



Parts Manual

Performance you rely on.™



50 Hz Portable Inverter Generator Set

EGMBK / P4300ie

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

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

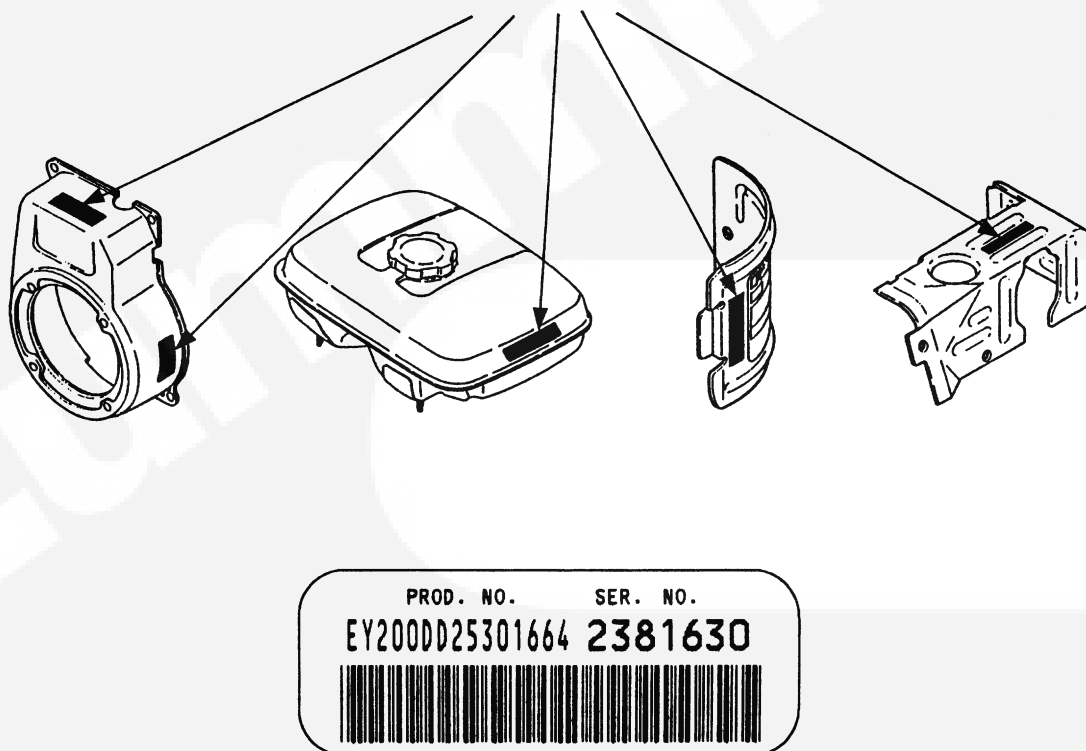
**Parts phone: 08 8368 4358
Service phone: 08 8368 4308**

HOW TO USE THIS MANUAL

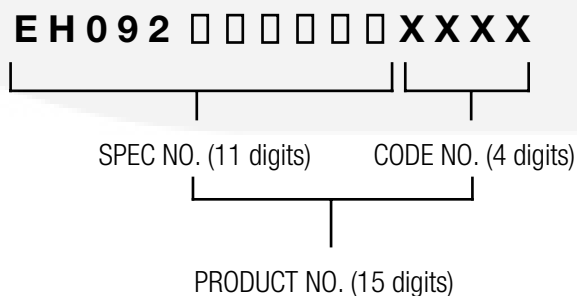
Robin engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant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

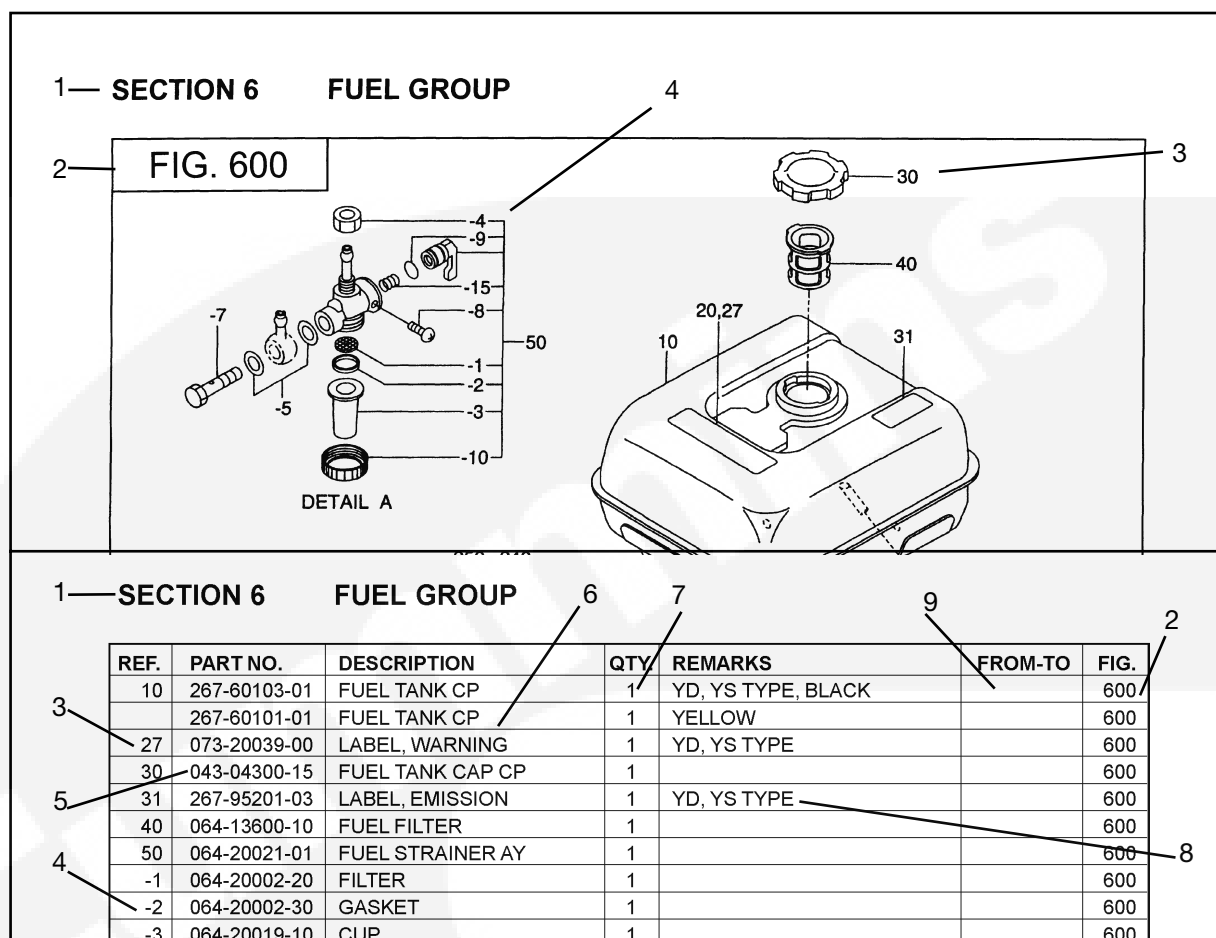
All Robin 4 cycle engines have a Product Number label similar to the label illustrated below.



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 P4300i.

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.

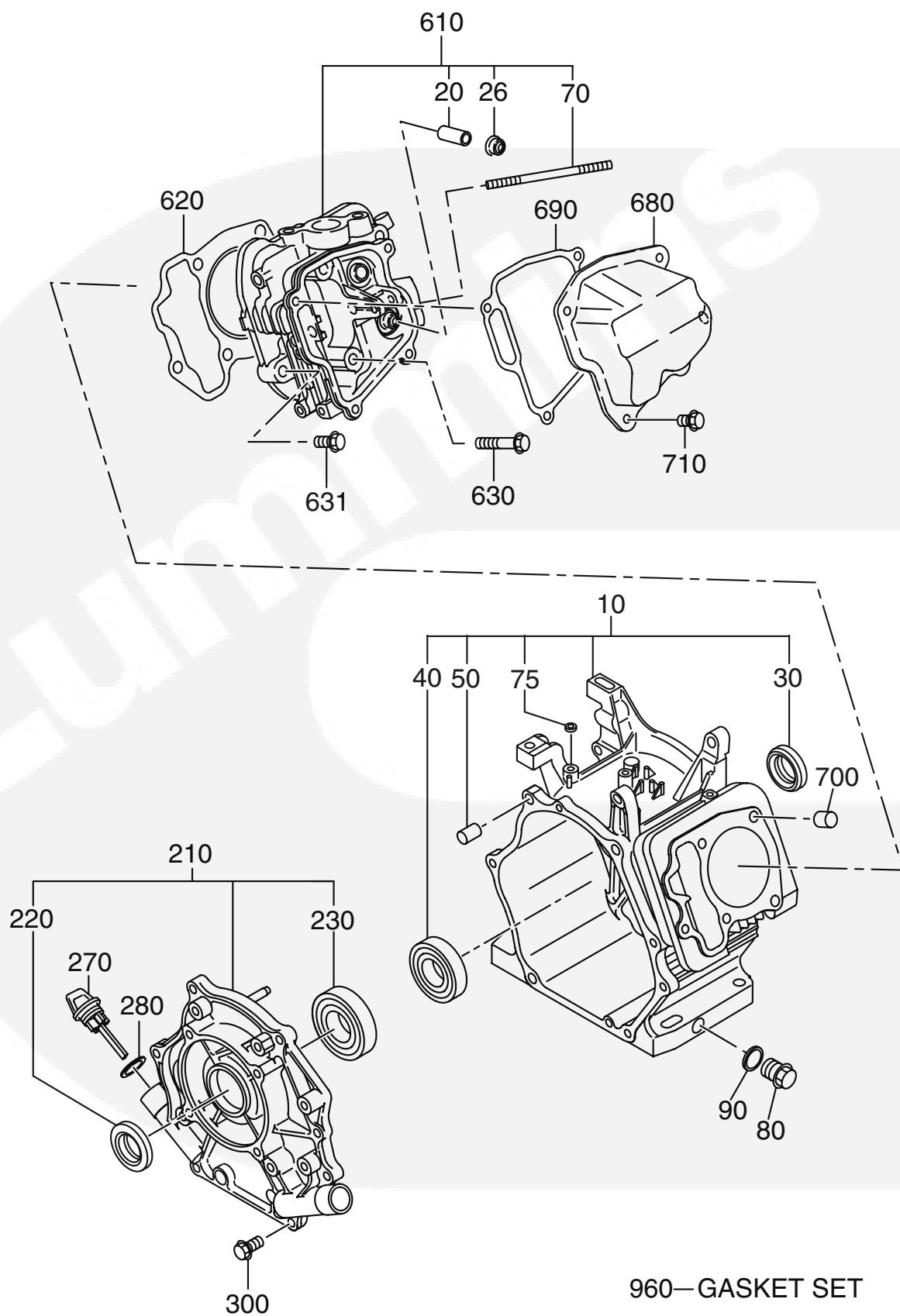
INDEX OF DESCRIPTION SYMBOLS			
SYMBOL	DESCRIPTION	HEX.	HEXAGONAL
AY	ASSEMBLY	P=	PITCH (in mm)
CP	COMPLETE	P.T.O. (PTO)	POWER TAKE OFF
EX	EXPORT (from Japan)	REF	REFERENCE
FIG.	FIGURE	R	RIGHT HAND SIDE
FR.	FRONT	RR	REAR
"	INCH	STD	STANDARD
INCL.	INCLUDE	SW	SWITCH
~L	LITRE	T=	THICKNESS (in mm)
L=	LENGTH (in. mm)	UN	UNIT
L	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
N.	INLET	A.C.	ALT CURRENT
EX.	EXHAUST	D.C.	DIRECT CURRENT

