



Parts Manual

Performance you rely on.™



50 Hz Commercial Portable Generator Set

EGMBM / PX6100e

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

**Cummins
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Pooraka
South Australia 5082**

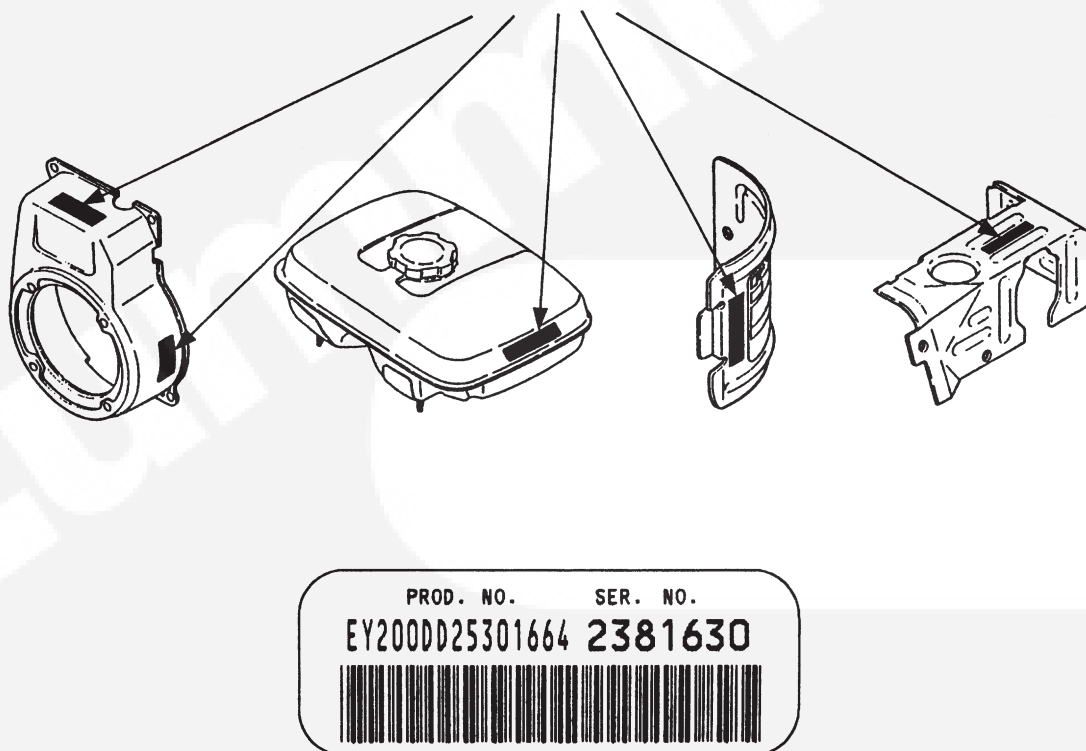
**Parts phone: 08 8368 4358
Service phone: 08 8368 4308**

HOW TO USE THIS MANUAL

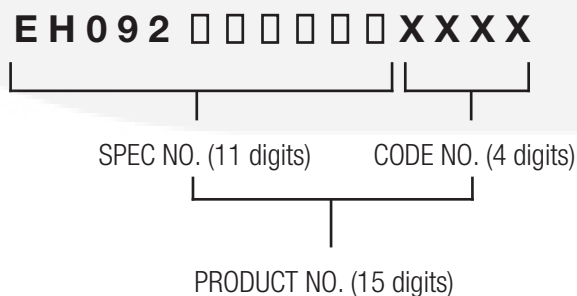
Robin engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant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

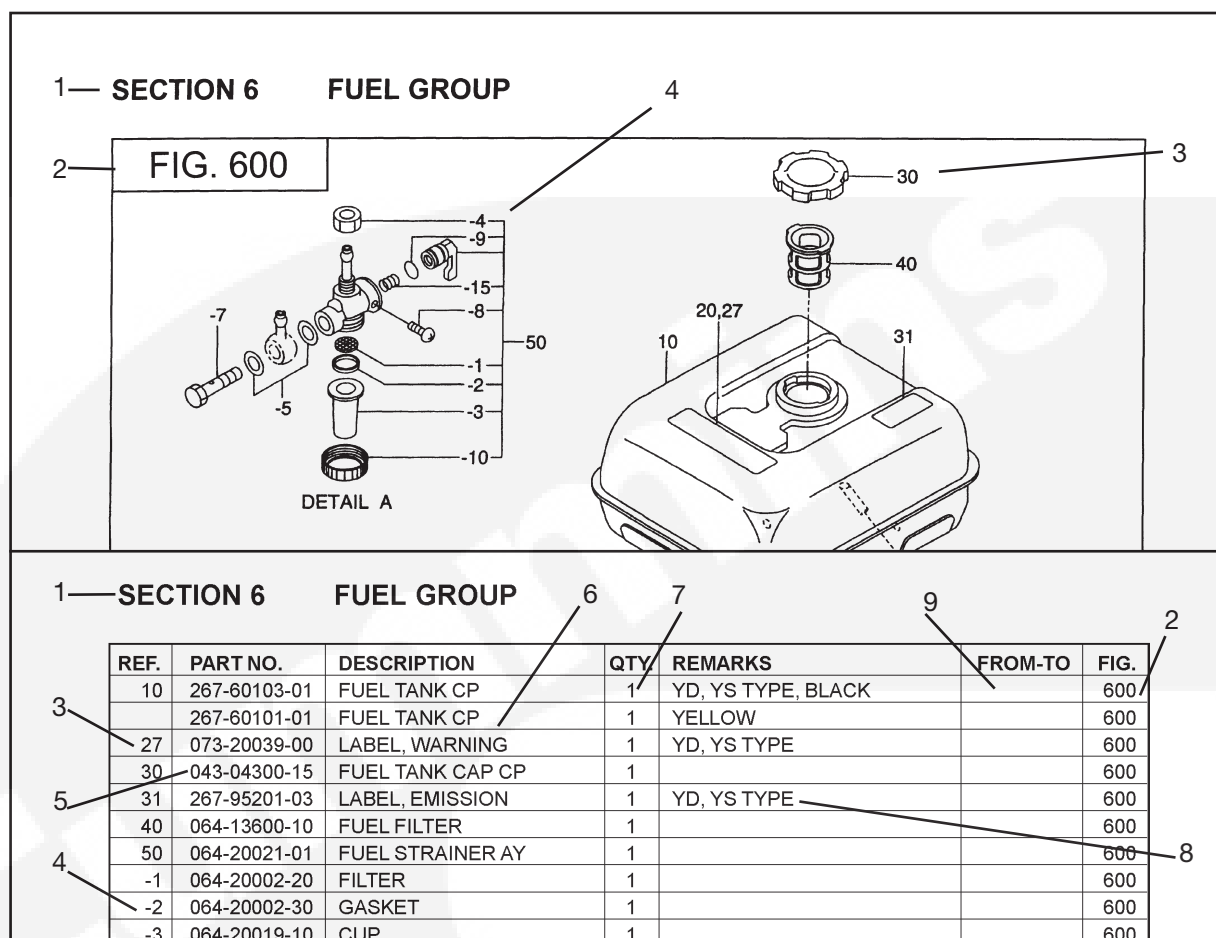
All Robin 4 cycle engines have a Product Number label similar to the label illustrated below.



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 PX6100e.

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.

