

PARTS MANUAL

Models

**EH035V
ENGINE**

PUB-EP0804
Rev. 09/04

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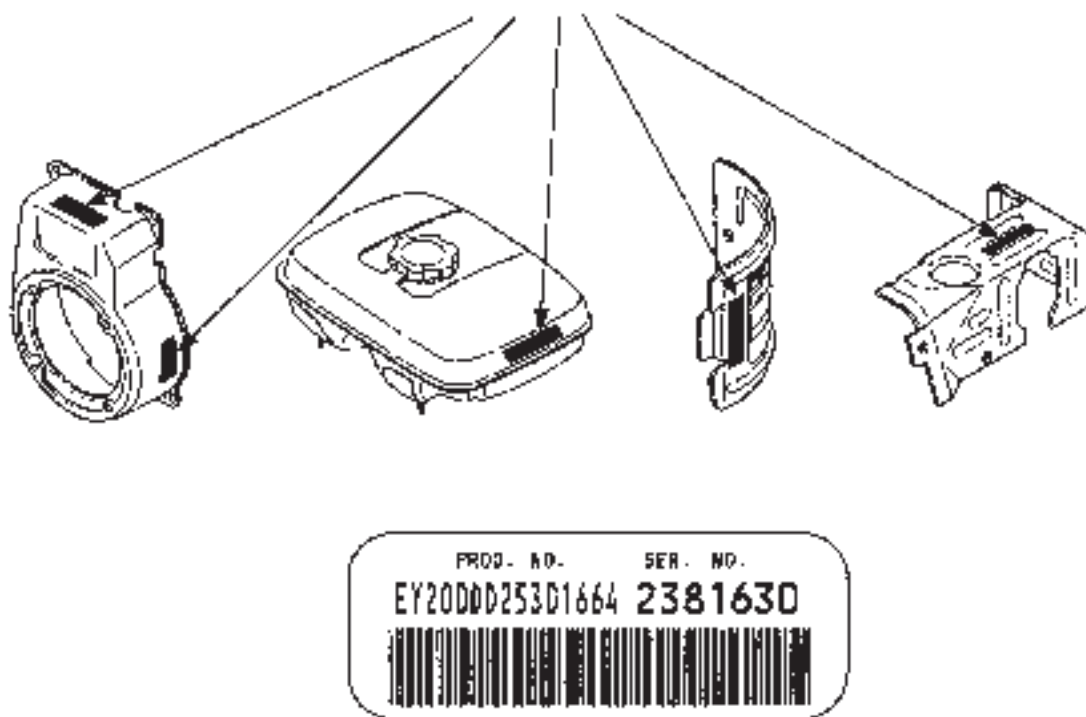
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HOW TO USE THIS MANUAL

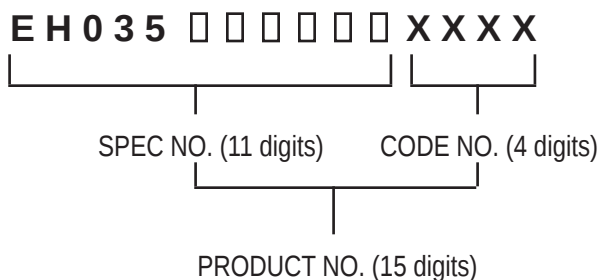
Robin engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant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

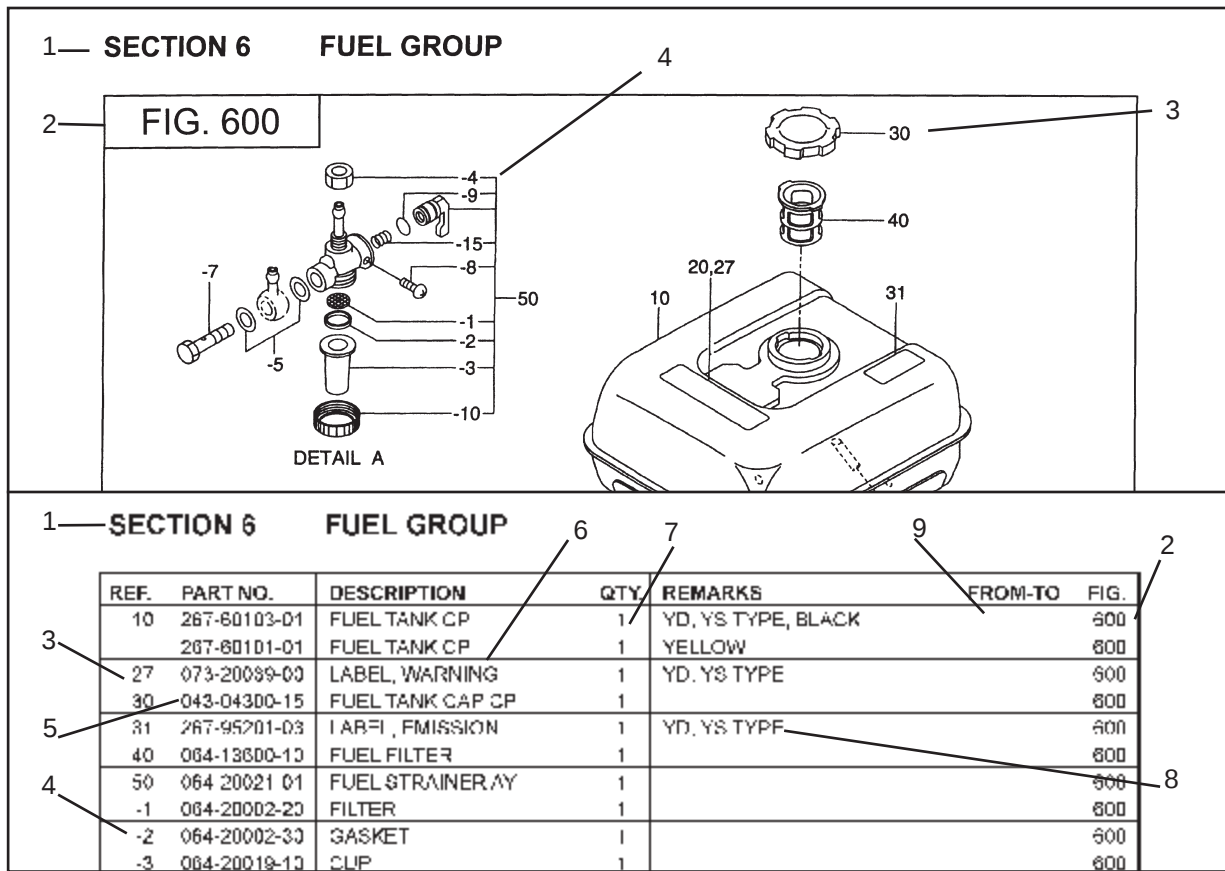
All Robin 4 cycle engines have a Product Number label similar to the label illustrated below.