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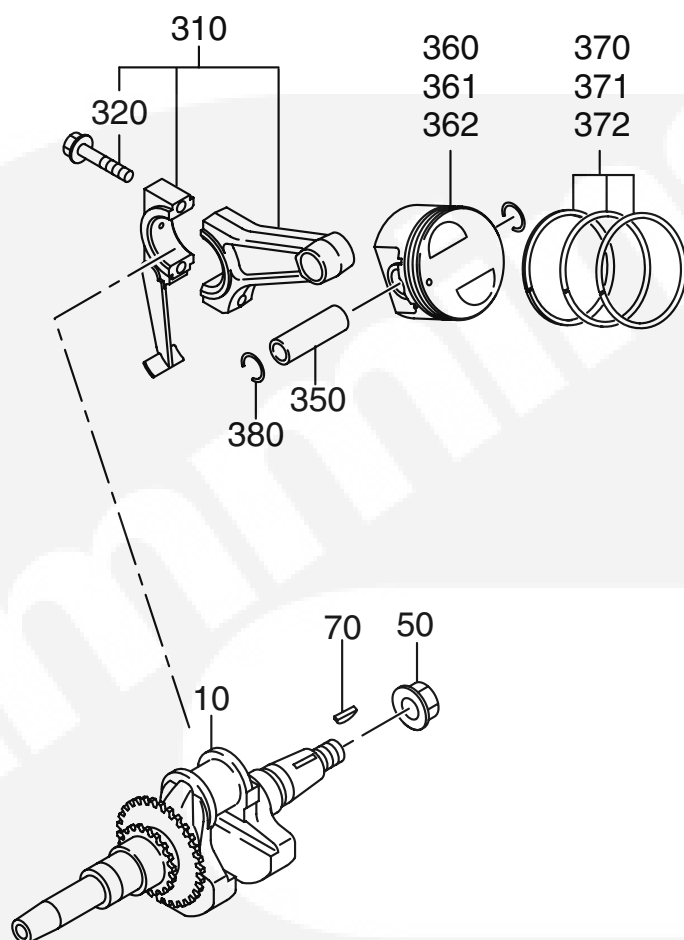
FIG. 100



1 CRANK CASE

REF.	PART NUMBER	PART NAME	QTY	R E M A R K S	CODE NO.	INTERCHANGE P/NO.	UNIT P	FIG.
10	279-10102-91	CRANK CASE CP	1	W/OIL SENSOR	6951-			100
	279-10102-81	CRANK CASE CP	1	W/OIL SENSOR	6819-6950	279-10102-91		100
	279-10102-71	CRANK CASE CP	1	W/OIL SENSOR	6713-6818	279-10102-81		100
	279-10102-51	CRANK CASE CP	1	W/OIL SENSOR	-6712	279-10102-71		100
20	237-14202-03	VALVE GUIDE	2	5. 5DX9. 5DX27L	-			100
26	277-16010-01	STEM SEAL	1	5. 5DX9. 5DX15DX7. 8B	-			100
30	044-03001-60	OIL SEAL	1	30DX45DX7B	-			100
40	060-03003-41	BALL BEARING	1	30DX62DX16B	-			100
50	277-15011-03	PIPE KNOCK	2	10. 3DX8. 5DX14L	-			100
70	010-50604-10	STUD	2	M6X1. 0X107L	-			100
75	044-00600-20	OIL SEAL	1	6DX10DX2. 5B	-			100
80	040-11400-30	PLUG	2	M14X1. 5X20DX12L	-			100
90	021-11400-20	GASKET	2	14. 1DX19DX2. 3T	-			100
210	279-11001-21	MAIN BEARING COVER C	1		-			100
220	044-03001-60	OIL SEAL	1	30DX45DX7B	-			100
230	060-03003-70	BALL BEARING	1	30DX62DX16B	-			100
270	279-63601-23	OIL GAUGE	2	M22X1. 5 L=67. 5+18	7110-			100
	279-63601-13	OIL GAUGE	2	M22X1. 5 L=67. 5+18	-7109	279-63601-23		100
280	021-32000-50	GASKET	2	20DX27DX1. 5T RUBBER	-			100
300	001-04083-50	FLANGE BOLT	7	M8X1. 25X16DX35L	-			100
610	279-13005-11	CYLINDER HEAD CP	1		6635-			100
	279-13005-01	CYLINDER HEAD CP	1		-6634	279-13005-11		100
620	279-15001-33	GASKET (HEAD)	1	T=0. 2	6241-			100
	279-15001-23	GASKET (HEAD)	1	T=0. 2	-6240	279-15001-33		100
630	011-00802-40	FLANGE BOLT	4	M8X1. 25X16DX68L	-			100
631	011-00803-10	FLANGE BOLT	1	M8X1. 25X16DX33L	6179-			100
	001-04083-50	FLANGE BOLT	1	M8X1. 25X16DX35L	-6178			100
680	277-15503-01	ROCKER COVER CP	1		6666-			100
	277-15501-01	ROCKER COVER CP	1		-6665	277-15503-01		100
690	277-16001-13	GASKET (ROCKER COVER)	1	T=0. 5	6241-			100
	277-16001-03	GASKET (ROCKER COVER)	1	T=0. 7	-6240	277-16001-13		100
700	277-15011-03	PIPE KNOCK	2	10. 3DX8. 5DX14L	-			100
710	011-00600-20	FLANGE BOLT	4	M6X1. 0X14DX12L	-			100
960	279-99001-27	GASKET SET	1		-			100

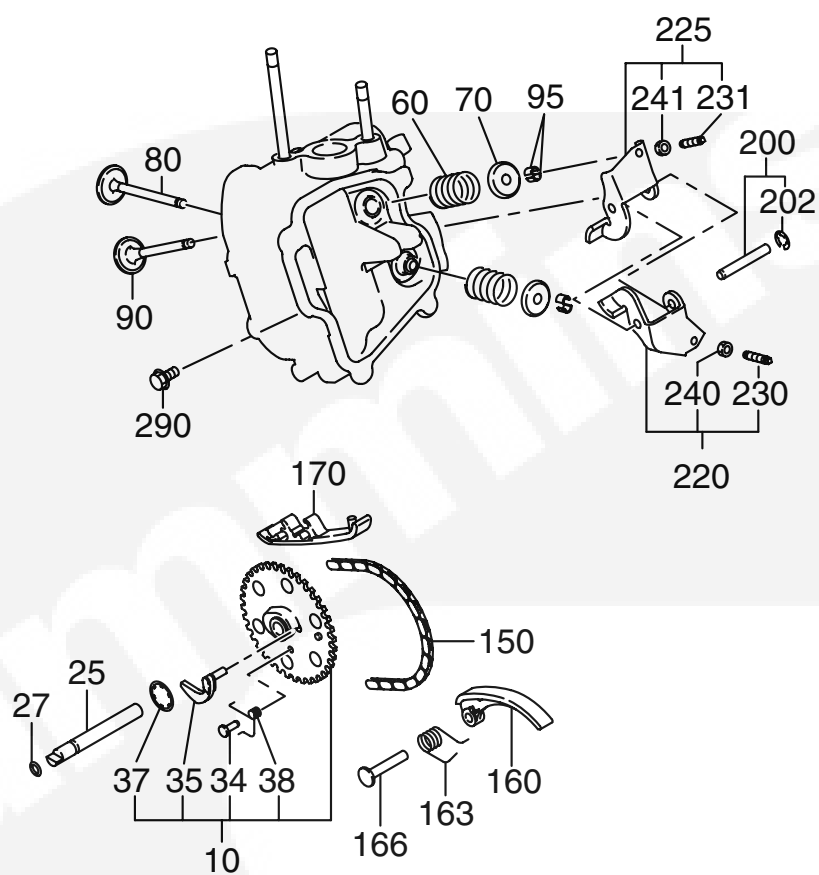
FIG. 200



2 CRANKSHAFT, PISTON

[illegible]

