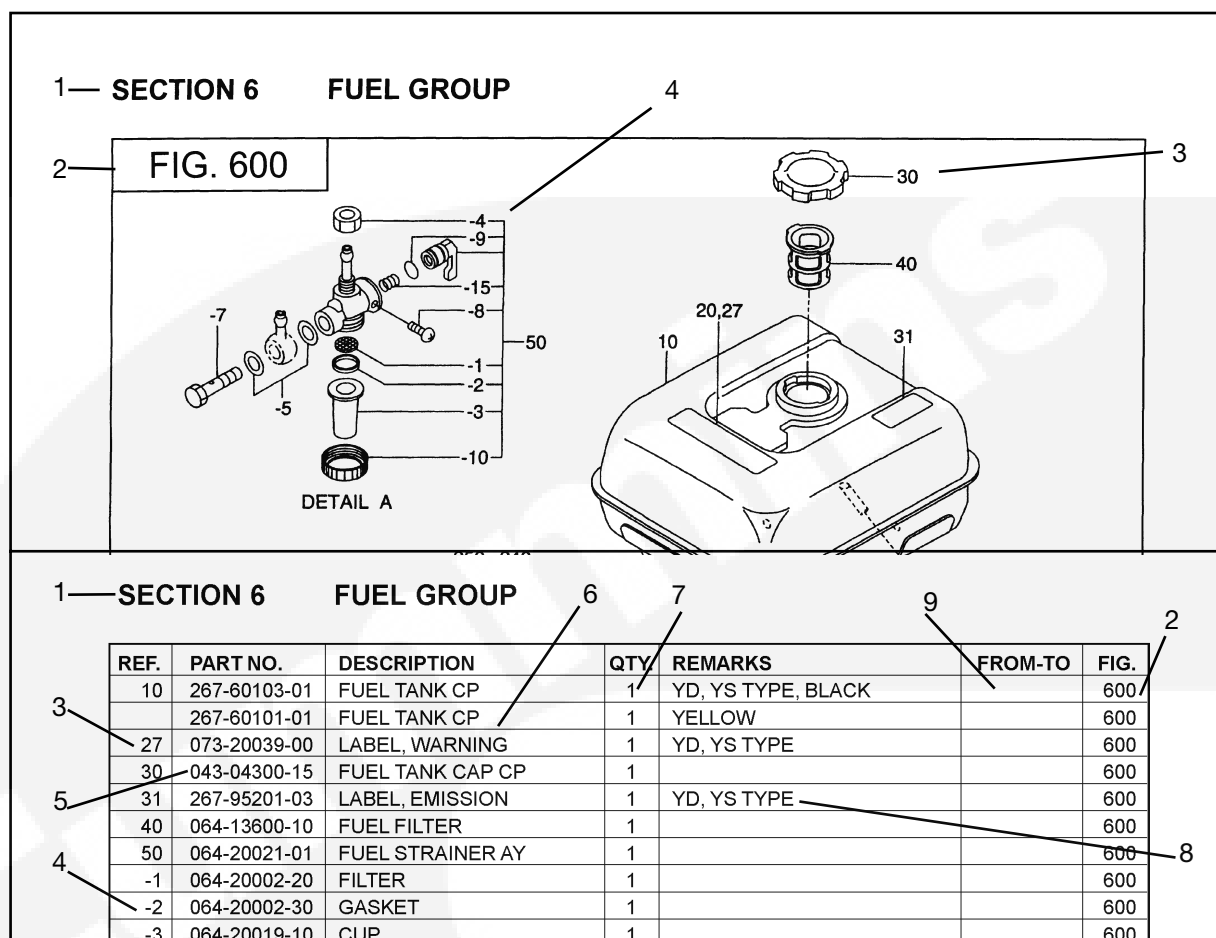
All Robin 4 cycle engines have a Product Number label similar to the label illustrated below.



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 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.

FOREWORD

This parts catalogue is compiled all service parts for Cummins model P3200i.

When modifications or additions to this parts catalogue are made, a revised edition will be issued at an appropriate time.

We recommend obtaining such revisions in order to keep your parts catalogue up-to-date at all times. To check whether a parts catalogue revision has been issued, please contact your Cummins distributor.

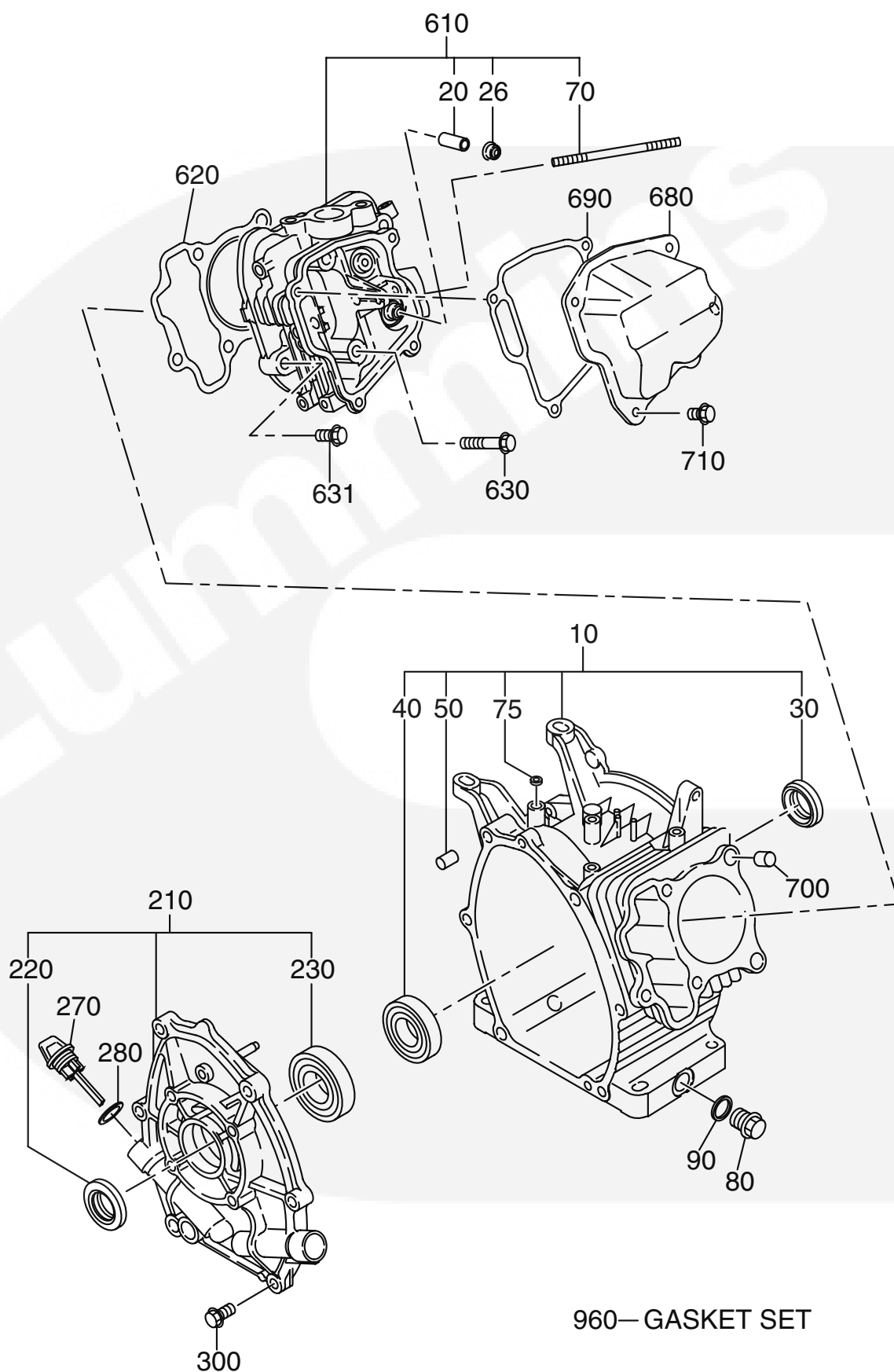
INDEX OF DESCRIPTION SYMBOLS			
SYMBOL	DESCRIPTION		
AY	ASSEMBLY	HEX.	HEXAGONAL
CP	COMPLETE	P=	PITCH (in mm)
EX	EXPORT (from Japan)	P.T.O. (PTO)	POWER TAKE OFF
FIG.	FIGURE	REF.	REFERENCE
FR.	FRONT	R	RIGHT HAND SIDE
"	INCH	RR	REAR
INCL.	INCLUDE	STD	STANDARD
~L	LITRE	SW	SWITCH
L=	LENGTH (in. mm)	T=	THICKNESS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

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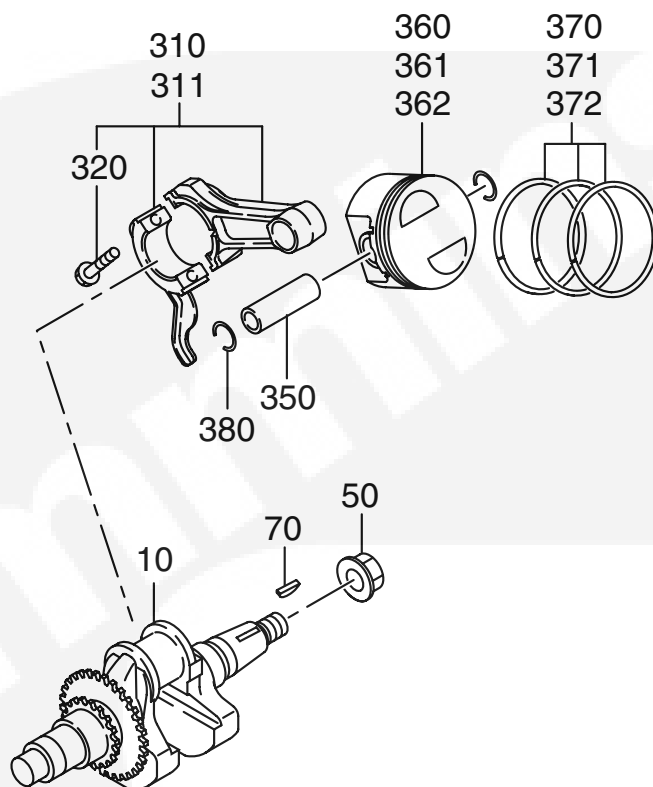
FIG. 100



