



PARTS MANUAL

Models

**EX40
ENGINES**



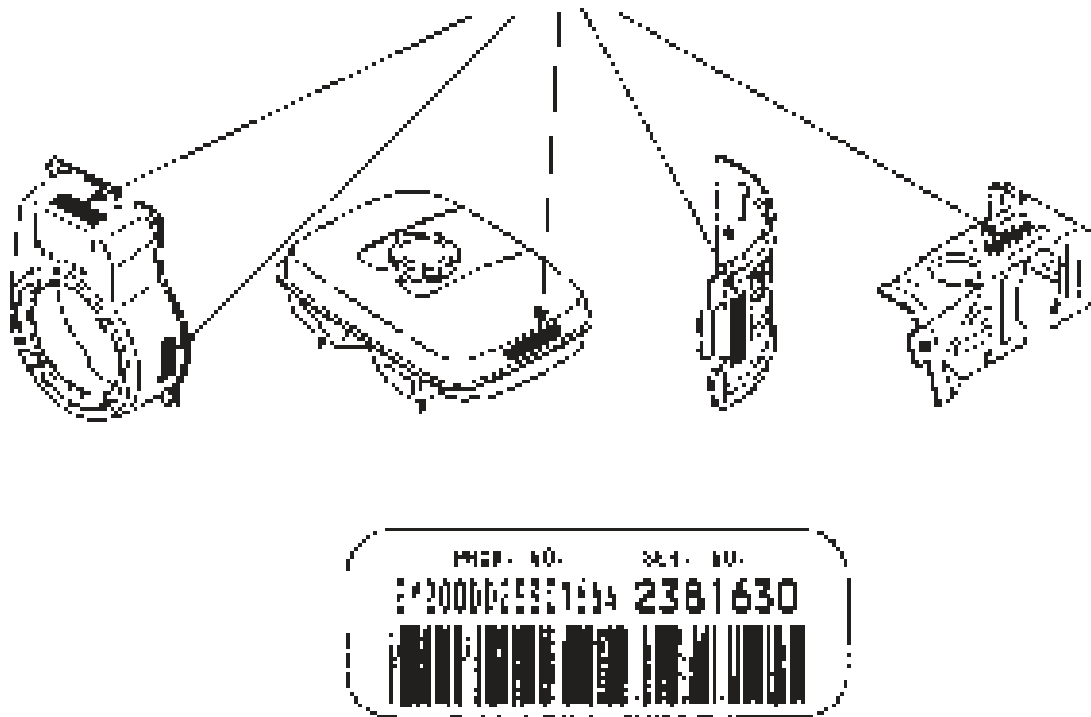
HOW TO USE THIS MANUAL



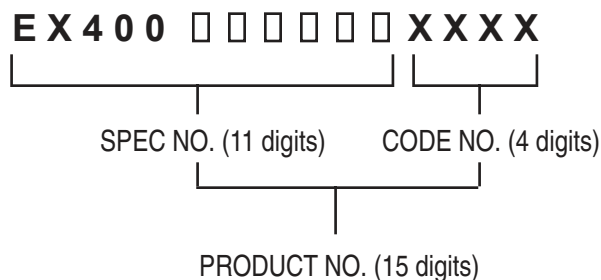
Robin engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant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



1— SECTION 6 FUEL GROUP

2— FIG. 000

DETAIL 4

1— SECTION 6 FUEL GROUP

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5

4

REF. NO.	PART NO.	DESCRIPTION	QTY	REMARKS	FROM-TO
1	2101-0001	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
2	2101-0002	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
3	2101-0003	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
4	2101-0004	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
5	2101-0005	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
6	2101-0006	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
7	2101-0007	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
8	2101-0008	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
9	2101-0009	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
10	2101-0010	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
11	2101-0011	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
12	2101-0012	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
13	2101-0013	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
14	2101-0014	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
15	2101-0015	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
16	2101-0016	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
17	2101-0017	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
18	2101-0018	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
19	2101-0019	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
20	2101-0020	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
21	2101-0021	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
22	2101-0022	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
23	2101-0023	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
24	2101-0024	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
25	2101-0025	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
26	2101-0026	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
27	2101-0027	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
28	2101-0028	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
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31	2101-0031	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
32	2101-0032	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
33	2101-0033	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
34	2101-0034	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
35	2101-0035	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
36	2101-0036	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
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71	2101-0071	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
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74	2101-0074	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
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86	2101-0086	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
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90	2101-0090	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
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93	2101-0093	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
94	2101-0094	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
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96	2101-0096	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
97	2101-0097	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
98	2101-0098	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
99	2101-0099	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1
100	2101-0100	FUEL GROUP	1	Y 1/2 1/2 1/2 1/2	1

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- SECTION NAME** Parts are broadly classified according to their functions. Refer to the Group Index (table of contents) for respective section name.
- 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).
- REF. No .** The Reference number identifies the part illustration with the corresponding part number in the part list.
- 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".
- PART NUMBER** It is the number assigned for sales unit. Use the PART No. when making an order.
- DESCRIPTION** It is designation of the part.
- QTY.** Quantity of each part used for each product.
- 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.
- 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.



