

PARTS MANUAL

Model

**RGX3600
Generator**

PUB-GP6473
Rev. 11/07

Robin America, Inc.

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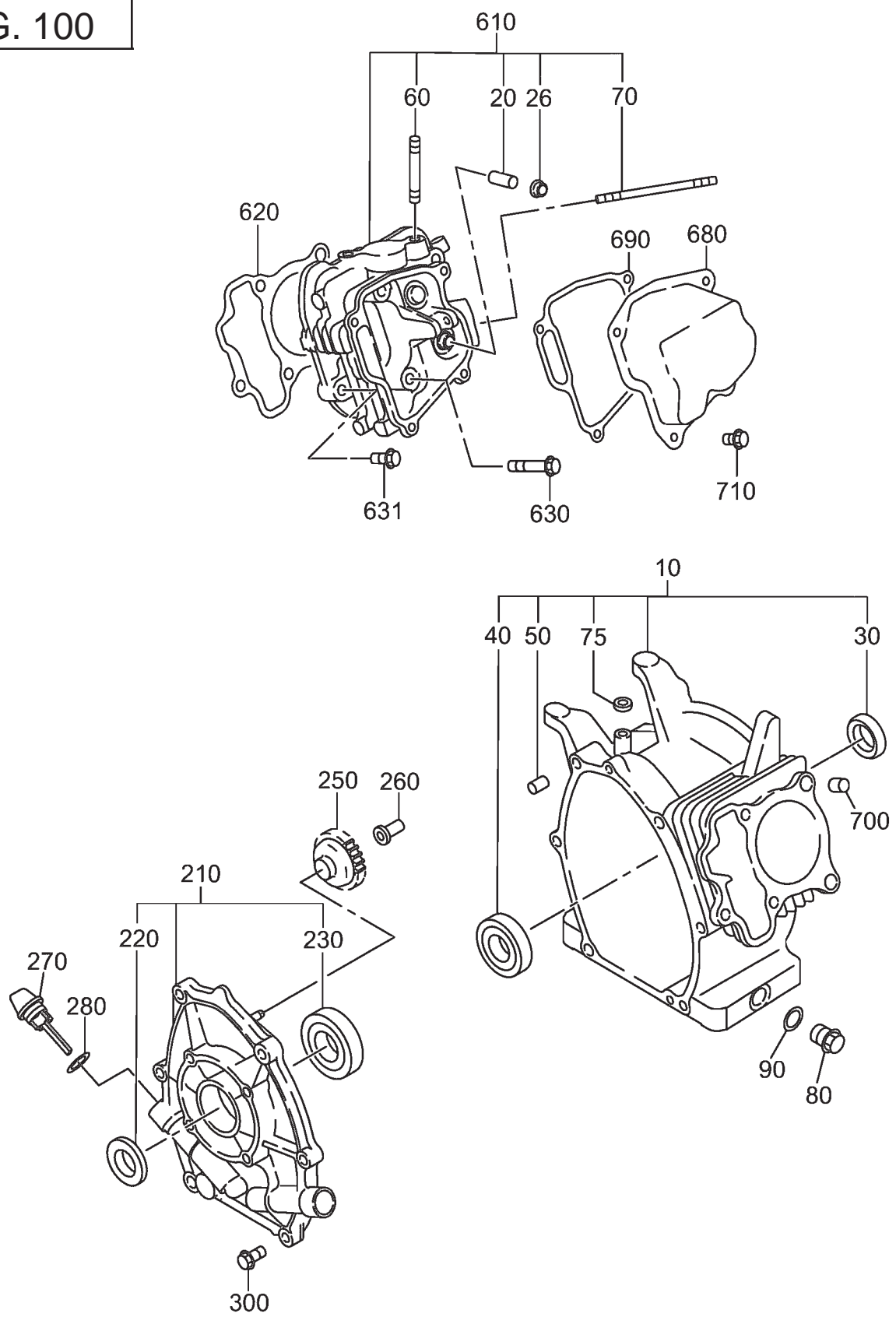
GROUP INDEX

Group Name	Page
CRANKCASE	6
CRANKSHAFT, PISTON	8
INTAKE, EXHAUST	10
GOVERNOR, OPERATION.....	12
COOLING, STARTING	14
ELECTRIC DEVICE	16
ENGINE.....	18
GENERATOR	20
BASE, FRAME	22
CONTROL.....	26
COVER.....	28
FUEL TANK	30
ACCESSORY GROUP	32

