

PARTS MANUAL

Model

**RGX2900
Generator**

PUB-GP6281
Rev. 08/06

Robin America, Inc.

940 Lively Blvd. • Wood Dale, IL 60191 • Phone: 630-350-8200 • Fax: 630-350-8212
e-mail: sales@robinamerica.com • www.robinamerica.com

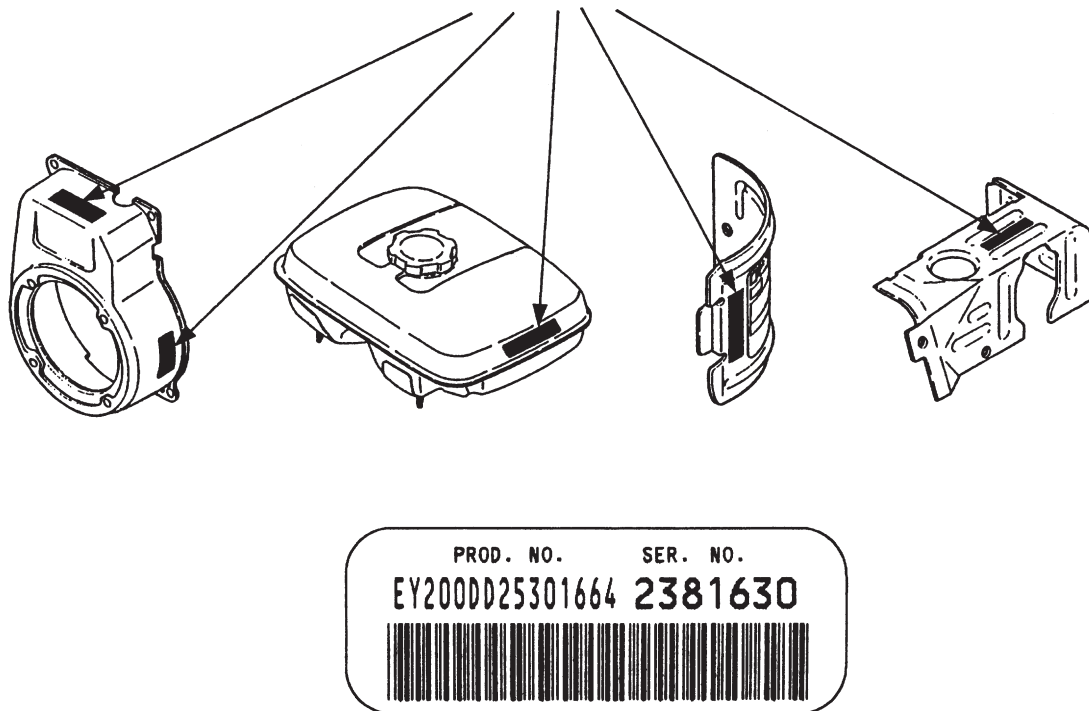
© Copyright 2006 Robin America, Inc.

HOW TO USE THIS MANUAL

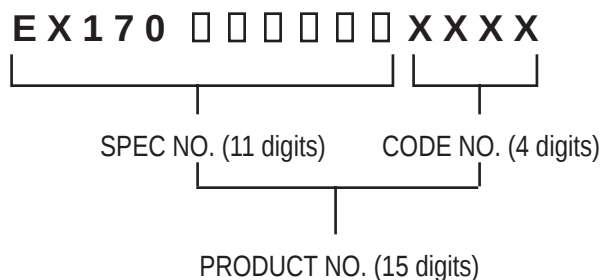
Robin engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant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