1 CRANK CASE

[illegible]

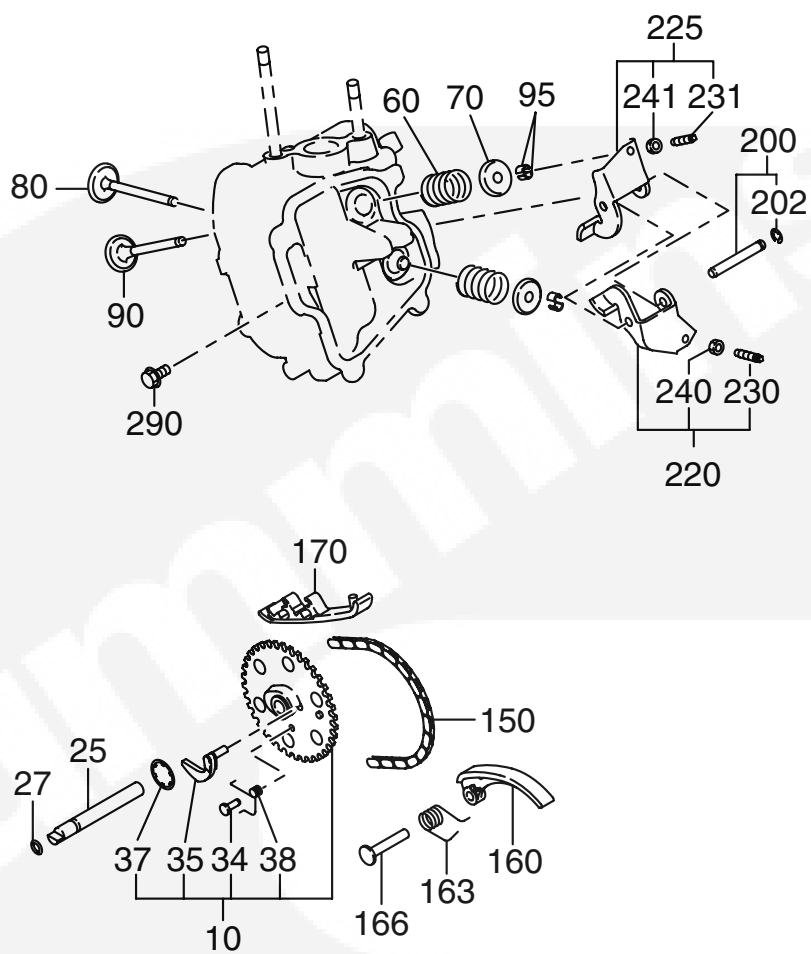
FIG. 200



2 CRANKSHAFT, PISTON

[illegible]

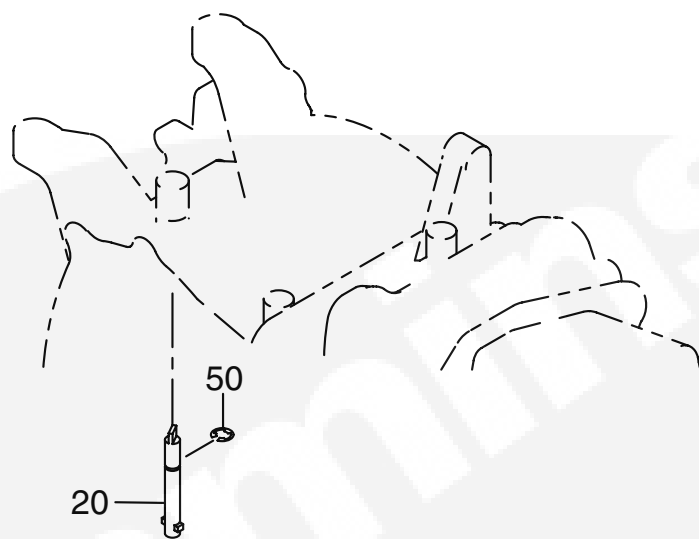
FIG. 300



3 INTAKE EXHAUST

[illegible]

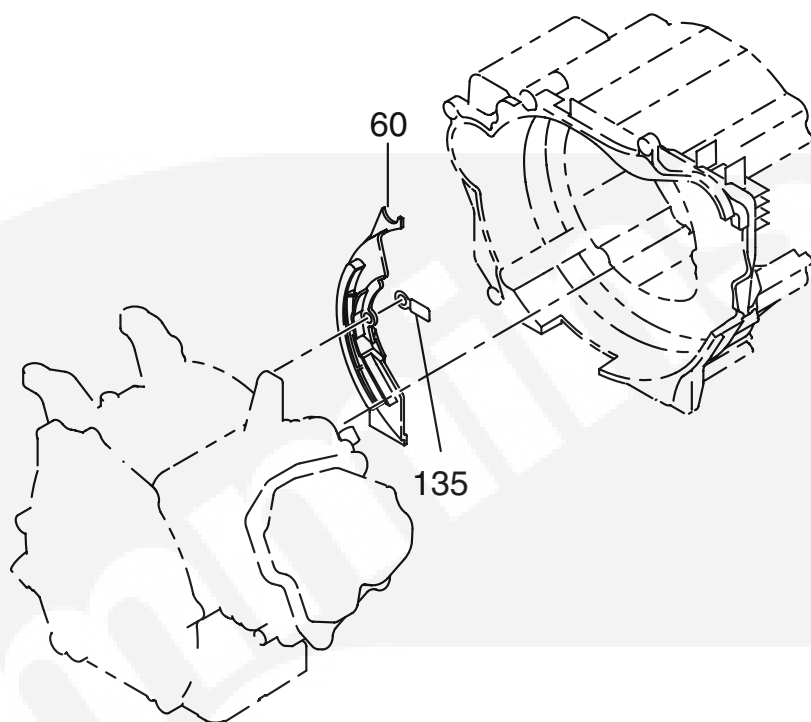
FIG. 400



4 GOVERNOR OPERATION

[illegible]

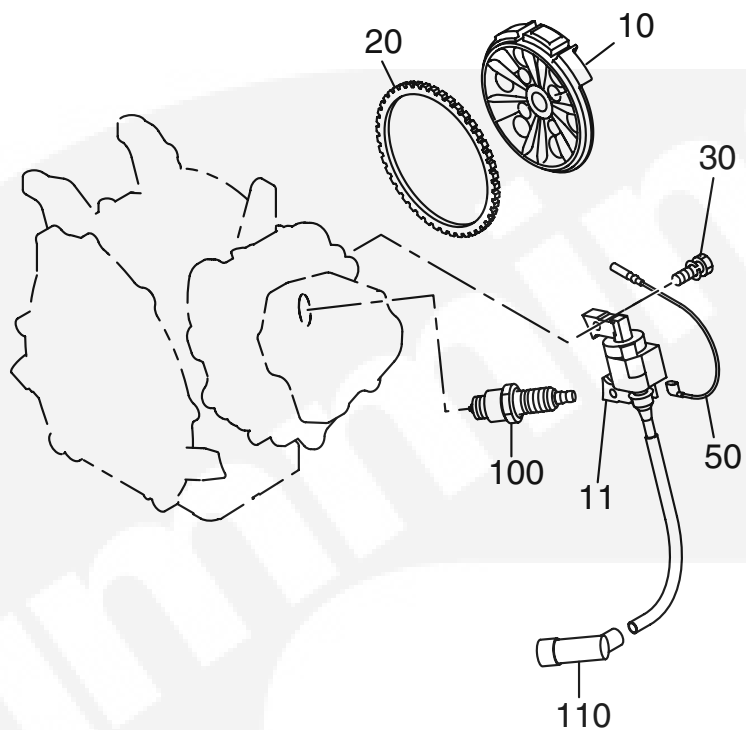
FIG. 500



5 COOLING STARTING

[illegible]

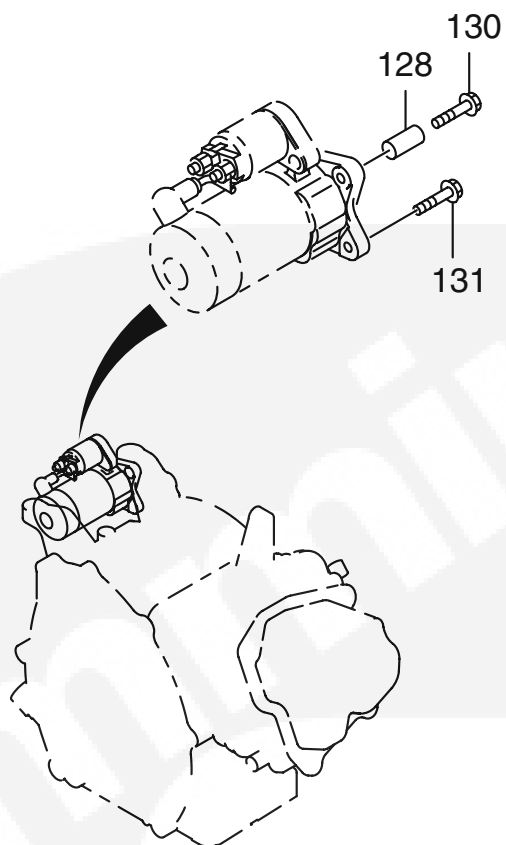
FIG. 700



7 ELECTRIC DEVICE

[illegible]