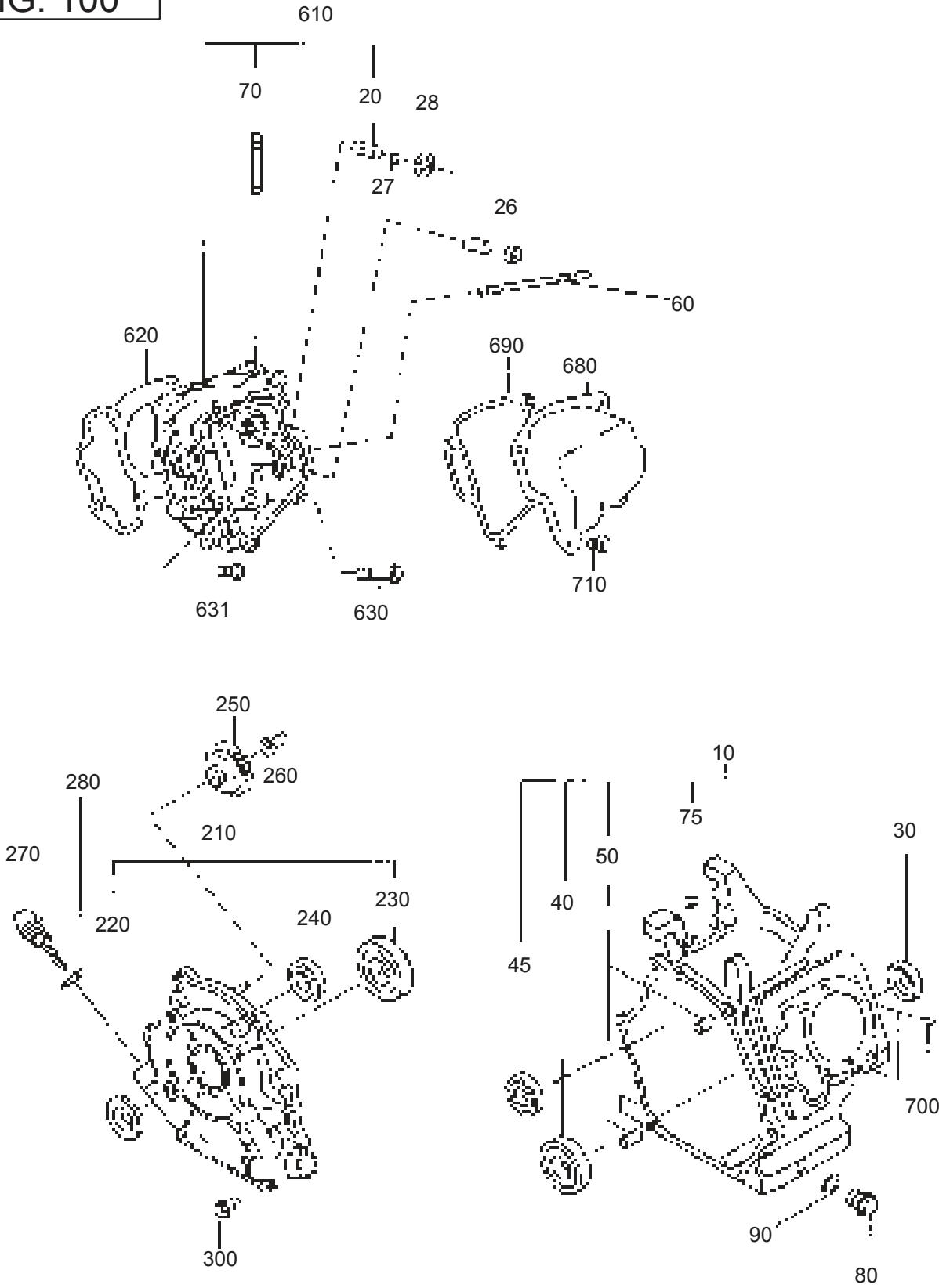
GROUP INDEX

Group Name	Page
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ELECTRIC DEVICE GROUP	22
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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



FIG. 100



Remarks

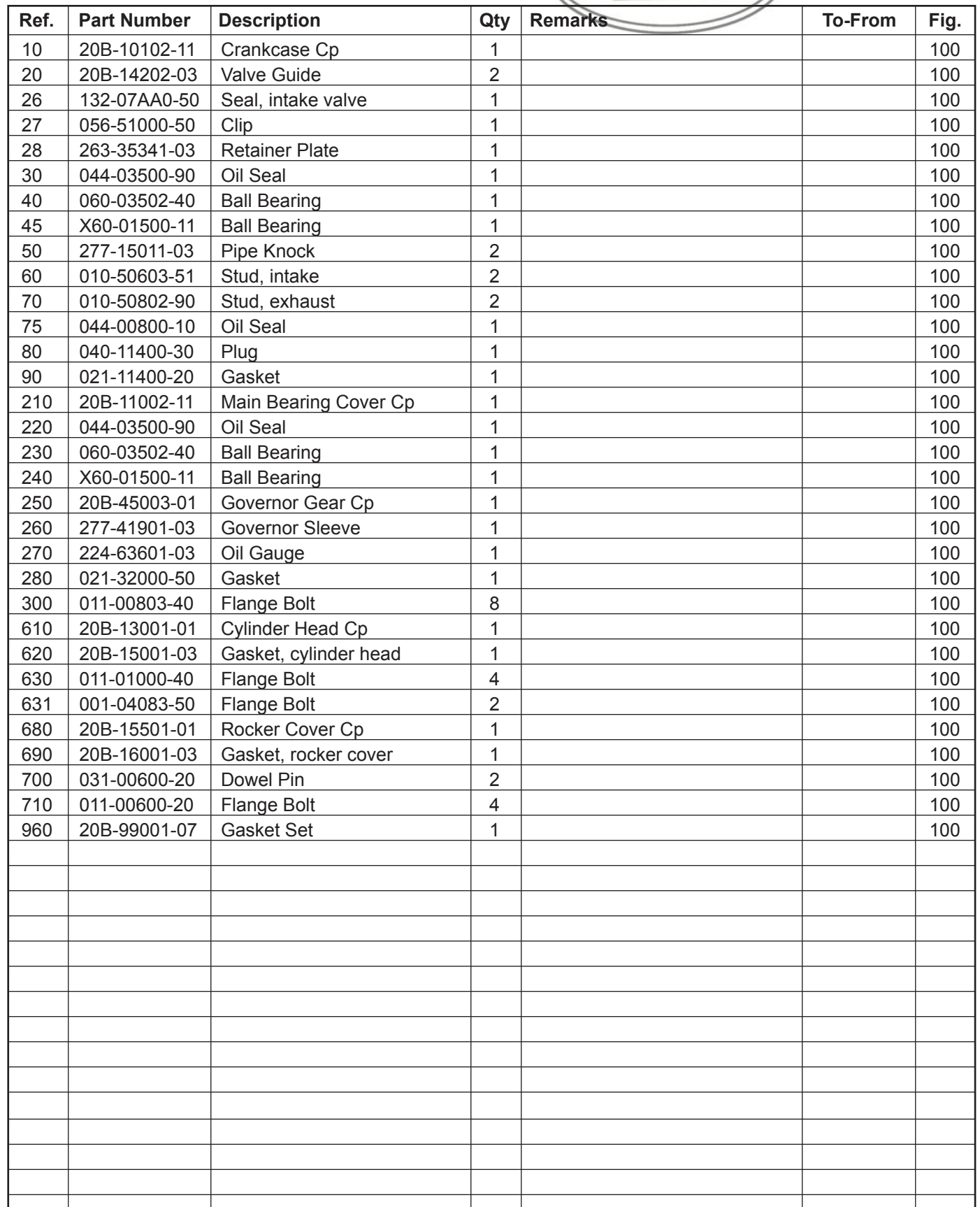
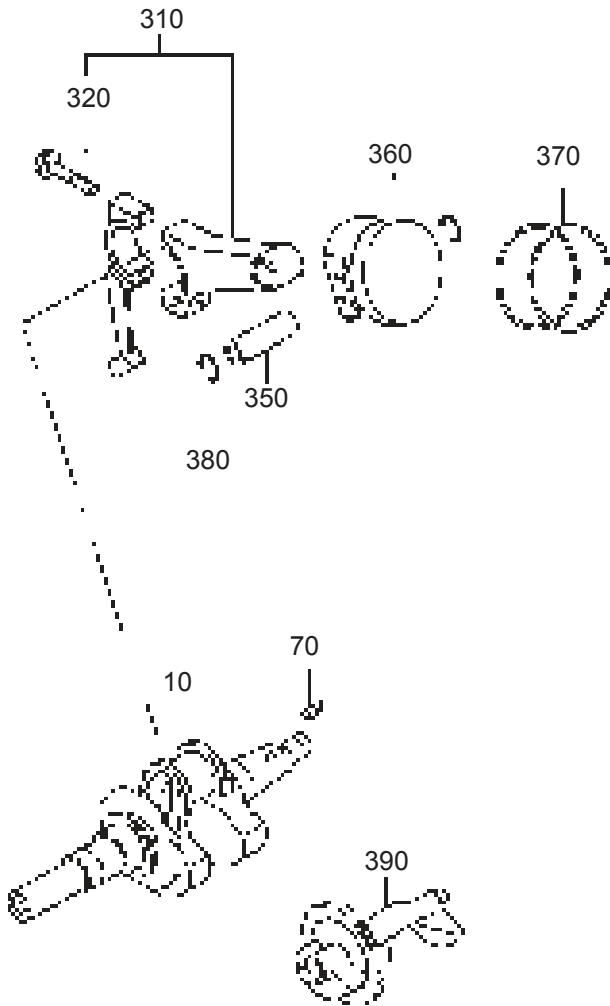