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 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.

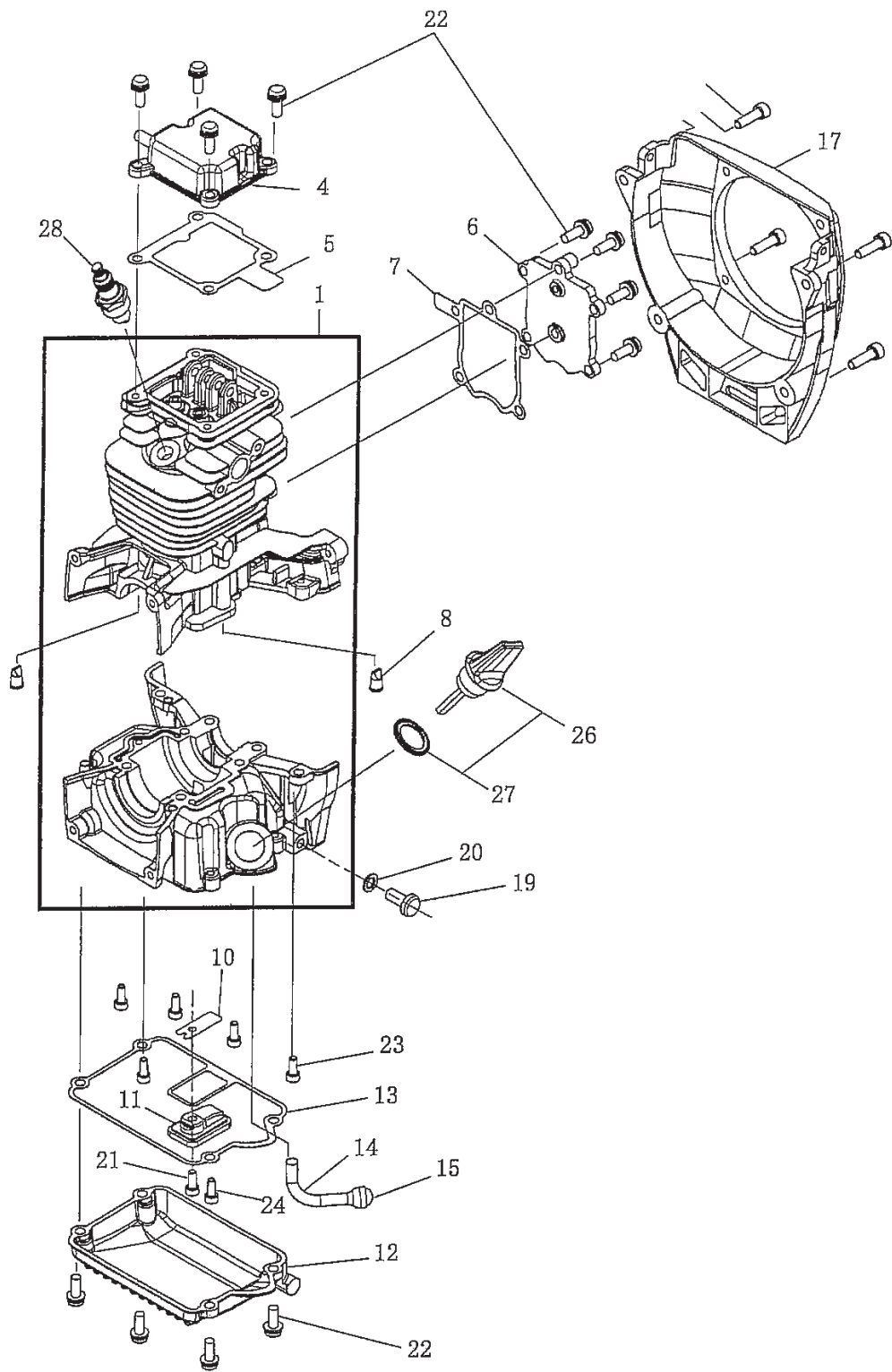
GROUP INDEX

Group Name	Page
CRANKCASE GROUP	6
CRANKSHAFT, PISTON GROUP	8
INTAKE and EXHAUST GROUP	10
COOLING and STARTING GROUP	12
FUEL, LUBRICANT GROUP	14
ELECTRIC DEVICE GROUP	16
CLUTCH GROUP	18
ACCESSORY GROUP	20