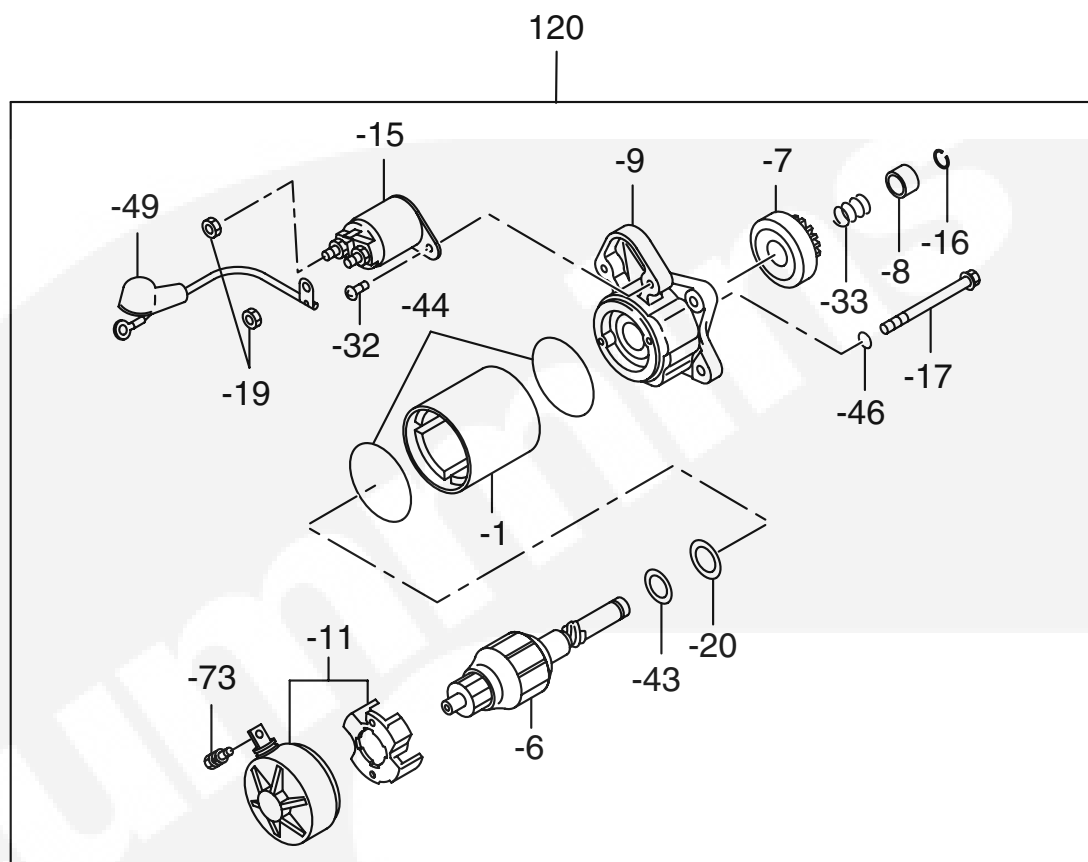
FIG. 720



7 ELECTRIC DEVICE

[illegible]

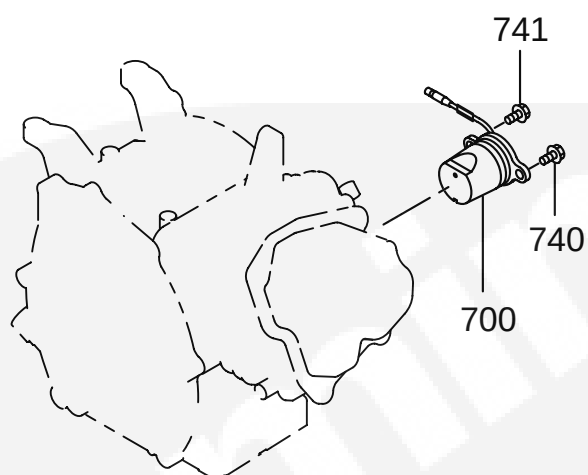
FIG. 730



7 ELECTRIC DEVICE

[illegible]

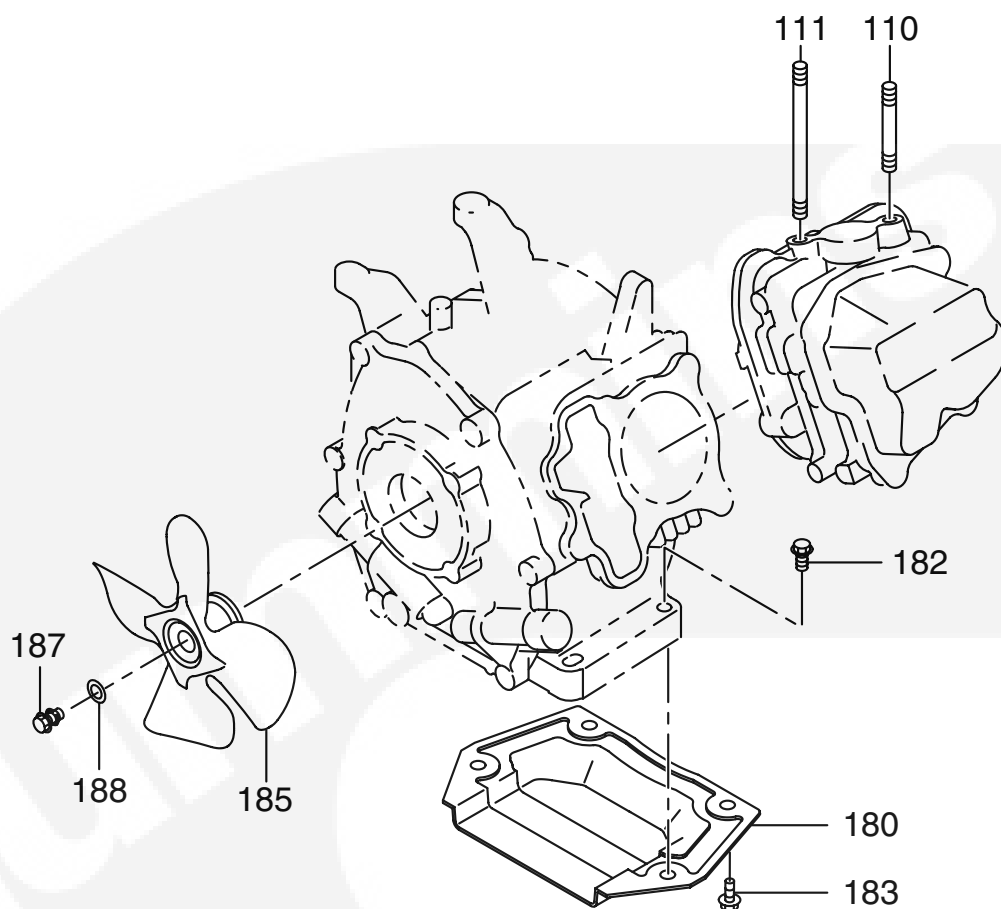
FIG. 770



7 ELECTRIC DEVICE

[illegible]

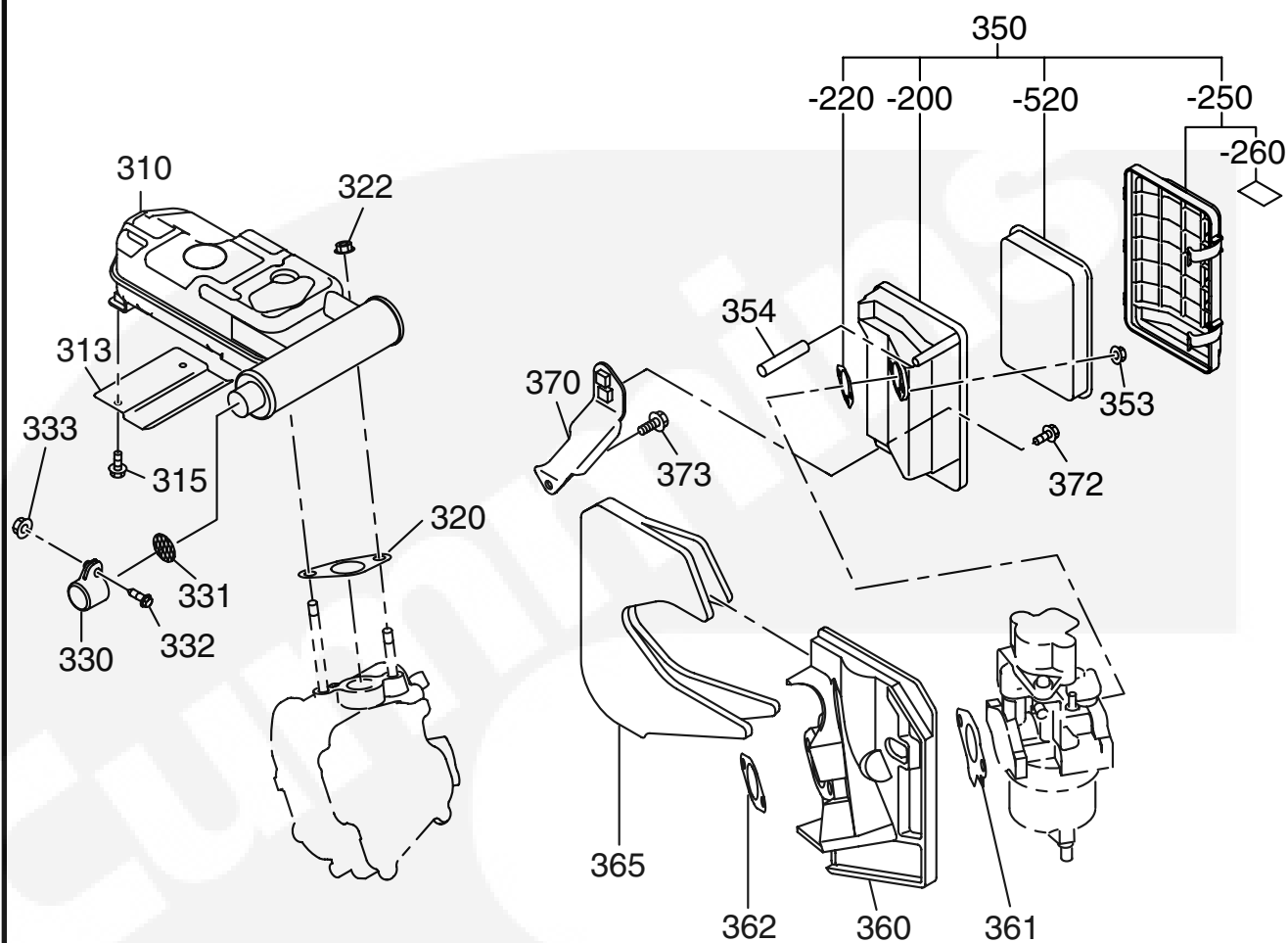
FIG.2110



21 ENGINE

[illegible]