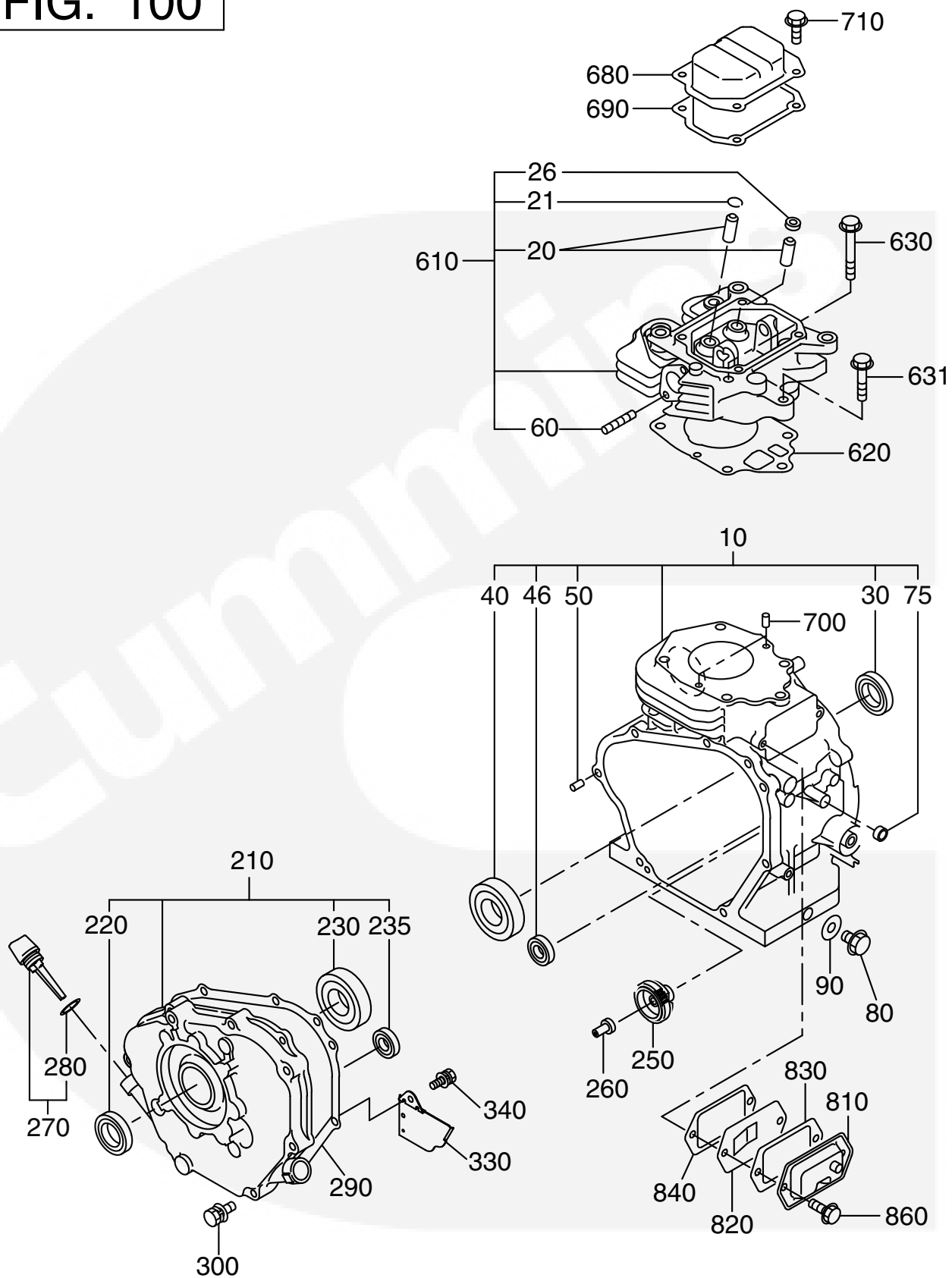
INDEX OF DESCRIPTION SYMBOLS		
SYMBOL	DESCRIPTION	
AY	ASSEMBLY	HEX. HEXAGONAL
CP	COMPLETE	P= PITCH (in mm)
EX	EXPORT (from Japan)	P.T.O. (PTO) POWER TAKE OFF
FIG.	FIGURE	REF. REFERENCE
FR.	FRONT	R RIGHT HAND SIDE
"	INCH	RR REAR
INCL.	INCLUDE	STD STANDARD
~L	LITRE	SW SWITCH
L=	LENGTH (in. mm)	T= THICKNESS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

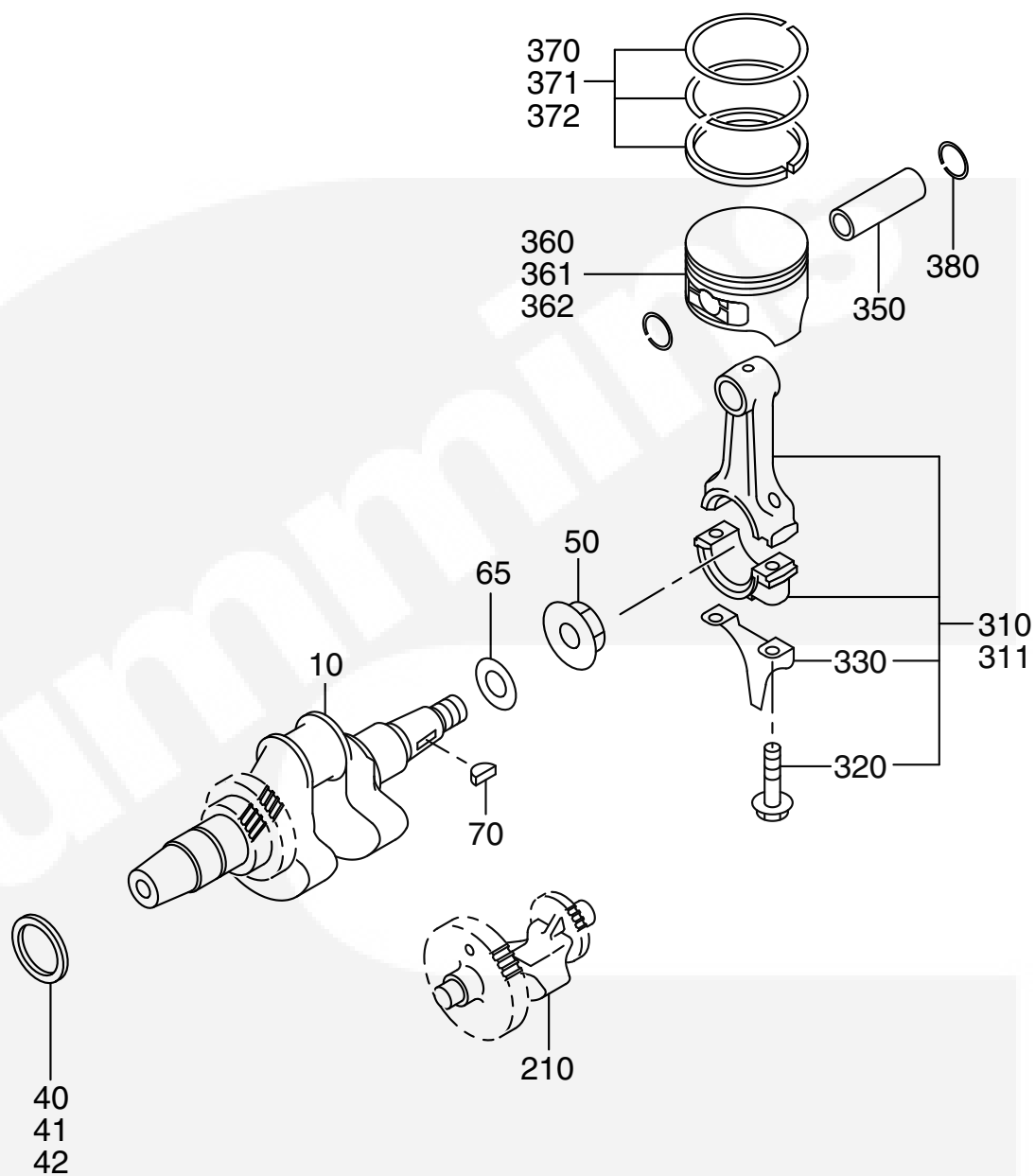


960 – GASKET SET

1 CRANKCASE

REF.	PART NUMBER	PART NAME	QTY	R E M A R K S	CODE NO.	INTERCHANGE P/NO.	UNIT P	FIG.
10	247-10102-41	CRANKCASE CP	1		-			100
20	263-14211-03	VALVE GUIDE	2	6DX11DX32. 5L	-			100
21	056-51000-50	CLIP	1	10. 7DX0. 9D	-			100
26	132-07AA0-50	SEAL-INT VALVE	1		-			100
30	044-03500-90	OIL SEAL	1	35DX48DX8B	-			100
40	060-03500-10	BALL BEARING	1	35DX72DX17B	-			100
46	060-01500-11	BALL BEARING	1	15DX35DX11B	-			100
50	031-00600-20	DOWEL PIN	2	6DX14. 5L	-			100
60	010-50802-90	STUD	2	M8X1. 25X30L	-			100
75	044-00800-10	OIL SEAL	1	8DX14DX4B	-			100
80	040-11400-30	PLUG	2	M14X1. 5X20DX12L	-			100
90	021-11400-20	GASKET	2	14. 1DX19DX2. 3T	-			100
210	246-11001-51	MAINBEARING COVER CP	1		-			100
220	044-03500-90	OIL SEAL	1	35DX48DX8B	-			100
230	060-03500-10	BALL BEARING	1	35DX72DX17B	-			100
235	060-01500-11	BALL BEARING	1	15DX35DX11B	-			100
250	246-45001-01	GOVERNOR GEAR CP	1	49DX26T N=31	-			100
260	205-41901-03	GOVERNOR SLEEVE	1	6DX9DX16DX26L	-			100
270	224-63601-01	OIL GAUGE CP	1	M22X1. 5 L=64+25	-			100
280	021-32000-50	GASKET	1	20DX27DX1. 5T RUBBER	-			100
290	246-15101-13	GASKET (BEARING COVER	1	T=0. 3	-			100
300	001-13084-00	BOLT AND WASHER AY	7	M8X1. 25X40L W/SW	-			100
330	246-17501-03	SHELTER PLATE	1		-			100
340	015-20600-50	TAPPING BOLT	1	M6X13DX10L	-			100
610	247-13101-41	CYLINDER HEAD CP	1		-			100
620	247-15001-23	GASKET (HEAD)	1	T=0. 2	-			100
630	011-01000-40	FLANGE BOLT	4	M10X1. 25X19DX75L	-			100
631	011-01000-20	FLANGE BOLT	1	M10X1. 25X19DX42L	-			100
680	246-15501-01	ROCKER COVER CP	1		-			100
690	246-16002-13	GASKET (ROCKER COV)	1	T=1. 9	-			100
700	031-00600-20	DOWEL PIN	2	6DX14. 5L	-			100
710	011-00600-20	FLANGE BOLT	4	M6X1. 0X14DX12L	-			100
810	246-14301-01	BREATHER COVER CP	1		-			100
820	246-14401-01	BREATHER PLATE CP	1		-			100
830	246-16006-03	GASKET (BREATHERCOVER	1	T=0. 8	-			100
840	246-16007-13	GASKET (BREATHERPLATE	1	T=2. 0	-			100
860	011-00600-30	FLANGE BOLT	2	M6X1. 0X14DX14L	-			100
960	247-99002-27	GASKET SET	1		-			100