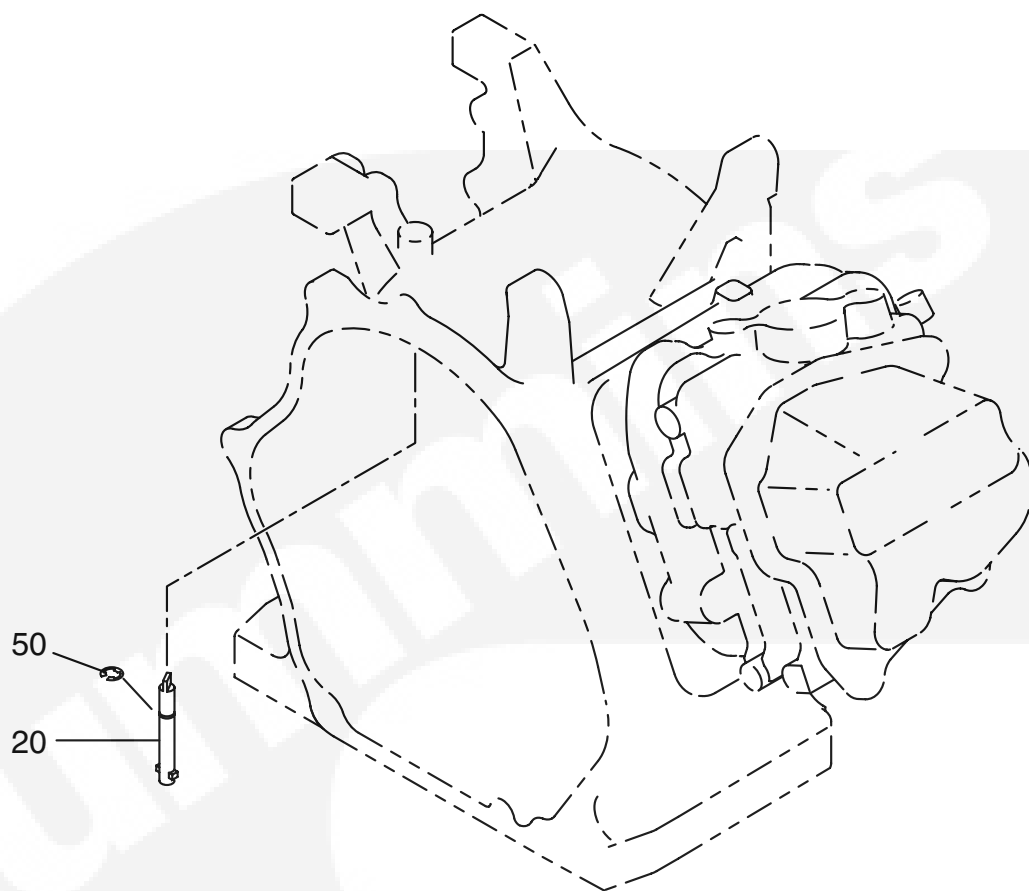
FIG. 300



3 INTAKE, EXHAUST

[illegible]

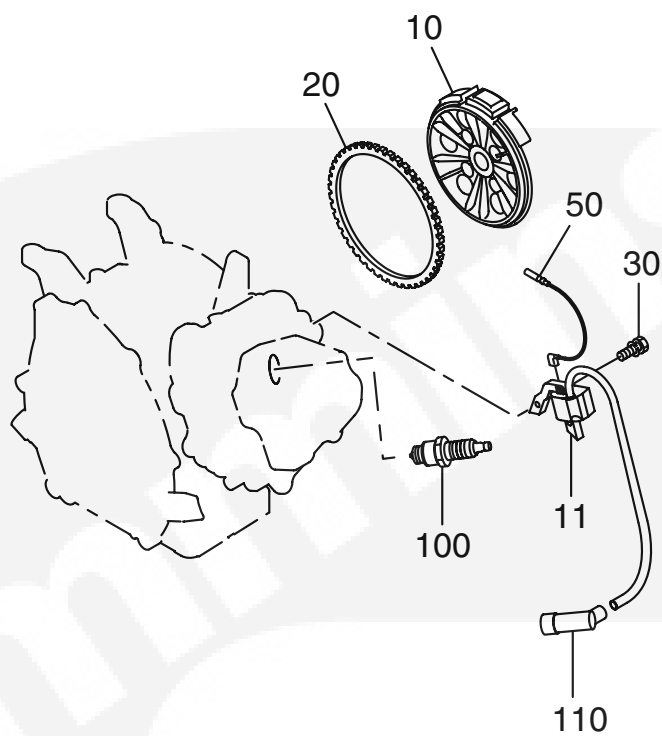
FIG. 400



4 GOVERNOR OPERATION

[illegible]

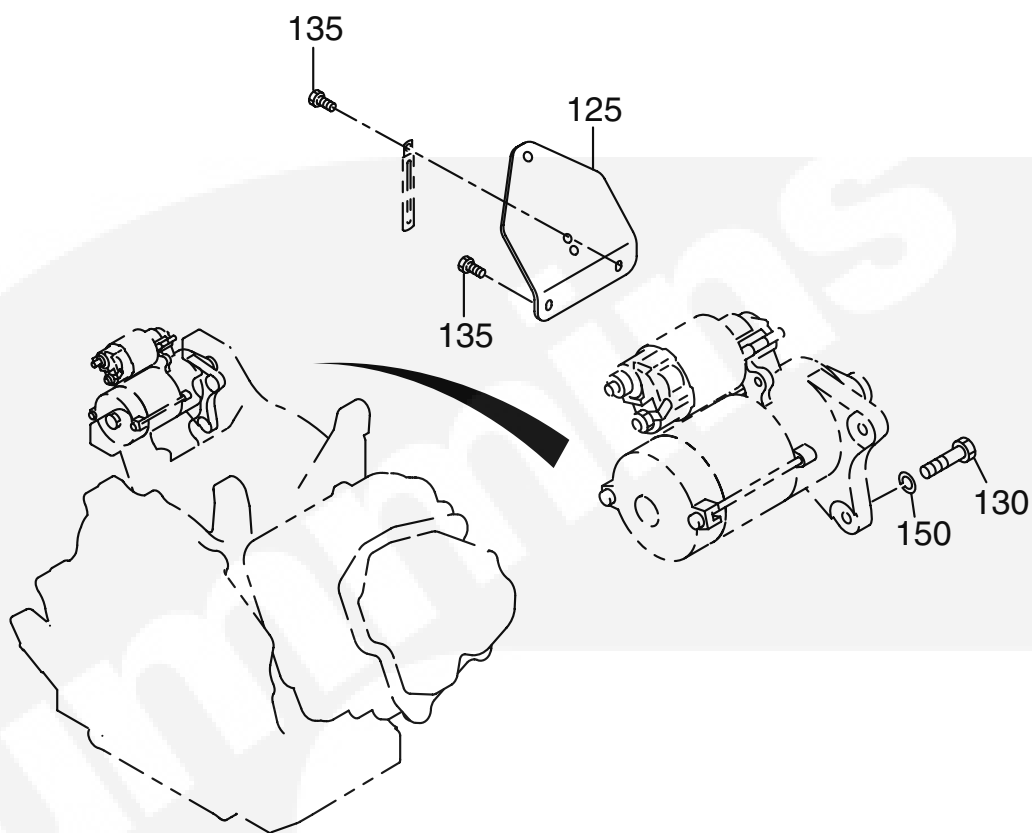
FIG. 700



7 ELECTRIC DEVICE

[illegible]