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

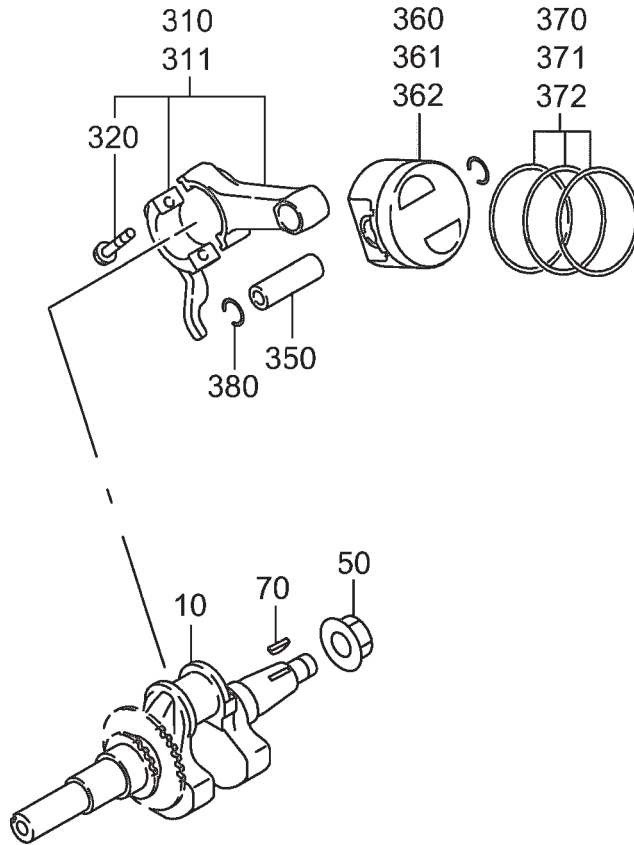
SECTION 1 CRANKCASE GROUP

FIG. 100



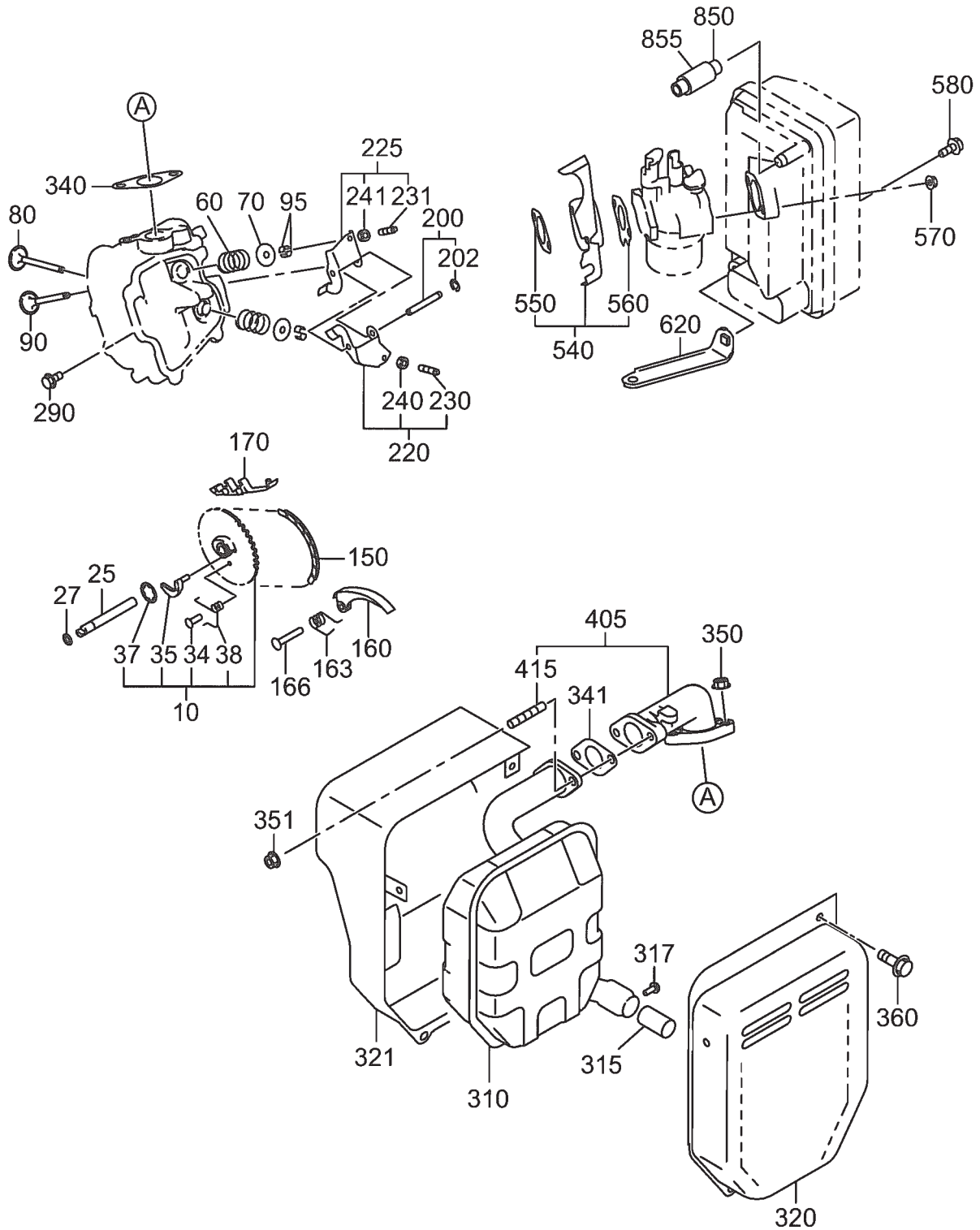
SECTION 2 CRANKSHAFT, PISTON GROUP

FIG. 200



SECTION 3 INTAKE, EXHAUST GROUP

FIG. 300

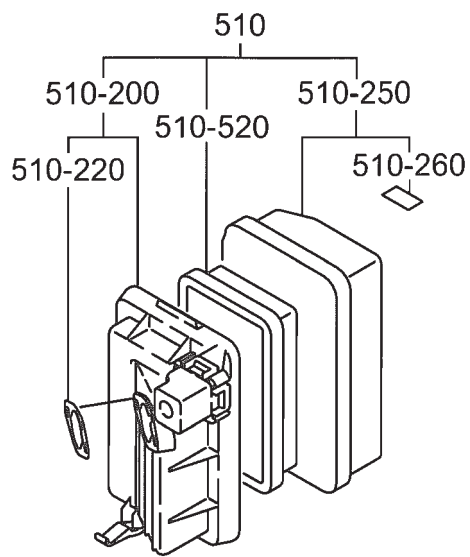


SECTION 3 INTAKE, EXHAUST GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
10	278-31601-31	CAMSHAFT CP	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	278-35601-11	TIMING CHAIN	1			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 CP	1			300
315	277-37603-01	SPARK ARRESTER CP	1			300
317	015-00400-60	TAPPING SCREW	1			300
320	277-34502-01	MUFFLER COVER 1, CP	1			300
321	277-34601-01	MUFFLER COVER 2, CP	1			300
340	277-35201-13	GASKET, MUFFLER	1			300
341	277-35201-01	GASKET CP, 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 CP	1			300
415	010-50802-90	STUD	2			300
540	277-32902-J1	INSULATOR CP	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	278-39001-01	BRACKET, A/C	1			300
850	277-32762-08	BREATHER PIPE	1			300
855	277-69001-03	SPONGE PROTECTOR	1			300