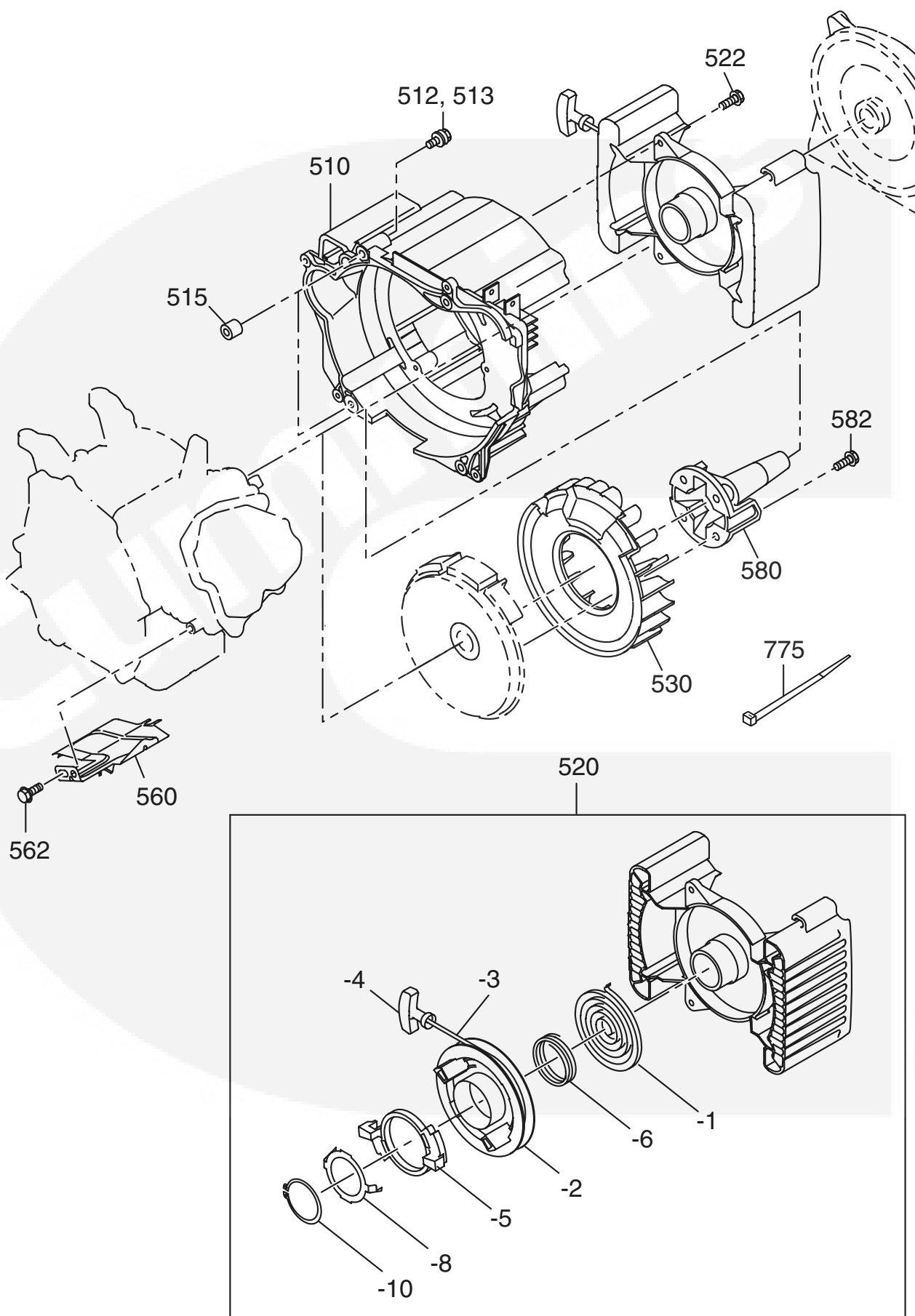
FIG.2130



21 ENGINE

[illegible]

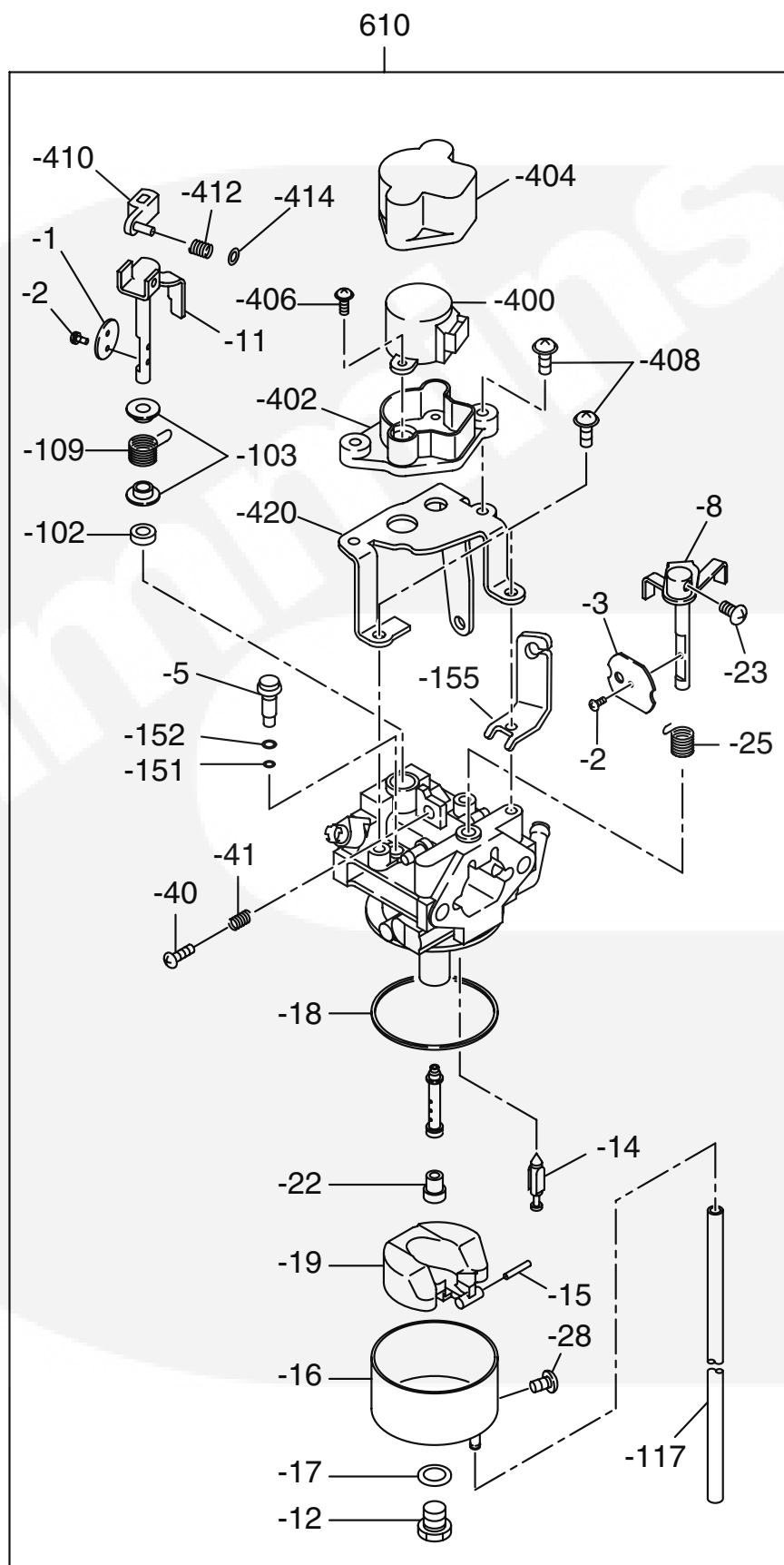
FIG.2150



21 ENGINE

[illegible]