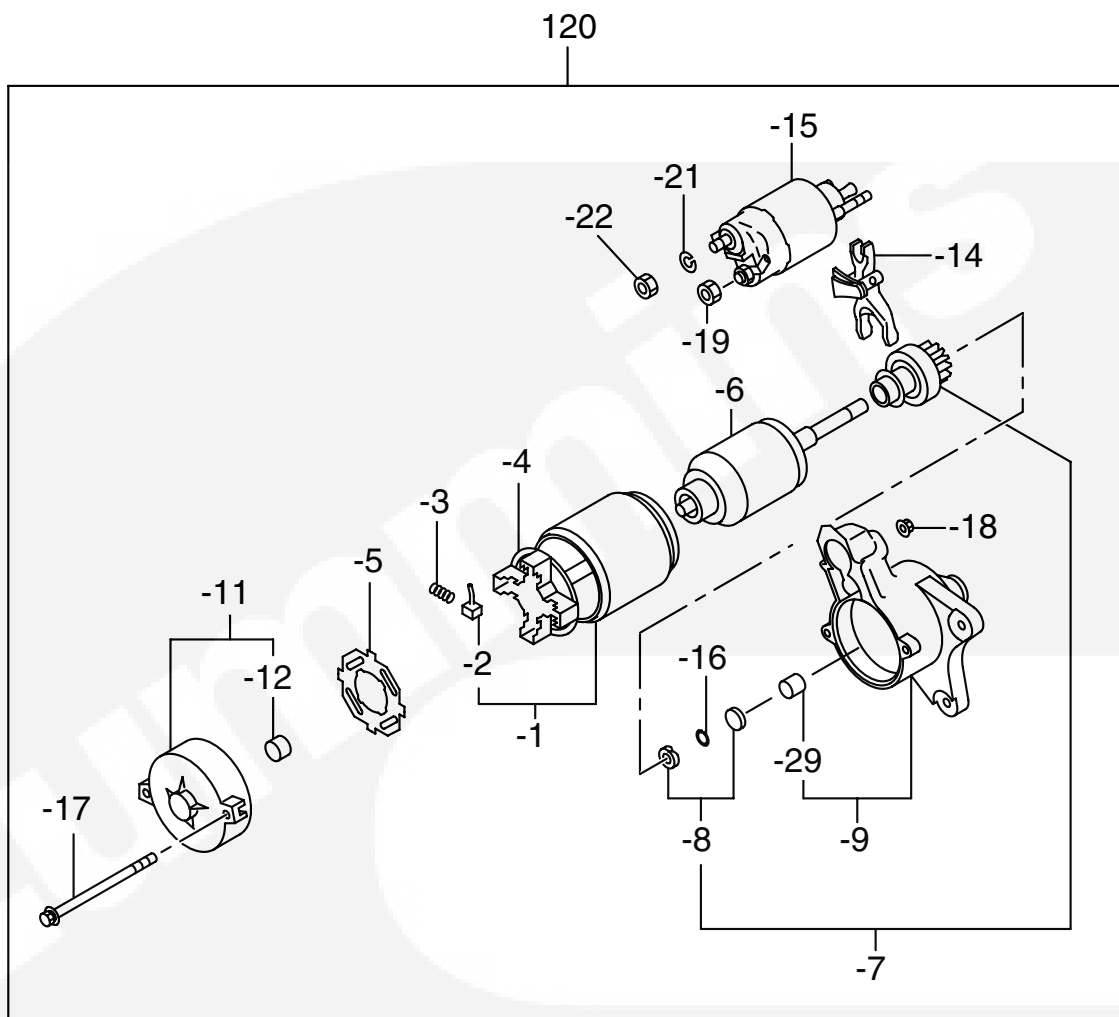
FIG. 720



7 ELECTRIC DEVICE

[illegible]

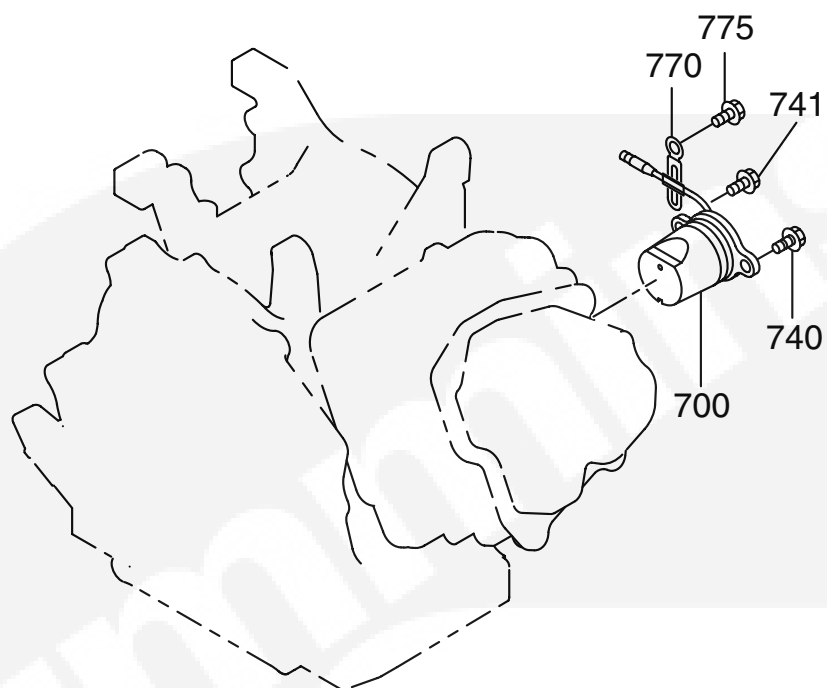
FIG. 730



7 ELECTRIC DEVICE

[illegible]

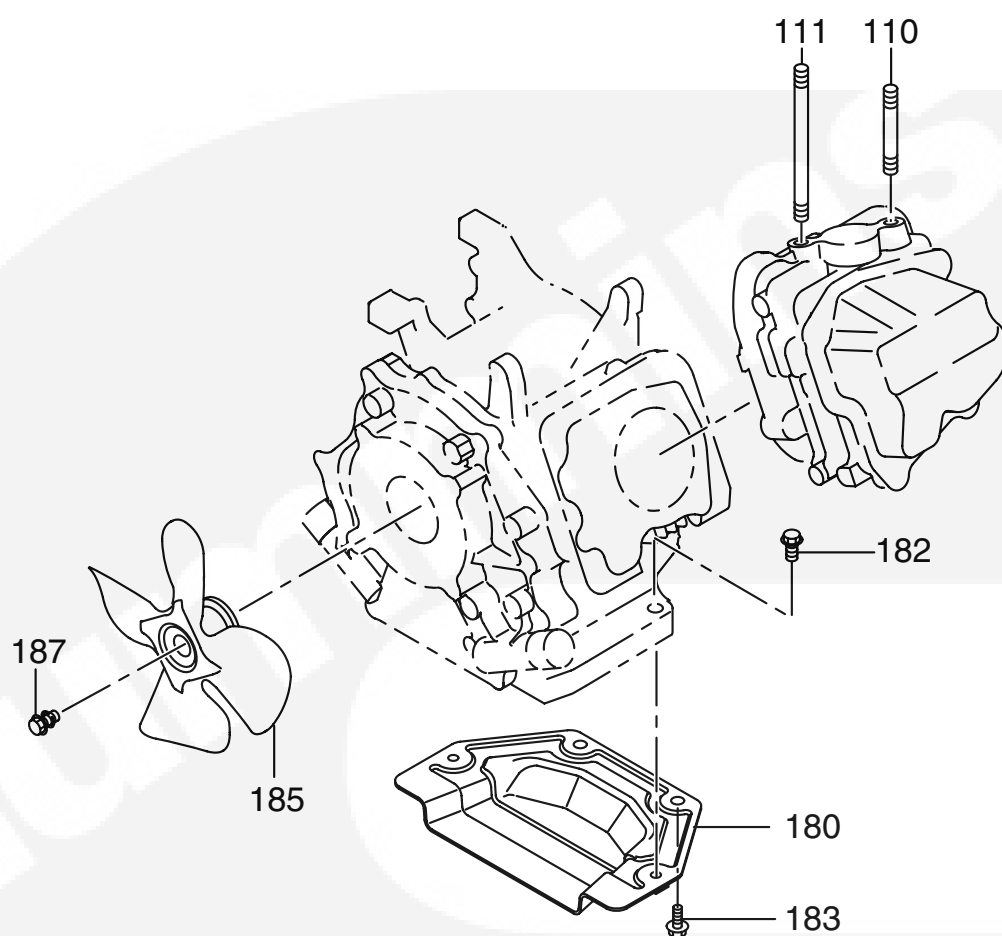
FIG. 770



7 ELECTRIC DEVICE

[illegible]

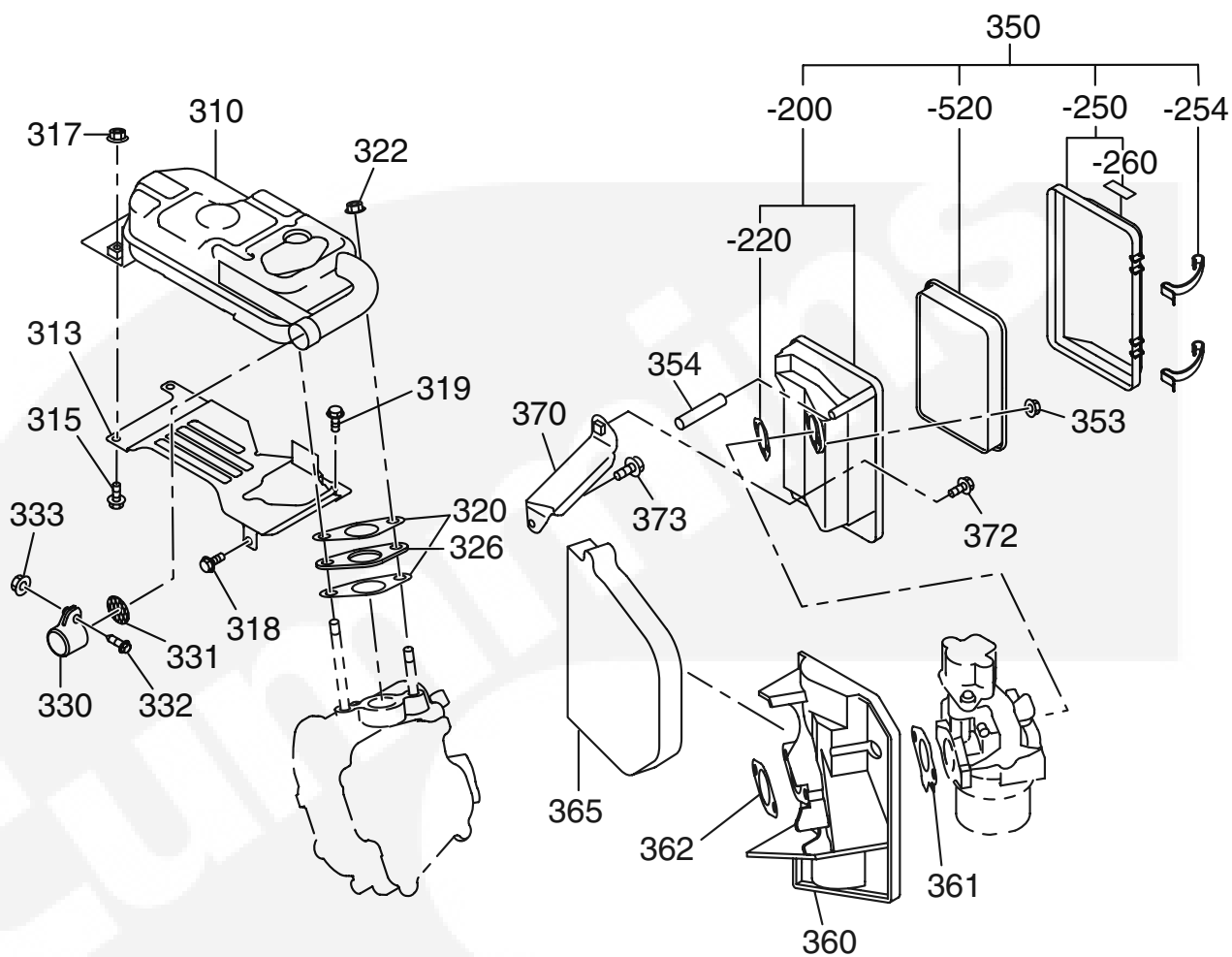
FIG.2110



21 ENGINE

[illegible]