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

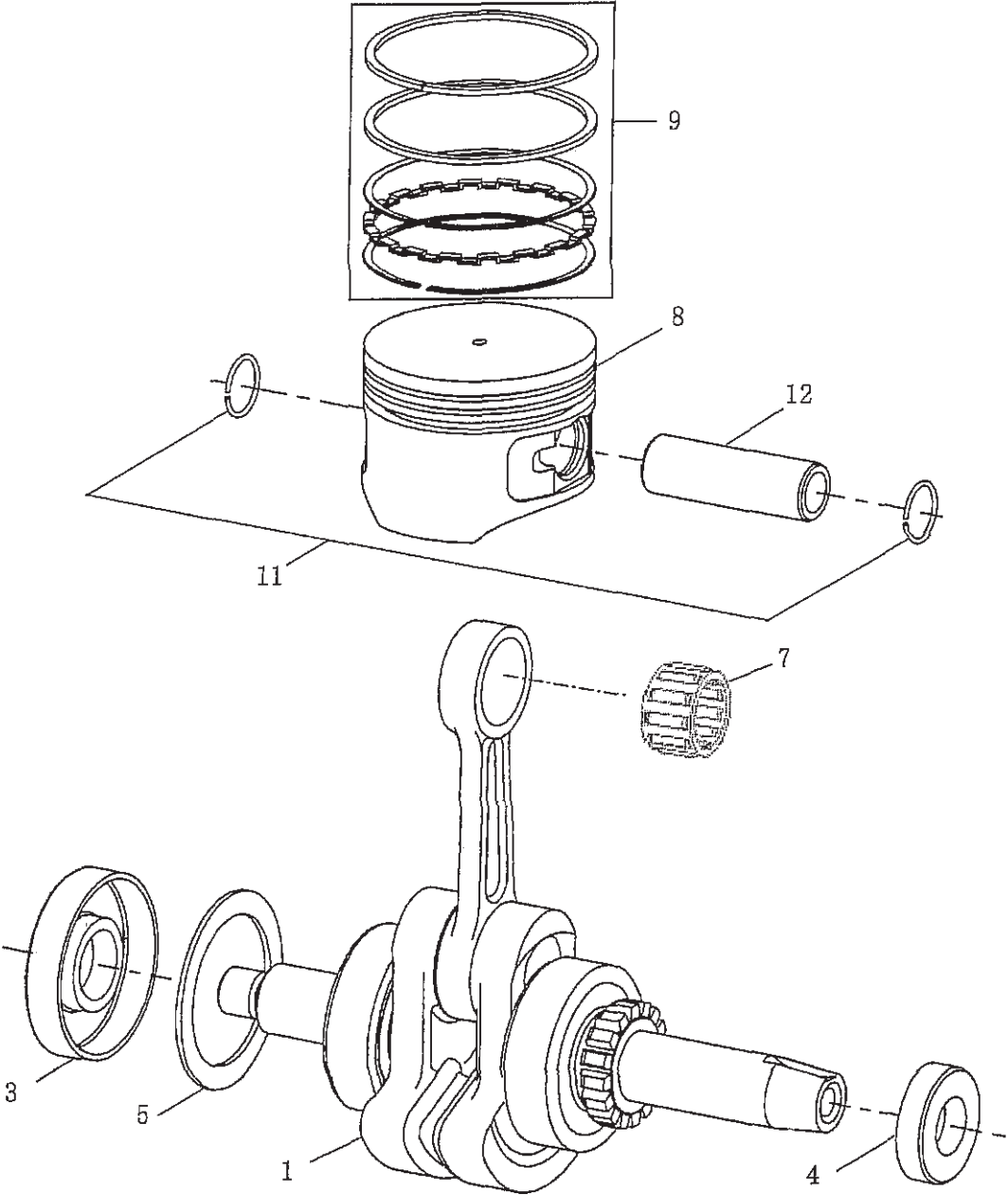
FIG. 100



SECTION 1 CRANKCASE GROUP

[illegible]

FIG. 200



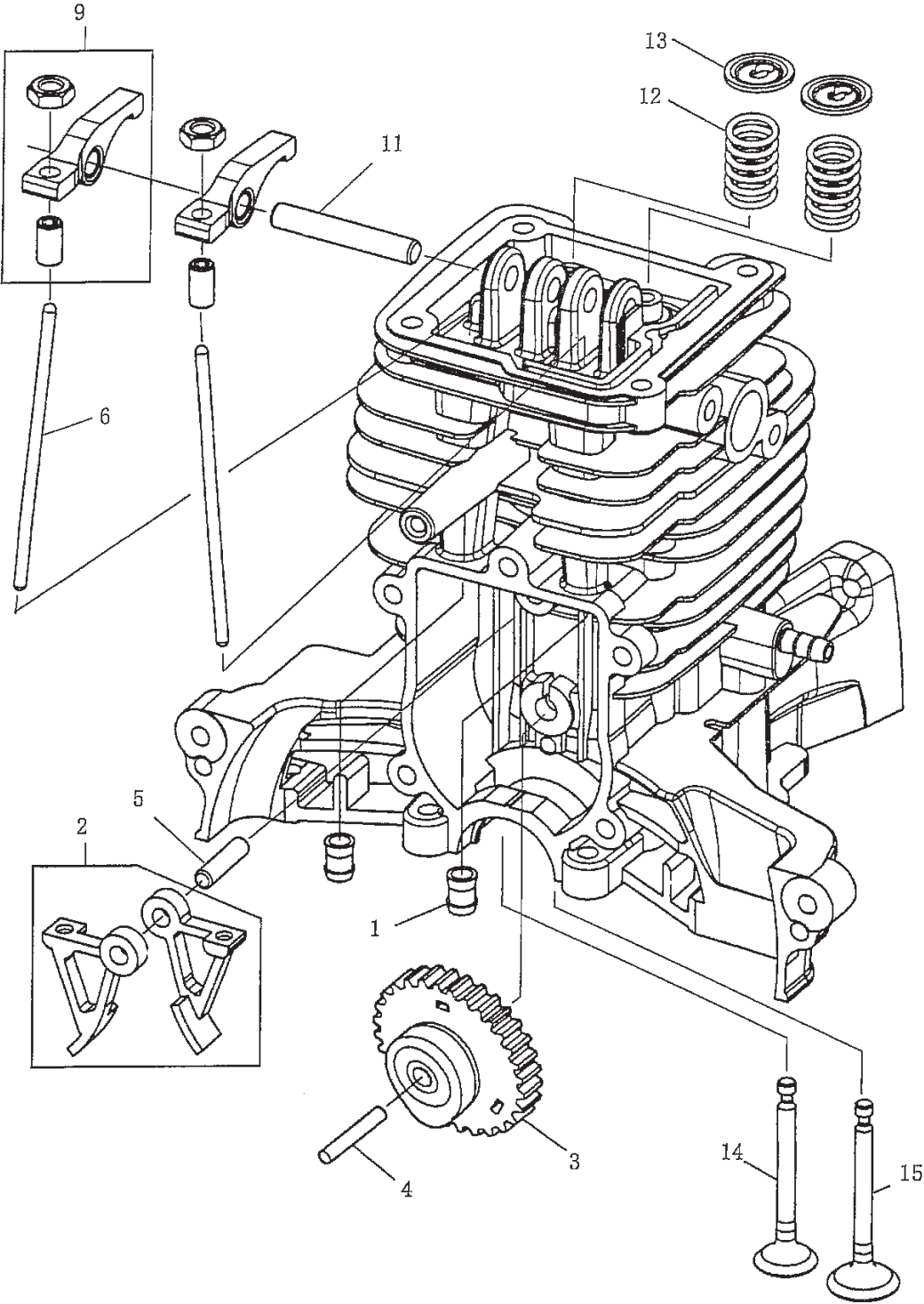
SECTION 2

CRANKSHAFT, PISTON GROUP

[illegible]