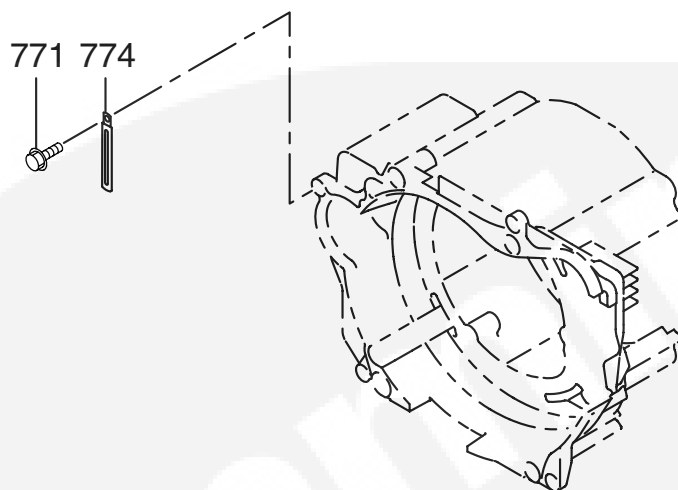
FIG.2160



21 ENGINE

REF.	PART NUMBER	PART NAME	QTY	R E M A R K S	CODE NO.	INTERCHANGE P/NO.	UNIT P	FIG.
610	278-62330-10	CARBURETOR AY	1		-			2160
- 1	277-62536-08	VALVE THROTTLE	1		-			2160
- 2	284-62455-08	SCREW	3		-			2160
- 3	284-62525-08	VALVE CHOKE	1		-			2160
- 5	278-62421-08	JET, SLOW	1		-			2160
- 8	284-62520-08	SHAFT AY CHOKE	1		-			2160
- 11	277-62532-18	SHAFT SUB AY	1		-			2160
- 12	284-62355-08	SCREW	1		-			2160
- 14	279-62500-08	VALVE ASSY NEEDLE	1		-			2160
- 15	284-62515-08	PIN, FLOAT LEVER	1		-			2160
- 16	284-62550-08	CHAMBER AY, FLOAT	1		-			2160
- 17	251-62350-08	GASKET	1		-			2160
- 18	284-62540-08	GASKET CHAMBER	1		-			2160
- 19	284-62505-08	FLOAT AY	1		-			2160
- 22	278-62402-08	JET, MAIN	1		-			2160
- 23	284-62456-08	SCREW	1		-			2160
- 25	284-62445-08	SPRING CHOKE	1		-			2160
- 28	251-62661-08	DRAIN SCREW	1		-			2160
- 40	277-62581-08	SCREW ADJUST	1		-			2160
- 41	251-62449-08	SPRING	1		-			2160
-102	251-62559-08	BUSH	1		-			2160
-103	284-62561-08	COLLAR	2		-			2160
-109	284-62315-18	SPRING THROTTLE	1		-			2160
-117	277-62590-08	PIPE	1		-			2160
-151	284-62450-08	O-RING	1		-			2160
-152	284-62451-08	O-RING	1		-			2160
-155	277-62451-08	BRACKET WIRE	1		-			2160
-400	284-62580-08	MOTOR	1		-			2160
-402	284-62576-18	BRACKET MOTOR	1		-			2160
-404	277-62595-08	COVER MOTOR	1		-			2160
-406	284-62458-08	SCREW	2		-			2160
-408	284-62457-08	SCREW	5		-			2160
-410	284-62555-08	JOINT LEVER	1		-			2160
-412	284-62446-18	SPRING	1		-			2160
-414	284-62447-08	WASHER	1		-			2160
-420	284-62575-08	BRACKET	1		-			2160

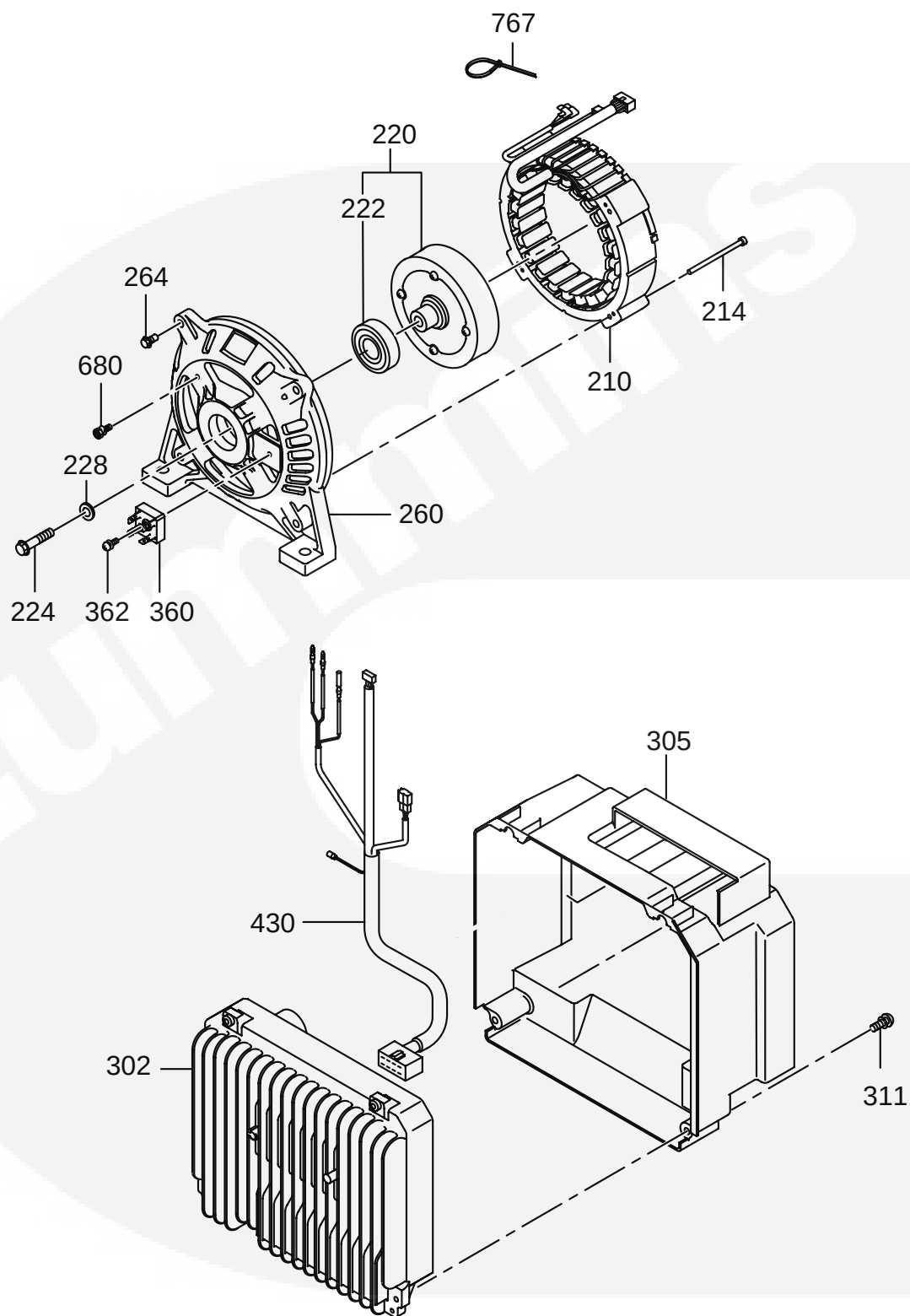
FIG.2170



21 ENGINE

[illegible]

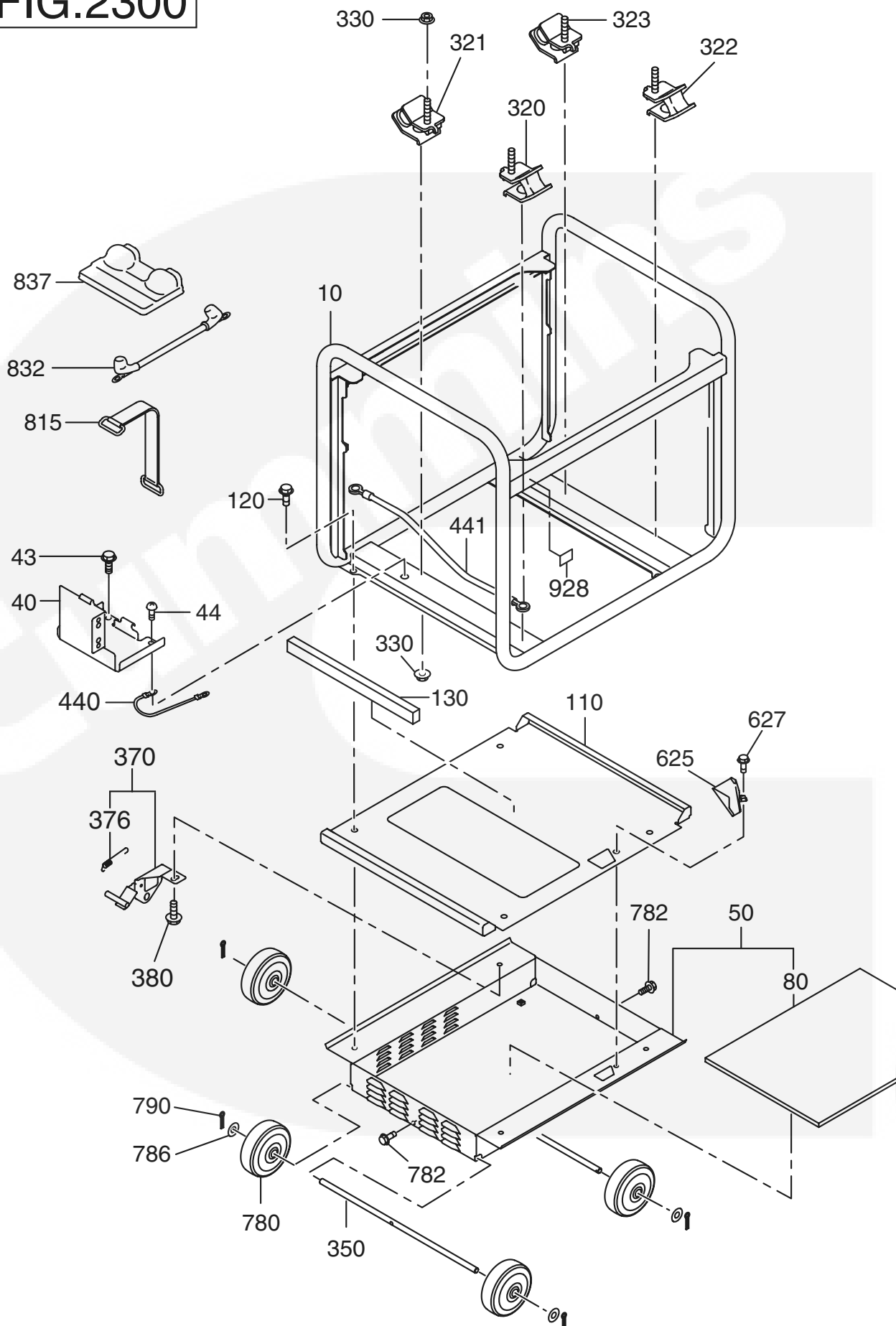
FIG.2200



22 GENERATOR

[illegible]

