

PARTS MANUAL

Models

EX21

**Electronic Fuel Injection
ENGINE**

PUB-EP6675
Rev. 07/09

Robin America, Inc.

905 Telser Rd. • Lake Zurich, IL 60047 • Phone: 847-540-7300 • Fax: 847-438-5012

e-mail: sales@robinamerica.com • www.subarupower.com

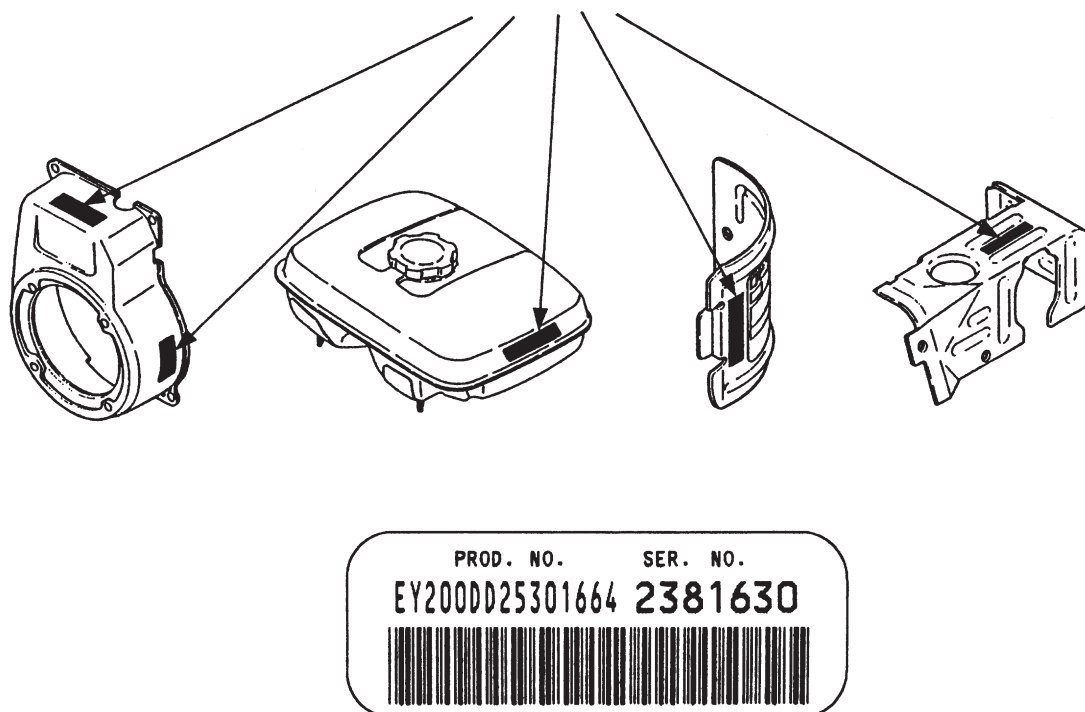
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HOW TO USE THIS MANUAL

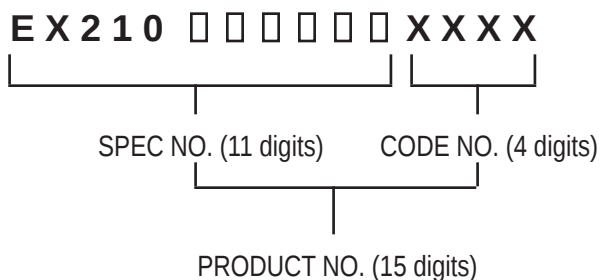
Robin engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant 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 6 FUEL GROUP

2— FIG. 600

FIG. 600

DETAIL A

1—SECTION 6 FUEL GROUP

REF.	PART NO.	DESCRIPTION	QTY.	REMARKS	FROM-TO	FIG.
10	267-60103-01	FUEL TANK CP	1	YD, YS TYPE, BLACK		600
	267-60101-01	FUEL TANK CP	1	YELLOW		600
27	073-20039-00	LABEL, WARNING	1	YD, YS TYPE		600
30	043-04300-15	FUEL TANK CAP CP	1			600
31	267-95201-03	LABEL, EMISSION	1	YD, YS TYPE		600
40	064-13600-10	FUEL FILTER	1			600
50	064-20021-01	FUEL STRAINER AY	1			600
-1	064-20002-20	FILTER	1			600
-2	064-20002-30	GASKET	1			600
-3	064-20019-10	CUP	1			600

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.