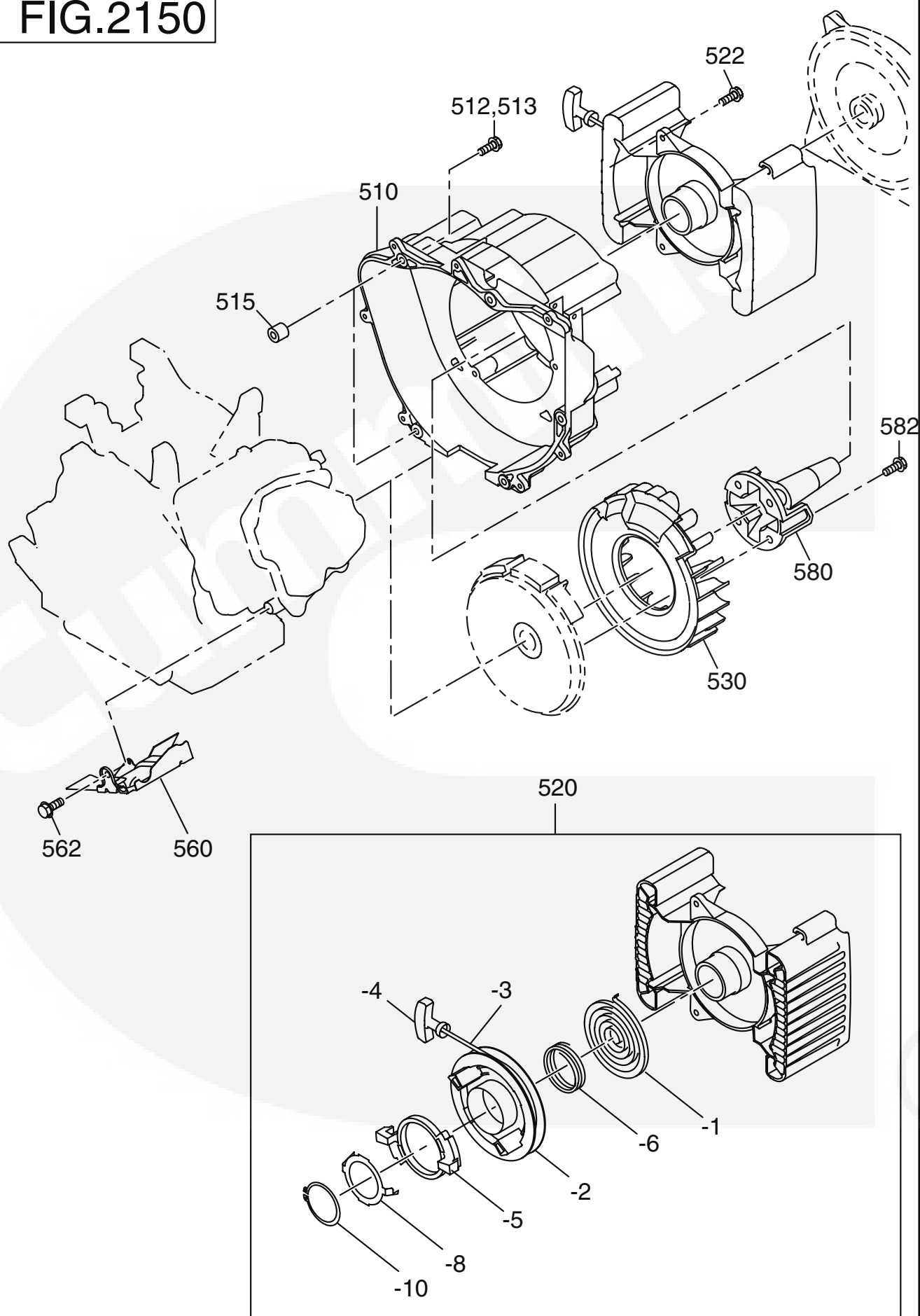
FIG.2130



21 ENGINE

[illegible]

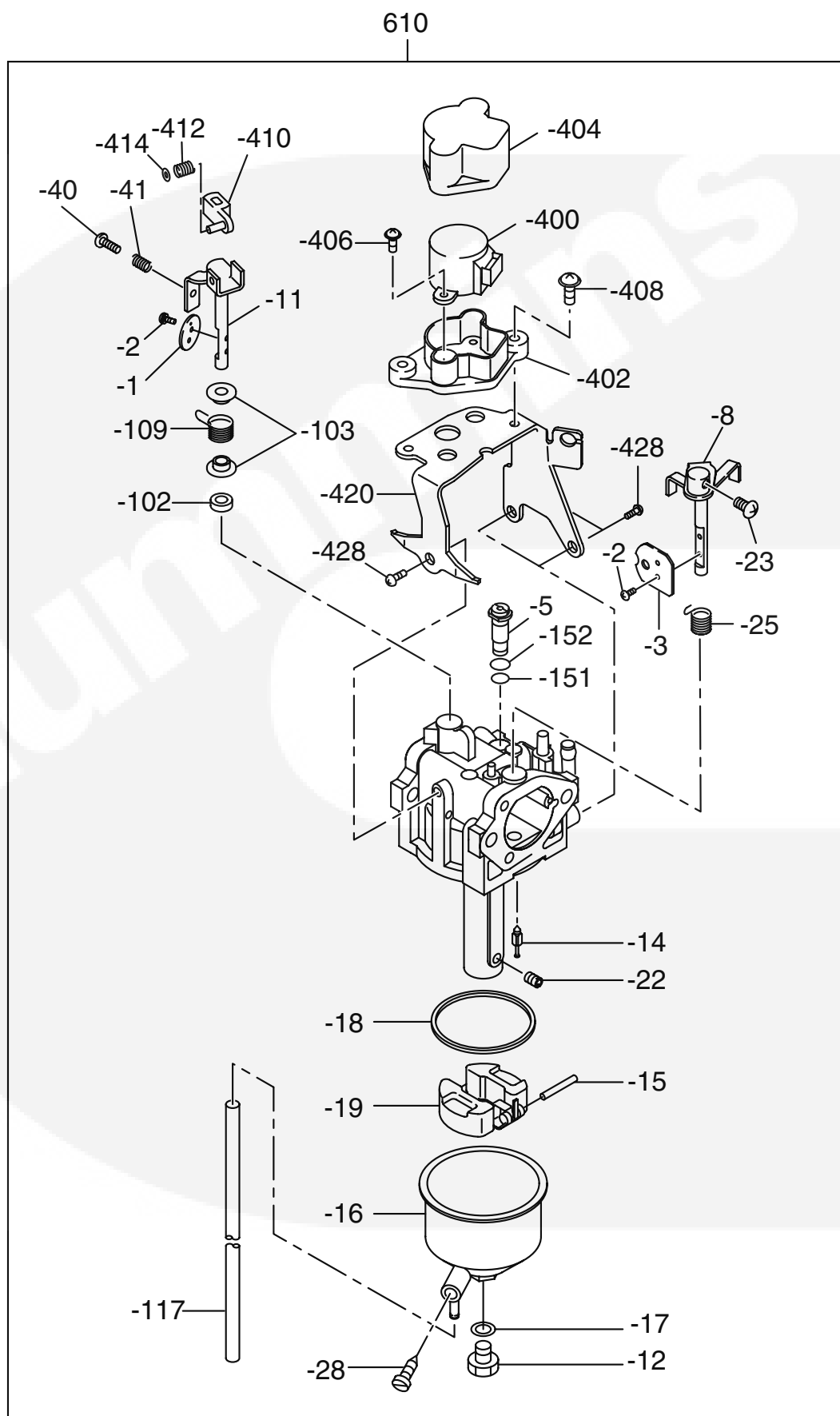
FIG.2150



21 ENGINE

[illegible]