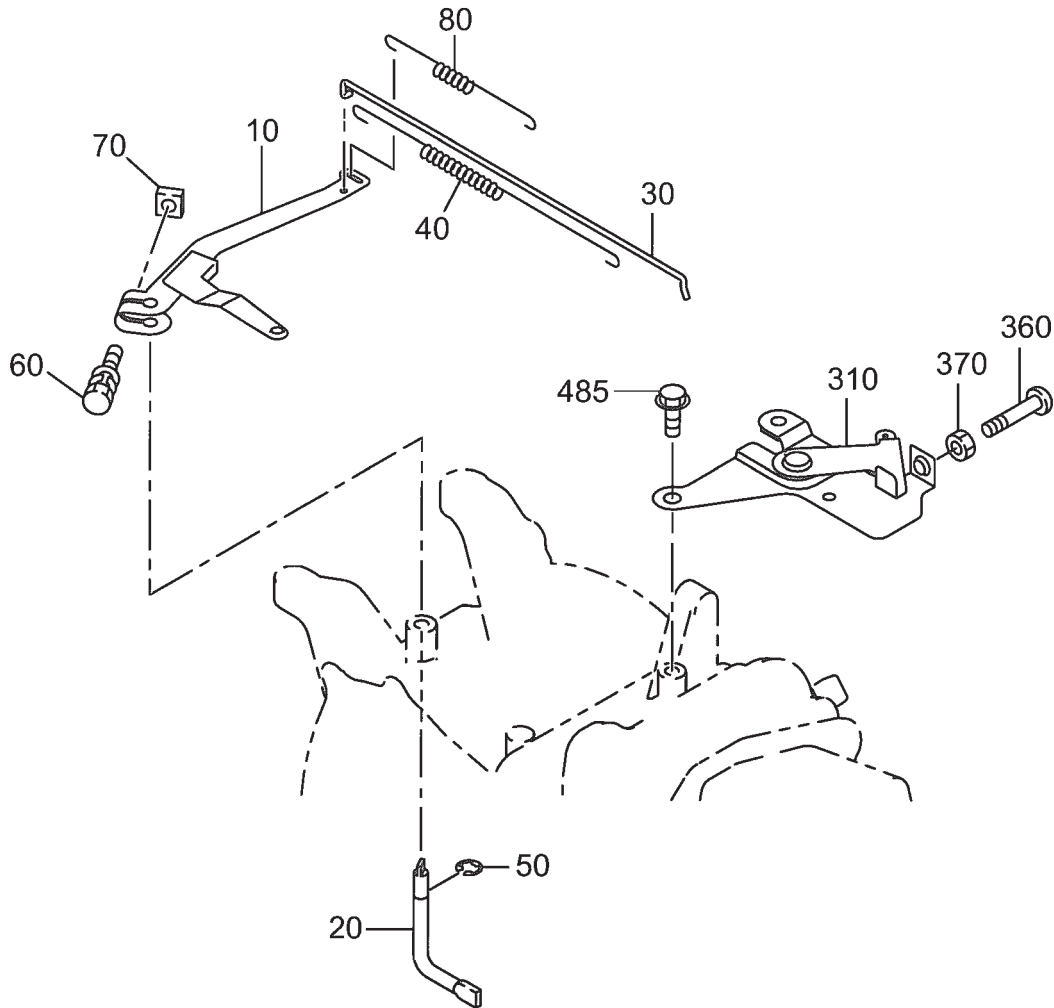
SECTION 3 INTAKE, EXHAUST GROUP

FIG. 310



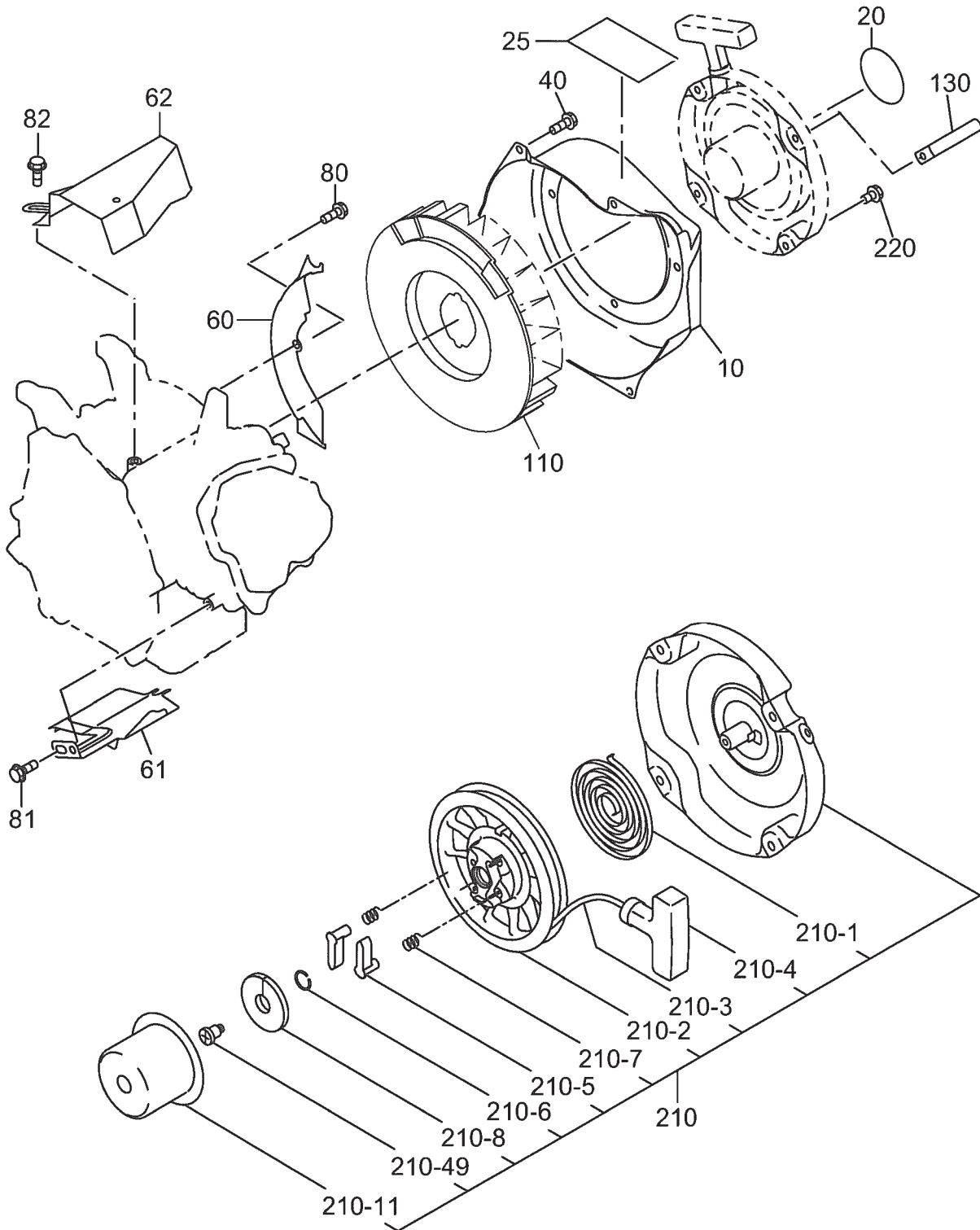
SECTION 4 GOVERNOR, OPERATION GROUP

FIG. 400



SECTION 5 COOLING, STARTING GROUP

FIG. 500

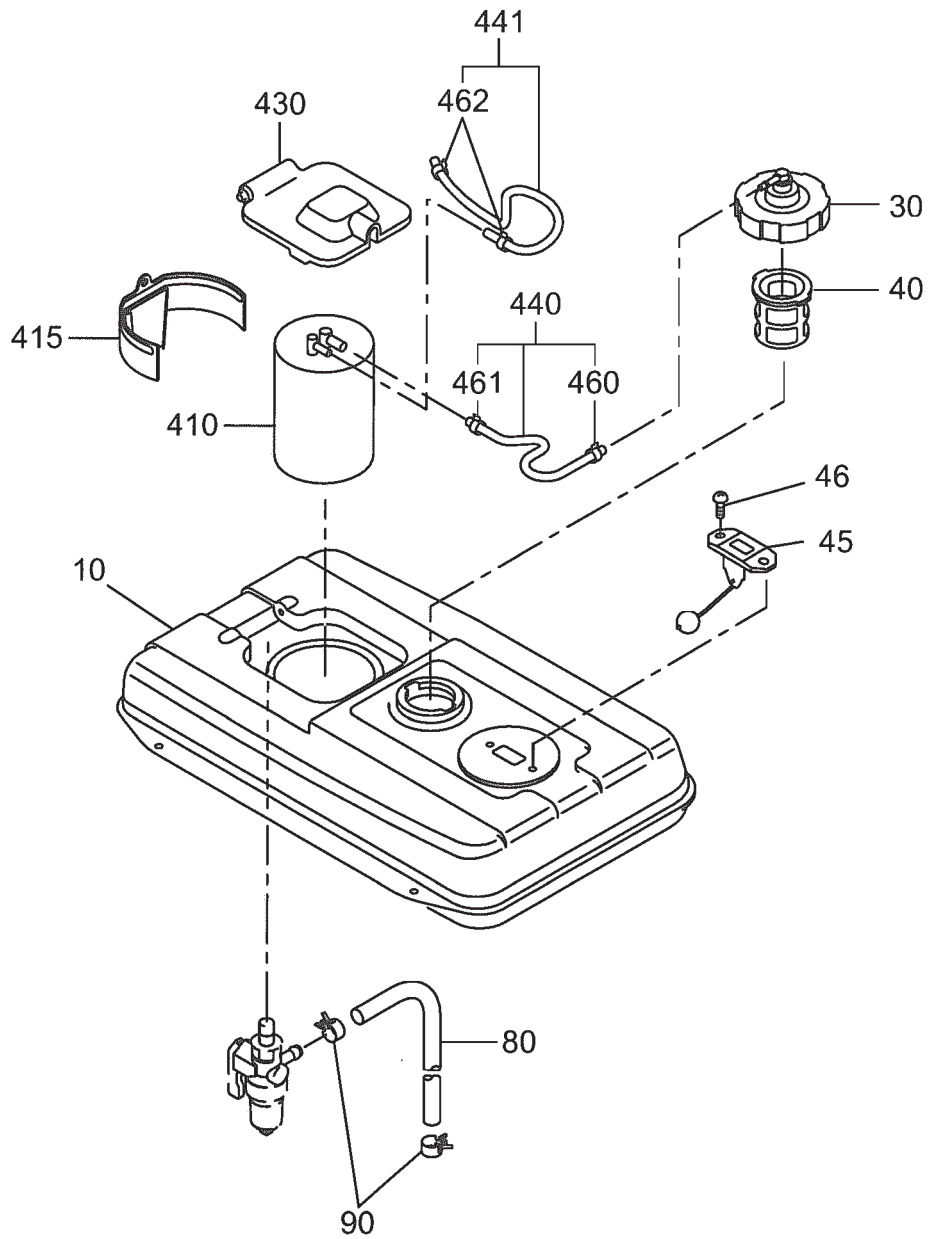


SECTION 5 COOLING, STARTING GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
10	278-51226-01	BLOWER HOUSING CP	1			500
20	073-20054-70	LABEL, TRADEMARK	1			500
25	073-20051-81	LABEL, WARNING	1			500
40	011-00600-30	FLANGE BOLT	4			500
60	277-52711-21	BAFFLE 1, CASE	1			500
61	277-52702-03	BAFFLE 2, HEAD	1			500
62	278-55001-11	DUCT, CASE	1			500
80	001-04061-60	FLANGE BOLT	1			500
81	011-00600-20	FLANGE BOLT	1			500
82	011-00600-20	FLANGE BOLT	3			500
110	278-54101-03	COOLING BLOWER	1			500
130	056-60002-50	CLAMP	1			500
210	278-50201-20	RECOIL STARTER AY	1			500
-1	270-50115-08	SPIRAL SPRING	1			500
-2	269-50120-08	REEL	1			500
-3	282-50111-18	STARTER ROPE	1			500
-4	261-50100-08	STARTER KNOB	1			500
-5	270-50125-08	RATCHET	2			500
-6	227-50131-08	FRICTION SPRING	1			500
-7	227-50135-08	RETURN SPRING	2			500
-8	270-50261-08	RATCHET GUIDE	1			500
-11	278-50145-08	STARTER PULLEY	1			500
-49	227-50152-08	SET SCREW	1			500
220	011-00600-10	FLANGE BOLT	4			500