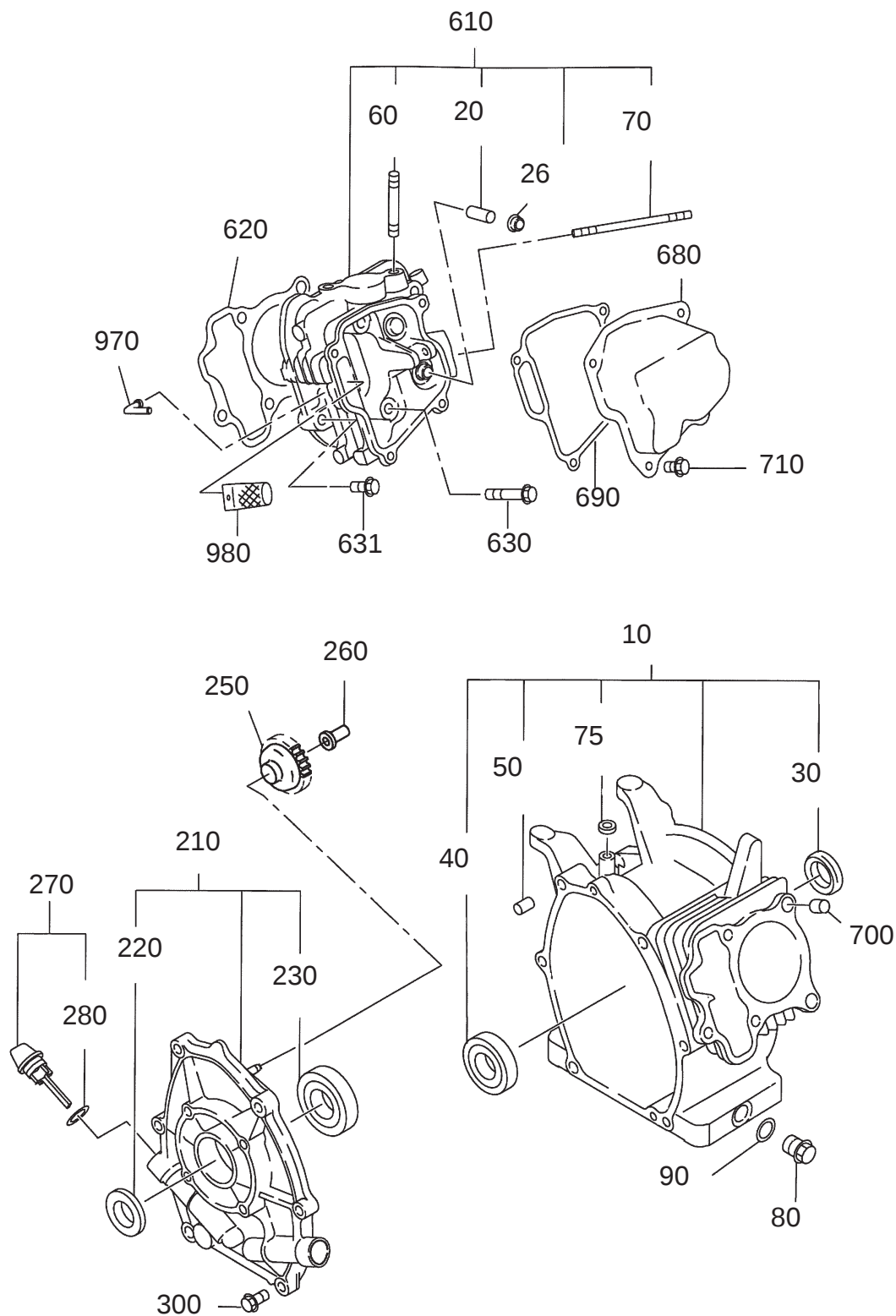
GROUP INDEX

Group Name	Page
CRANKCASE GROUP	6
CRANKSHAFT GROUP	8
INTAKE and EXHAUST GROUP	10
GOVERNOR GROUP	18
COOLING and STARTING GROUP	22
FUEL, LUBRICANT GROUP	26
CARBURETOR GROUP	28
ELECTRIC DEVICE GROUP	32
ACCESSORY GROUP	38