SECTION 3 CAMSHAFT GROUP

FIG. 300



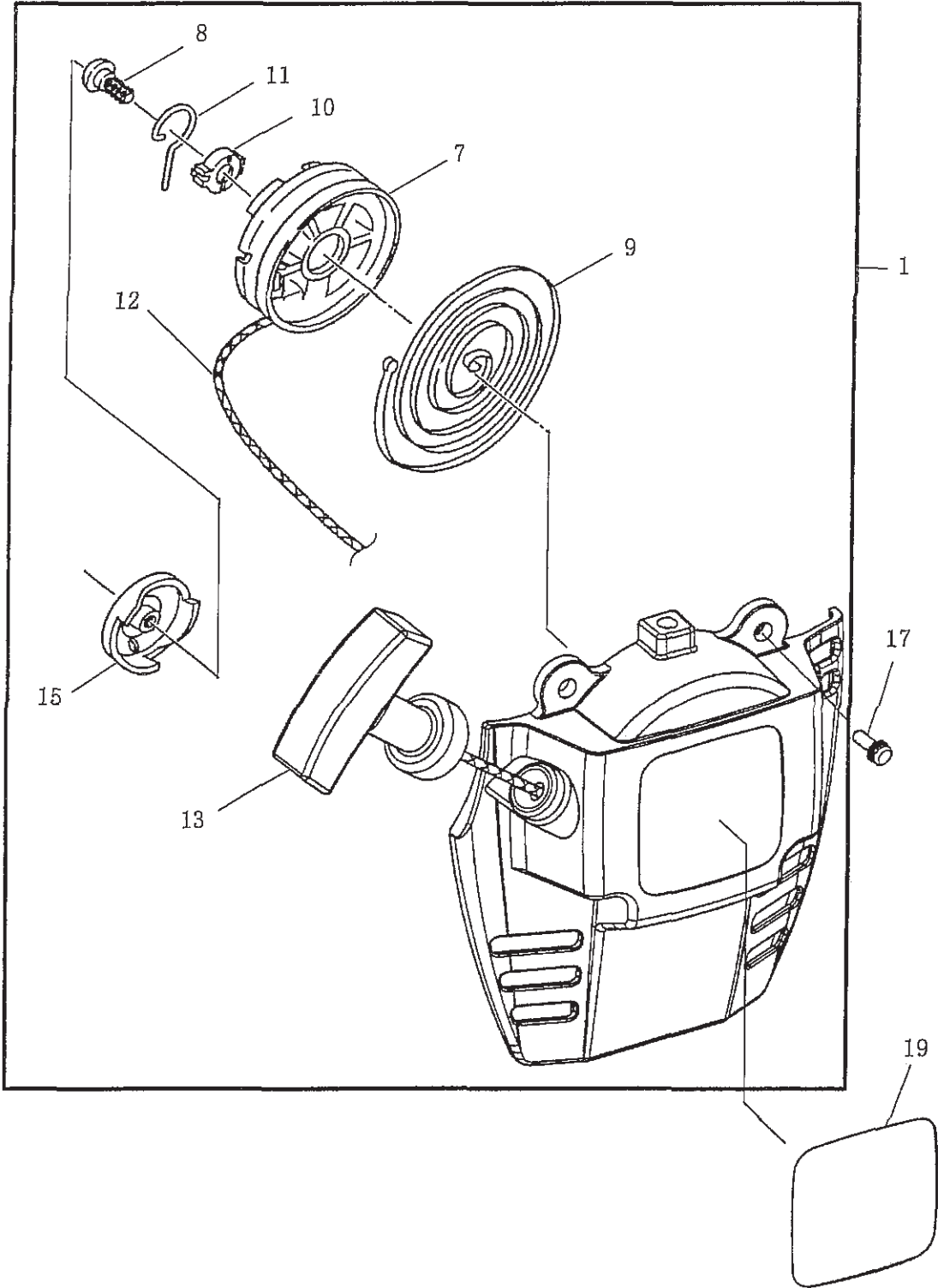
SECTION 3

CAMSHAFT GROUP

[illegible]