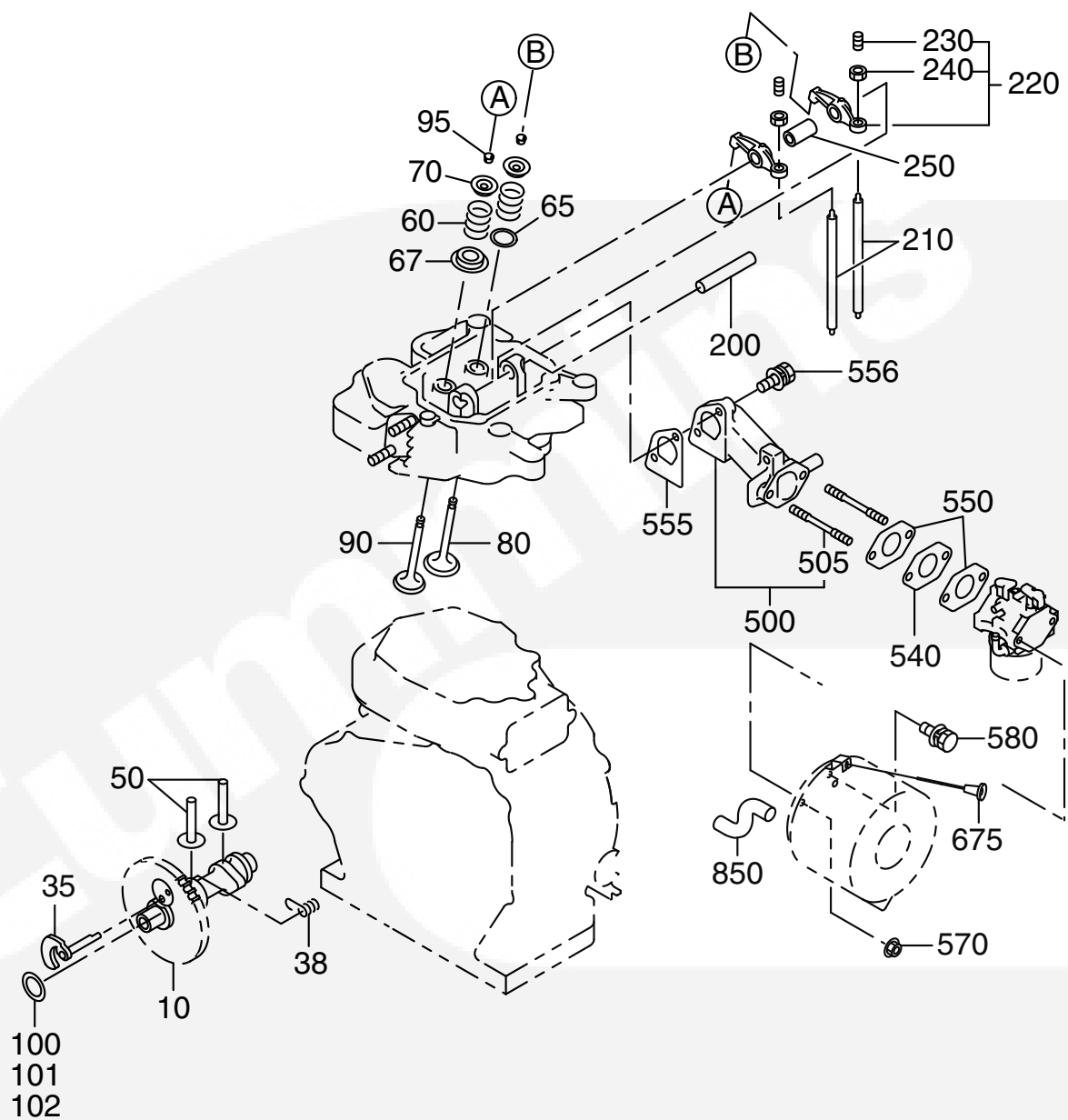
FIG. 200



2 CRANKSHAFT, PISTON

[illegible]

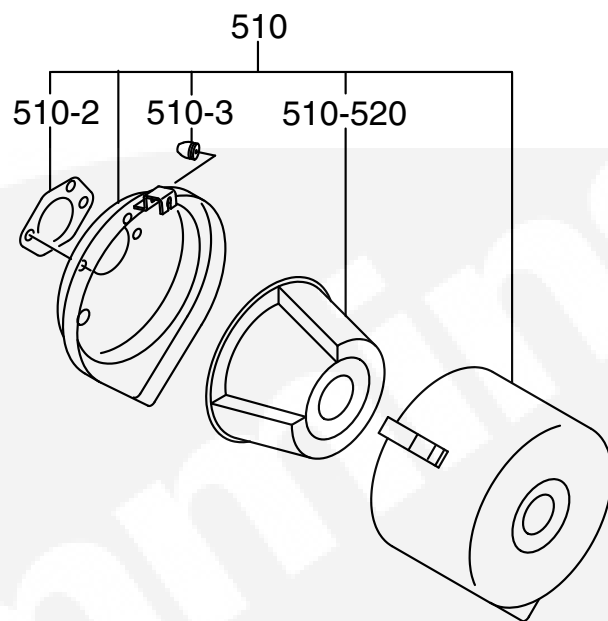
FIG. 300



3 INTAKE EXHAUST

[illegible]

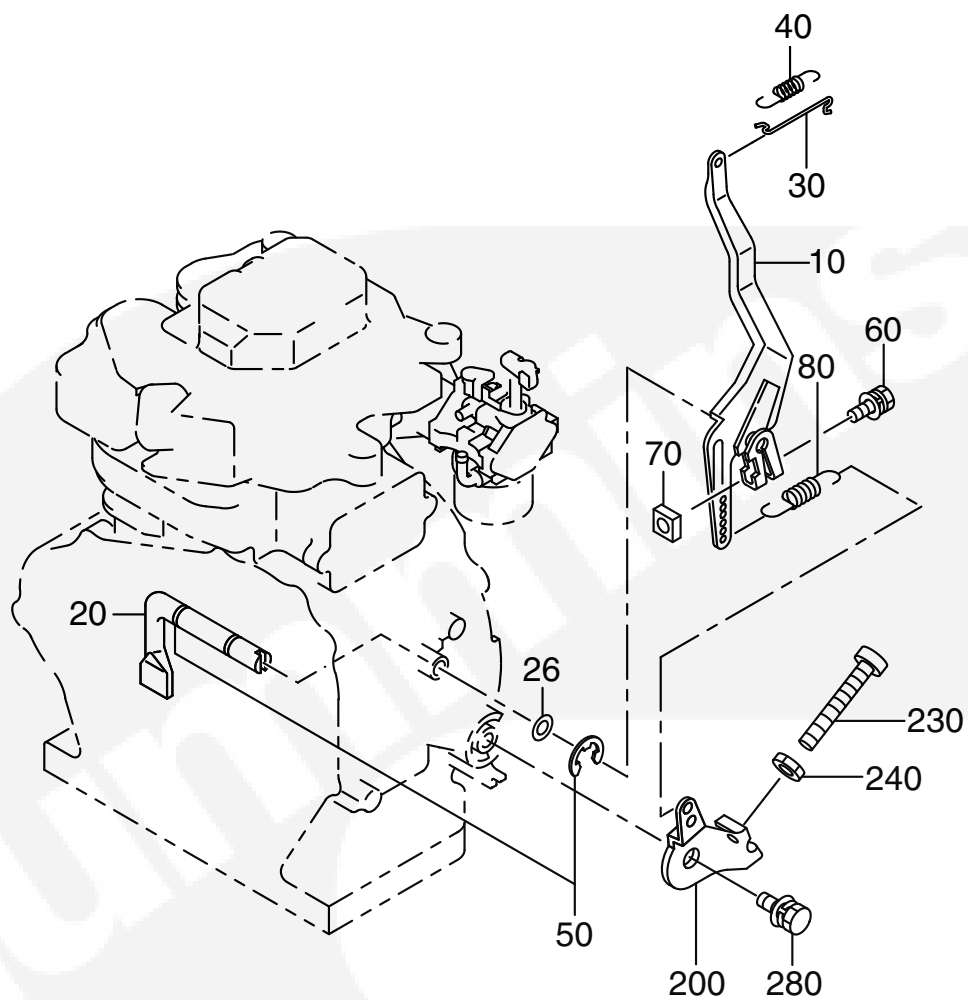
FIG. 310



3 INTAKE EXHAUST

[illegible]