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

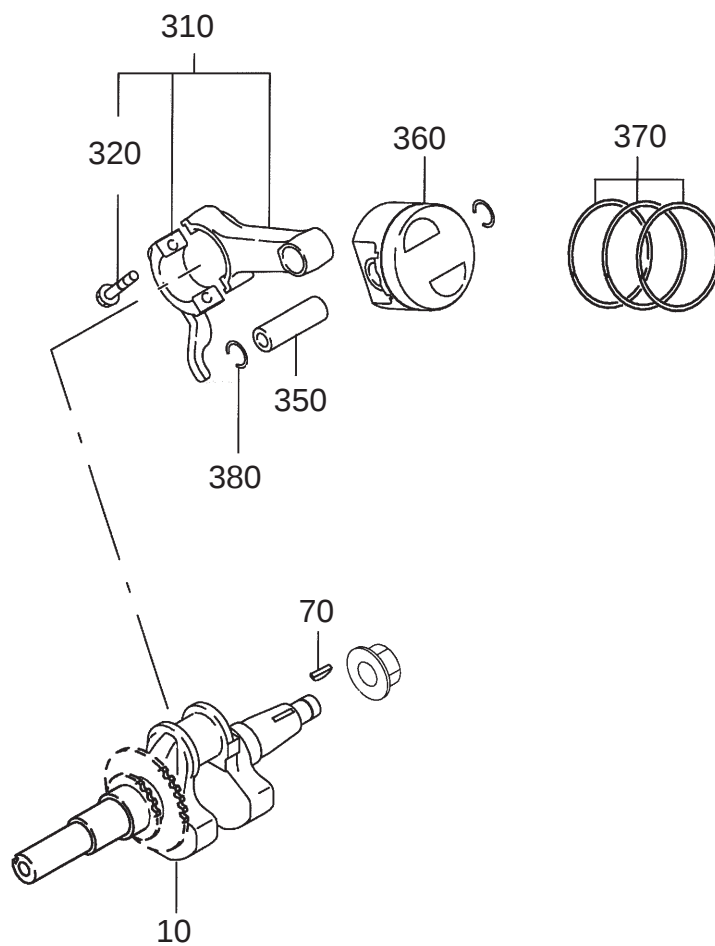


SECTION 1 CRANKCASE GROUP

[illegible]