SECTION 4 RECOIL STARTER GROUP

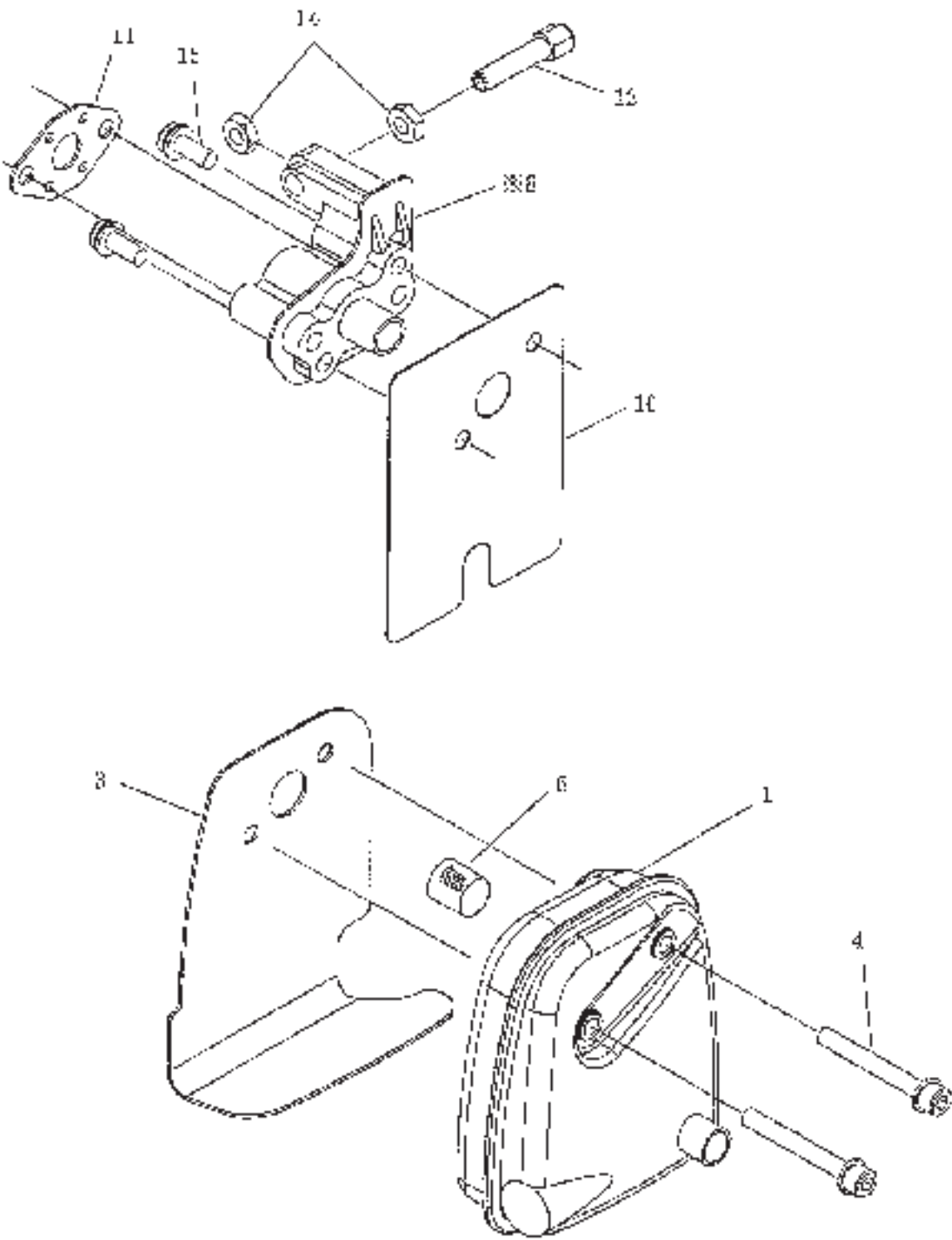
FIG. 400



SECTION 4 RECOIL STARTER GROUP

[illegible]

FIG. 500

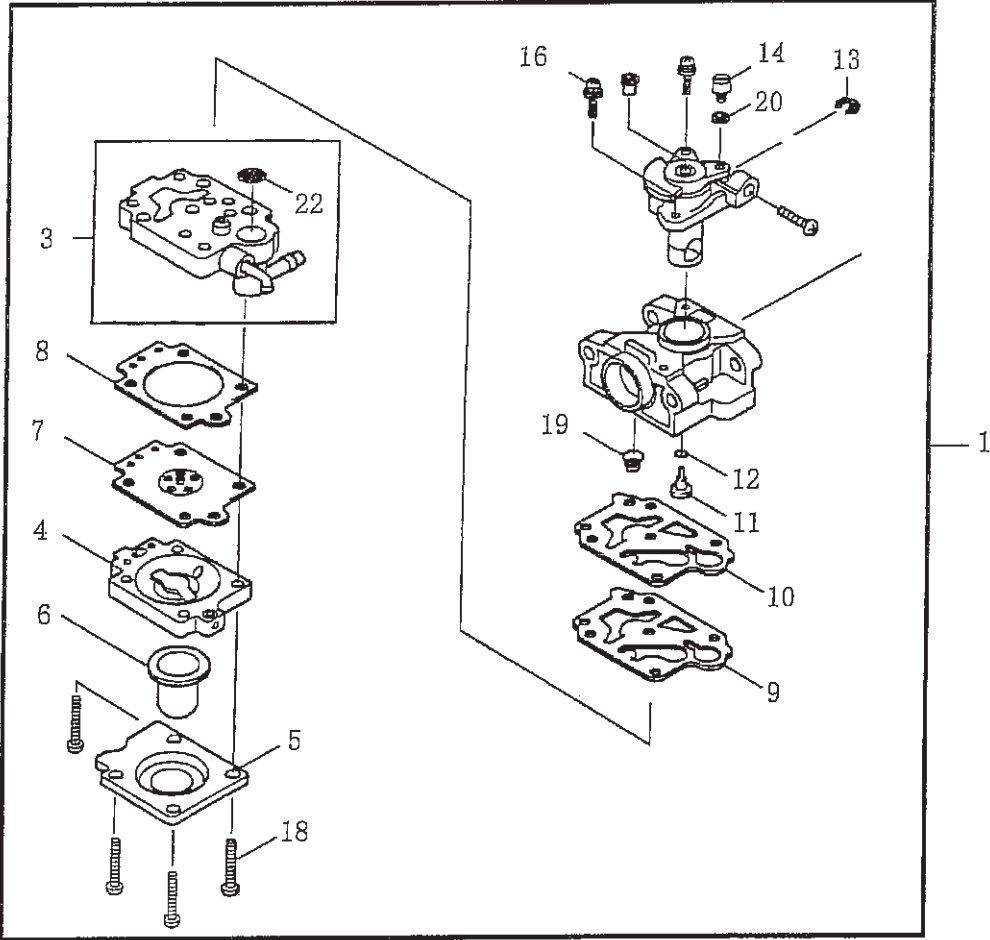


SECTION 5

MUFFLER & INSULATOR GROUP

[illegible]