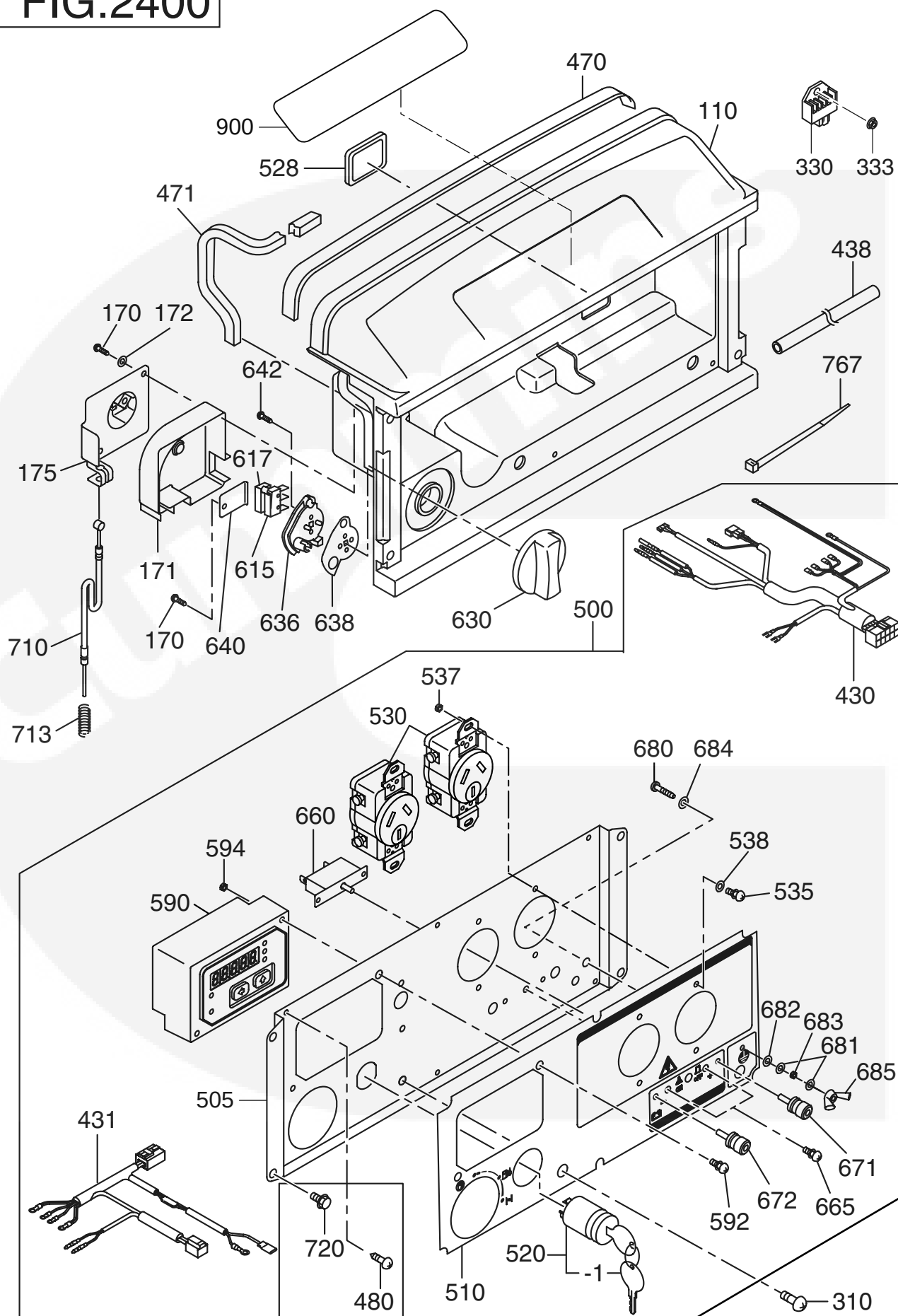
FIG.2300



23 BASE FRAME

REF.	PART NUMBER	PART NAME	QTY	R E M A R K S	CODE NO.	INTERCHANGE P/NO.	UNIT P	FIG.
10	34G-30101-01	PIPE FRAME (IVSL) CP	1		-			2300
40	33B-35601-21	BATTERY BASE CP	1		-			2300
43	011-00600-80	FLANGE BOLT	2	M6X1. 0X14DX12L	-			2300
44	014-00601-21	SCREW	1	M6X1. 0X8L	-			2300
50	34G-53001-11	BASA PLATE (LOWER) CP	1		-			2300
80	34G-59003-03	SPONGE (BASE)	1		-			2300
110	34G-53002-01	BASE PLATE (UPPER) CP	1		-			2300
120	001-14081-60	BOLT AND WASHER AY	4	M8X1. 25X16L W/W, SW	-			2300
130	34G-59004-03	SPONGE (BASE)	1		-			2300
320	32B-30211-11	MOUNT CP (R)	1	27L	-			2300
321	32B-30212-11	MOUNT CP (L)	1	27L	-			2300
322	32B-30202-11	MOUNT CP (L)	1	27L	-			2300
323	32B-30201-11	MOUNT CP (R)	1	27L	-			2300
330	002-38080-00	FLANGE NUT	8	M8X1. 25X17DX7. 5H	-			2300
350	34G-55201-01	SHAFT (WHEEL) CP	2		-			2300
370	34G-56002-10	BRAKE-2 AY	1		-			2300
376	34G-56102-13	SPRING (BRAKE)	1		-			2300
380	001-14081-60	BOLT AND WASHER AY	1	M8X1. 25X16L W/W, SW	-			2300
440	33B-48091-01	EARTH WIRE CP	1		-			2300
441	34B-48091-01	EARTH WIRE CP	1		-			2300
625	34G-55211-21	DRAIN GUIDE CP	1		-			2300
627	011-00600-80	FLANGE BOLT	1	M6X1. 0X14DX12L	-			2300
780	393-30603-01	WHEEL CP	4		-			2300
782	011-00600-80	FLANGE BOLT	2	M6X1. 0X14DX12L	-			2300
786	003-11120-00	WASHER	3	12. 5DX26DX2. 3T	-			2300
790	005-10302-50	COTTER PIN	4		-			2300
815	33B-58001-01	BATTERY BAND	1		-			2300
832	33B-48071-11	BATTERY WIRE CP	1		-			2300
837	33B-35701-03	BATTERY COVER	1		-			2300
928	073-20055-20	LABEL (PLUG CAUTION)	1		-			2300