SECTION 2 CRANKSHAFT GROUP

FIG. 200

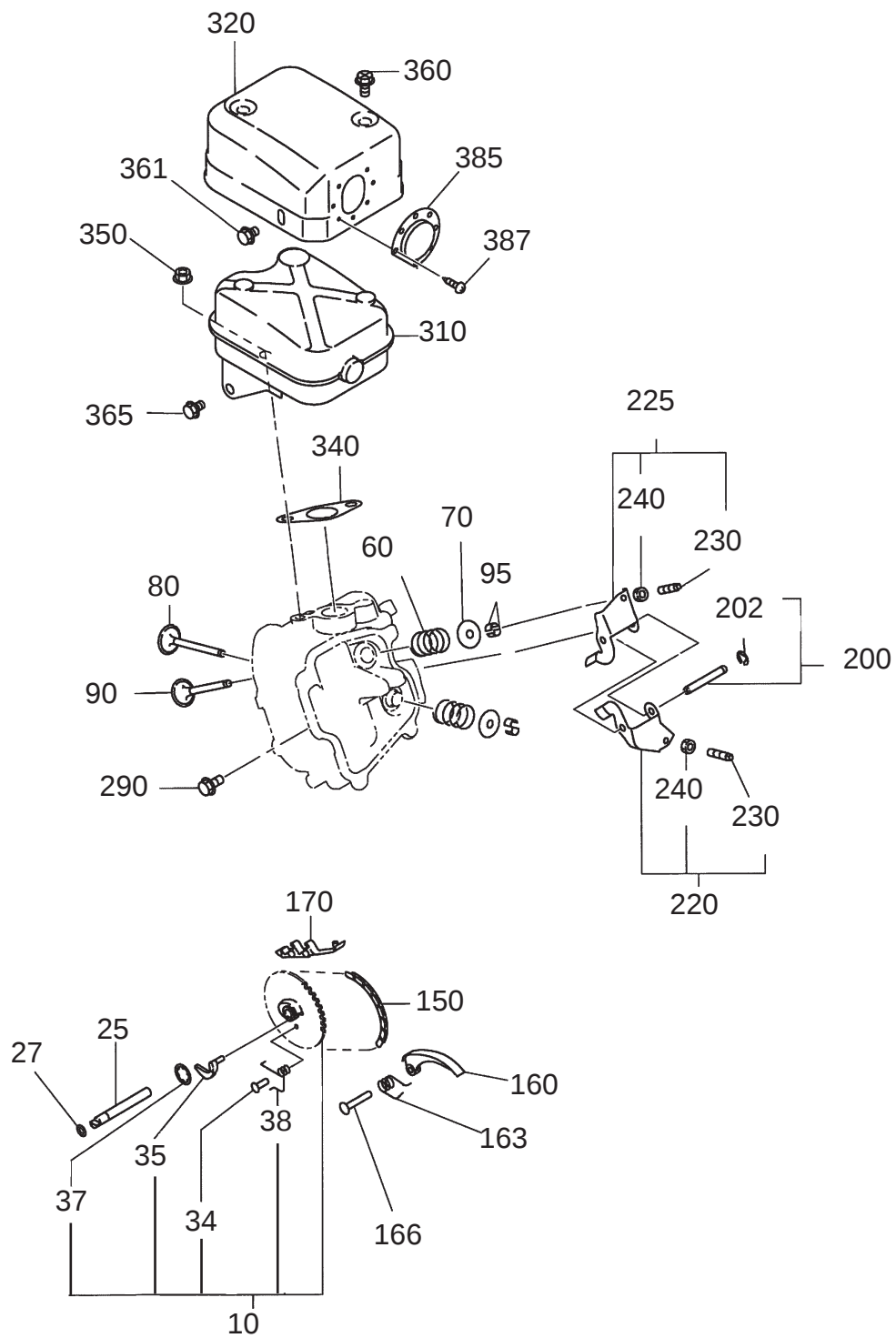


SECTION 2 CRANKSHAFT GROUP

[illegible]