FIG. 200



Remarks

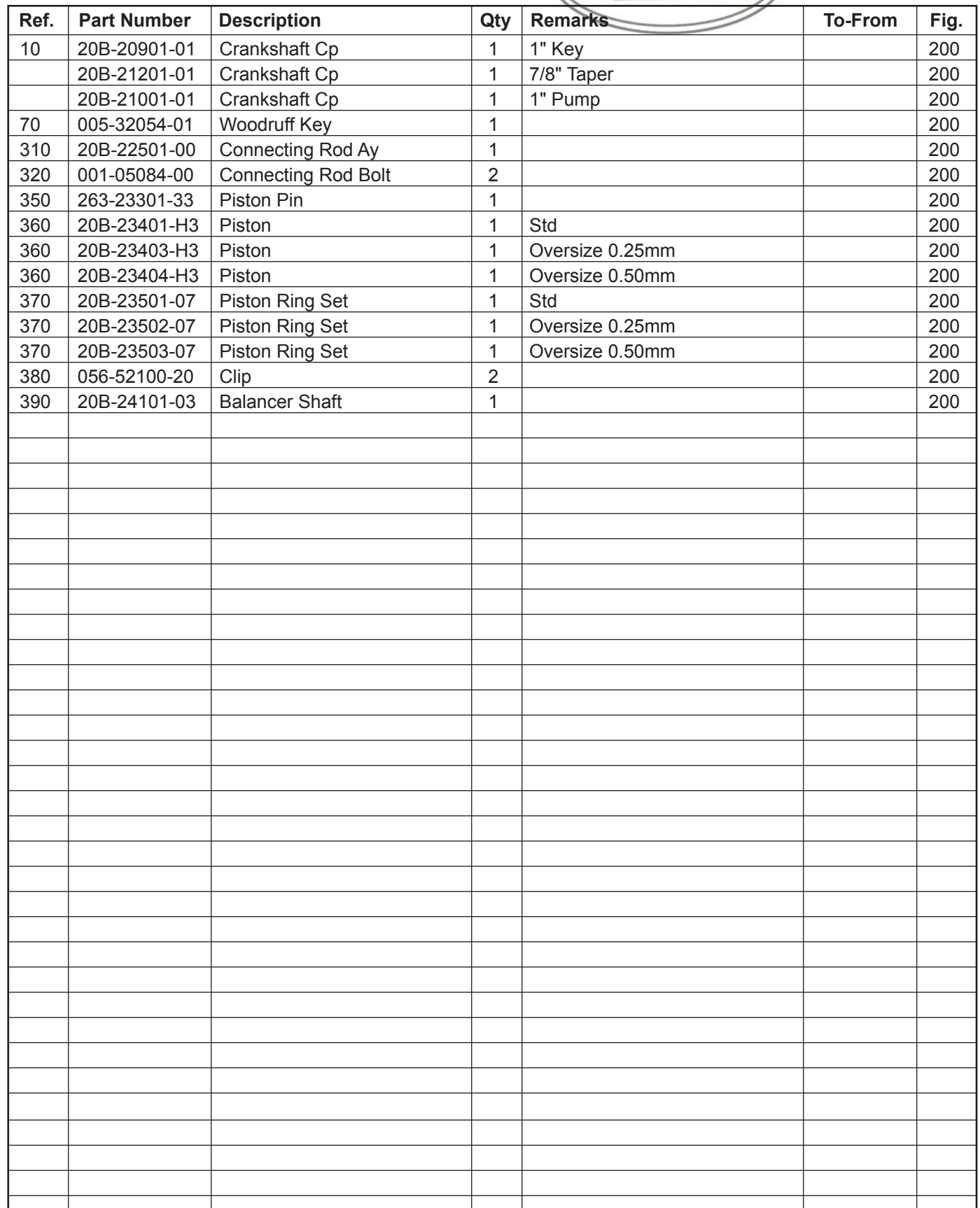
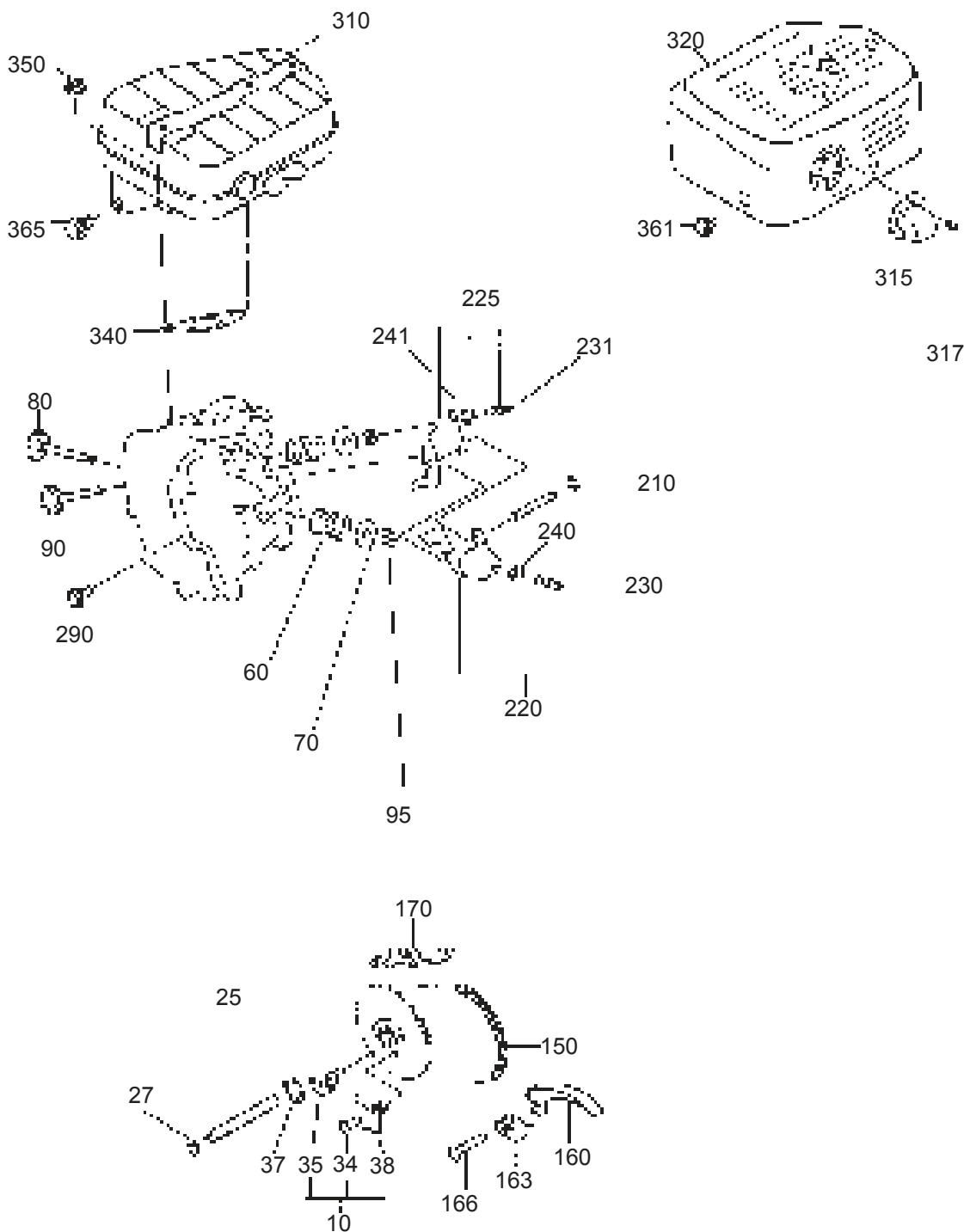