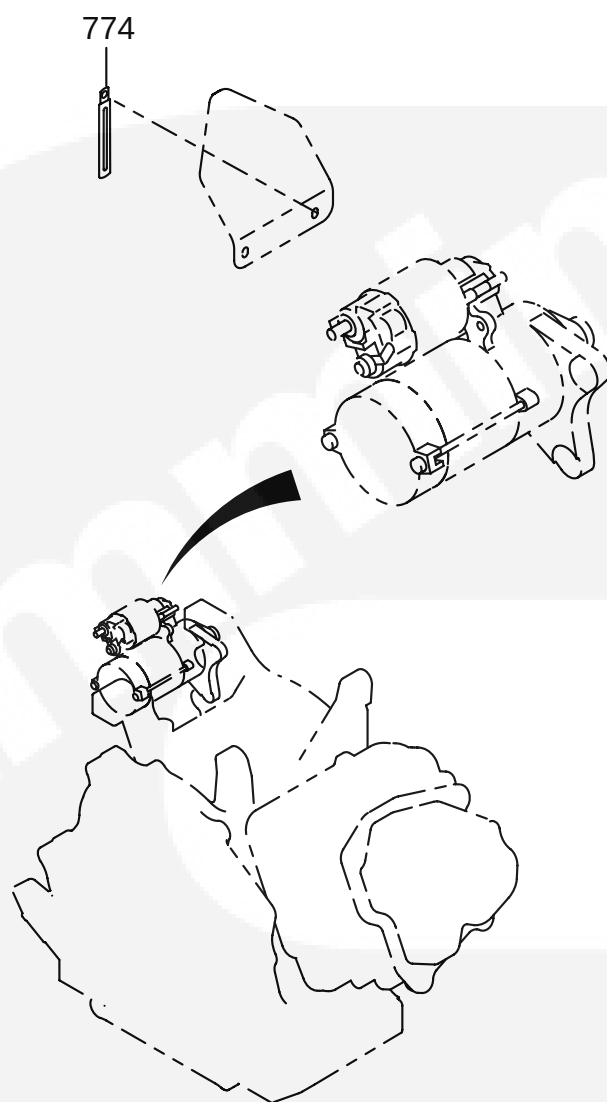
FIG.2160



21 ENGINE

REF.	PART NUMBER	PART NAME	QTY	R E M A R K S	CODE NO.	INTERCHANGE P/NO.	UNIT P	FIG.
610	279-62330-10	CARBURETOR AY	1		-			2160
- 1	279-62535-08	VALVE THROTTLE	1		-			2160
- 2	251-62450-08	SCREW	4		-			2160
- 3	279-62526-08	VALVE CHOKE	1		-			2160
- 5	279-62420-08	JET SLOW	1	#40	-			2160
- 8	279-62521-08	SHAFT SUB ASSY, CHOKE	1		-			2160
- 11	279-62531-18	SHAFT AY, THROTTLE	1		-			2160
- 12	251-62453-08	SCREW	1		-			2160
- 14	279-62500-08	VALVE ASSY NEEDLE	1		-			2160
- 15	279-62515-08	PIN FLOAT LEVER	1		-			2160
- 16	279-62553-08	THROTTLE SHAFT-A	1		-			2160
- 17	251-62350-08	GASKET	1		-			2160
- 18	279-62540-08	GASKET CHAMBER	1		-			2160
- 19	279-62505-08	FLOAT SUB ASSY	1		-			2160
- 22	279-62400-08	JET MAIN	1	#98	-			2160
- 23	284-62456-08	SCREW	1		-			2160
- 25	279-62447-08	SPRING, CHOKE	1		-			2160
- 28	279-62581-08	SCREW, DRAIN	1		-			2160
- 40	279-62353-18	SCREW ADJUSTING	1		-			2160
- 41	279-62445-08	SPRING	1		-			2160
-102	279-62561-08	BUSH	1		-			2160
-103	279-62565-08	COLLAR	2		-			2160
-109	279-62449-18	SPRING THROTTLE	1		-			2160
-117	279-62590-08	VINYL PIPE	1		-			2160
-151	279-62451-08	O-RING	1		-			2160
-152	279-62452-08	O-RING	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	2		-			2160
-410	279-62600-08	JOINT LEVER	1		-			2160
-412	284-62446-18	SPRING	1		-			2160
-414	284-62447-08	WASHER	1		-			2160
-420	279-62575-08	BRACKET	1		-			2160
-428	279-62580-08	SCREW	3		-			2160

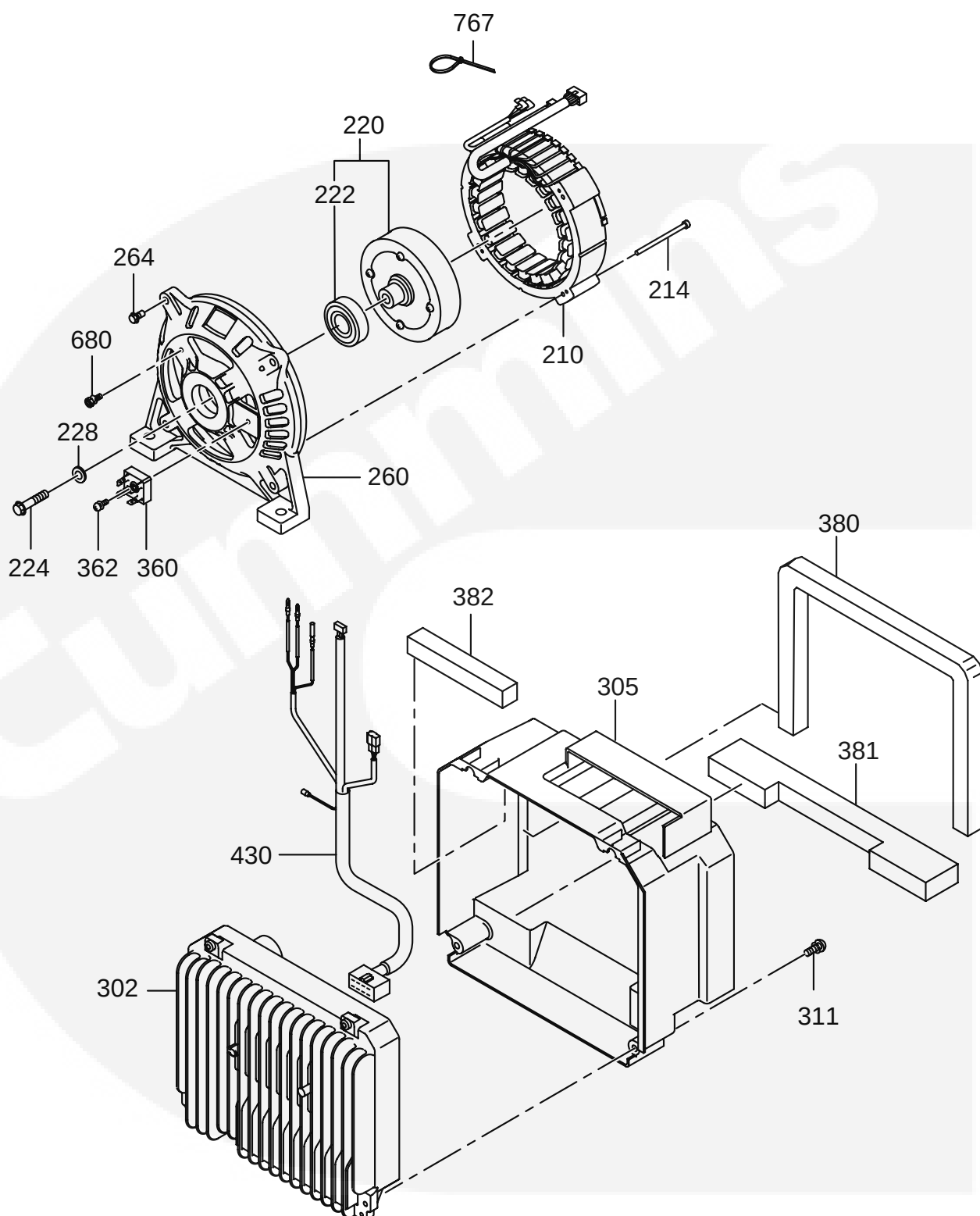
FIG.2170



21 ENGINE

[illegible]

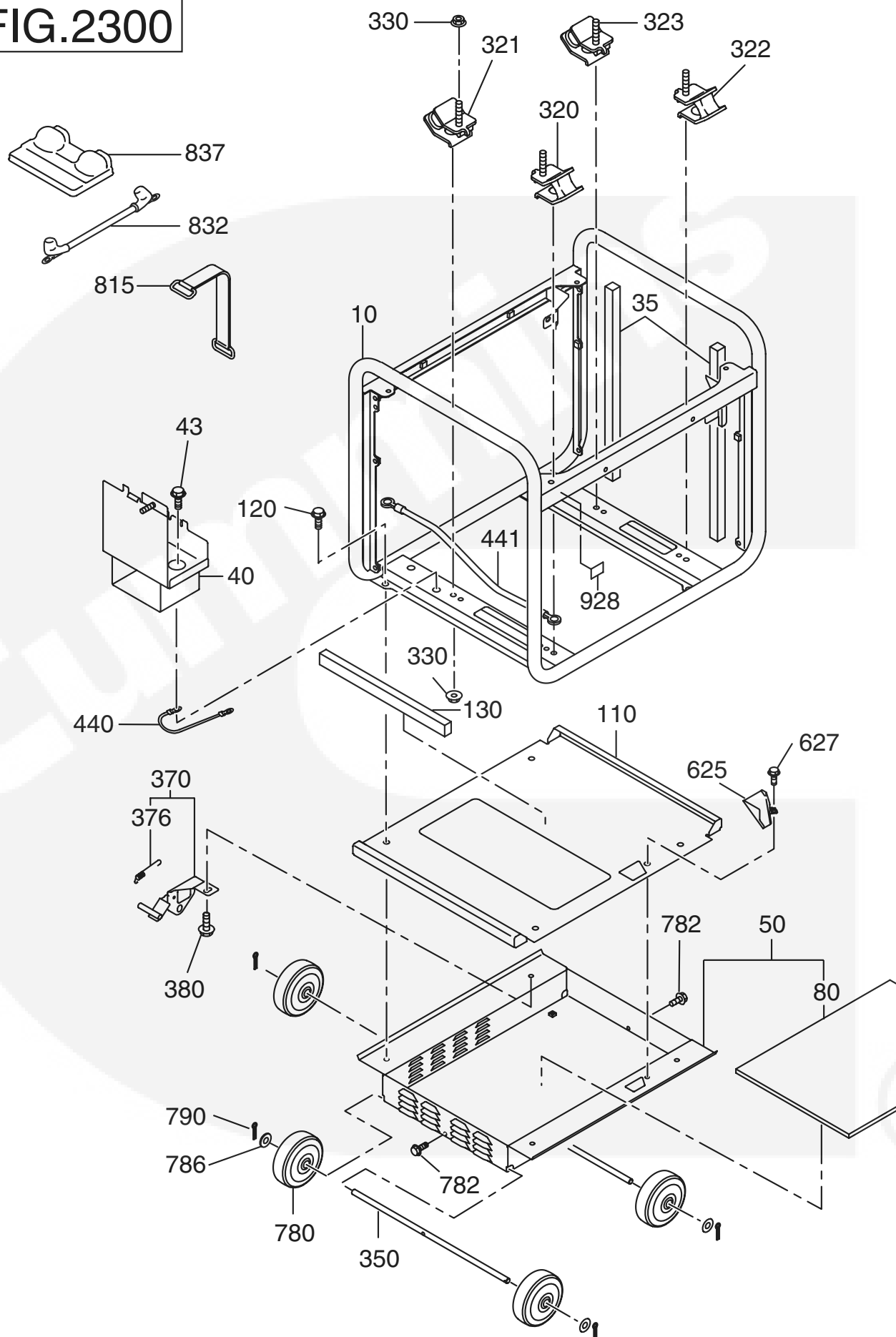
FIG.2200



22 GENERATOR

[illegible]