SECTION 6 FUEL, LUBRICANT GROUP

FIG. 600

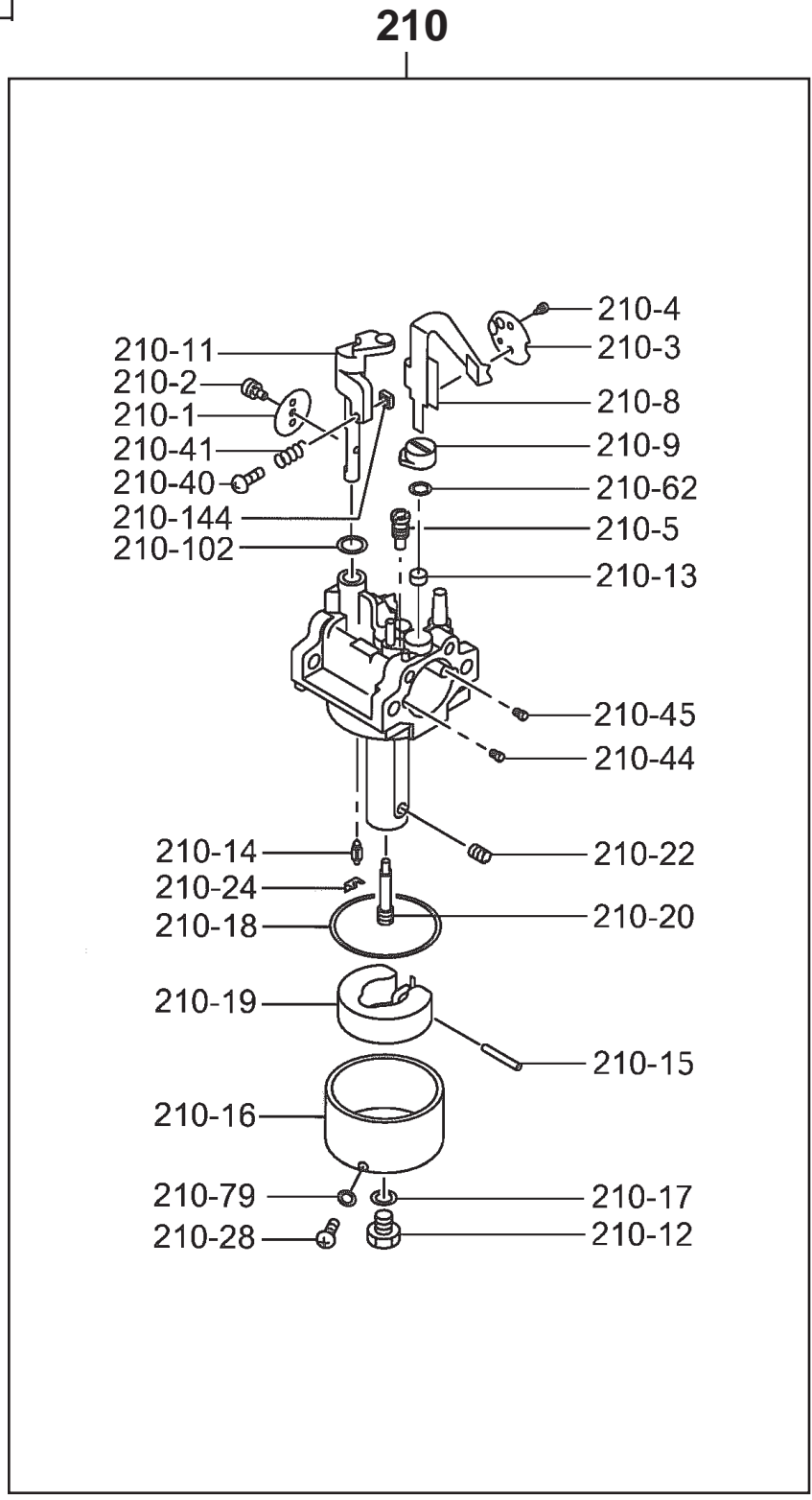


SECTION 6 FUEL, LUBRICATION GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
10	277-61107-01	FUEL TANK CP	1			600
30	043-04301-10	FUEL TANK CAP AY	1			600
40	X64-13600-10	FUEL FILTER	1			600
45	064-80003-00	FUEL GAUGE CP	1			600
46	064-20100-01	SCREW, COUNTERHEAD	2			600
50	064-20041-10	FUEL STRAINER AY	1			600
-1	064-20014-30	FILTER	1			600
-2	064-20014-10	RUBBER PACKING	1			600
-3	064-20017-10	CUP	1			600
-4	064-20100-30	LOCK NUT	1			600
-6	064-20003-30	O RING	2			600
-8	064-20027-90	BOLT	1			600
-15	064-20032-30	SPRING	1			600
80	085-10621-20	RUBBER PIPE	1			600
90	056-11000-30	HOSE CLAMP	2			600
410	420-36TA0-30	CANISTER	1			600
415	277-69101-01	BRACKET CP, CANISTER	1			600
430	277-69021-03	COVER, CANISTER	1			600
440	277-69651-01	PIPE CP, CAP CANISTER	1			600
441	277-69602-01	PIPE CP, CLEAN-CANISTER	1			600
460	056-10800-30	HOSE CLAMP	1			600
461	056-10900-20	HOSE CLAMP	1			600
462	056-10800-30	HOSE CLAMP	2			600