FIG. 300



[illegible]



FIG. 310

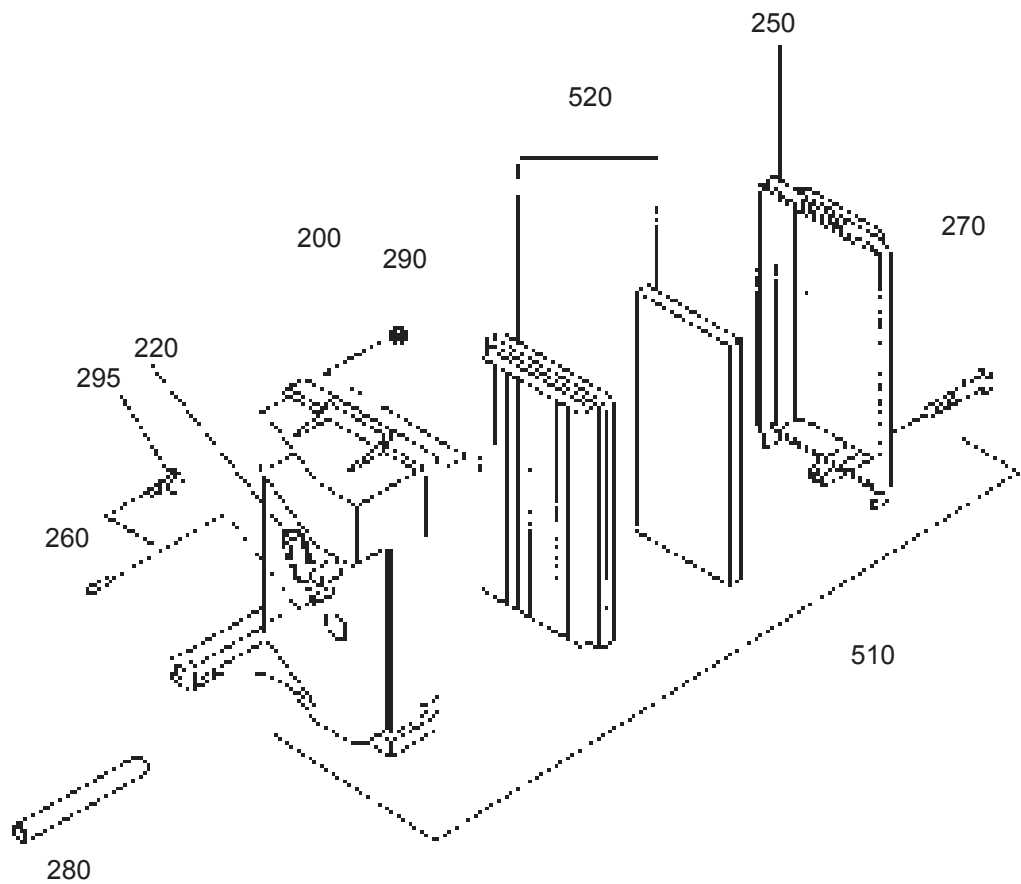
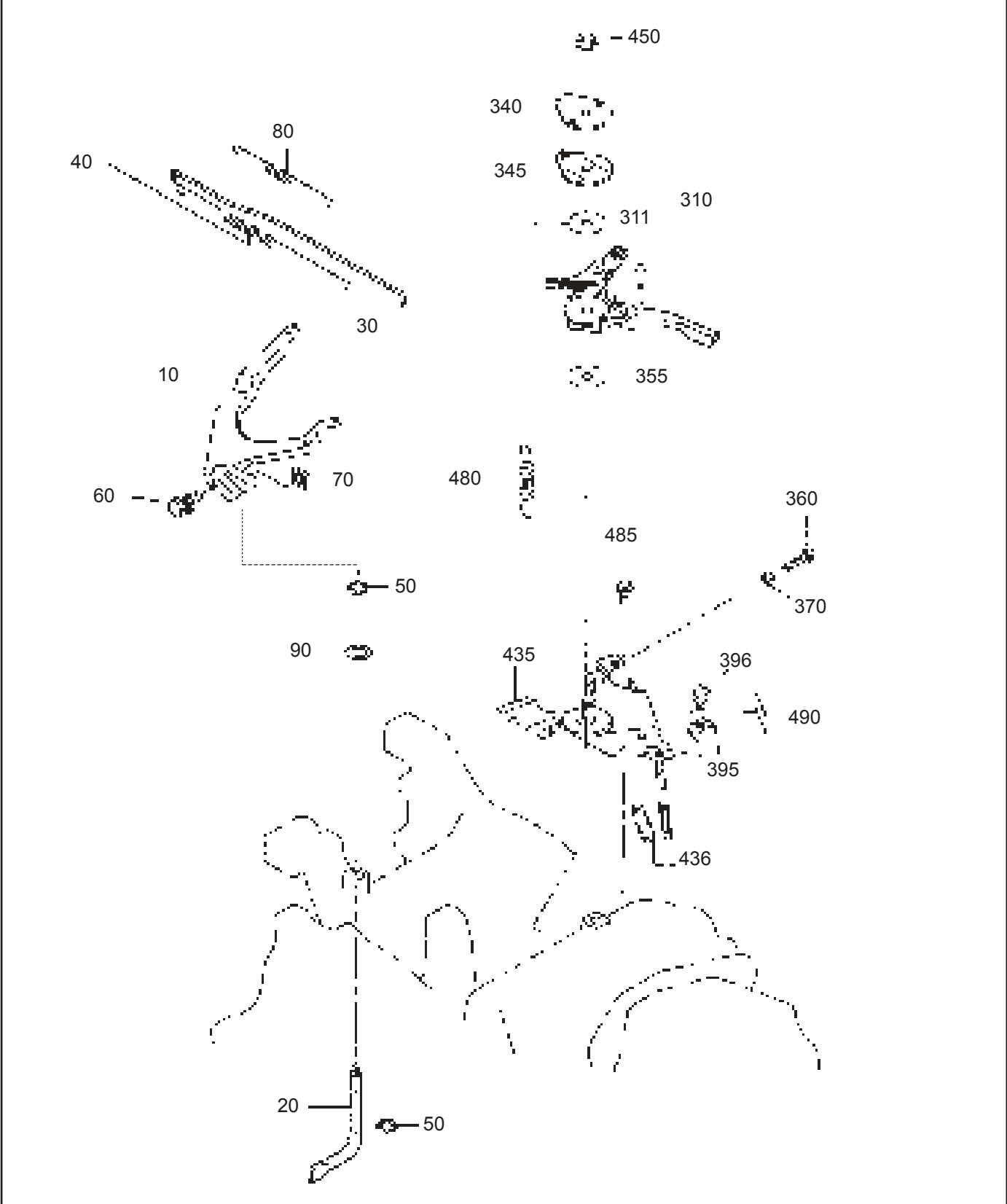