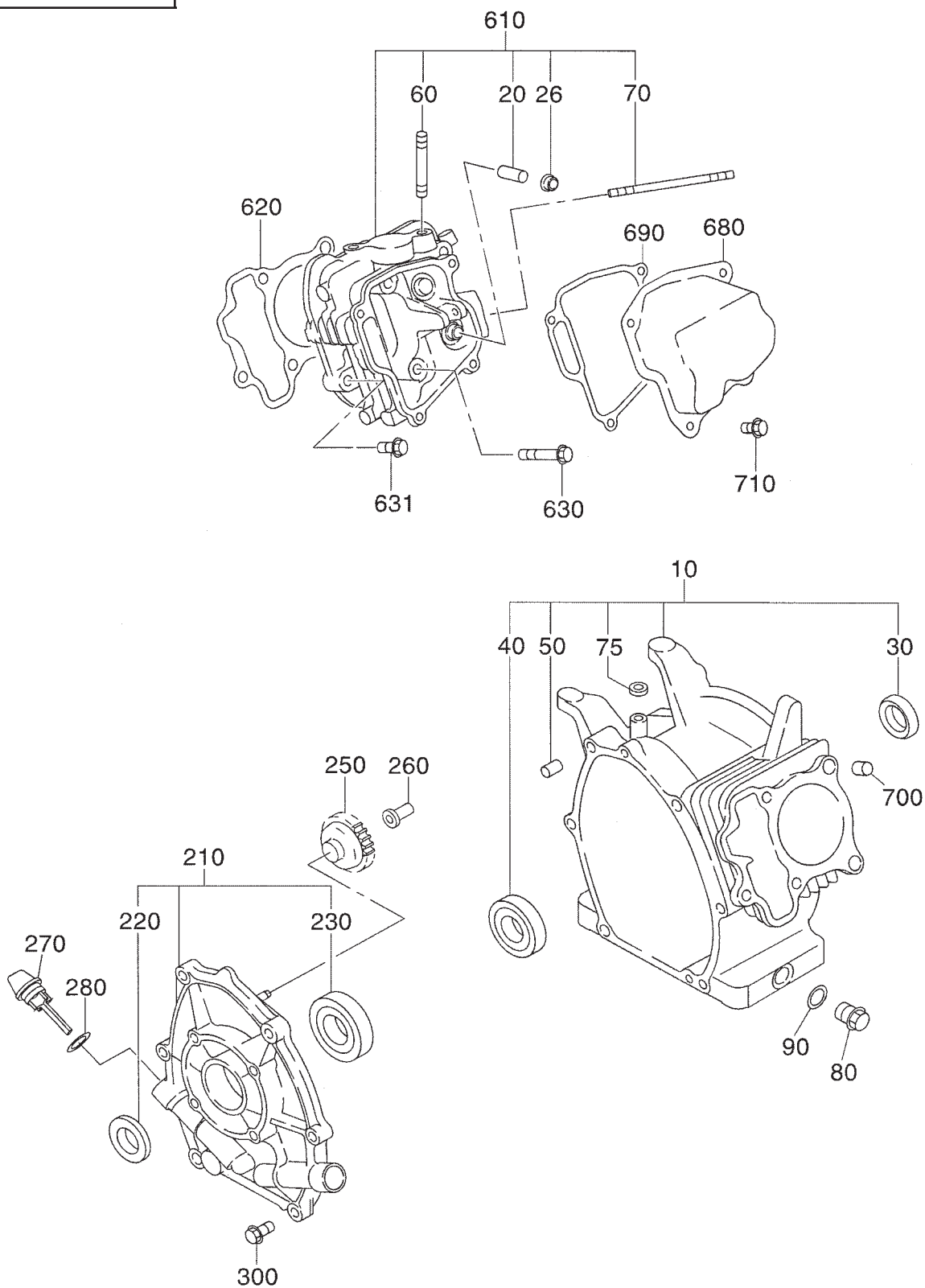
GROUP INDEX

Group Name	Page
CRANKCASE	6
CRANKSHAFT, PISTON	8
INTAKE, EXHAUST	10
GOVERNOR, OPERATION.....	14
COOLING, STARTING	16
FUEL, LUBRICANT	18
ELECTRIC DEVICE	22
GENERATOR	24
BASE, FRAME	26
CONTROL	28
ACCESSORY GROUP	30

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 CRANKCASE GROUP

FIG. 100

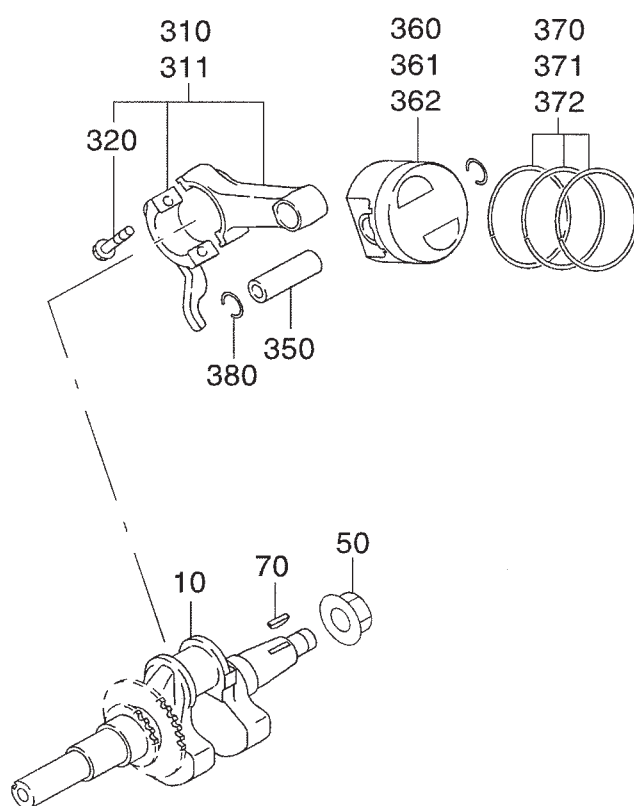


SECTION 1 CRANKCASE GROUP

[illegible]