SECTION 6 FUEL, LUBRICATION GROUP

FIG. 610

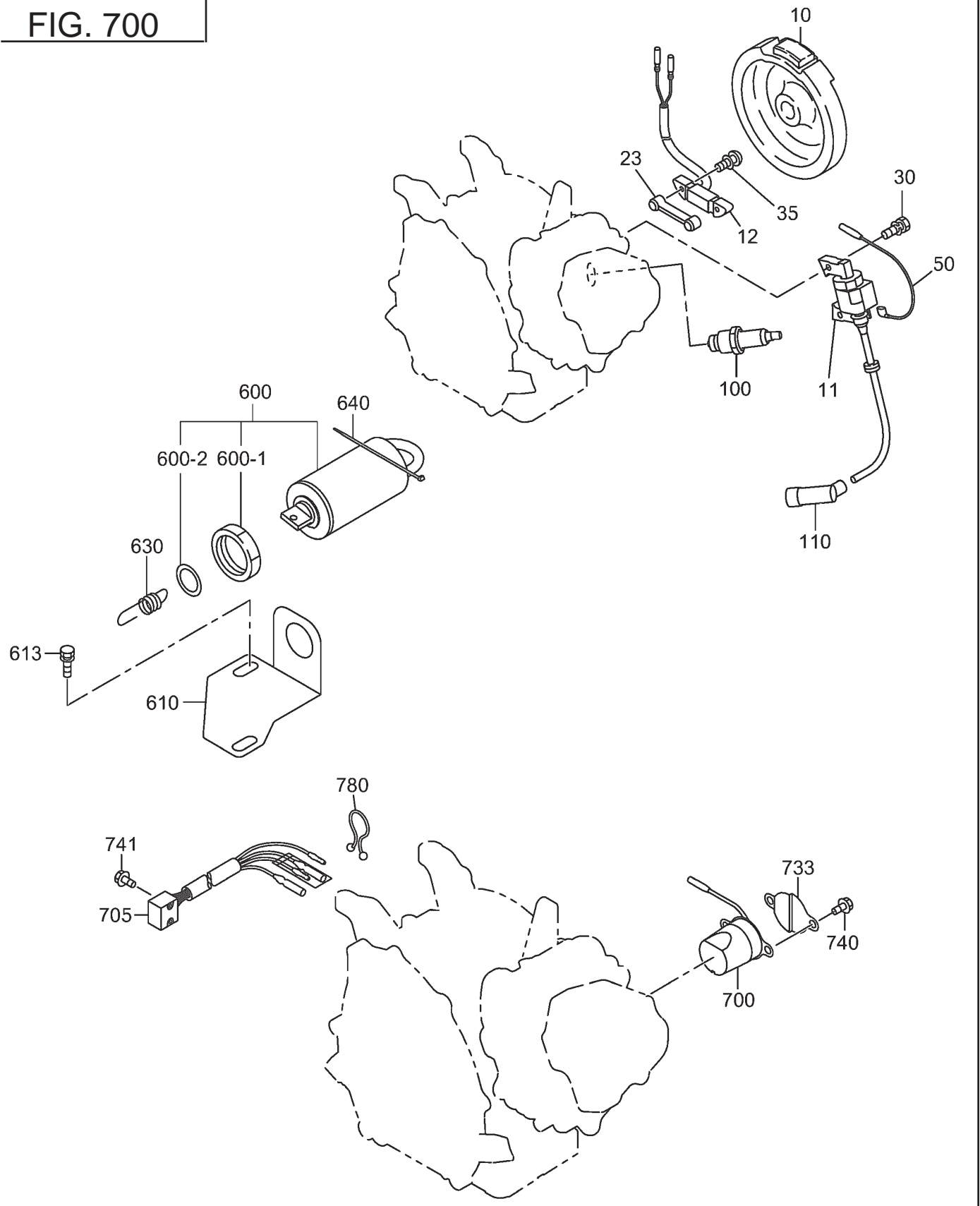


SECTION 6 FUEL, LUBRICATION GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
210	278-62314-10	CARBURETOR AY	1			610
-1	277-62535-08	THROTTLE VALVE	1			610
-2	209-62351-08	SCREW	1			610
-3	277-62527-08	CHOKE VALVE	1			610
-4	237-62451-08	SCREW	2			610
-5	278-62420-08	PILOT JET	1			610
-8	277-62522-08	CHOKE LEVER	1			610
-9	277-62570-28	RING	1			610
-11	277-32531-18	THROTTLE SHAFT A	1			610
-12	227-62451-08	BOLT	1			610
-13	277-62571-08	RING	1			610
-14	277-62500-08	NEEDLE	1			610
-15	277-62515-08	PIN	1			610
-16	277-62506-08	FLOAT BODY AY	1			610
-17	214-62450-08	PACKING	1			610
-18	214-62540-08	CHAMBER PACKING	1			610
-19	226-62506-08	FLOAT	1			610
-20	278-62440-08	MAIN NOZZLE	1			610
-22	277-62403-08	MAIN JET	1	#85		610
-24	226-62701-18	CLIP	1			610
-28	277-62360-08	BOLT	1			610
-40	106-62556-08	SCREW	1			610
-41	283-62357-08	SPRING	1			610
-44	106-62411-08	AIR JET	1			610
-45	106-62410-08	AIR JET, PILOT	1			610
-62	236-62680-08	SEAL	1			610
-79	236-62541-08	PACKING	1			610
-102	246-62390-08	SEAL	1			610
-144	277-62553-08	NUT	1			610