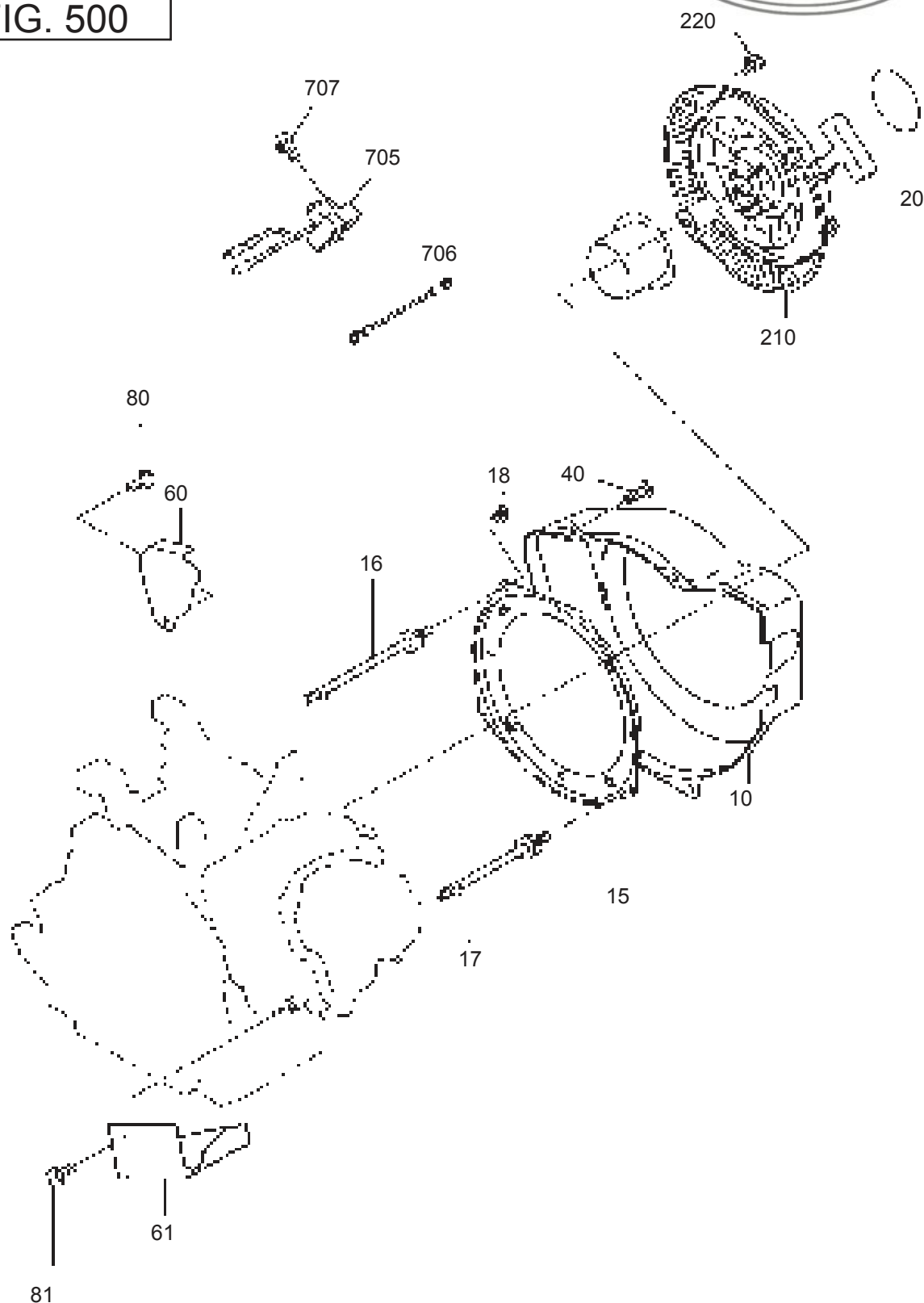
FIG. 400



Remarks

EX40

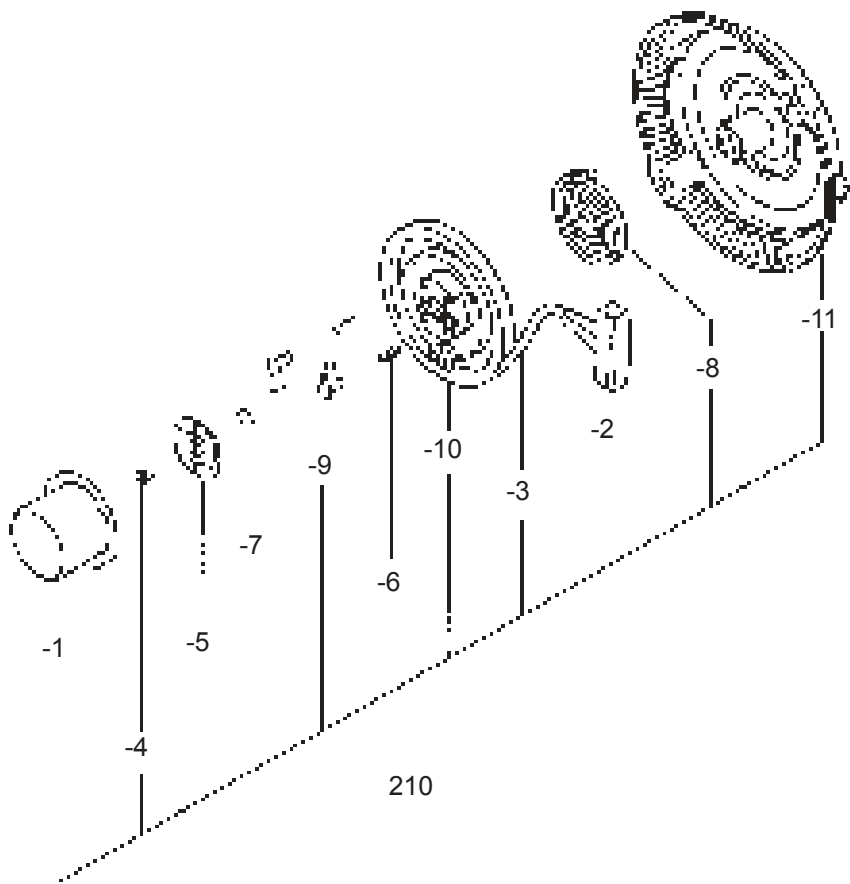
FIG. 500



[illegible]