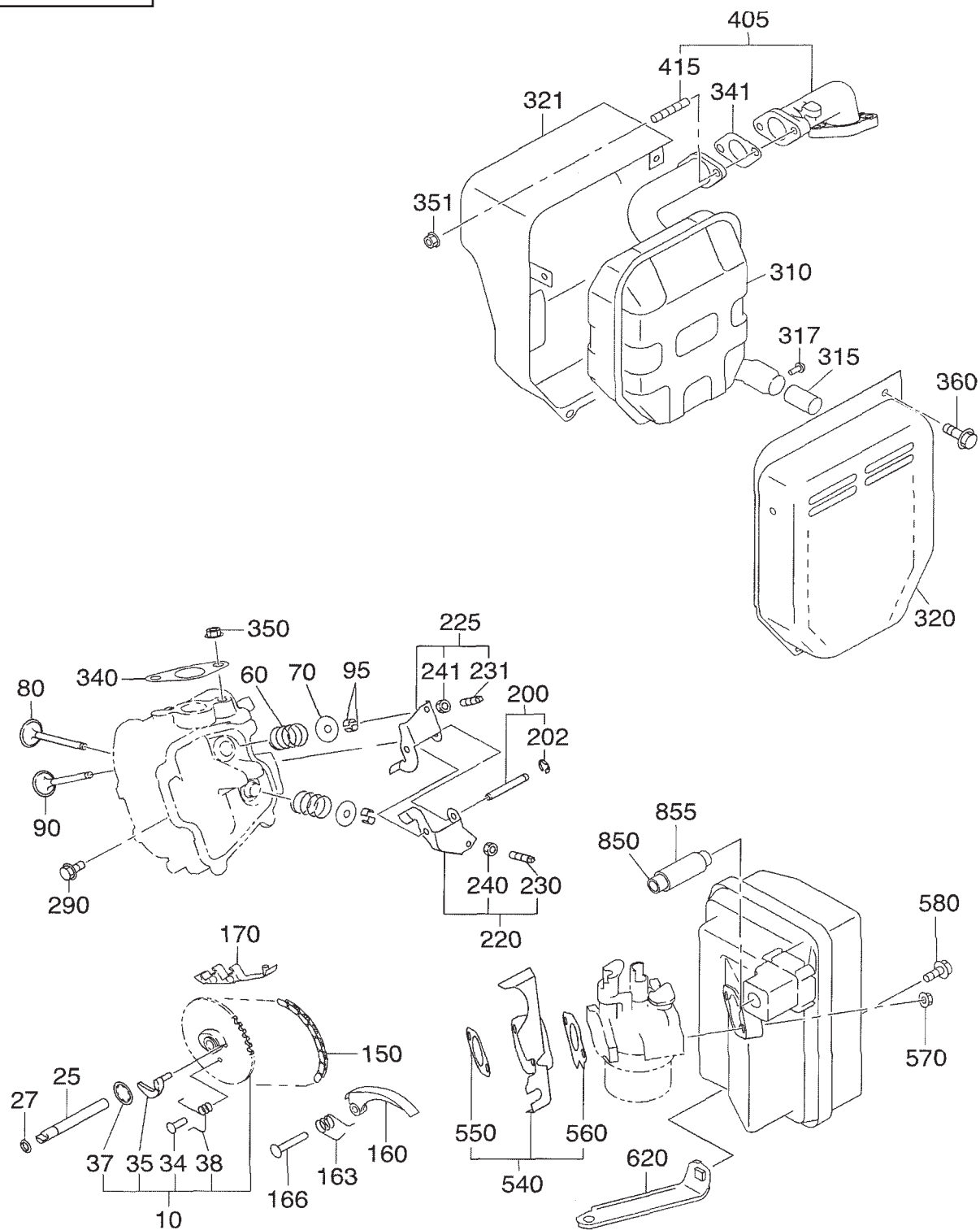
SECTION 2 CRANKSHAFT, PISTON GROUP

FIG. 200



SECTION 3 INTAKE, EXHAUST GROUP

FIG. 300



SECTION 3 INTAKE, EXHAUST GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
10	278-31601-31	CAMSHAFT	1			300
25	277-35101-03	PIN, camshaft	1			300
27	024-00600-10	O RING	1			300
34	277-38601-03	PIN, spring	1			300
35	277-36401-03	RELEASE LEVER	1			300
37	277-36501-03	CLIP	1			300
38	279-38701-13	RETURN SPRING	1			300
60	279-33601-03	VALVE SPRING	2			300
70	269-33701-03	SPRING RETAINER	2			300
80	277-33401-H3	INTAKE VALVE	1			300
90	277-33501-H3	EXHAUST VALVE	1			300
95	132-10KA0-31	COLLET VALVE	4			300
150	277-35601-11	TIMING CHAIN	1	88 Link		300
160	277-36911-03	TENTIONER	1			300
163	277-37101-03	SPRING, tentioner	1			300
166	277-36902-03	PIN, tentioner	1			300
170	277-36913-13	CHAIN GUIDE	1			300
200	277-35002-01	PIN, rocker	1			300
202	003-13050-00	CLIP	1			300
220	277-36201-00	ROCKER ARM, intake	1			300
225	277-36202-00	ROCKER ARM, exhaust	1			300
230	014-90500-20	ADJUST SCREW	1			300
231	014-90500-20	ADJUST SCREW	1			300
240	017-00500-30	NUT	1			300
241	017-00500-30	NUT	1			300
290	011-00600-20	FLANGE BOLT	1			300
310	277-30202-01	MUFFLER	1			300
315	277-37603-01	SPARK ARRESTOR	1			300
317	015-00400-60	TAPPING SCREW	1			300
320	277-34501-01	MUFFLER COVER 1	1			300
321	277-34601-01	MUFFLER COVER 2	1			300
340	277-35201-13	GASKET, muffler	1			300
341	277-35201-01	GASKET, exhaust	1			300
350	980-20082-80	FLANGE NUT	2			300
351	980-20082-80	FLANGE NUT	2			300
360	011-00600-20	FLANGE BOLT	3			300
405	277-34001-01	EXHAUST PIPE	1			300
415	010-50802-90	STUD	2			300
540	277-32902-J1	INSULATOR	1			300
550	277-35903-J3	GASKET 2, insulator	1			300
560	277-35902-J3	GASKET 1, insulator	1			300
570	002-38060-00	FLANGE NUT	2			300
580	011-00600-50	FLANGE BOLT	1			300
620	277-39001-01	BRACKET,a/c	1			300
850	277-32762-08	BREATHER PIPE	1			300
855	277-69001-03	SPONGE PROTECTOR	1			300