SECTION 7 ELECTRIC DEVICE GROUP

FIG. 700

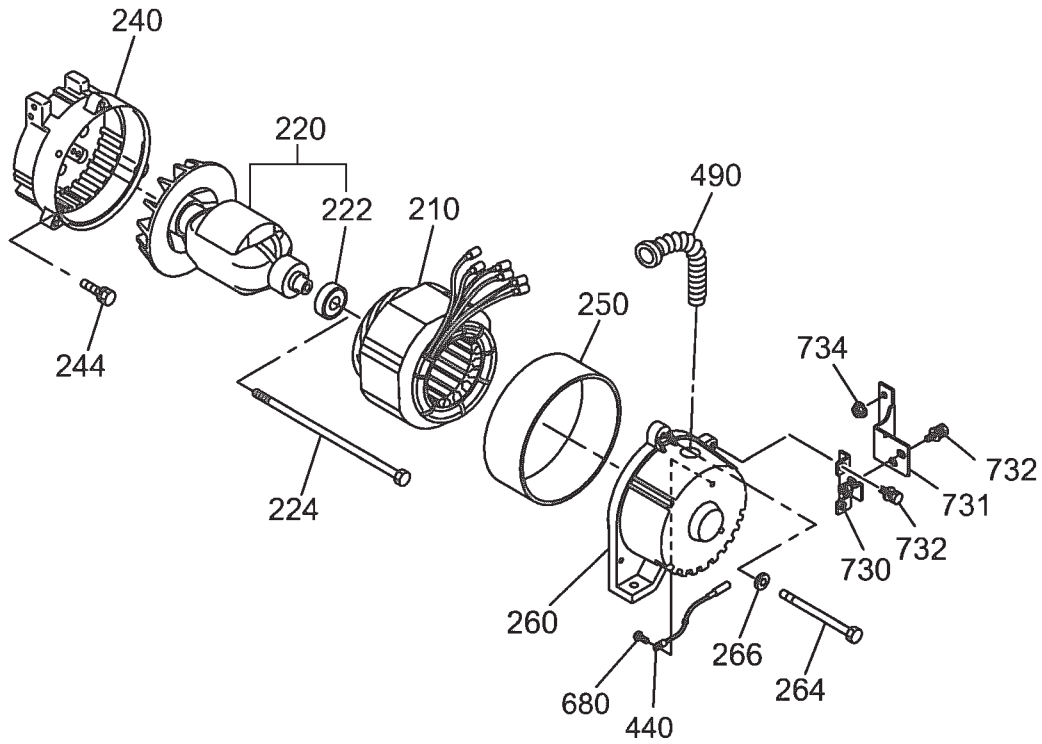


SECTION 7 ELECTRIC DEVICE GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
10	278-79241-01	FLYWHEEL CP	1			700
11	277-79431-01	IGNITION COIL CP	1			700
12	277-79301-01	LAMP COIL CP	1			700
23	277-79501-03	SPACER	1			700
30	001-14062-50	BOLT AND WASHER	2			700
35	001-13063-50	BOLT AND WASHER	2			700
50	277-73102-H1	WIRE 2 CP	1			700
100	065-01401-50	SPARK PLUG	1			700
110	065-50002-70	SPARK PLUG CAP	1			700
600	246-77303-01	SOLENOID CP	1			700
-1	224-76506-08	NUT	1			700
-2	224-76507-08	WASHER	1			700
610	277-76511-01	BRACKET, SOLENOID	1			700
613	001-14062-00	BOLT AND WASHER	2			700
630	277-78211-13	SPRING, SOLENOID	1			700
640	056-30000-10	WIRE BAND	1			700
700	277-76301-21	OIL SENSOR CP	1			700
705	KU3-11070-01	FLOAT C/U CP4	1			700
733	277-75801-03	SHIELD PLATE	1			700
740	013-00602-60	BOLT AND WASHER	2			700
741	015-00400-90	TAPPING SCREW	2			700
780	056-90000-20	PURSE LOCK	1			700

SECTION 8 GENERATOR GROUP

FIG. 2200

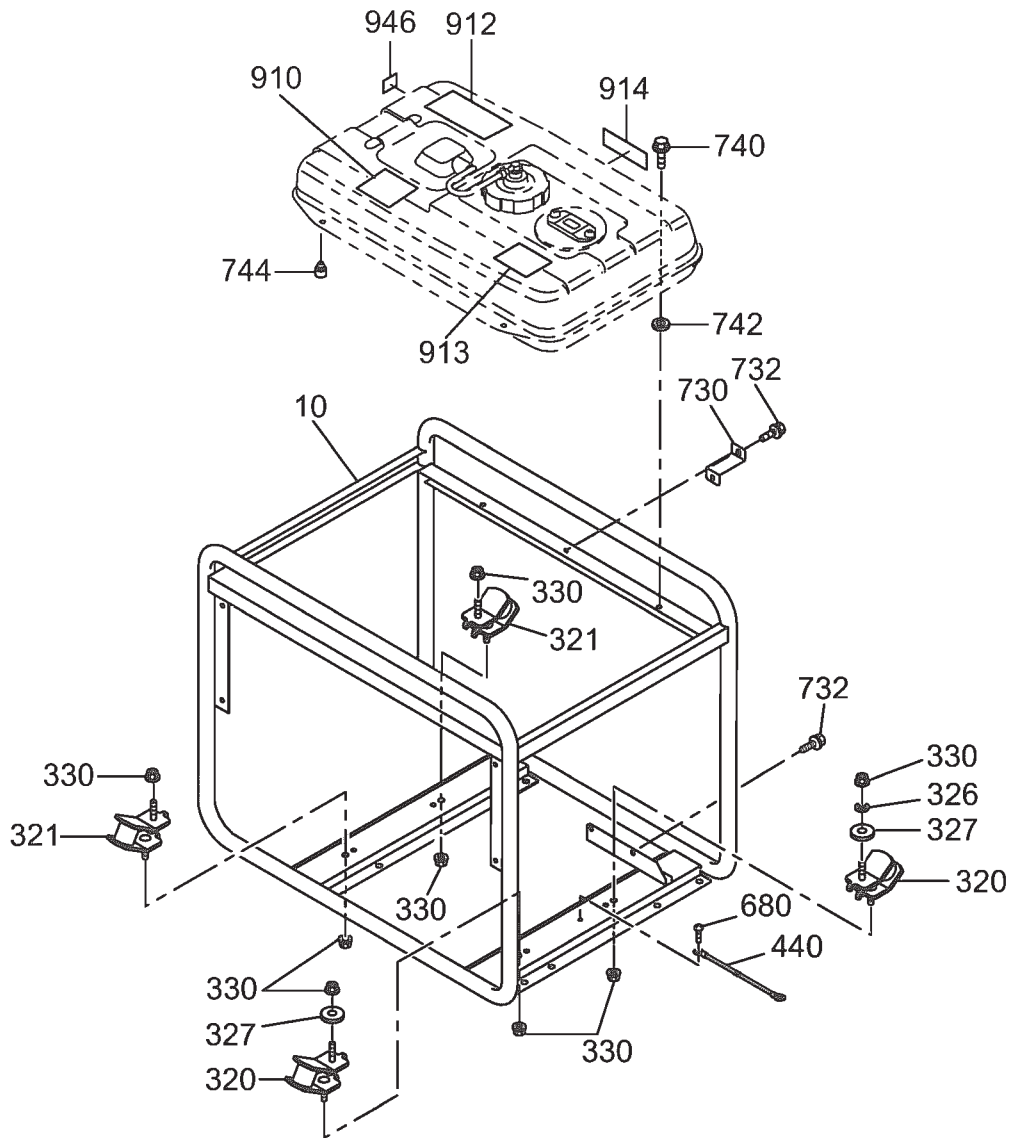


SECTION 8 GENERATOR GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
210	35B-51004-01	STATOR CP	1			2200
220	35B-51001-01	ROTOR CP	1			2200
222	353-58208-08	BALL BEARNG	1			2200
224	366-58016-08	THROUGH BOLT	1			2200
240	367-54113-08	FRONT COVER	1			2200
244	359-59935-08	BOLT AND WASHER AY	4			2200
250	367-54508-08	STATOR COVER	1			2200
260	35A-52001-01	REAR COVER	1			2200
264	389-55802-03	COVER BOLT	3			2200
266	003-20060-00	SPRING WASHER	3			2200
440	35A-53001-01	WIRE CP	1			2200
490	353-57506-18	BUSHING	1			2200
680	004-31030-60	SCREW, PANHEAD	1			2200
730	35A-63001-01	MUFFLER BRACKET A	1			2200
731	35B-63001-01	MUFFLER BRACKET B	1			2200
732	359-59935-08	BOLT AND WASHER AY	4			2200
734	002-38080-00	FLANGE NUT	2			2200