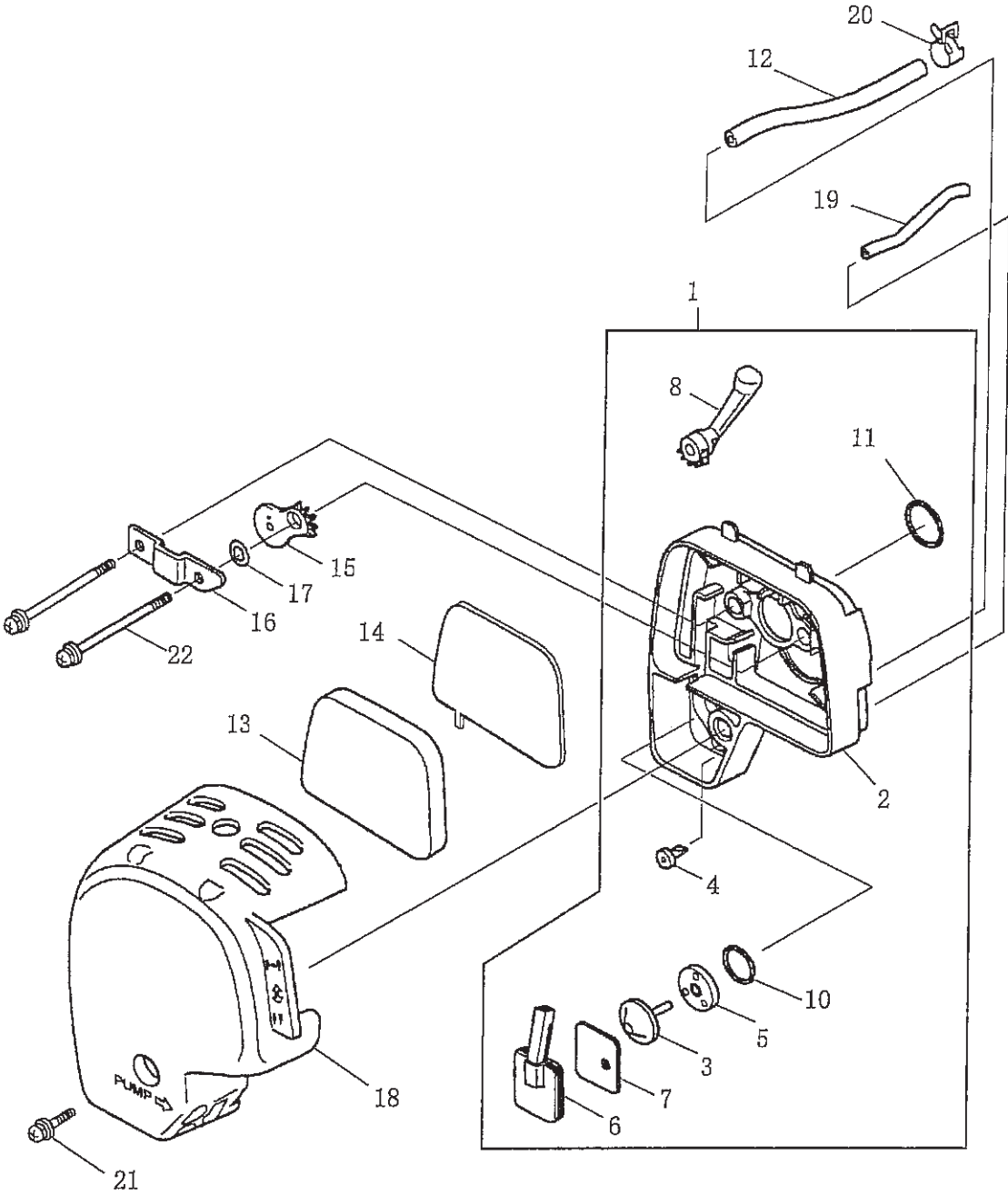
FIG. 600



SECTION 6 CARBURETOR GROUP

[illegible]

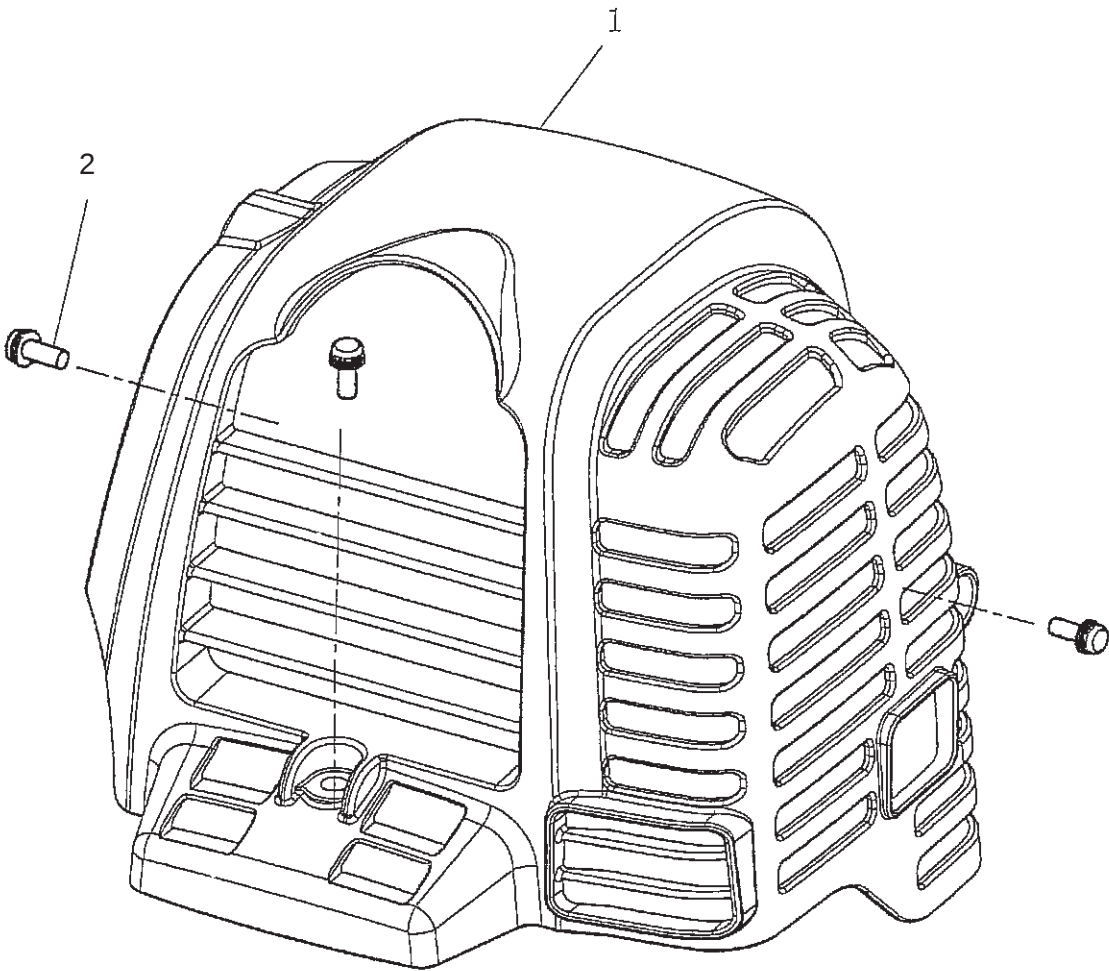
FIG. 700



SECTION 7 AIR CLEANER GROUP

[illegible]