FIG. 310

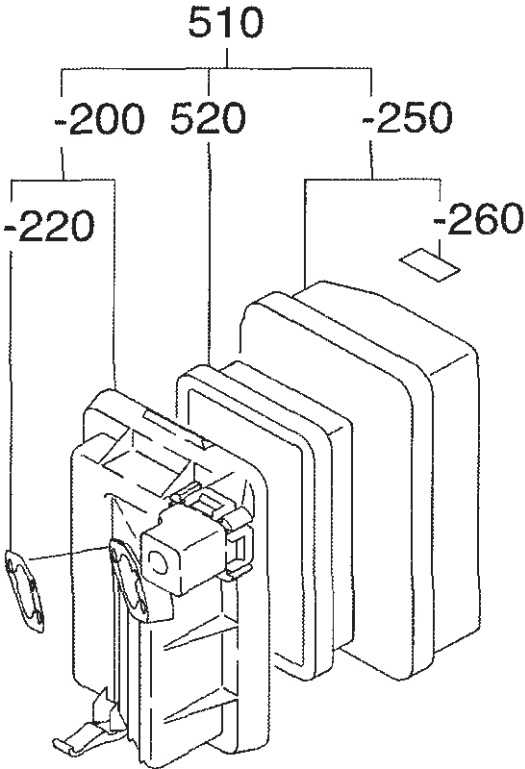
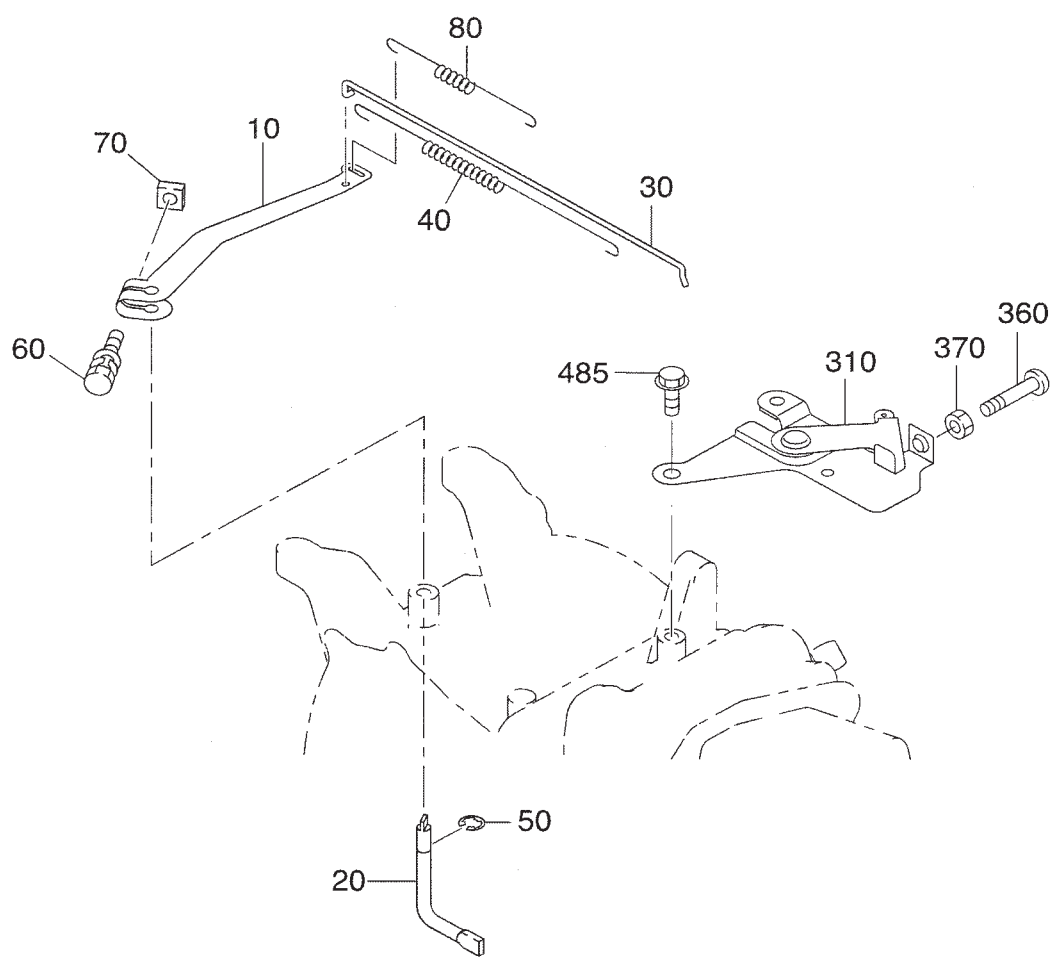