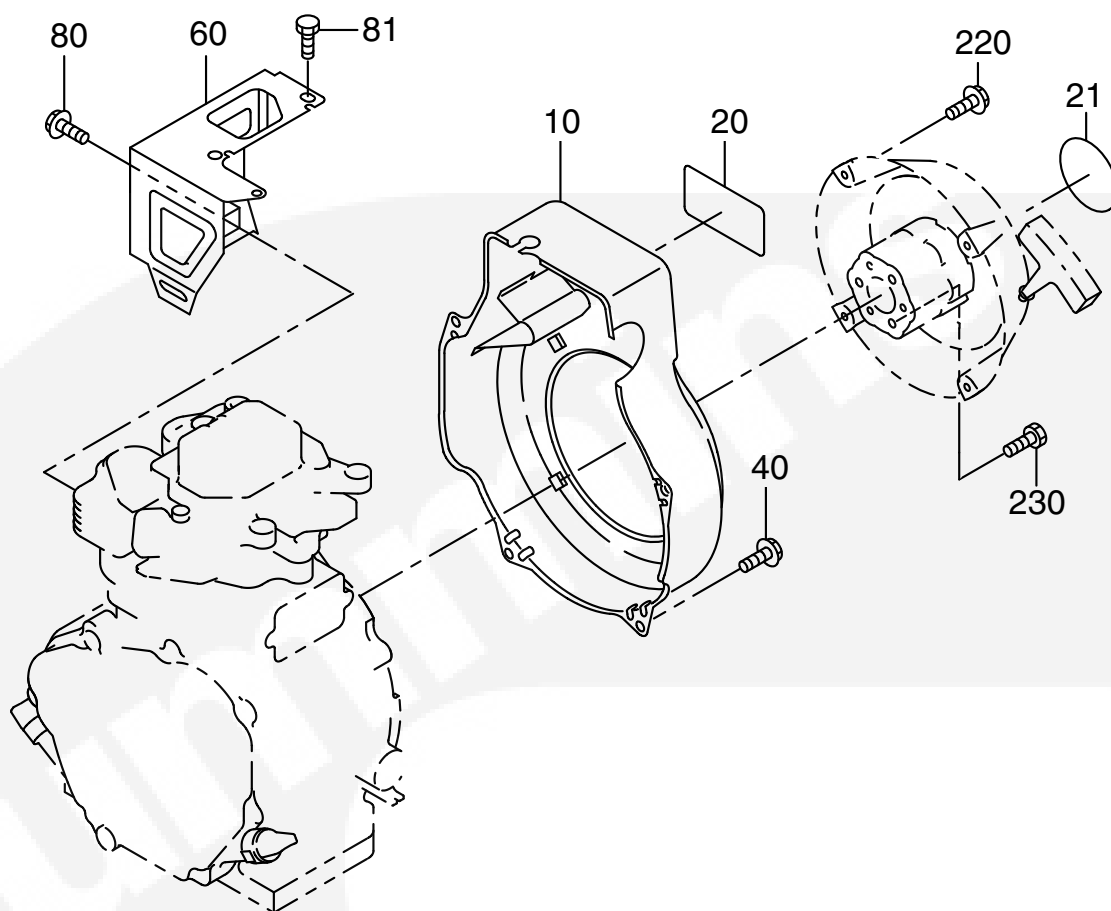
FIG. 400



4 GOVERNOR OPERATION

[illegible]

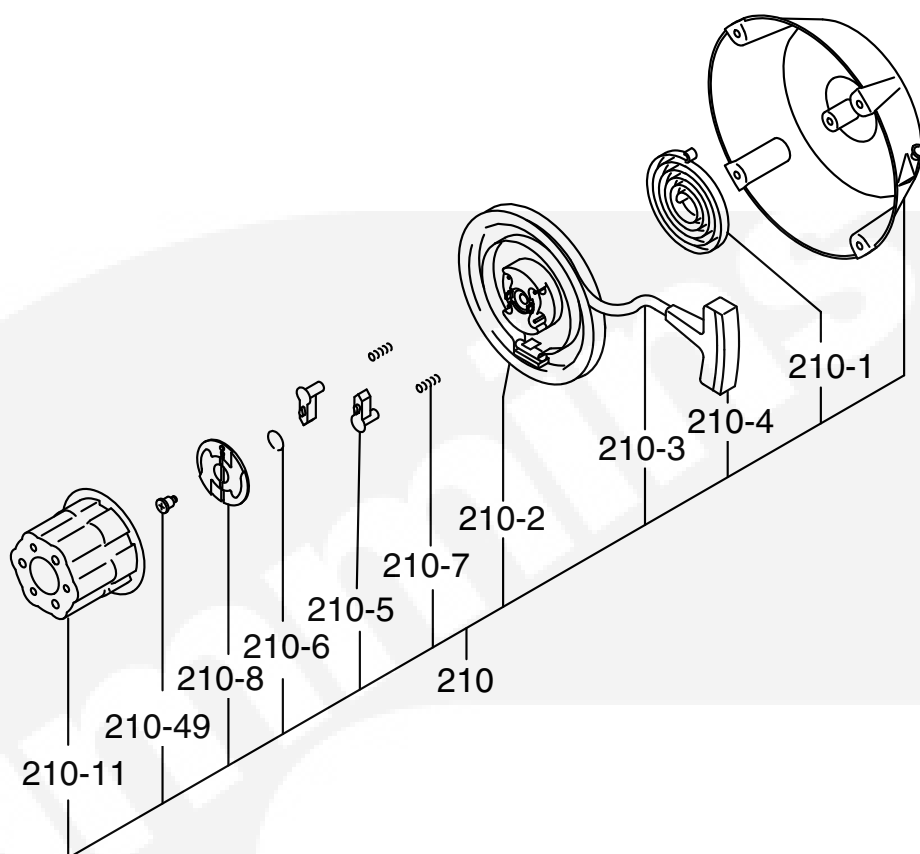
FIG. 500



5 COOLING, STARTING

[illegible]

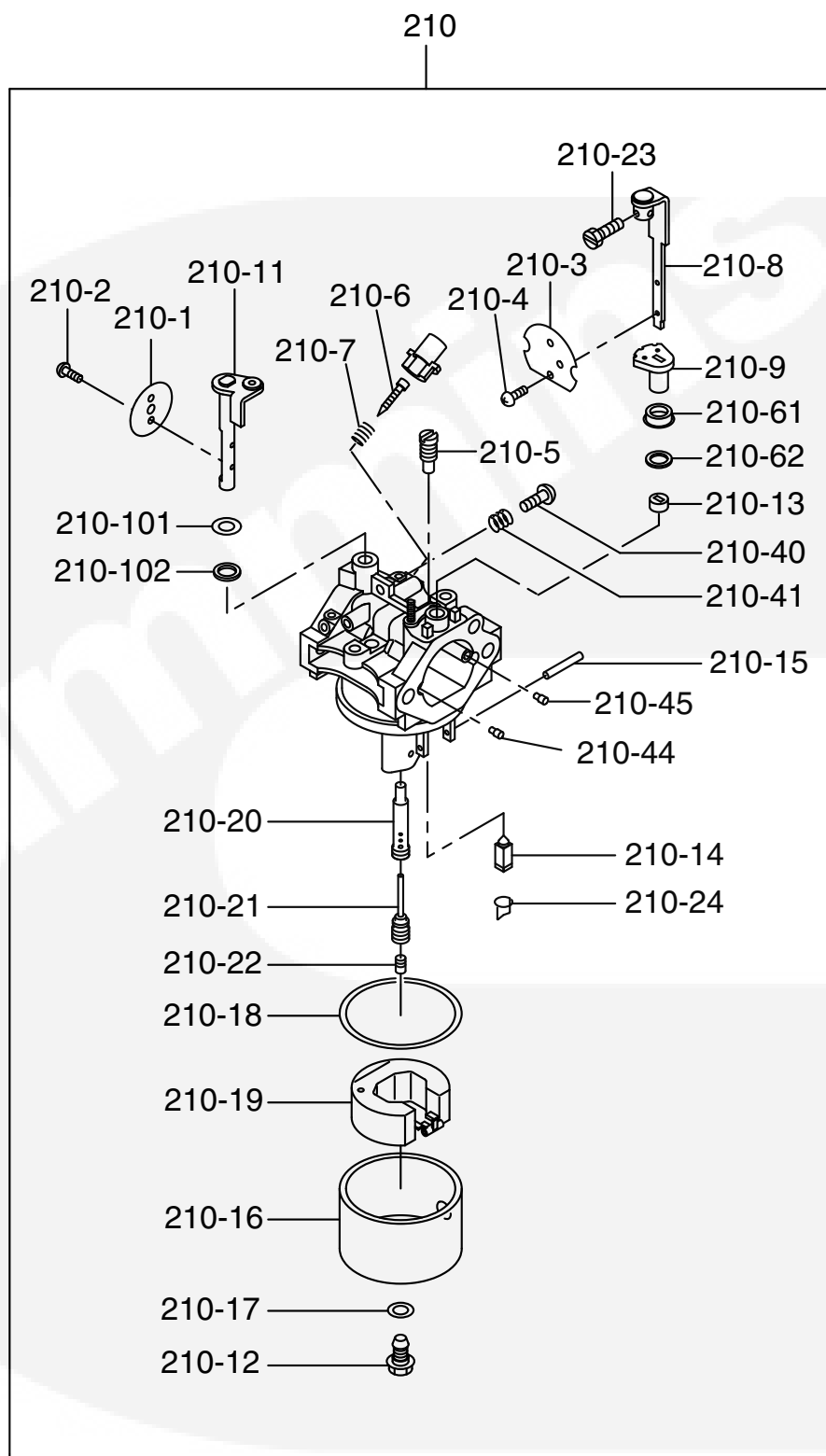
FIG. 520



5 COOLING, STARTING

[illegible]