SECTION 3 INTAKE and EXHAUST GROUP

FIG. 300

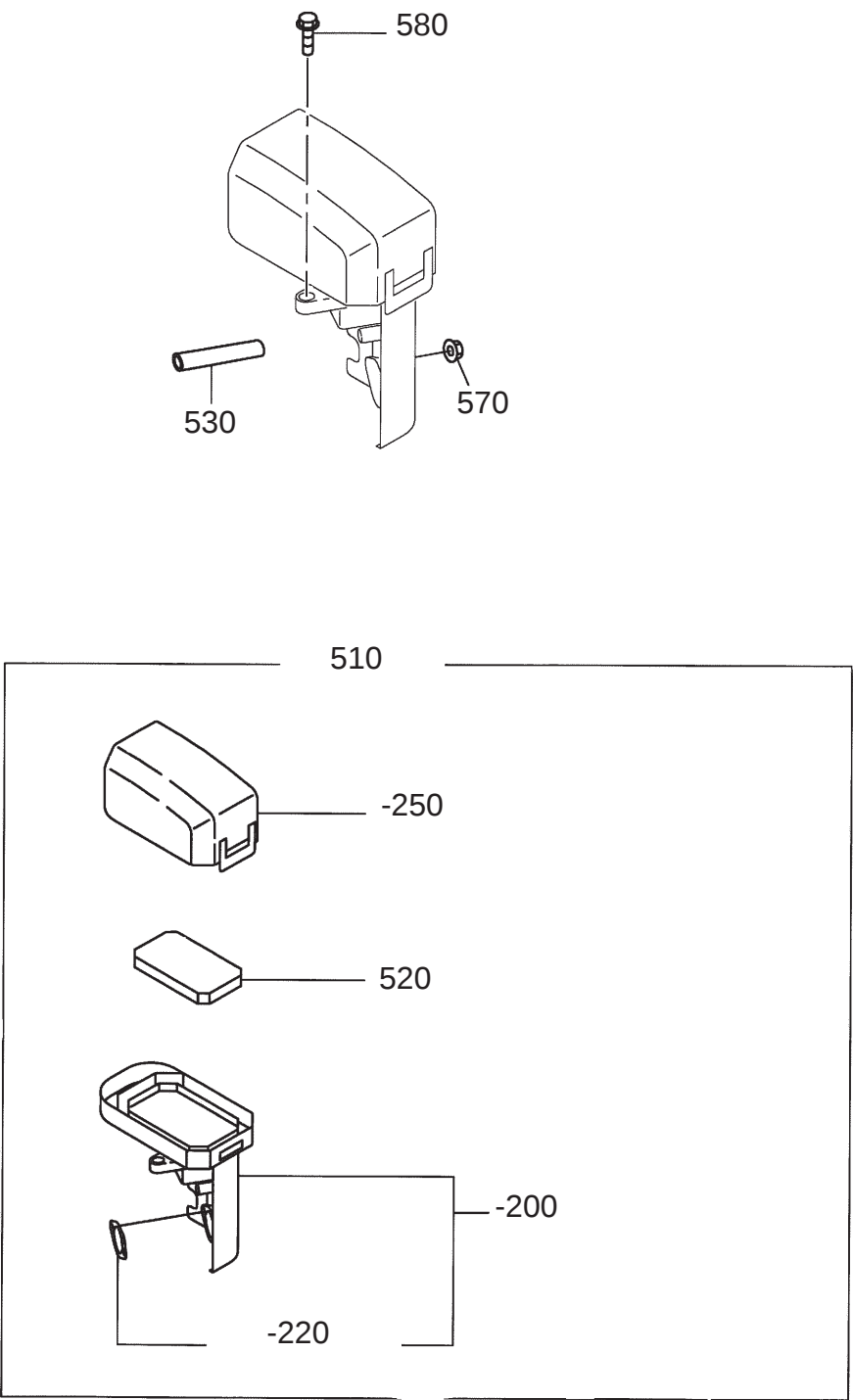


SECTION 3 INTAKE and EXHAUST GROUP

[illegible]

SECTION 3 INTAKE and EXHAUST GROUP

FIG. 350

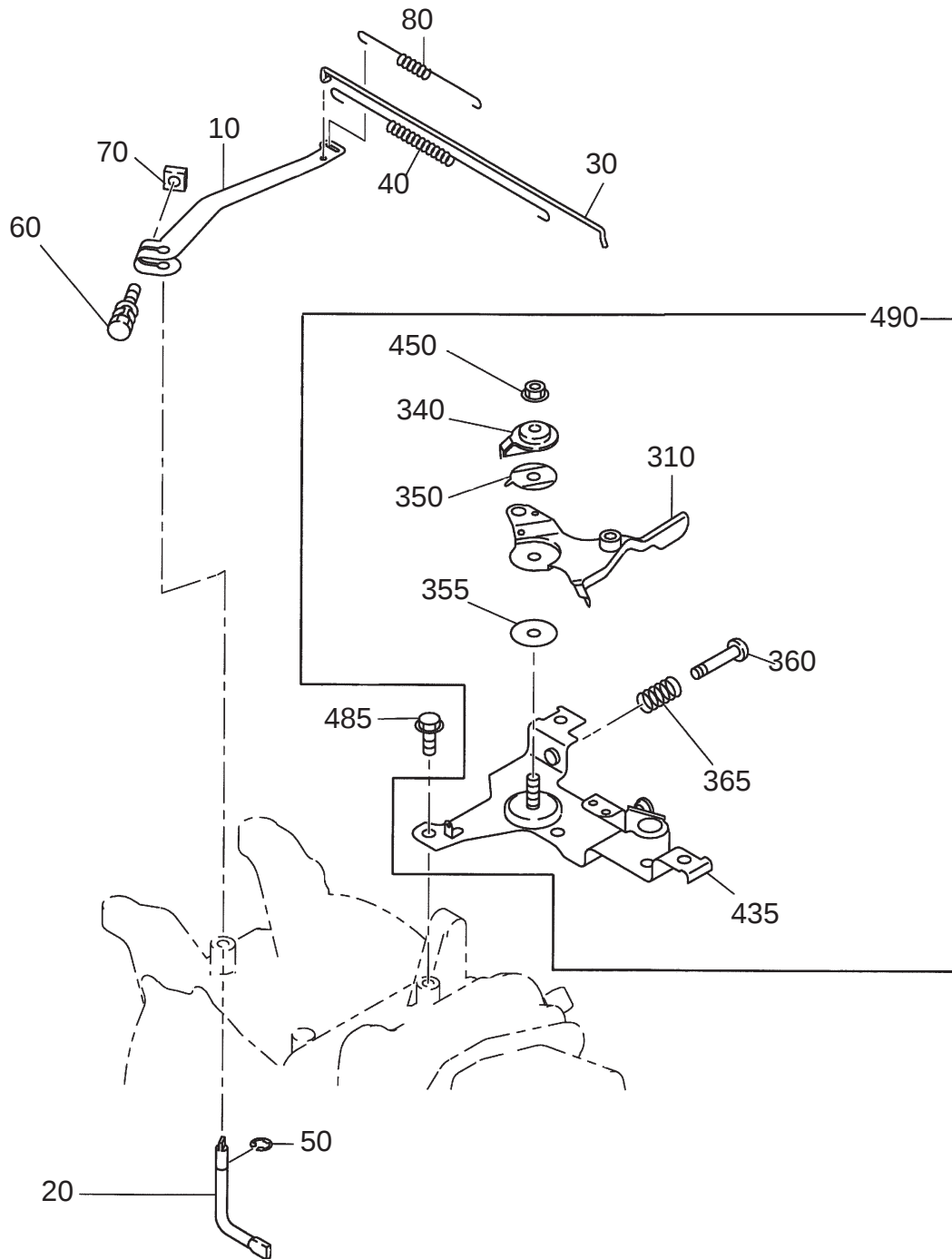


SECTION 3 INTAKE and EXHAUST GROUP

[illegible]