FIG. 400

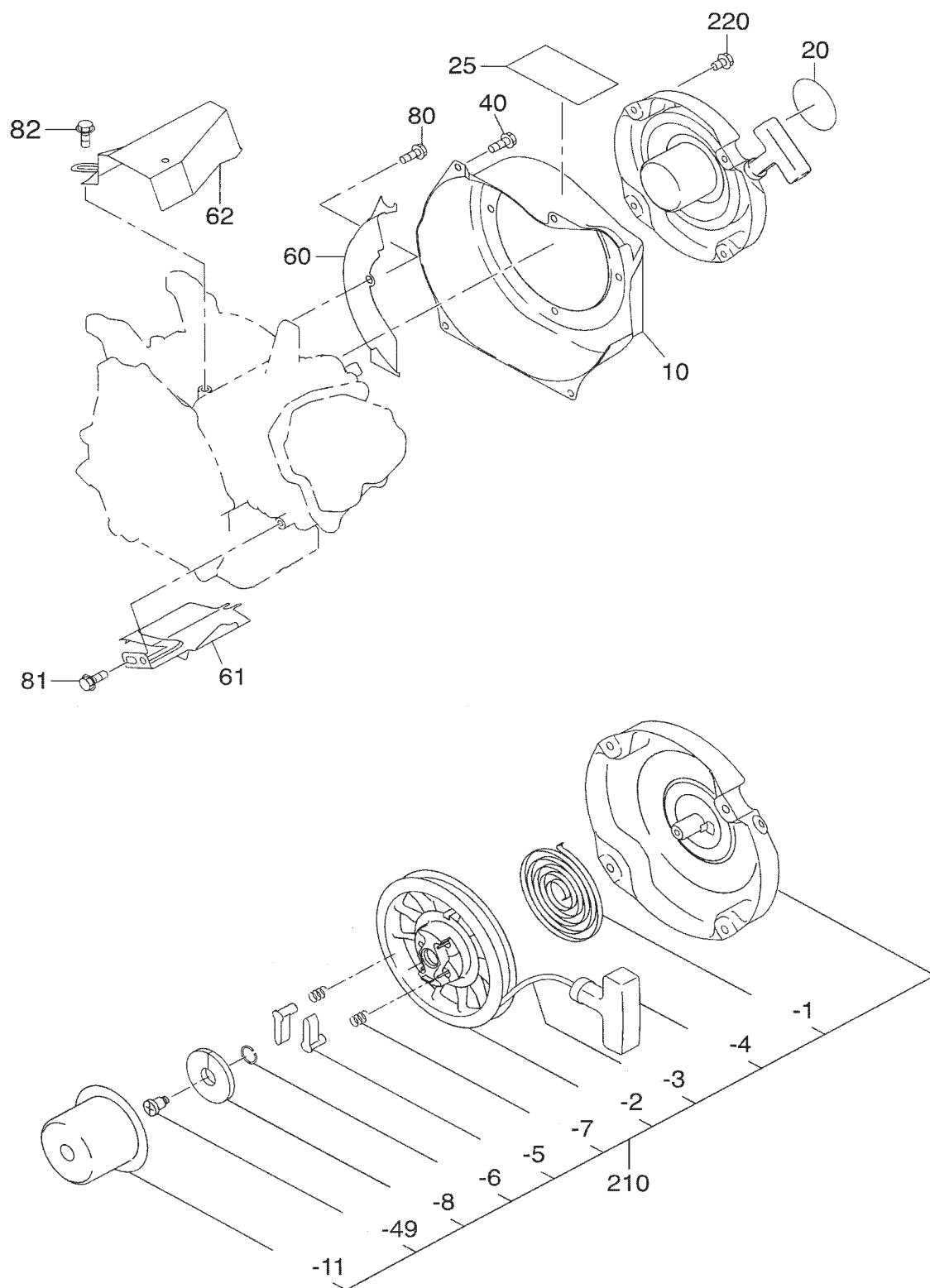


SECTION 4 GOVERNOR, OPERATION GROUP

[illegible]

SECTION 5 COOLING, STARTING GROUP

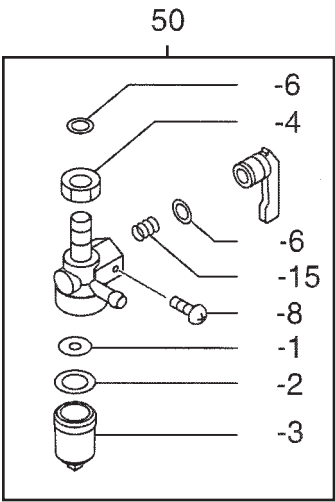
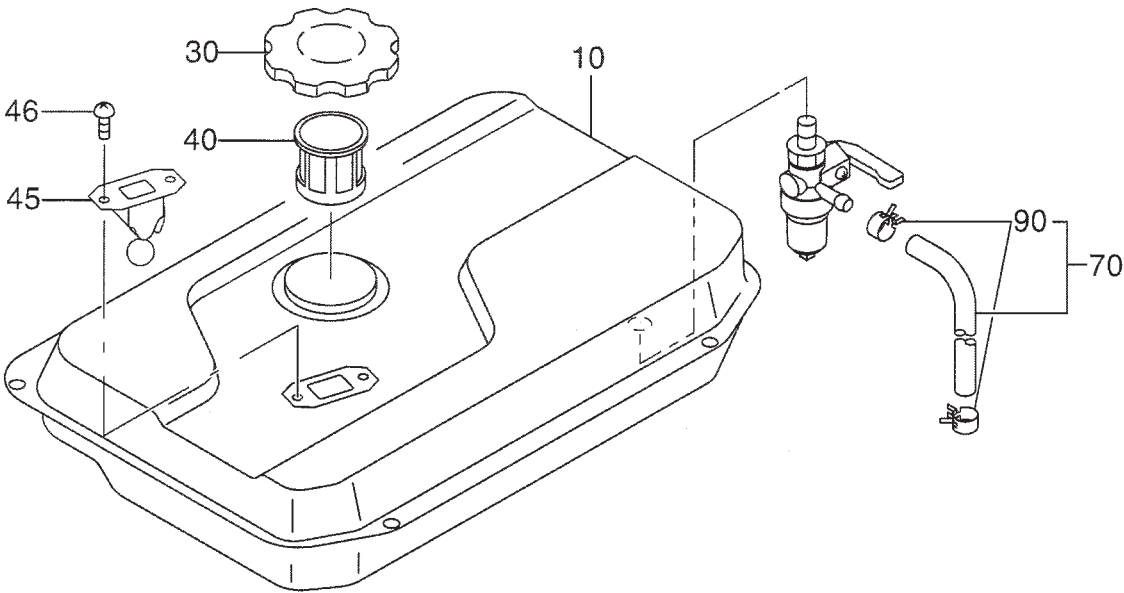
FIG. 500



SECTION 5 COOLING, STARTING GROUP

[illegible]