FIG.2300



23 BASE, FRAME CP

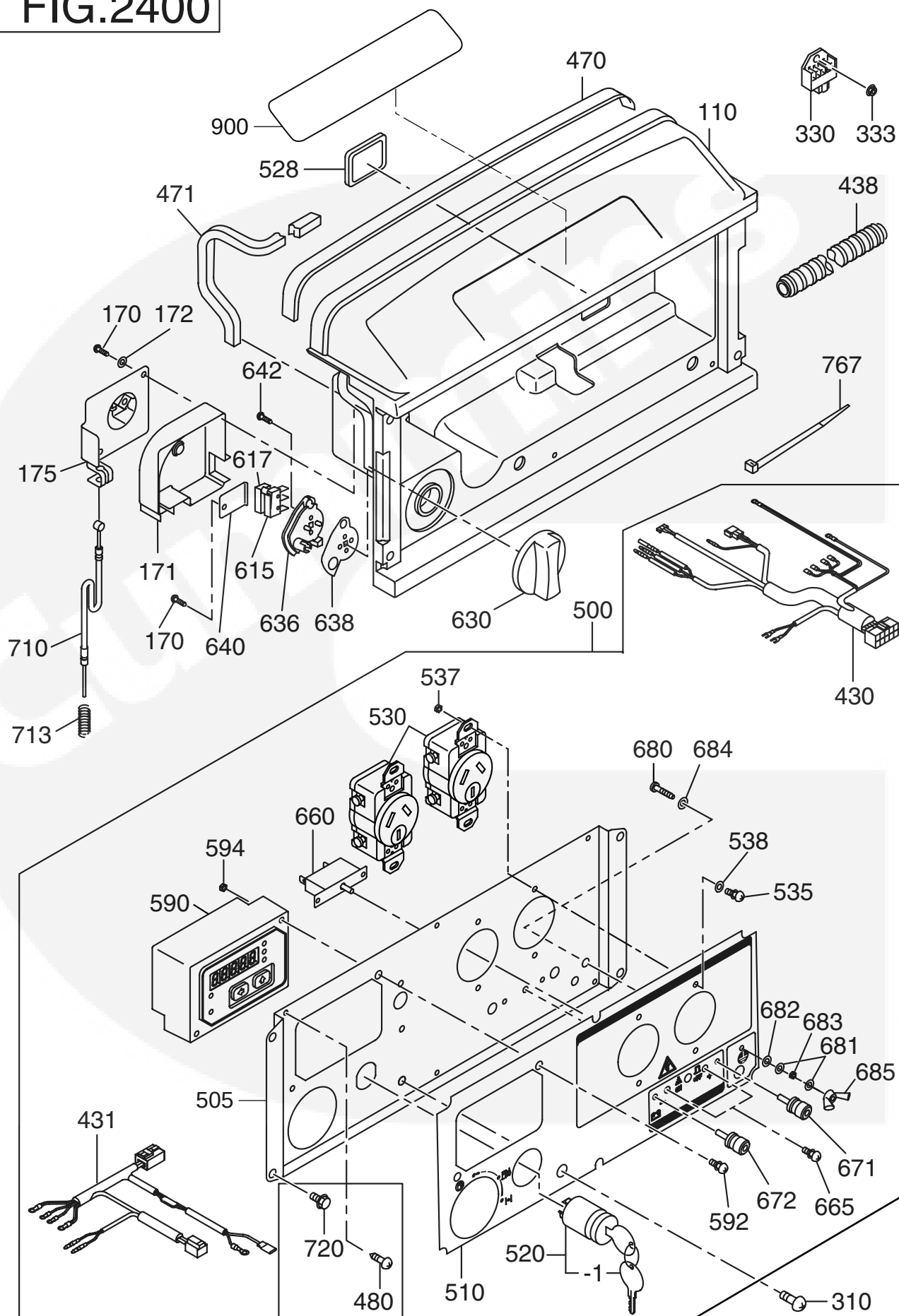
REF.	PART NUMBER	PART NAME	QTY	R E M A R K S	CODE NO.	INTERCHANGE P/NO.	UNIT P	FIG.
10	34J-30101-01	PIPE FRAME (IVSL) CP	1	BLACK	-			2300
35	34J-57351-03	SPONGE (FRAME)	2		-			2300
40	33B-35602-11	BATTERY BASE CP	1		-			2300
43	011-00600-80	FLANGE BOLT	2	M6X1.0X14DX12L	-			2300
50	34J-53001-21	BASE PLATE (LOWER) CP	1		-			2300
80	34G-59005-03	SPONGE (BASE)	1		-			2300
110	34J-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-59006-03	SPONGE (BASE)	1		-			2300
320	32B-30214-01	MOUNT CP (L)	1	35L	-			2300
321	32B-30213-01	MOUNT CP (R)	1	35L	-			2300
322	32B-30203-01	MOUNT CP (R)	1	35L	-			2300
323	32B-30204-01	MOUNT CP (L)	1	35L	-			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-48072-11	BATTERY WIRE CP	1		-			2300
837	33D-35701-03	BATTERY COVER	1		-			2300
928	073-20055-20	LABEL (PLUG CAUTION)	1		-			2300

[illegible]

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-48052-21	WIRE HARNESS CP	1		-			2400
438	34J-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	34D-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

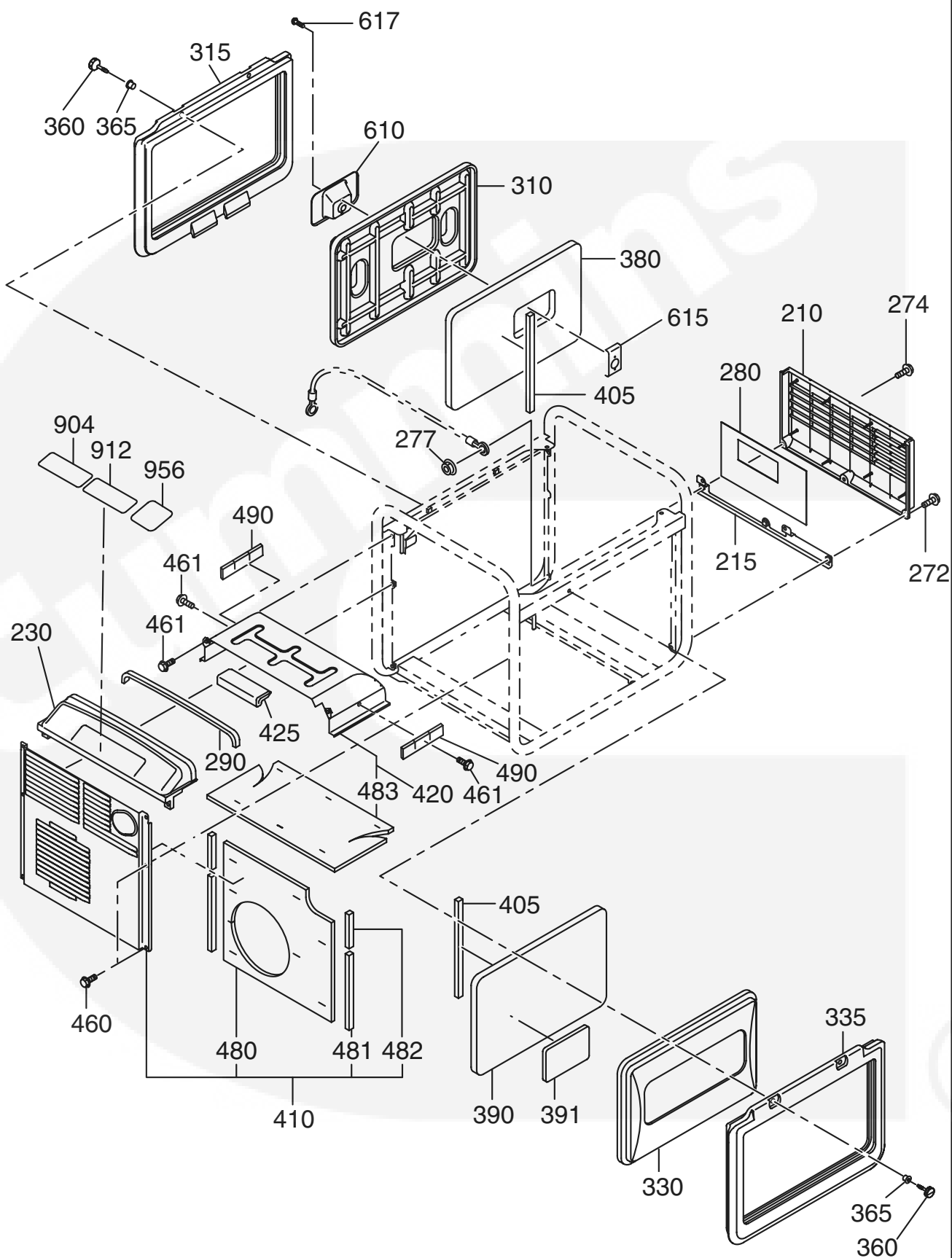
FIG.2400



24 CONTROL

[illegible]