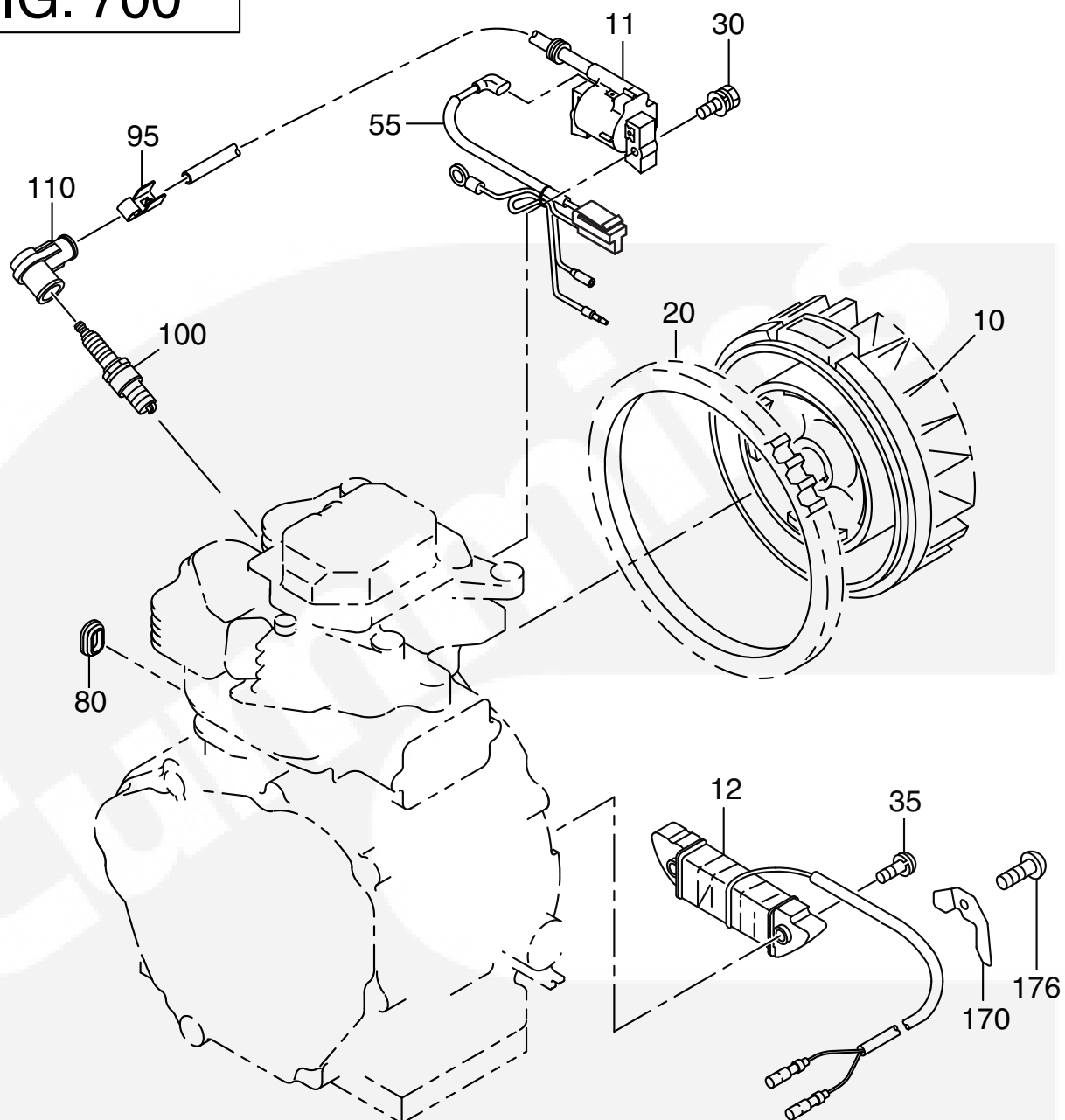
FIG. 640



6 FUEL, LUBRICANT

REF.	PART NUMBER	PART NAME	QTY	R E M A R K S	CODE NO.	INTERCHANGE P/NO.	UNIT P	FIG.
210	247-62311-20	CARBURETOR AY	1		-			640
- 1	213-62535-08	THROTTLE VALVE	1		-			640
- 2	209-62351-08	SCREW	2		-			640
- 3	234-62525-08	CHOKE VALVE	1		-			640
- 4	237-62451-08	SCREW	2		-			640
- 5	214-62420-08	PILOT JET	1	#42. 5	-			640
- 6	209-62305-08	PILOT SCREW	1		-			640
- 7	209-62445-08	SPRING	1		-			640
- 8	234-62521-08	LEVER AY (CHOKE)	1		-			640
- 9	239-62560-08	RING	1		-			640
- 11	246-62531-08	THROTLE SHAFT-A	1		-			640
- 12	224-62544-08	BOLT	1		-			640
- 13	226-62550-08	RING	1		-			640
- 14	224-62312-18	NEEDLE-A	1		-			640
- 15	214-62515-08	PIN	1		-			640
- 16	224-62552-08	FLOAT CHAMBER BODY	1		-			640
- 17	207-62345-08	INSERT WASHER	1		-			640
- 18	206-62540-08	PACKING	1		-			640
- 19	234-62506-08	FLOT-A	1		-			640
- 20	246-62441-08	MAIN NOZZLE	1		-			640
- 21	246-62425-08	JET HOLDER	1		-			640
- 22	248-62400-08	MAIN JET	1	#105	-			640
- 23	227-62450-08	BOLT	1		-			640
- 24	224-62569-18	CLIP	1		-			640
- 40	246-62435-08	ADJUST SCREW	1		-			640
- 41	209-62445-08	SPRING	1		-			640
- 44	247-62410-08	AIR JET	1		-			640
- 45	246-62410-08	AIR JET	1		-			640
- 61	247-62550-08	CAP (CHOKE)	1		-			640
- 62	236-62680-08	SEAL	1		-			640
-101	156-62351-08	PACKING	1		-			640
-102	106-62392-08	SEAL	1		-			640

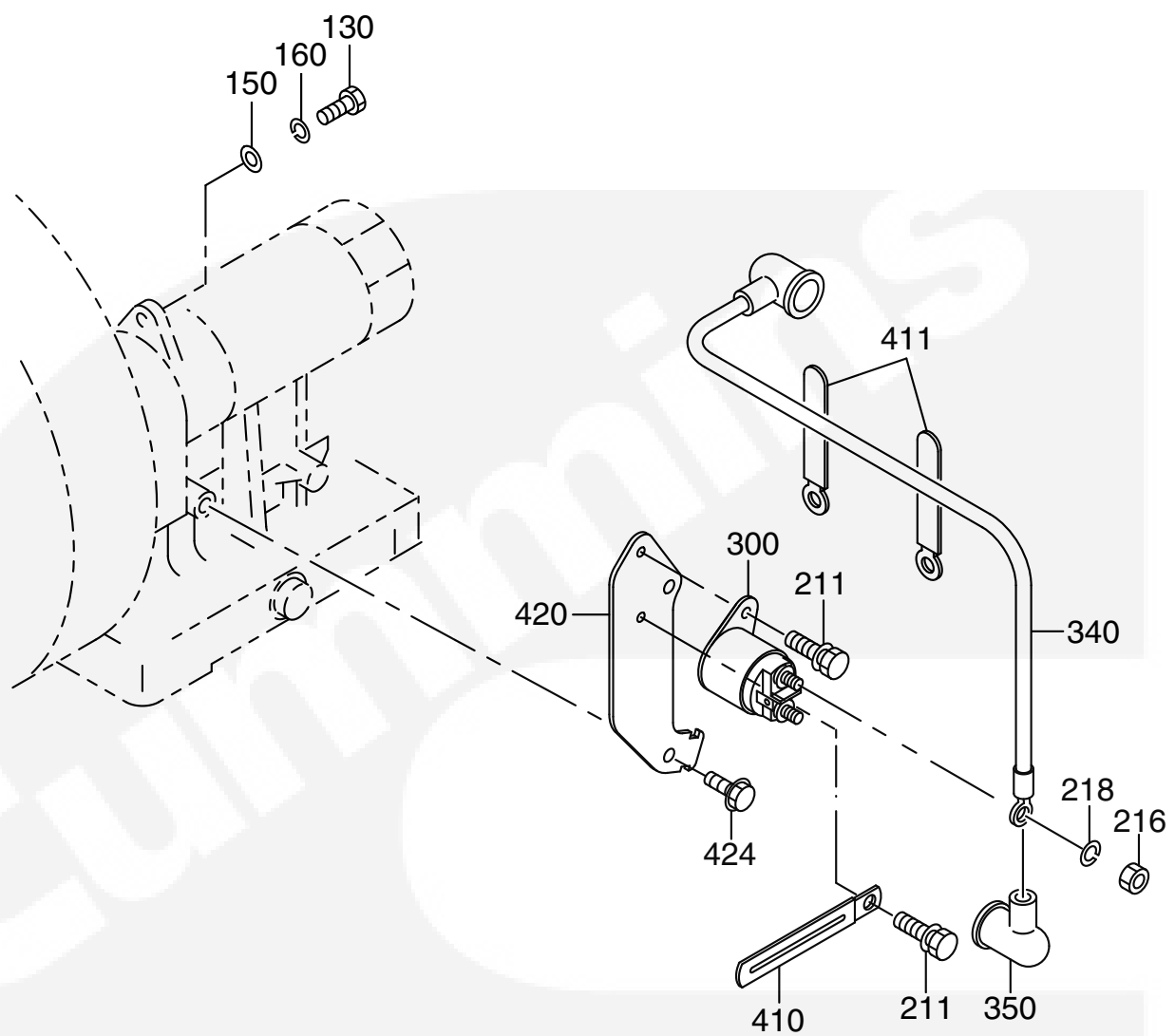
FIG. 700



7 ELECTRIC DEVICE

[illegible]