SECTION 4 GOVERNOR GROUP

FIG. 400

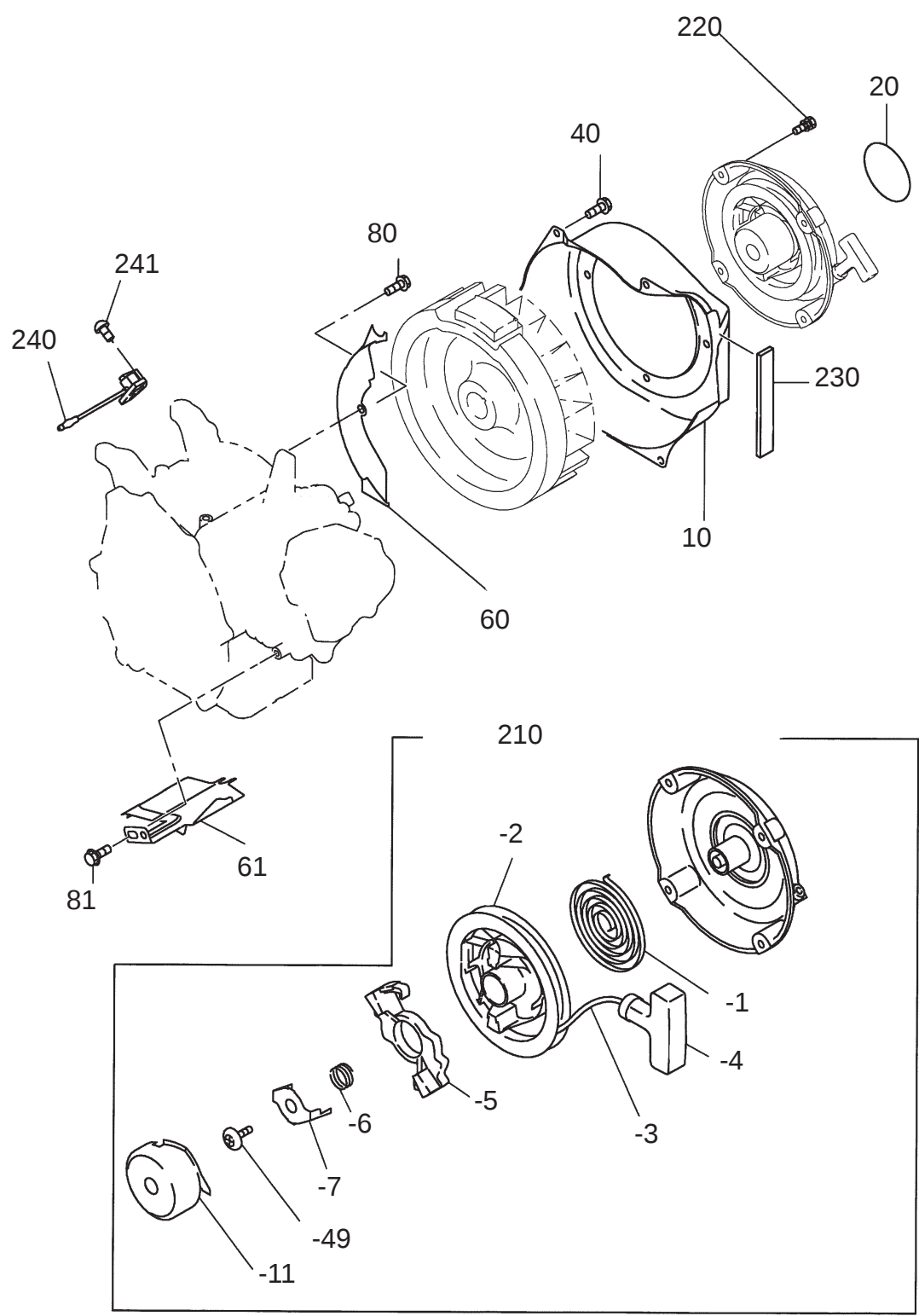


SECTION 4 GOVERNOR GROUP

[illegible]