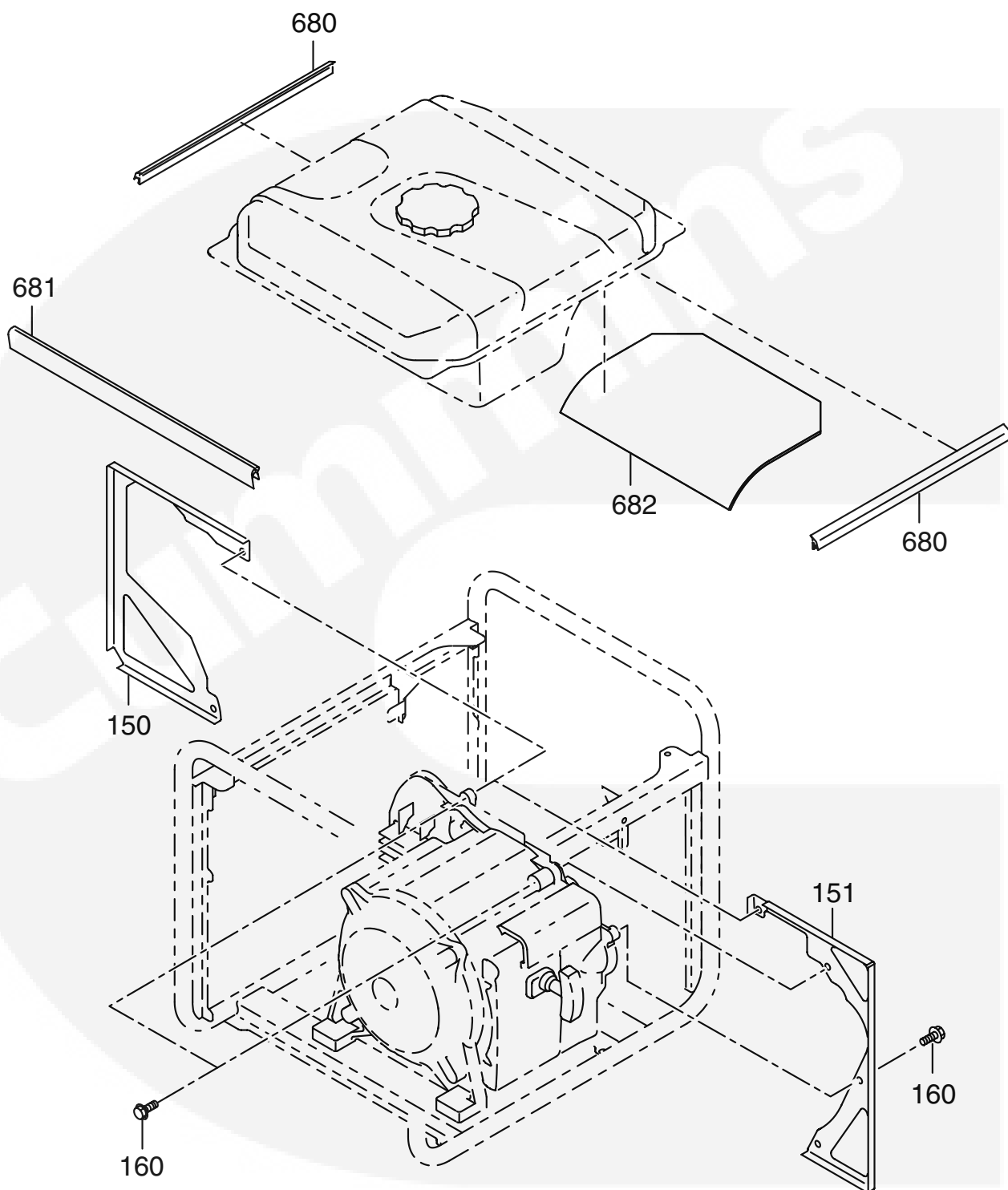
FIG.2500



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	34J-51005-01	SIDE COVER R CP	1		-			2500
315	34J-55101-03	SIDE RUBBER SEAL	1		-			2500
330	34J-51105-01	SIDE COVER L CP	1		-			2500
335	34J-51101-03	SIDE COVER (L)	1		-			2500
360	34G-55303-01	COVER BOLT	4		-			2500
365	34G-55304-01	SPACER	4		-			2500
380	34J-59001-13	SPONGE (S COVER-R)	1		-			2500
390	34J-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	34J-56351-01	MUF COVER (LL) 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-57104-03	GLASS WOOL	1		-			2500
490	34J-57321-03	SEAL SPONGE (MUF27)	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	34J-96807-03	LABEL (SPEC)	1		-			2500
912	33K-94002-03	LABEL (CAUTION)	1		-			2500
956	073-20045-00	LABEL (HOT&GAS)	1		-			2500

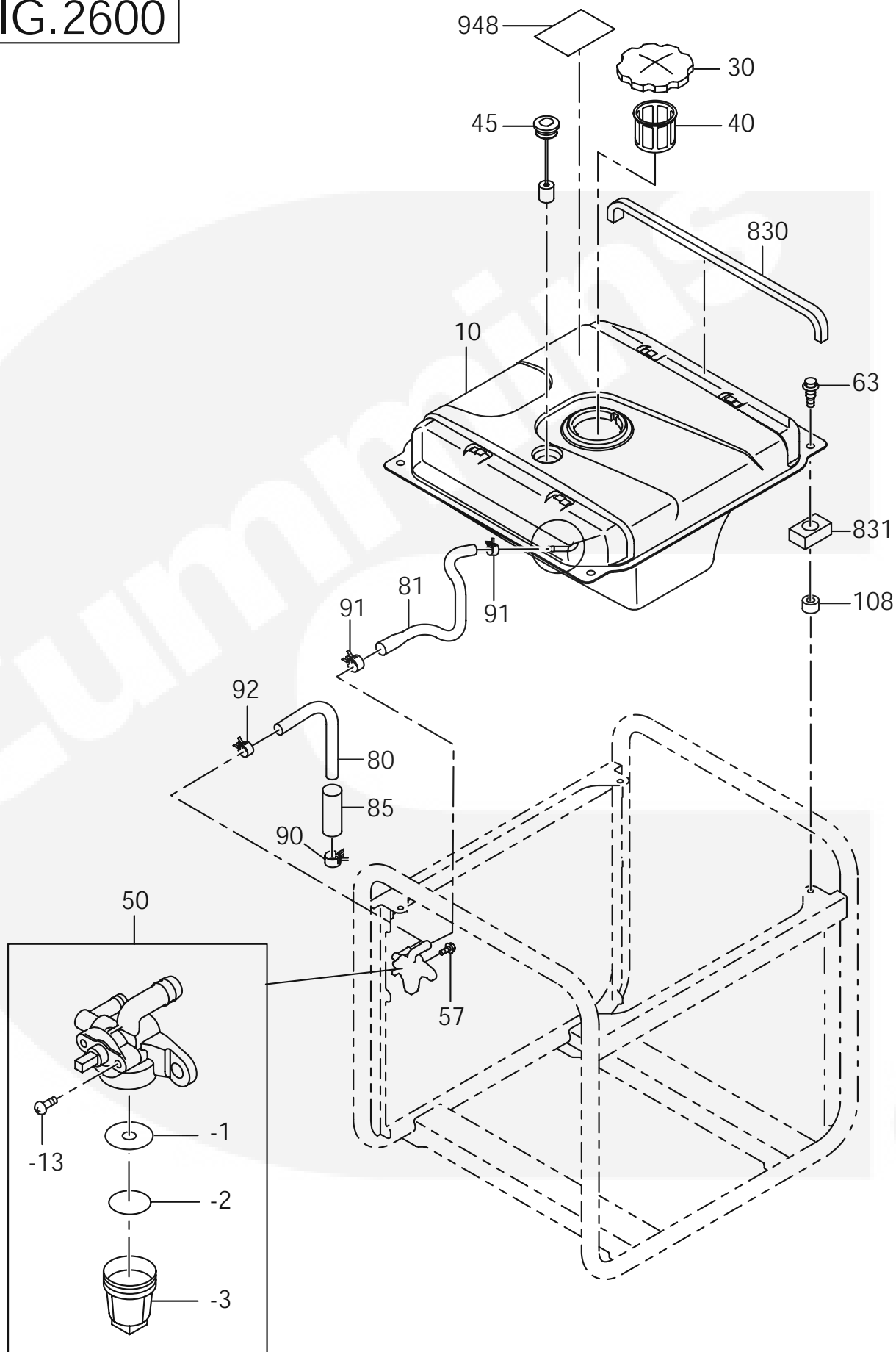
FIG.2510



25 COVER

[illegible]

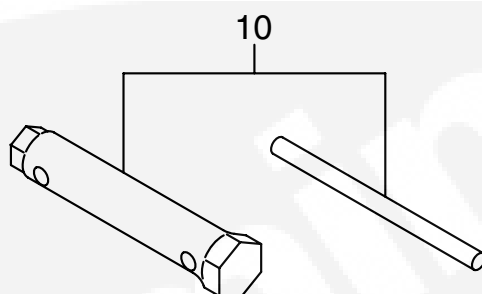
FIG.2600



26 FUEL TANK

[illegible]

FIG.2900



29 ACCESSORIES

[illegible]

NOTES



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