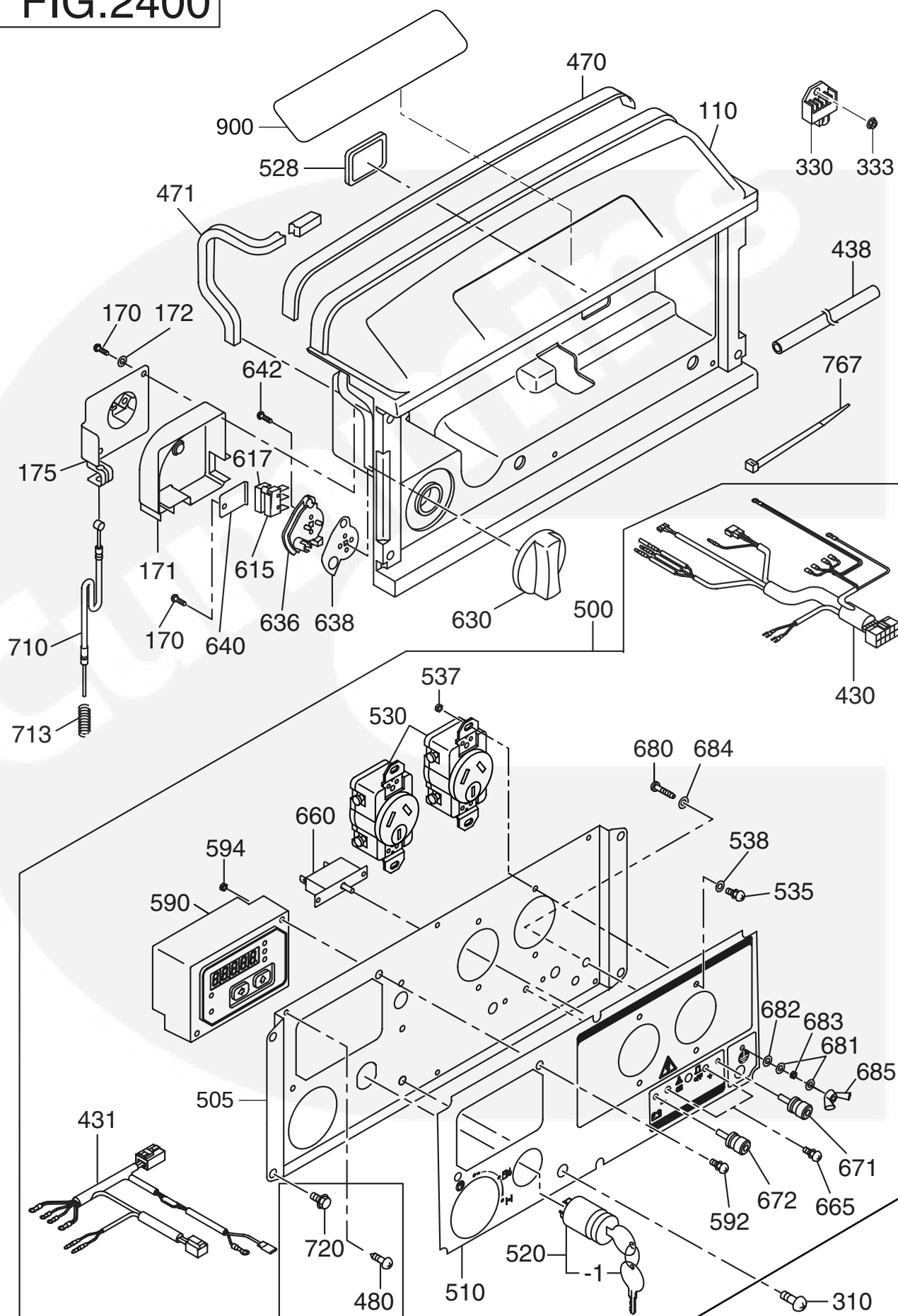
FIG.2400



24 CONTROL

REF.	PART NUMBER	PART NAME	QTY	R E M A R K S	CODE NO.	INTERCHANGE P/NO.	UNIT P	FIG.
110	33B-50005-01	FRONT COVER CP, UPPER	1		-			2400
170	015-00400-70	TAPPING SCREW	3	M4X20L	-			2400
171	33B-46001-03	COVER (COCK)	1		-			2400
172	003-10040-00	WASHER	2		-			2400
175	33B-46012-11	BRACKET (COCK)	1		-			2400
310	004-36061-60	SCREW AND WASHER AY	2	M6X1. 0X16L W/W, SW	-			2400
330	33B-47203-01	REGULATOR CP	1		-			2400
333	002-38060-00	FLANGE NUT	1	M6X1. 0X13DX6H	-			2400
430	34B-48002-01	WIRE HARNESS CP	1		-			2400
431	33B-48051-21	WIRE HARNESS CP	1		-			2400
438	34H-49001-03	CORRUGATED TUBE	1		-			2400
470	34B-57311-03	SEAL SPONGE FC2	1		-			2400
471	34G-47001-03	SEAL SPONGE (C. BOX 1)	1		-			2400
480	353-49904-08	TAPPING SCREW	6		-			2400
500	34C-45811-50	CONTROL PANEL AY	1		-			2400
505	33B-45011-01	PANEL PLATE CP	1		-			2400
510	34B-49123-13	SHEET 23, PANEL VS	1		-			2400
520	066-00003-30	SWITCH	1		-			2400
- 1	066-00099-80	KEY, SWITCH	2	MARK 103	-			2400
528	227-75001-03	GROMMET	1		-			2400
530	353-45719-08	AC CONCENT (30 TWIST)	2	AC250V 15A	-			2400
535	004-35041-00	SCREW AND WASHER AY	4		-			2400
537	002-17040-00	NUT	4		-			2400
538	003-10040-00	WASHER	4		-			2400
590	KU3-11770-21	MONITOR C/U CP (INV2)	1		-			2400
592	013-10400-80	SCREW AND WASHER AY	2		-			2400
594	002-17040-00	NUT	2		-			2400
615	33K-41811-03	MICRO SWITCH	1		-			2400
617	33D-46040-03	SPACER (SWITCH)	1		-			2400
630	33K-42010-03	CONTROL DIAL	1		-			2400
636	33K-42020-03	CHOKE REEL	1		-			2400
638	33K-42030-23	PLATE	1		-			2400
640	33B-46015-01	BRACKET (MICRO)	1		-			2400
642	33K-41814-08	TAPPING SCREW	2		-			2400
660	352-45620-08	CIRCUIT BREAKER	1		-			2400
665	31B-79011-03	SCREW & WASHER AY	2		-			2400
671	363-45701-08	TERMINAL BOLT	1	RED 20A	-			2400
672	363-45700-08	TERMINAL BOLT	1	BLACK 20A	-			2400
680	388-88001-03	SCREW AND WASHER AY	1		-			2400
681	332-00050-08	SPRING WASHER	2		-			2400

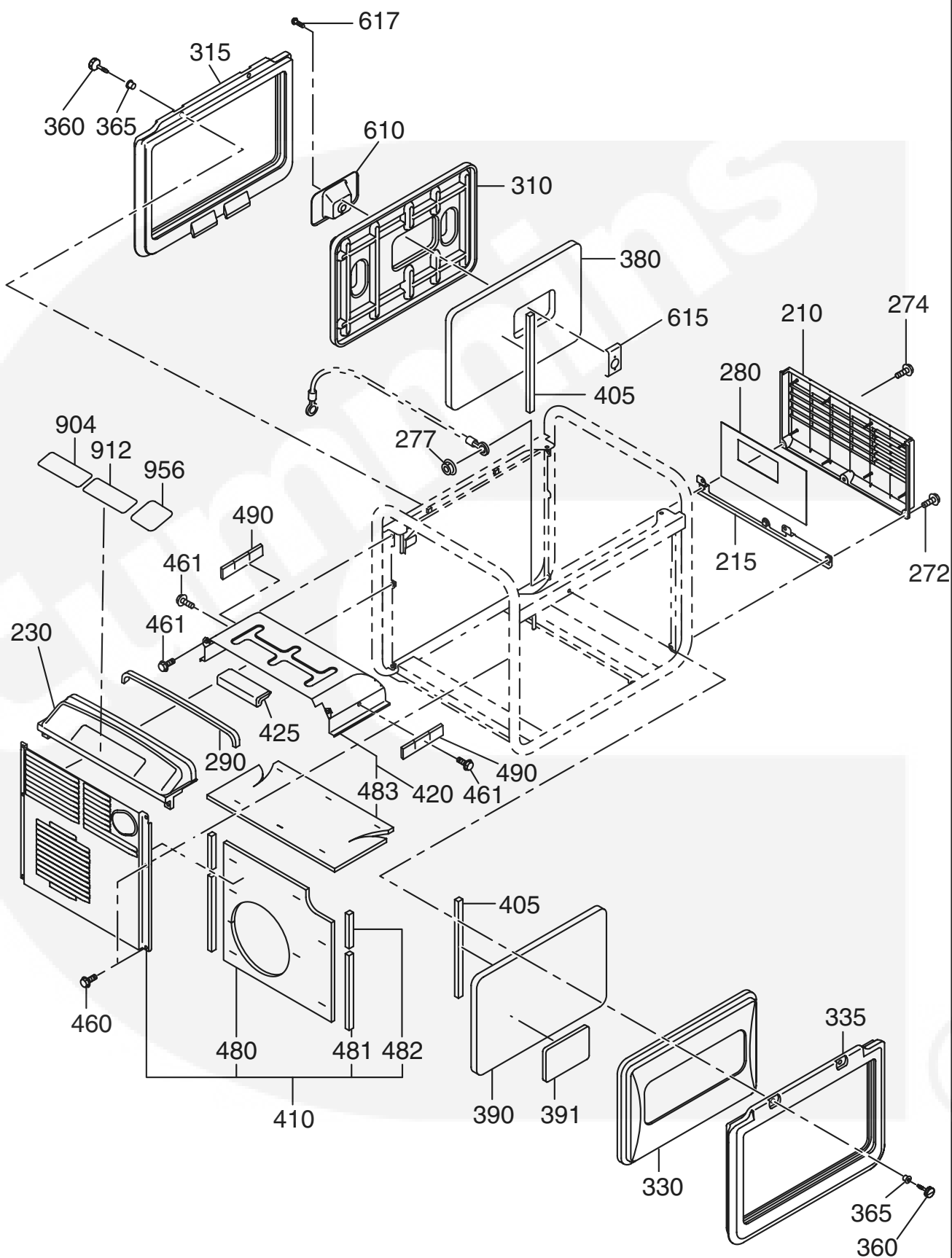
FIG.2400



24 CONTROL

[illegible]