FIG. 600

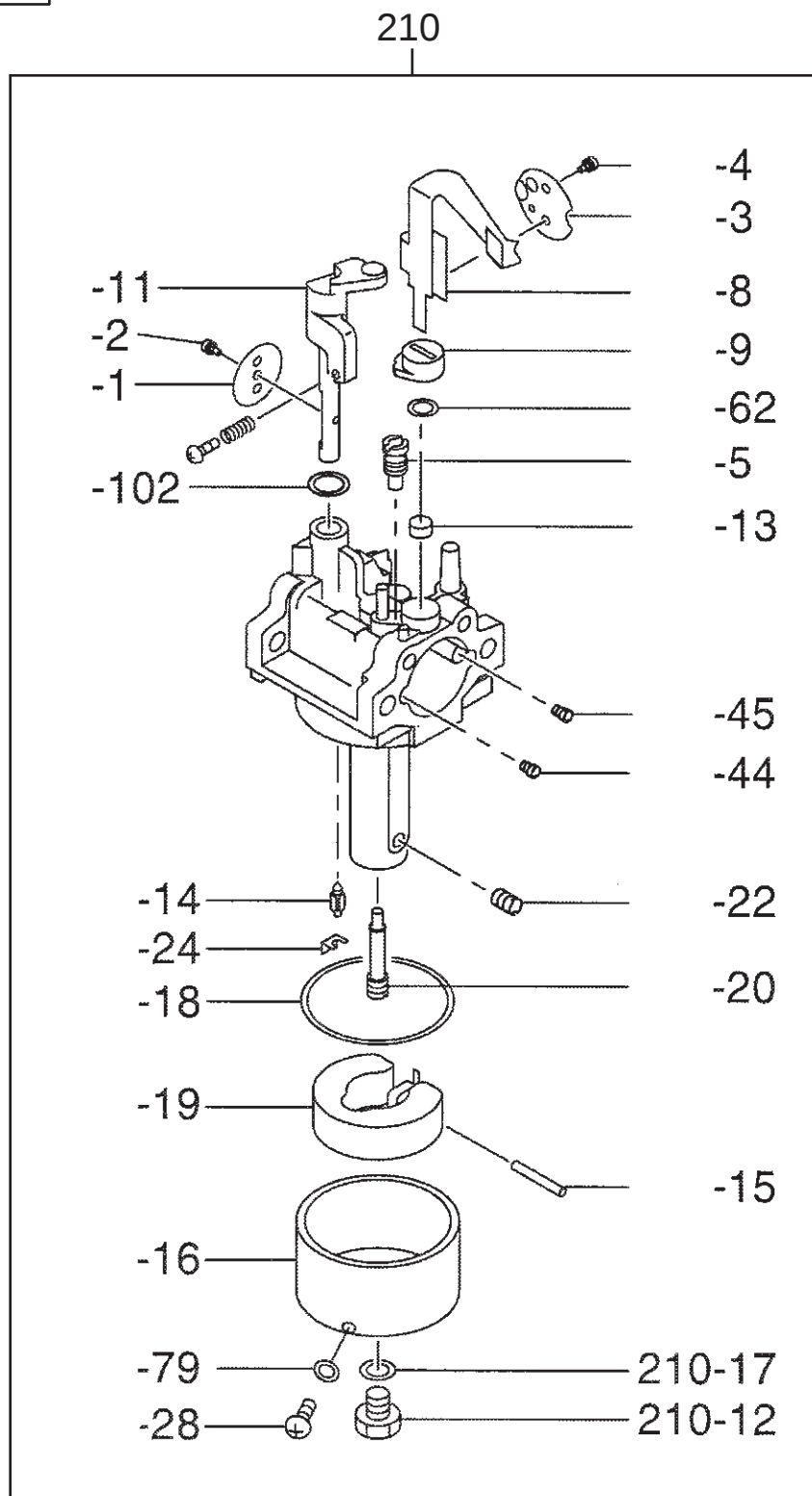


SECTION 6 FUEL, LUBRICATION GROUP

[illegible]

SECTION 6 FUEL, LUBRICATION GROUP

FIG. 610

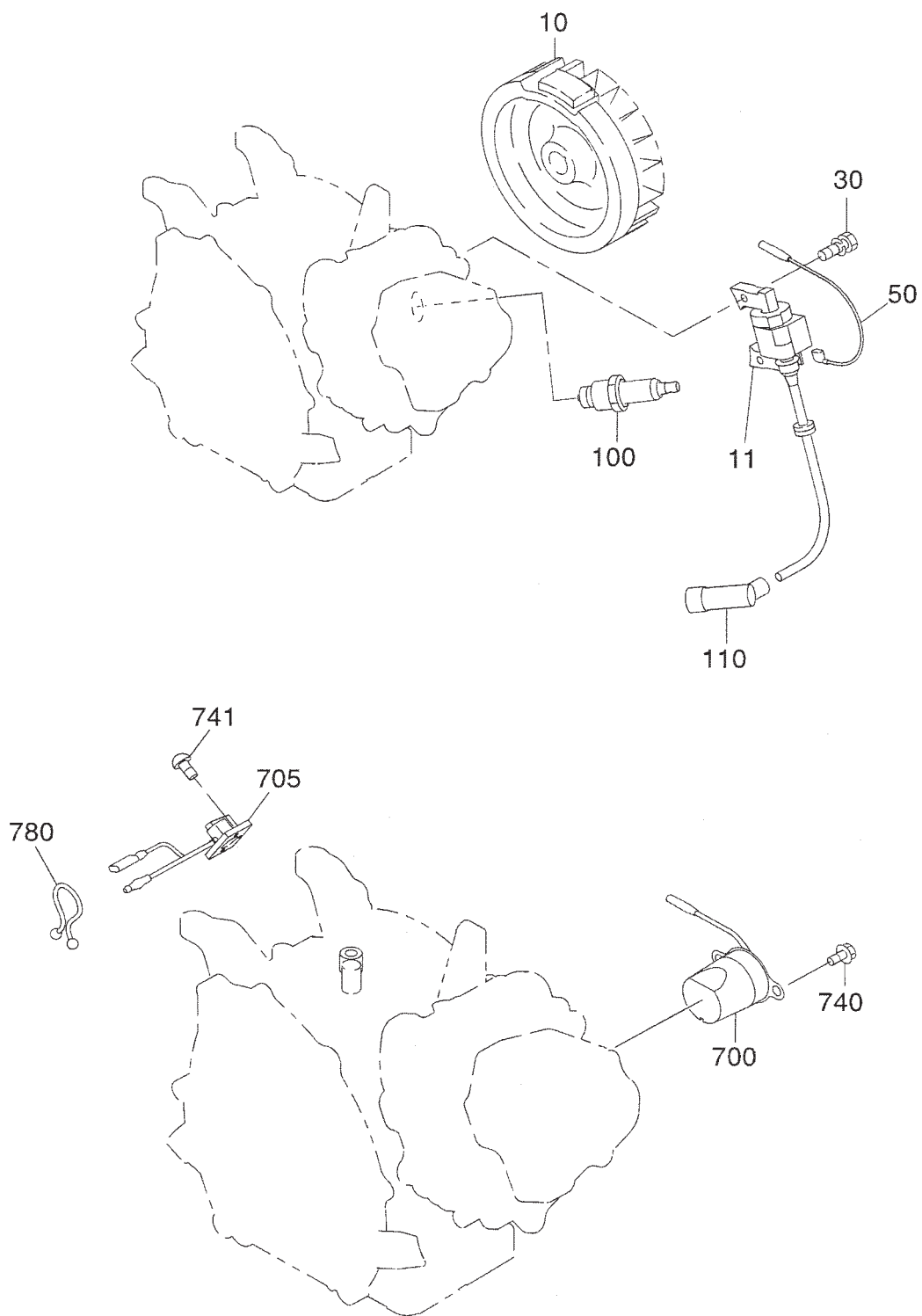


SECTION 6 FUEL, LUBRICATION GROUP

[illegible]