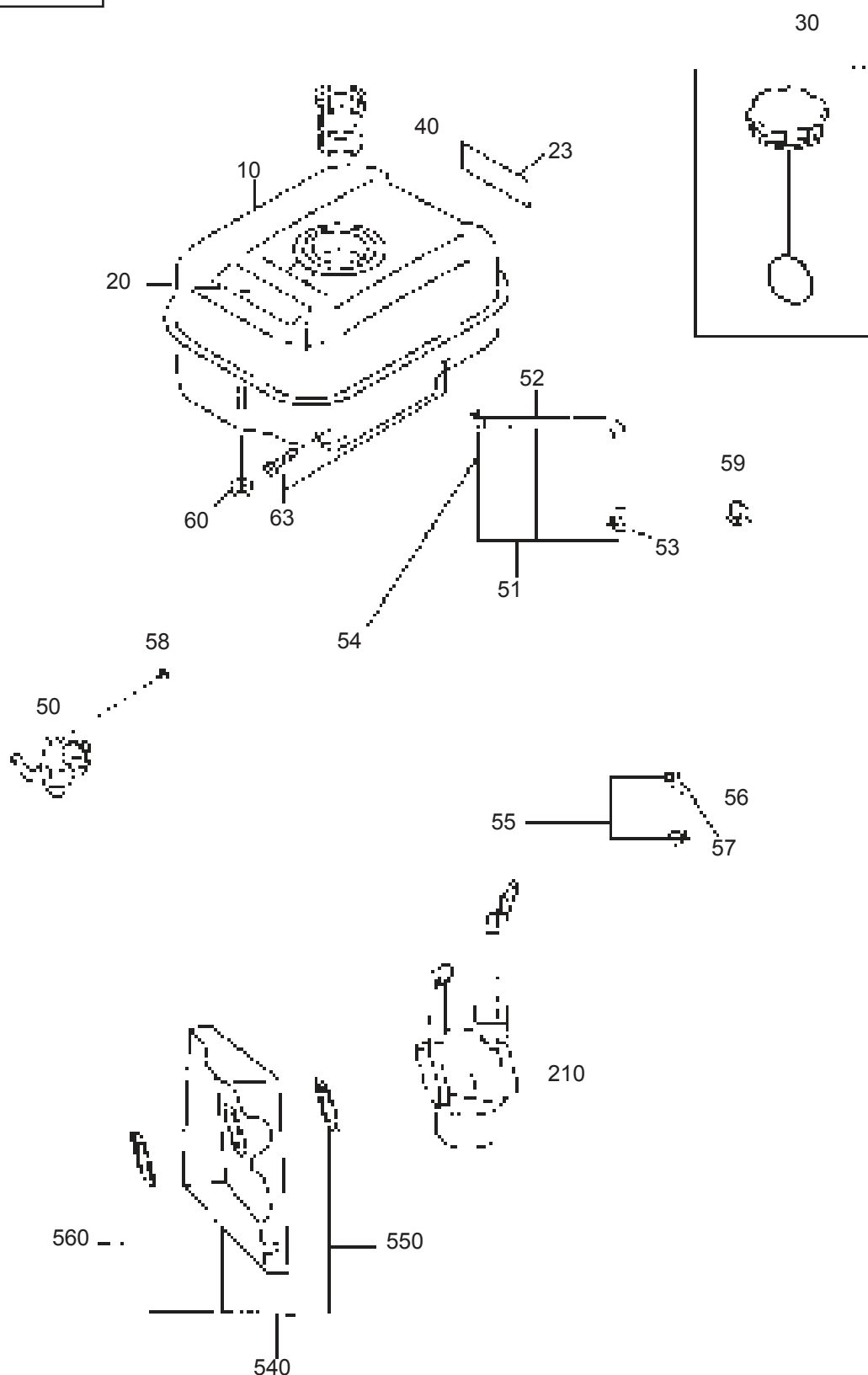


FIG. 520



[illegible]

FIG. 600



[illegible]