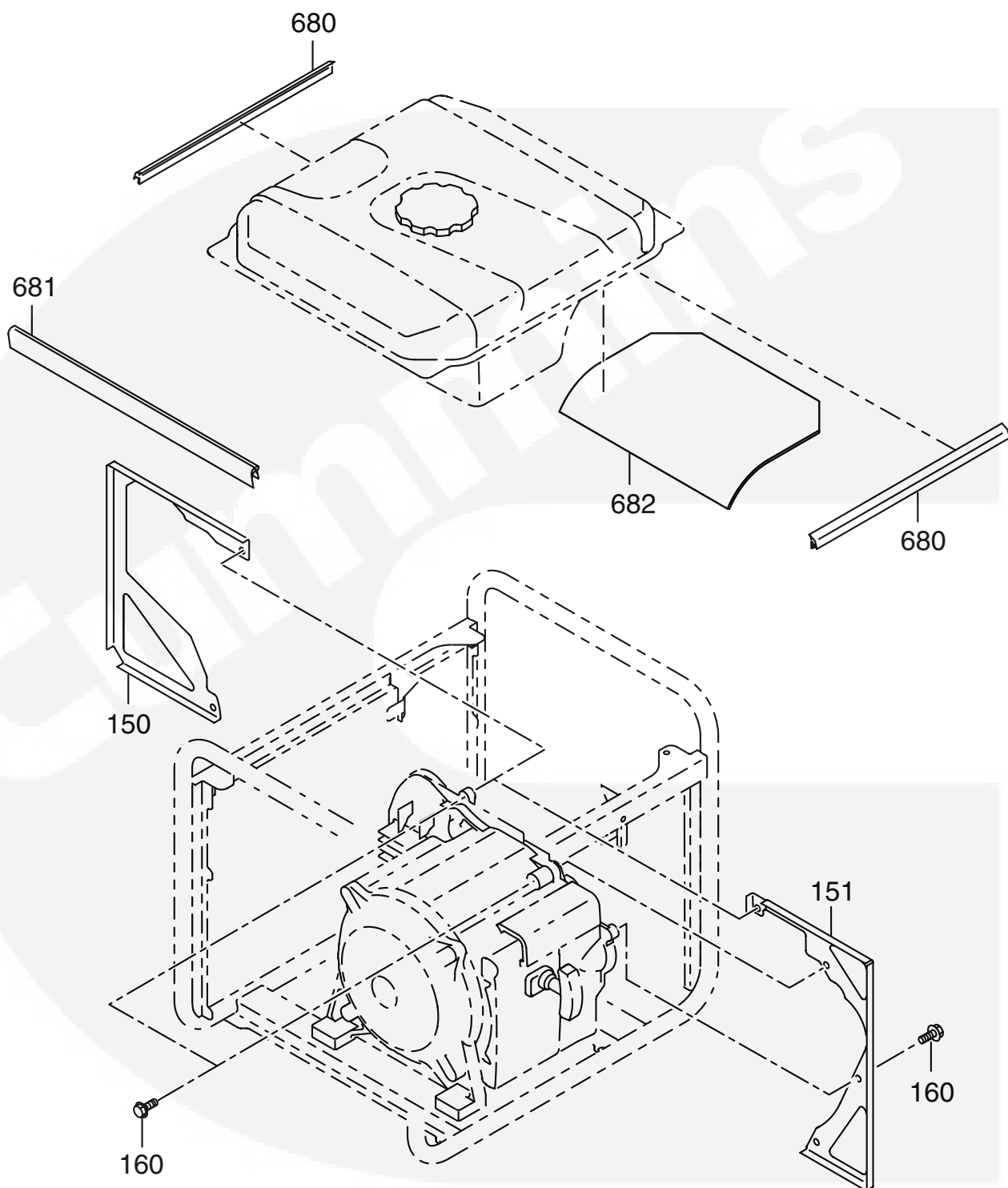
FIG.2500



25 COVER

REF.	PART NUMBER	PART NAME	QTY	R E M A R K S	CODE NO.	INTERCHANGE P/NO.	UNIT P	FIG.
210	33B-50101-01	FRONT COVER (LOWER) CP	1		-			2500
215	33B-35501-01	BRACKET (COVER) CP	1		-			2500
230	33B-50501-01	REAR COVER (UPPER) CP	1		-			2500
272	011-00601-80	FLANGE BOLT	2	M6X1. 0X14DX18L	-			2500
274	001-11062-50	BOLT AND WASHER AY	1		-			2500
277	002-38060-00	FLANGE NUT	1	M6X1. 0X13DX6H	-			2500
280	34B-57310-03	SEAL SPONGE FC1	1		-			2500
290	34B-57311-03	SEAL SPONGE FC2	1		-			2500
310	34G-51005-01	SIDE COVER R CP	1		-			2500
315	34G-55101-03	SIDE RUBBER SEAL	1		-			2500
330	34G-51105-01	SIDE COVER L CP	1		-			2500
335	34G-55101-03	SIDE RUBBER SEAL	1		-			2500
360	34G-55303-01	COVER BOLT	4		-			2500
365	34G-55304-01	SPACER	4		-			2500
380	34G-59001-23	SPONGE (S COVER-R)	1		-			2500
390	34G-59002-13	SPONGE (S COVER-L)	1		-			2500
391	34G-59008-03	SPONGE (S COVER-L)	1		-			2500
405	34G-57321-03	SEAL SPONGE (SIDE)	2		-			2500
410	33B-56411-11	MUF COVER (REAR) CP	1		-			2500
420	34G-56351-01	MUFFLER COVER (L) CP	1		-			2500
425	33B-57005-03	SEAL RUBBER	1		-			2500
460	011-00601-80	FLANGE BOLT	6	M6X1. 0X14DX18L	-			2500
461	011-00600-80	FLANGE BOLT	4	M6X1. 0X14DX12L	-			2500
480	33B-57105-03	GLASS WOOL (M-COVER)	1		-			2500
481	34G-57331-03	SPONGE1 (M. COVER)	2		-			2500
482	34G-57332-03	SPONGE2 (M. COVER)	2		-			2500
483	33B-57103-03	GLASS WOOL	1		-			2500
490	34G-57322-03	SEAL SPONGE (MF17. 21)	2		-			2500
610	34G-55001-11	COVER (RECOIL KNOB) CP	1		-			2500
615	34G-55002-01	PLATE CP	1		-			2500
617	004-35061-00	SCREW AND WASHER AY	2	M6X1. 0X10L W/SW	-			2500
904	34H-96807-03	LABEL (SPEC)	1		-			2500
912	33K-94002-03	LABEL (CAUTION)	1		-			2500
956	073-20045-00	LABEL (HOT&GAS)	1		-			2500

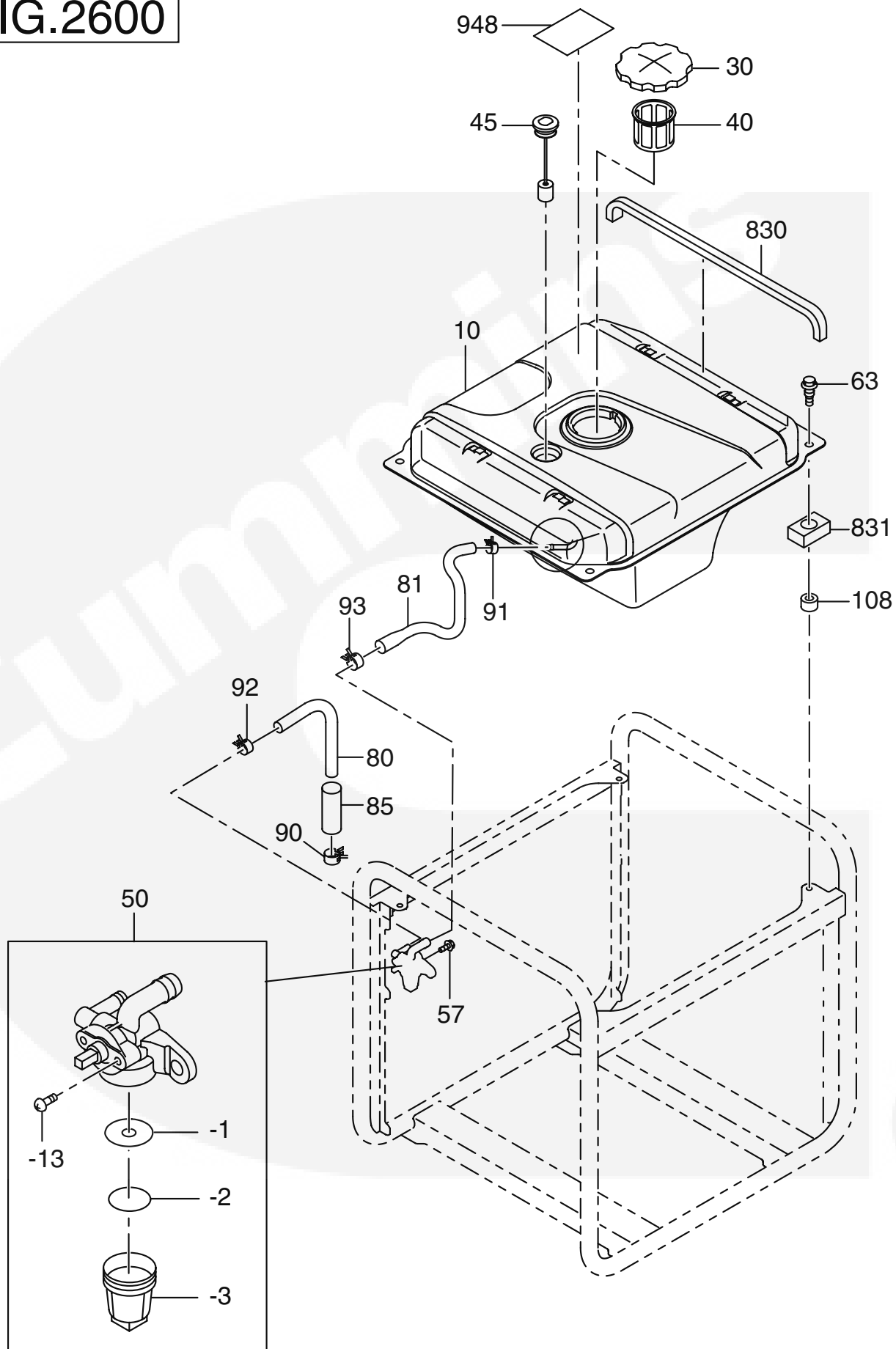
FIG.2510



25 COVER

[illegible]

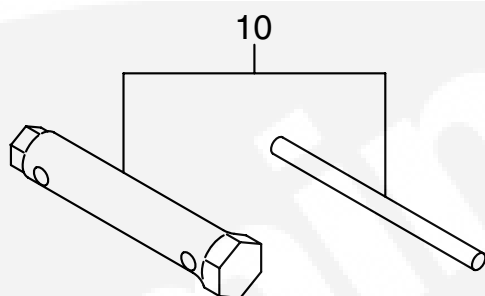
FIG.2600



26 FUEL TANK

[illegible]

FIG.2900



29 ACCESSORIES

[illegible]

NOTES



NOTES



NOTES



Cummins Onan

Cummins Power Generation

1400 73rd Ave. NE
Minneapolis, MN 55432 USA

Phone 1 763 574 5000

Toll-free 1 800 888 6626

Fax 1 763 574 5298

Email www.cumminsonan.com/contact
www.cumminsonan.com

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