SECTION 7 ELECTRICAL GROUP

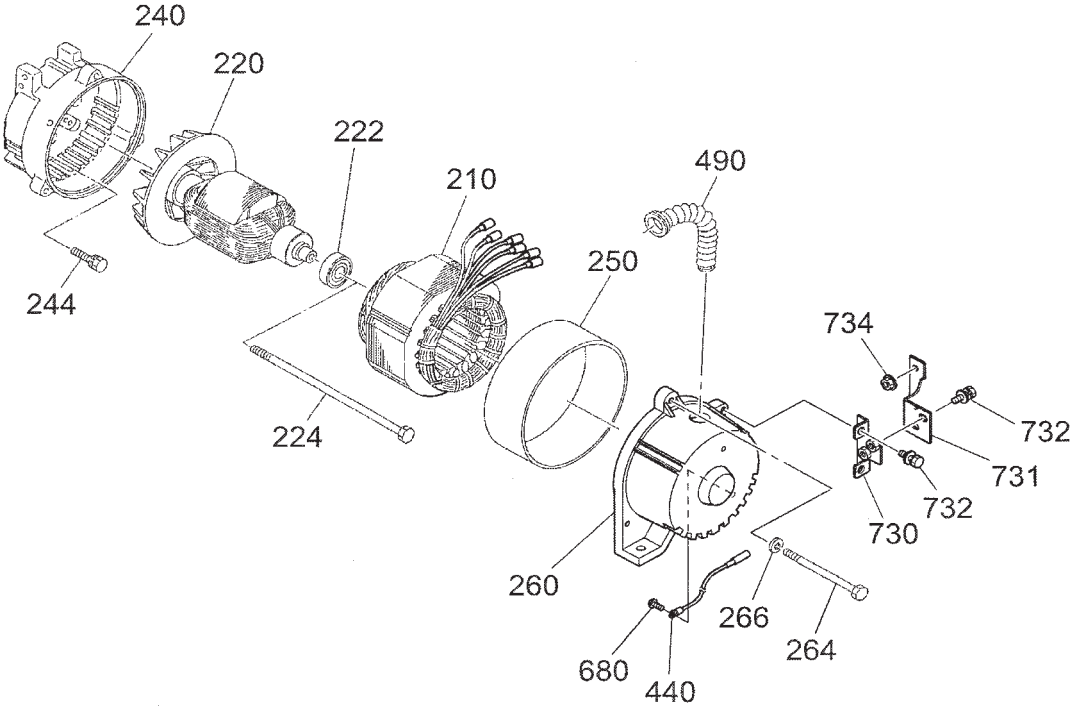
FIG. 700



SECTION 7 ELECTRICAL GROUP

[illegible]

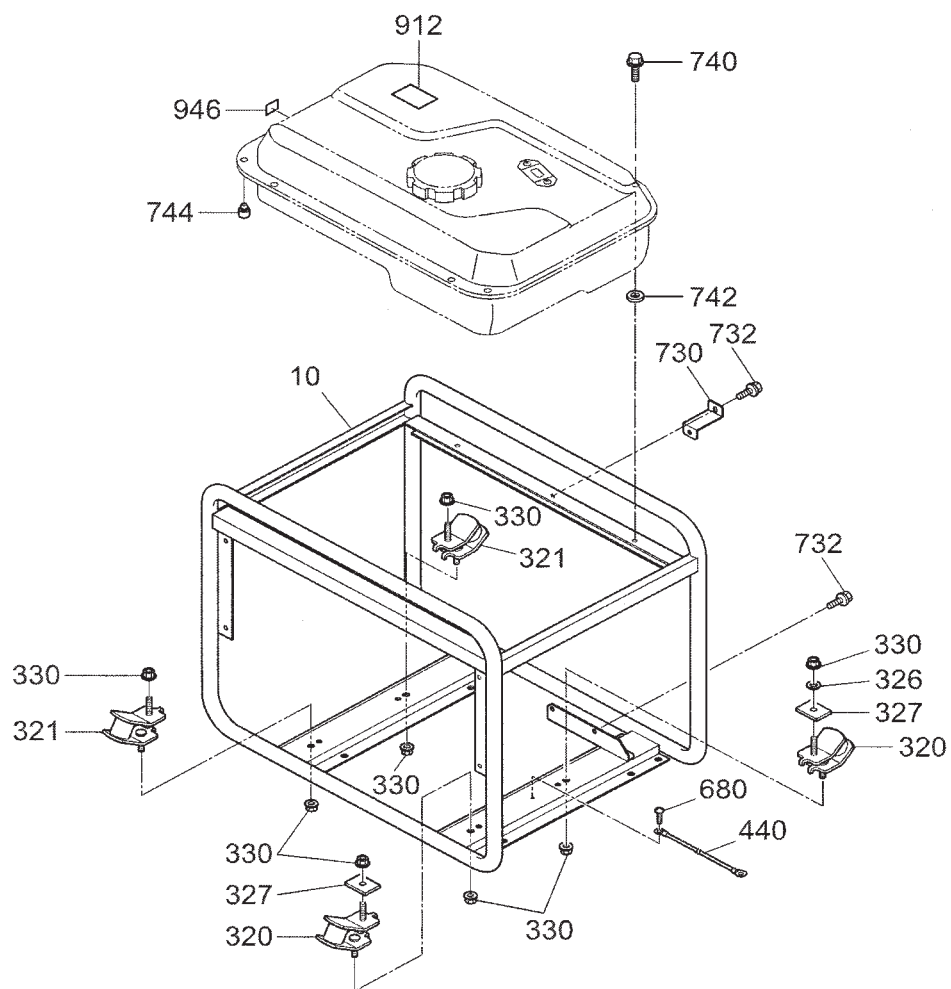
FIG. 2200



SECTION 8 GENERATOR GROUP

[illegible]