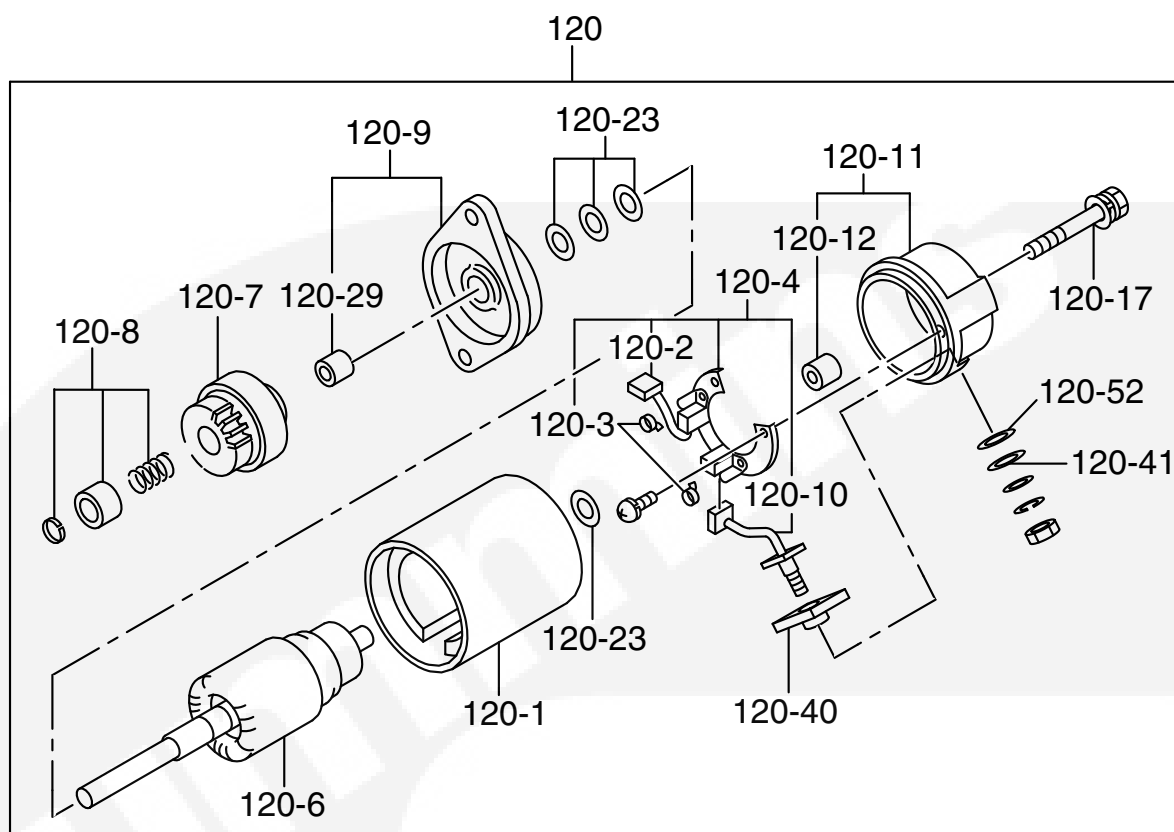
FIG. 720



7 ELECTRIC DEVICE

[illegible]

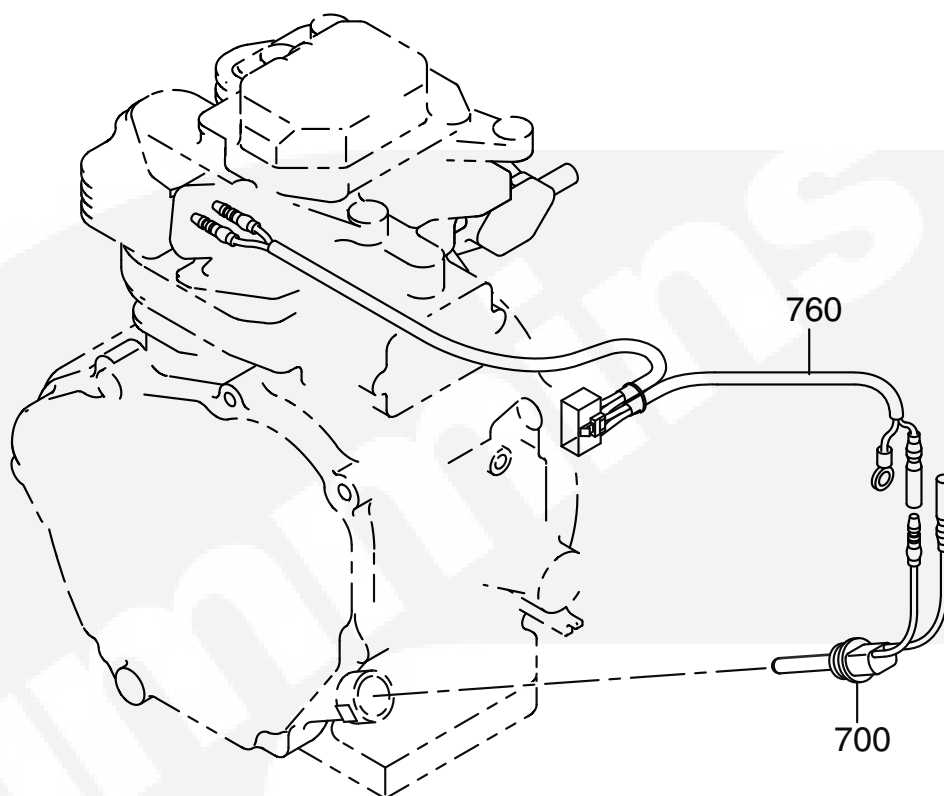
FIG. 730



7 ELECTRIC DEVICE

[illegible]

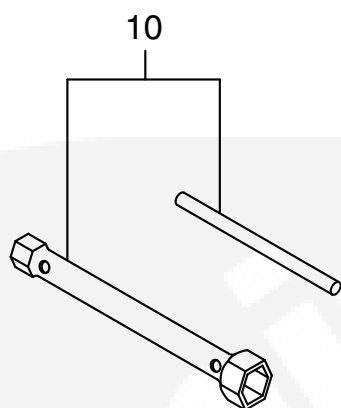
FIG. 770



7 ELECTRIC DEVICE

[illegible]

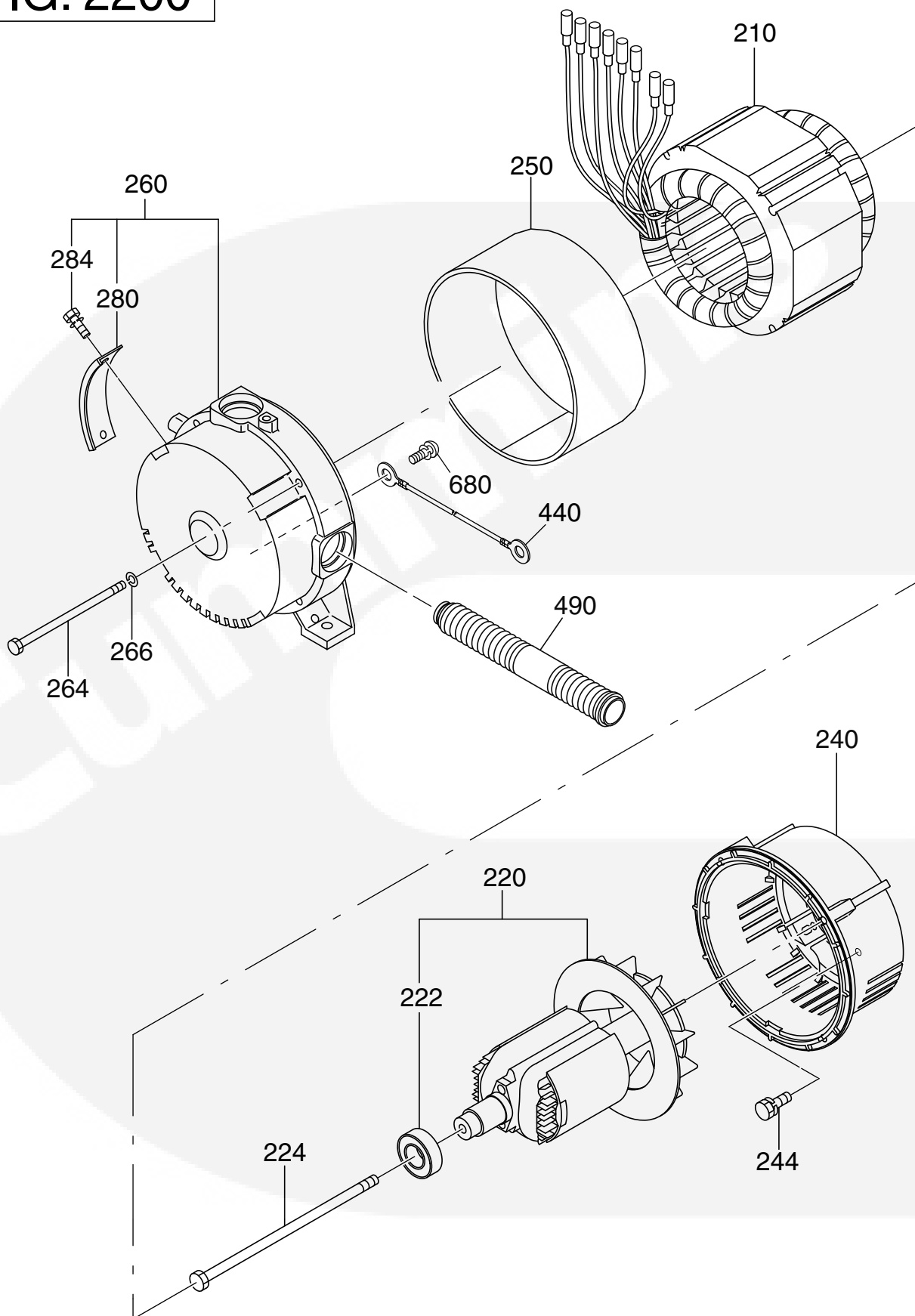
FIG. 900



9 ACCESSORIES, LABEL

[illegible]