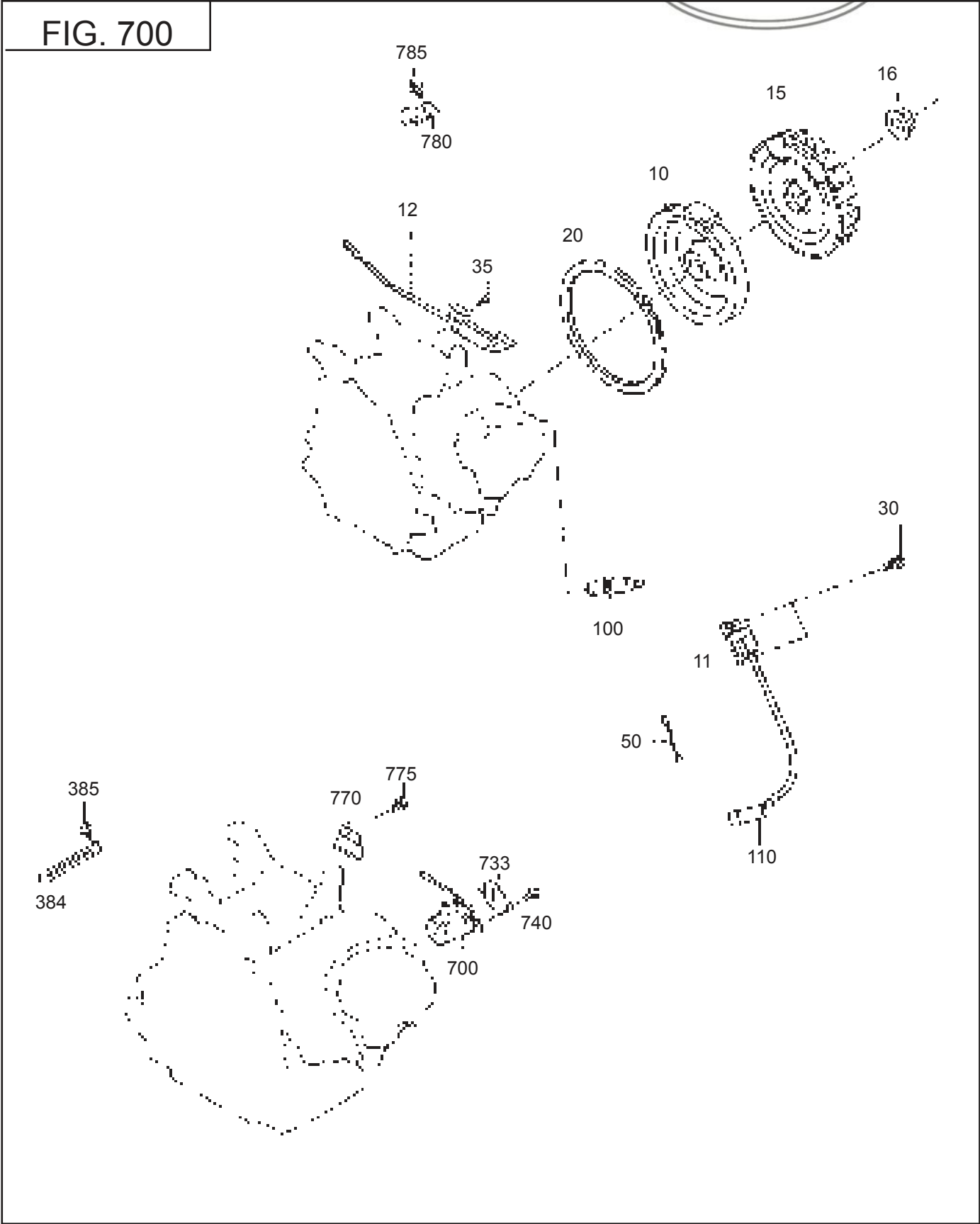
FIG. 610

FUEL, LUBRICATION GROUP





FIG. 700

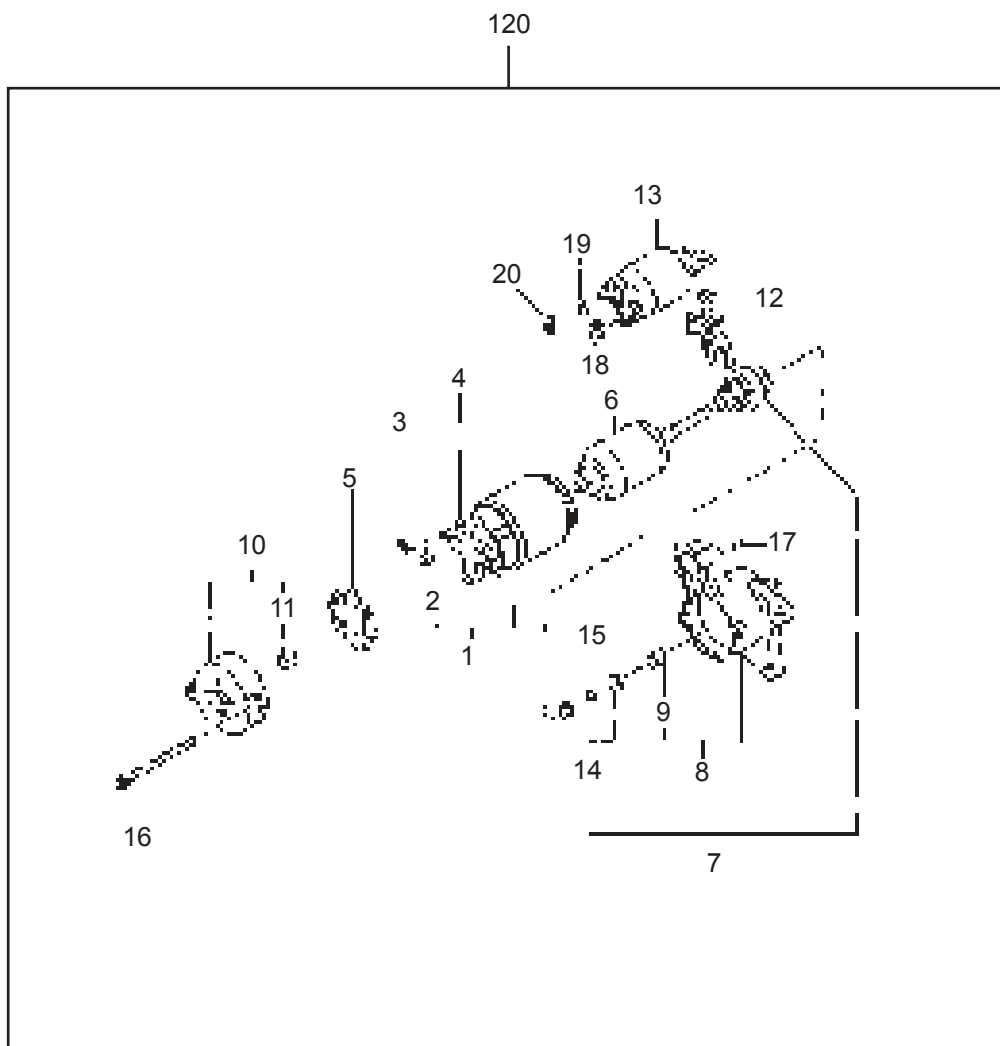


ELECTRIC DEVICE GROUP

[illegible]