SECTION 5 COOLING and STARTING GROUP

FIG. 500

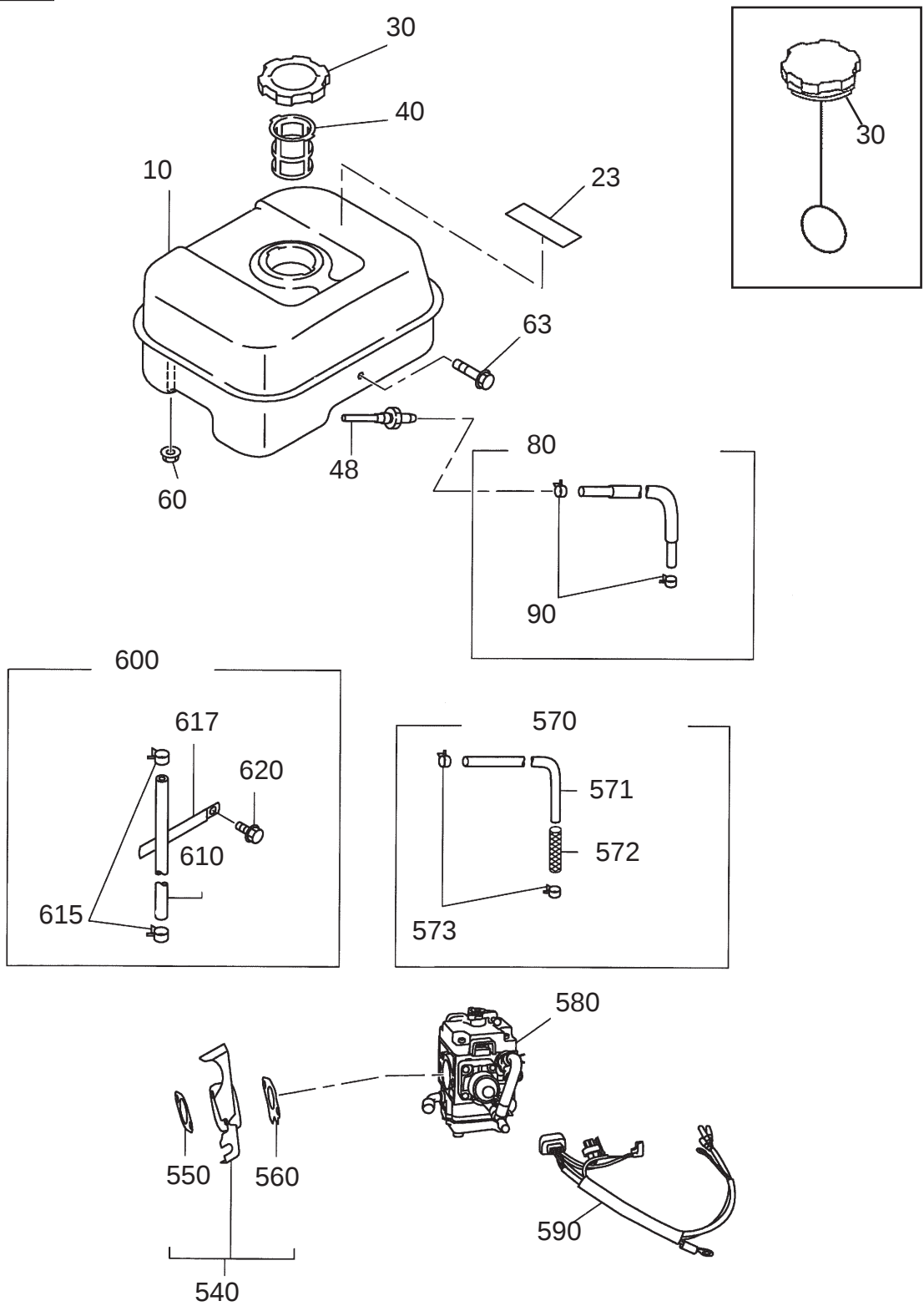


SECTION 5 COOLING and STARTING GROUP

[illegible]