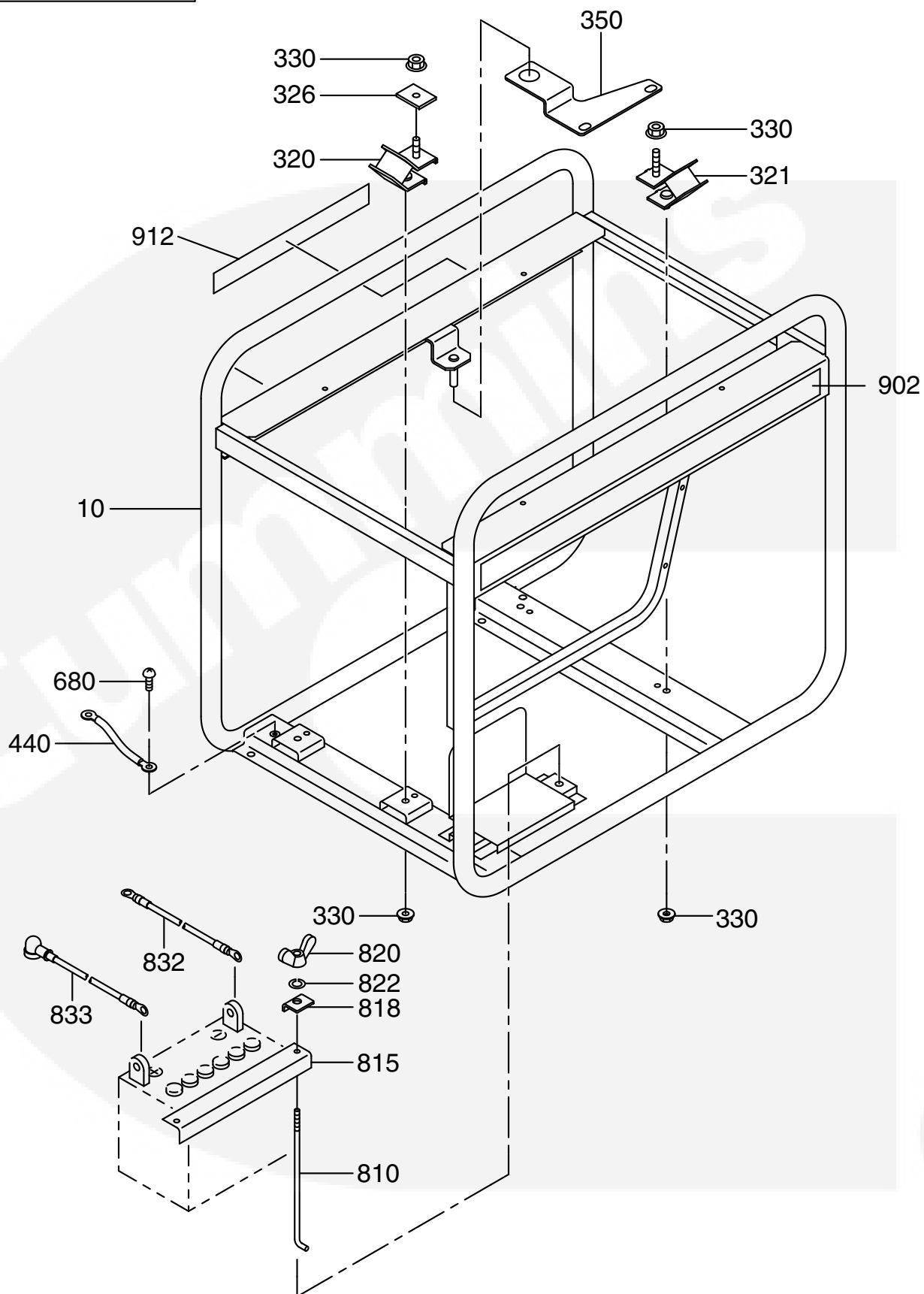
FIG. 2200



22 GENERATOR

[illegible]

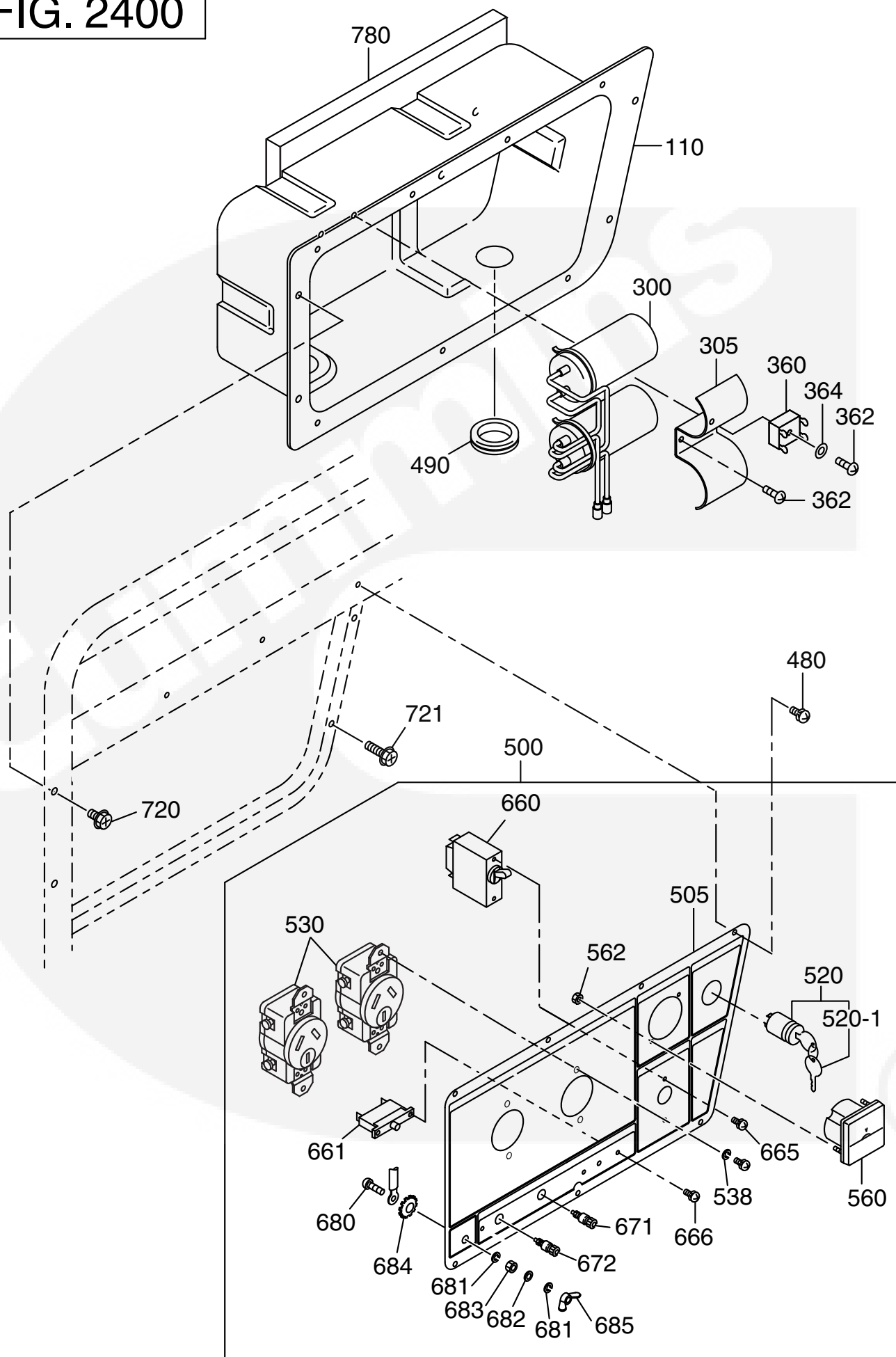
FIG. 2300



23 PIPE FRAME

[illegible]