FIG. 2300

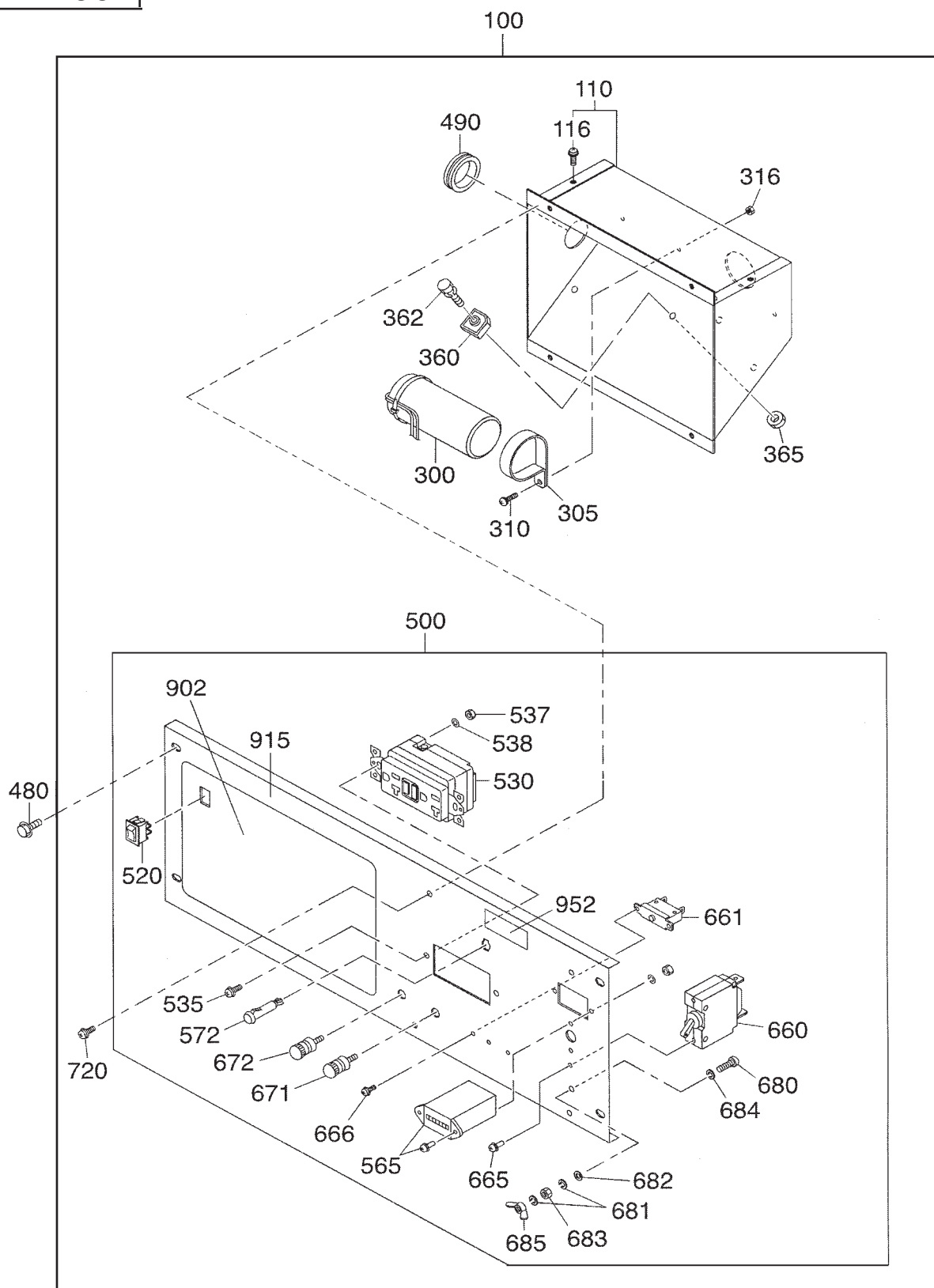


SECTION 9 PIPE FRAME GROUP

[illegible]

SECTION 10 CONTROL BOX GROUP

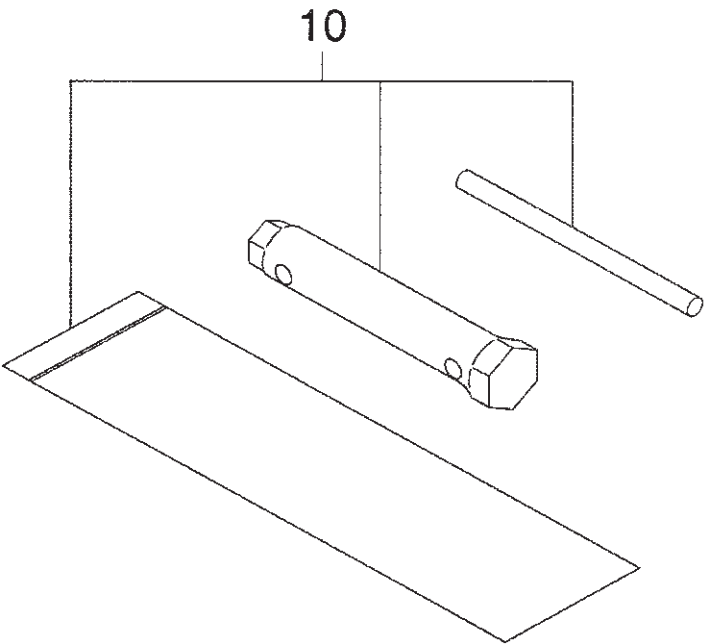
FIG. 2400



SECTION 10 CONTROL BOX GROUP

[illegible]

FIG. 2900



SECTION 11 ACCESSORIES GROUP

[illegible]

PRINTED IN THE USA