FIG. 800

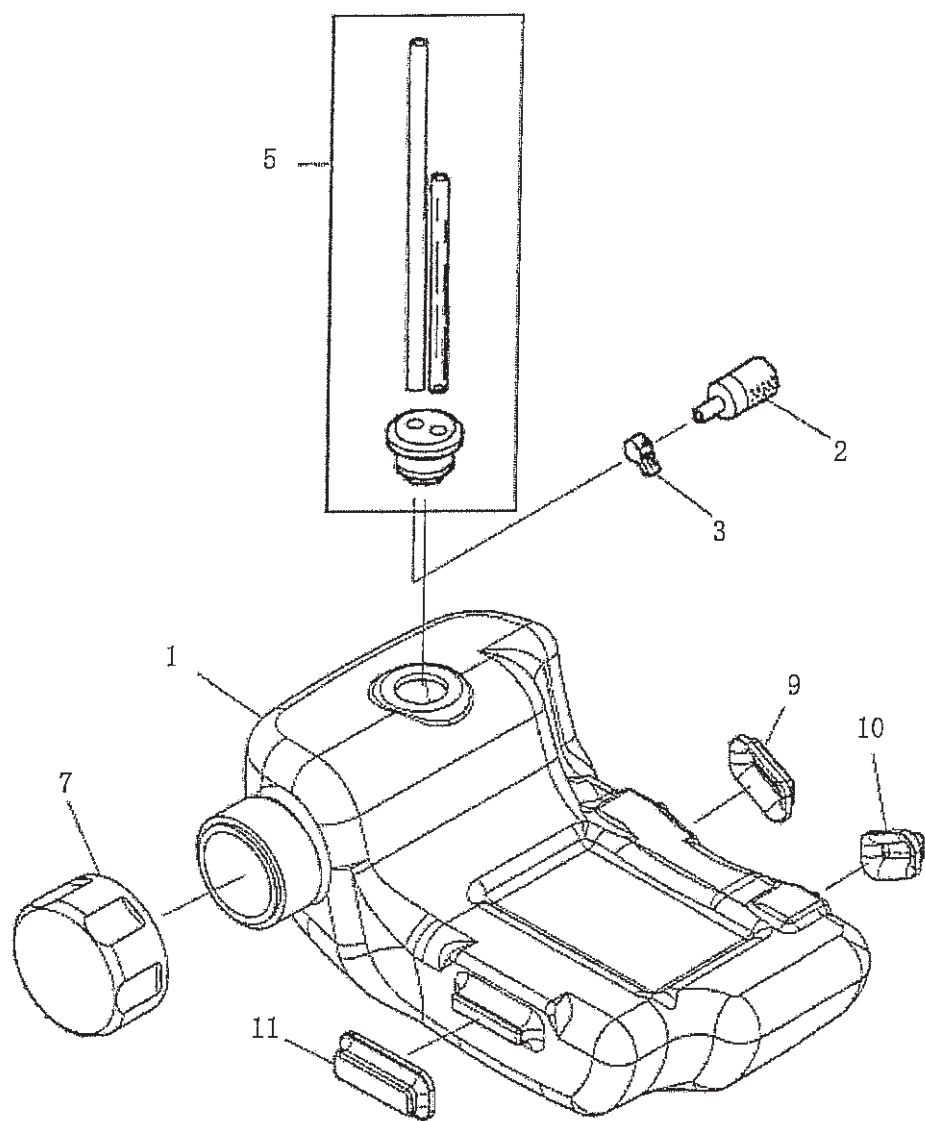


SECTION 8

CYLINDER COVER GROUP

[illegible]

FIG. 900

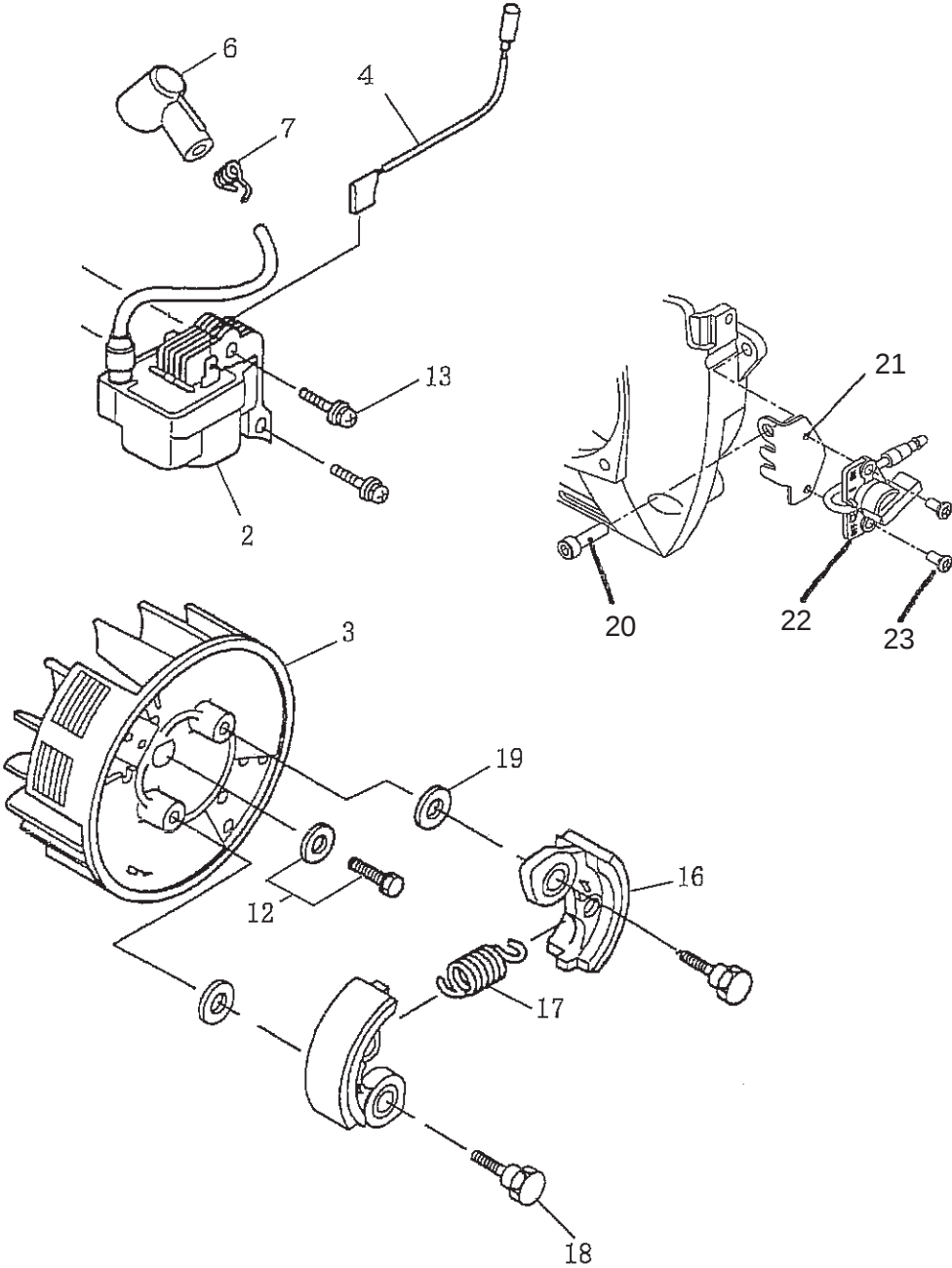


SECTION 9 FUEL TANK GROUP

[illegible]