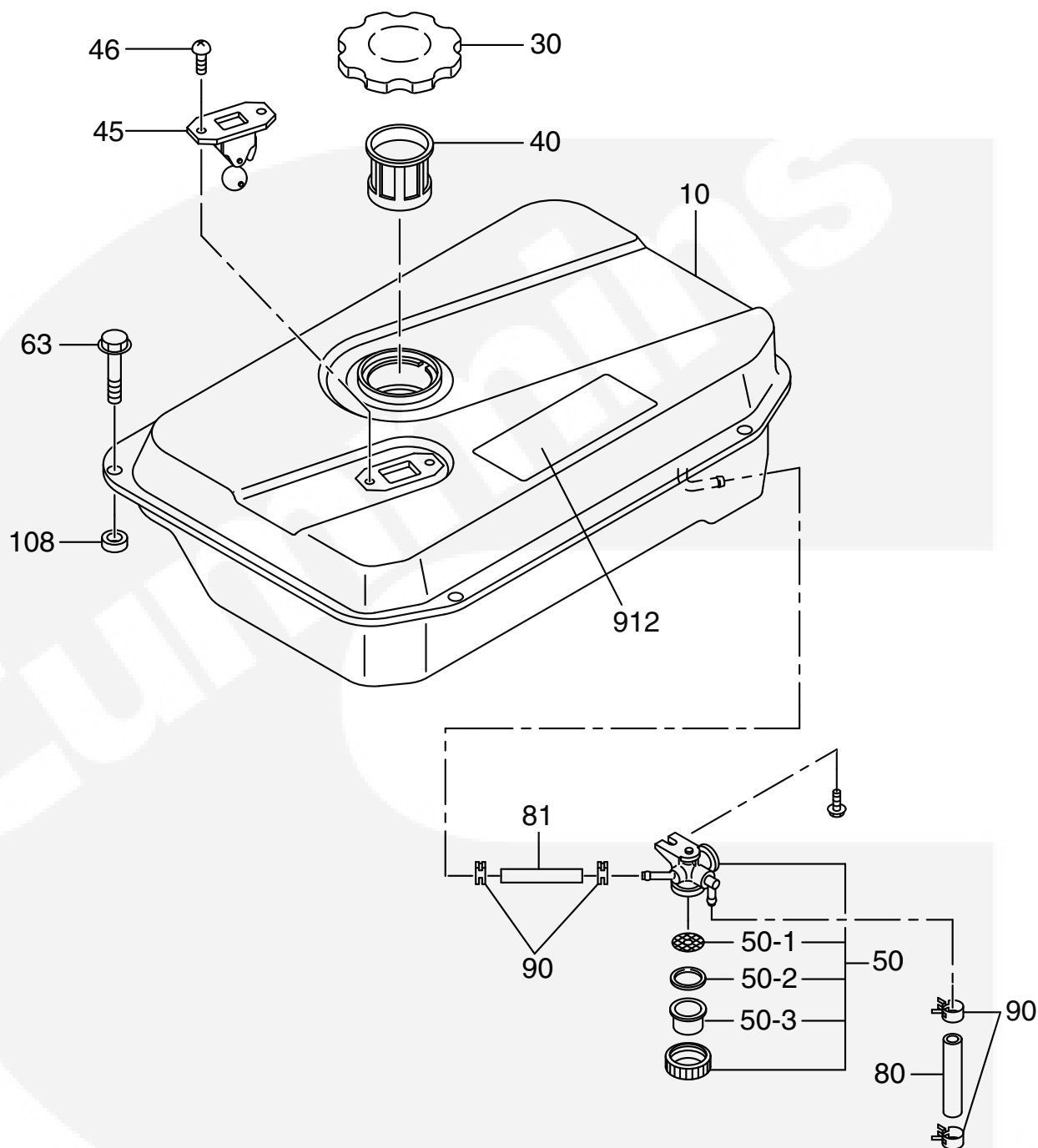
FIG. 2400



24 CONTROL BOX

REF.	PART NUMBER	PART NAME	QTY	R E M A R K S	CODE NO.	INTERCHANGE P/NO.	UNIT P	FIG.
110	31D-42201-01	CONTROL BOX CP	1	BLACK	-			2400
300	390-47553-08	CONDENSER CP	1		-			2400
305	31C-75001-03	CONDENSER BRACKET	1		-			2400
360	353-45804-08	DIODE STACK AY	2		-			2400
362	31B-79001-03	TAPPING SCREW	2		-			2400
364	003-10040-00	WASHER	2		-			2400
480	353-49904-08	TAPPING SCREW	7		-			2400
490	389-89001-03	GROMMET	1		-			2400
500	31D-73017-00	CONTROL PANEL AY	1		-			2400
505	31D-72061-01	PANEL CP	1		-			2400
520	066-00003-30	SWITCH	1		-			2400
- 1	066-00099-80	KEY, SWITCH	2	MARK 103	-			2400
530	353-45719-08	AC RECEPTACLE	2	AC250V 15A	-			2400
538	392-49981-08	WASHER	4		-			2400
560	391-47900-11	VOLT METER	1	200V CLASS	-			2400
562	388-49801-08	NUT	2		-			2400
660	390-45658-08	NO-FUSE BRAKER	1		-			2400
661	352-45620-08	CIRCUIT PROTECTOR	1		-			2400
665	31B-79011-03	SCREW & WASHER AY	2		-			2400
666	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	356-49956-08	SCREW	1		-			2400
681	332-00050-08	SPRING WASHER	2		-			2400
682	353-49903-08	WASHER	1		-			2400
683	353-49902-08	NUT	1		-			2400
684	372-59950-08	LOCK WASHER	1		-			2400
685	353-49901-08	WING NUT	1		-			2400
720	31B-79012-03	BOLT AND WASHER AY	2		-			2400
721	31B-79013-03	BOLT AND WASHER AY	2		-			2400
780	31D-79007-03	SPONGE	1		-			2400

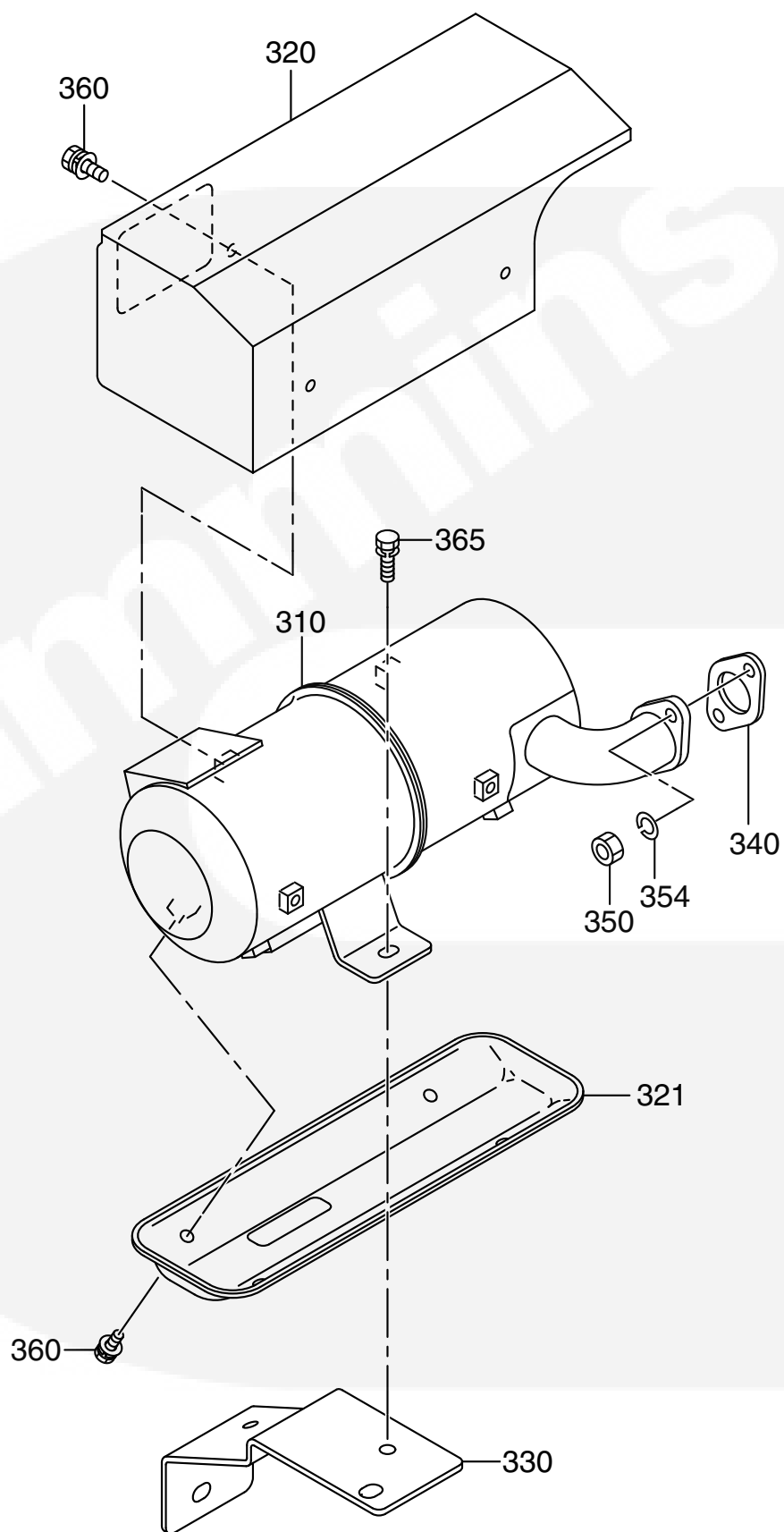
FIG. 2600



26 FUEL TANK

[illegible]

FIG. 2700



27 MUFFLER

[illegible]

NOTES



NOTES



NOTES



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