SECTION 6 FUEL, LUBRICATION GROUP

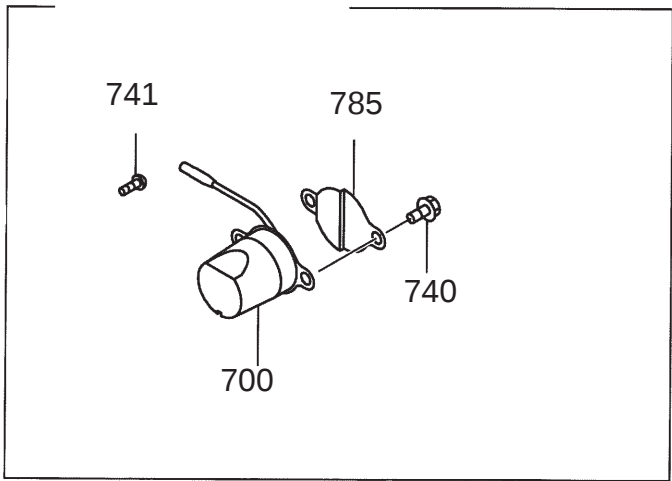
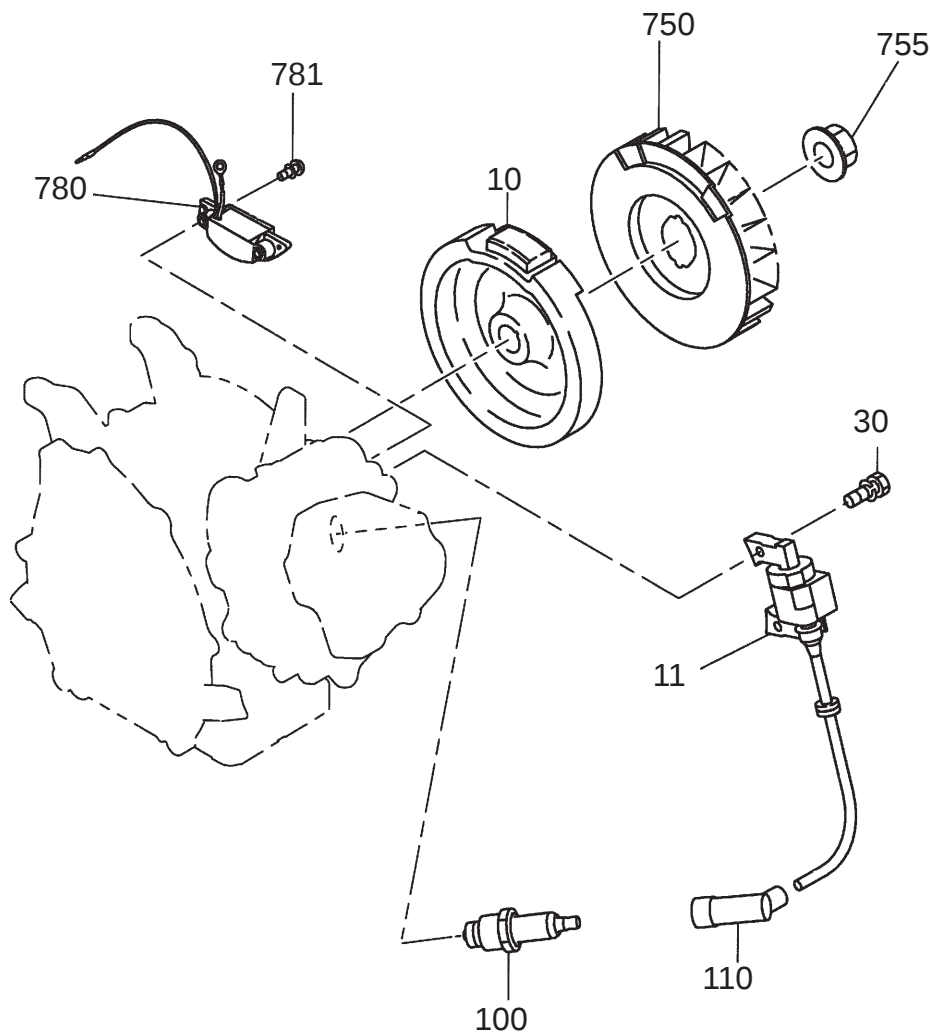
FIG. 600



SECTION 6 FUEL, LUBRICATION GROUP

[illegible]

FIG. 700

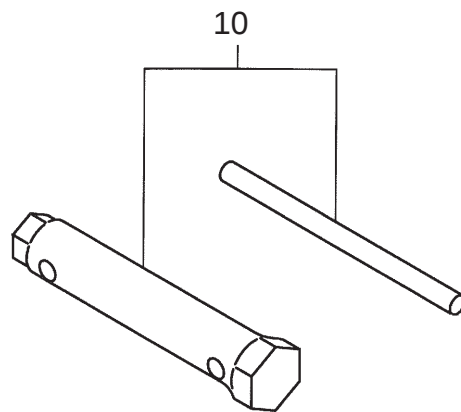


SECTION 7 ELECTRIC DEVICE GROUP

[illegible]

SECTION 9 ACCESSORY GROUP

FIG. 900



SECTION 9 ACCESSORY GROUP

[illegible]

FIG. 1000



SECTION 10 SHIP LOOSE

[illegible]

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