SECTION 10 FLYWHEEL & CLUTCH GROUP

FIG. 1000

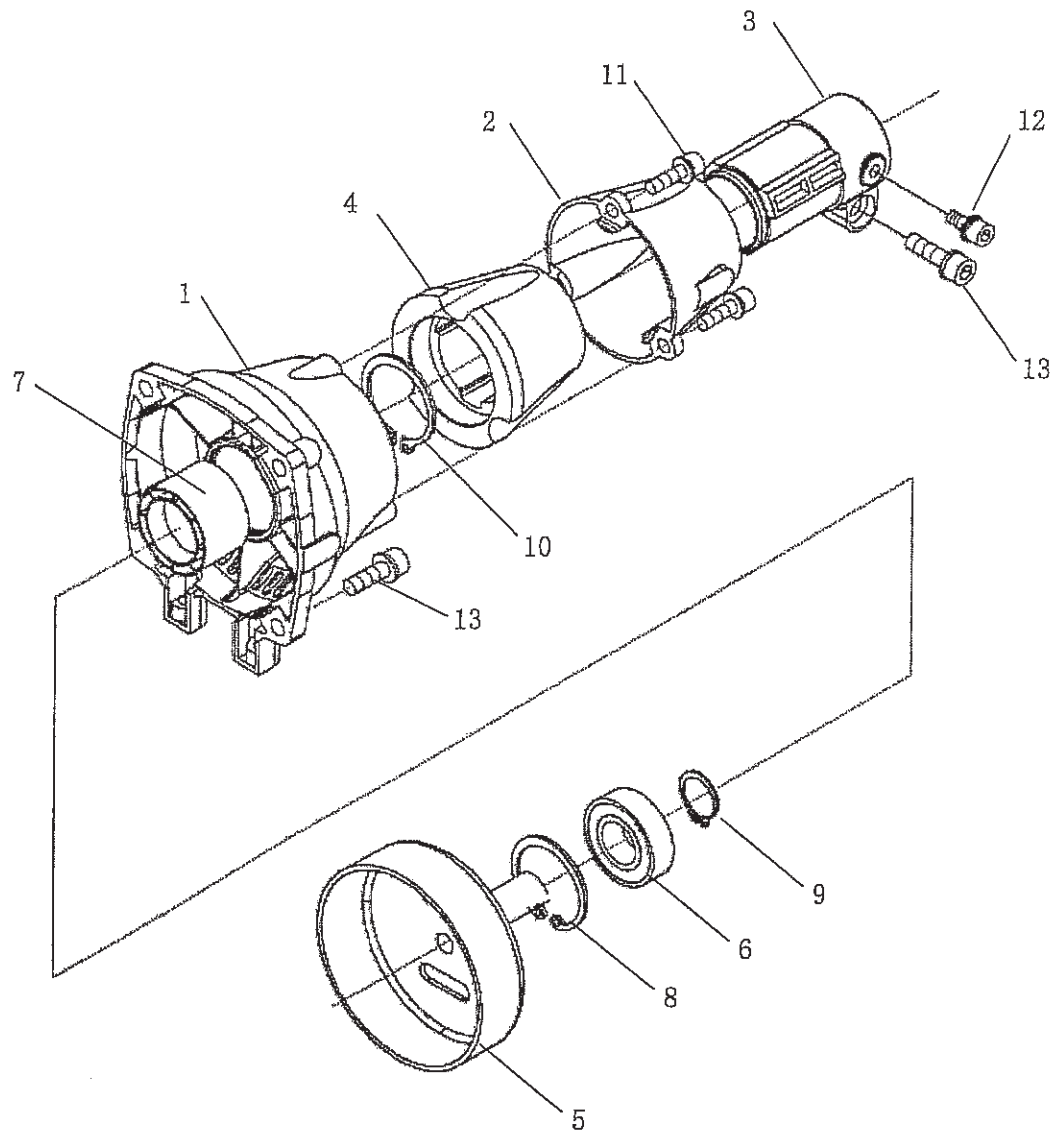


SECTION 10 FLYWHEEL & CLUTCH GROUP

[illegible]

SECTION 11 CLUTCH CASE GROUP

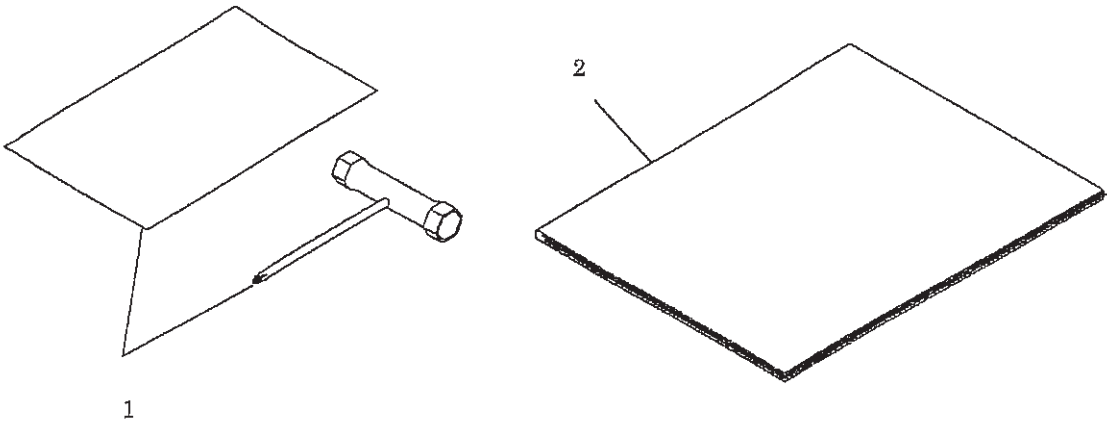
FIG. 1100



SECTION 11 CLUTCH CASE GROUP

[illegible]

FIG. 1200



SECTION 12 ACCESSORIES GROUP

[illegible]

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