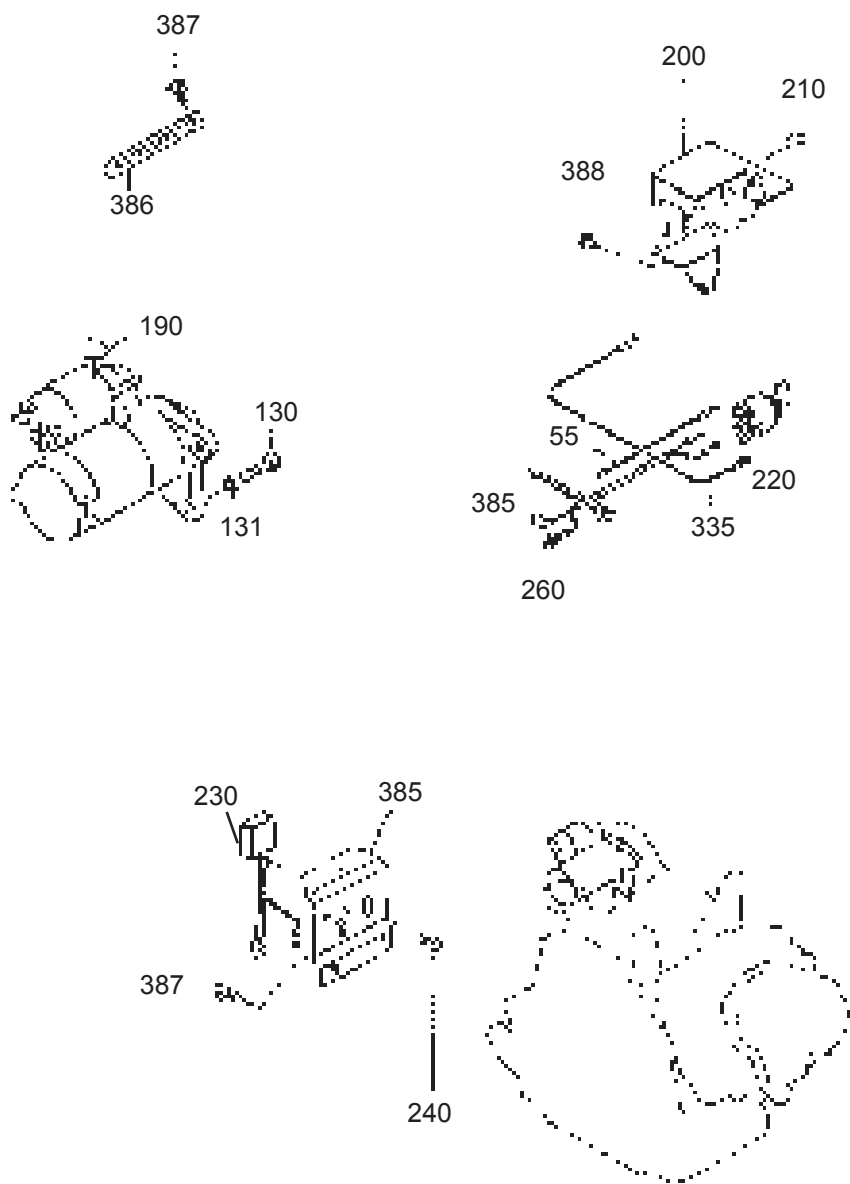
FIG. 710



[illegible]



FIG. 720



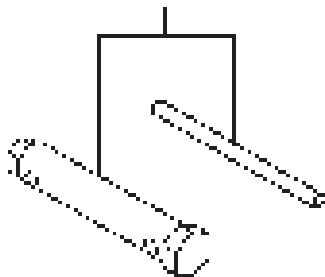
UP - CONTROL BOX

Remarks

[illegible]



FIG. 900



Remarks

EX40