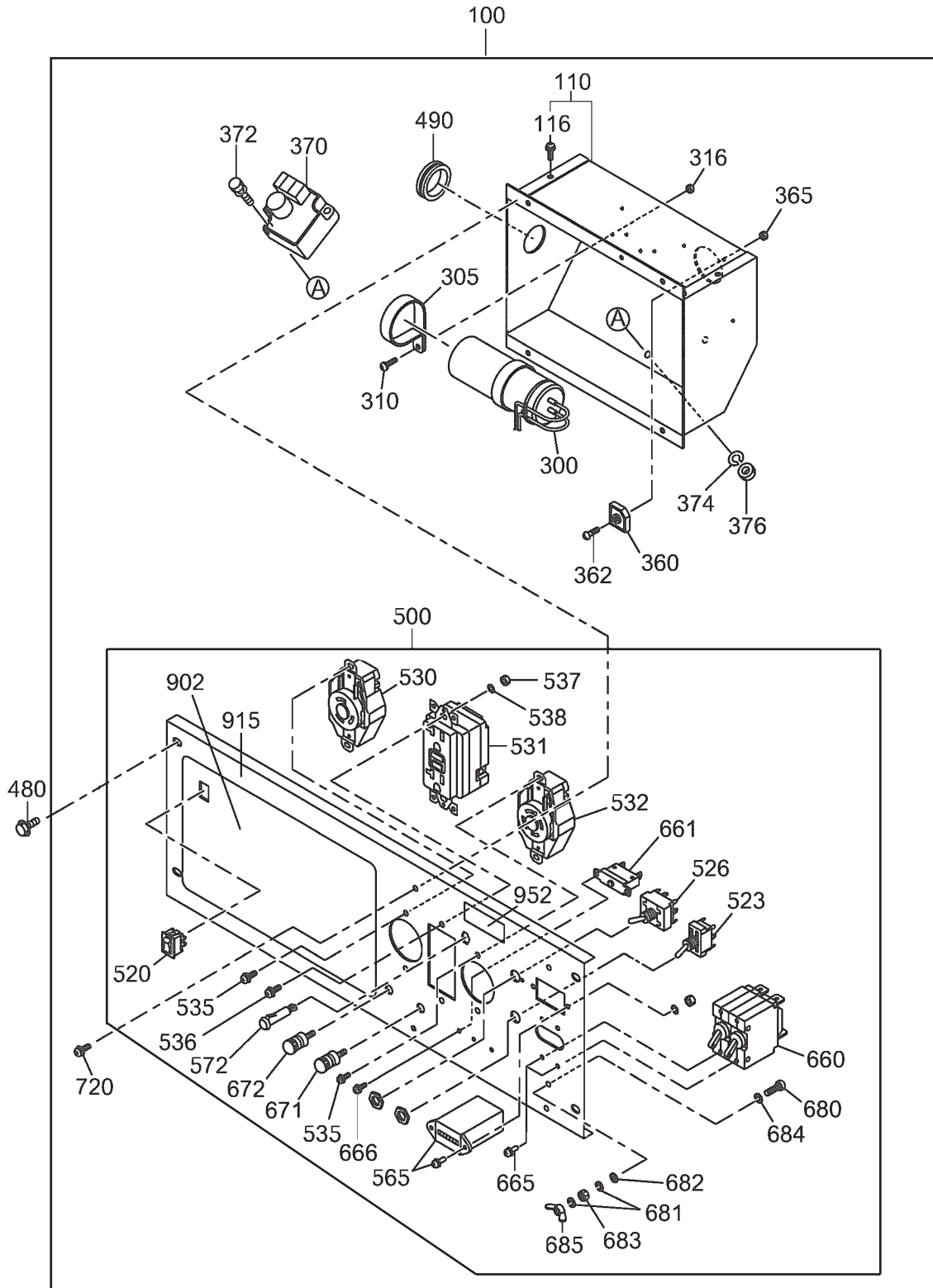
SECTION 9 BASE, FRAME GROUP

FIG. 2300



SECTION 9 CONTROL GROUP

FIG. 2400

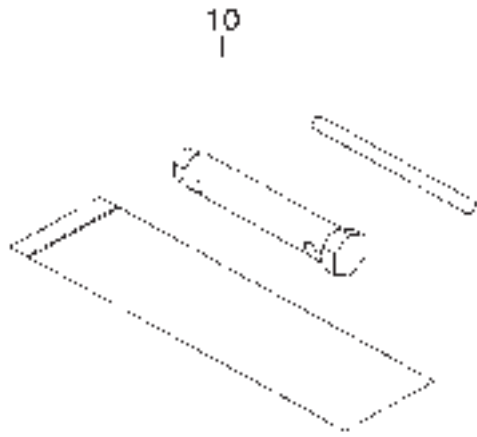


SECTION 9 CONTROL GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
100	35B-70107-00	CONTROL BOX AY	1			2400
110	35B-71102-02	CONTROL BOX UN	1			2400
116	359-59929-08	SCREW AND WASHER AY	4			2400
300	35B-72001-03	CONDENSER CP	1			2400
305	30G-47605-08	CONDENSER HOLDER	2			2400
310	390-49972-08	SCREW	2			2400
316	002-17040-00	NUT	2			2400
360	353-45804-08	DIODE STACK AY	1			2400
362	004-36042-00	SCREW AND WASHER AY	1			2400
365	002-17040-00	NUT	1			2400
370	KU3-11015-01	IDLE C/U CP	1			2400
372	004-35062-00	SCREW AND WASHER AY	2			2400
374	003-20060-00	SPRING WASHER	2			2400
376	002-17060-00	NUT	2			2400
480	35C-72014-03	FLANGE BOLT	4			2400
490	389-89001-03	GROMMET	1			2400
500	35B-70207-00	PANEL A AY	1			2400
520	35A-72002-03	ROCKER SWITCH	1			2400
523	344-45615-08	AUTO IDLE SWITCH	1			2400
526	355-45613-11	SWITCH AY (9P)	1			2400
530	35B-72002-03	AC RECEPTACLE	1	125V/250V 20A		2400
531	388-85003-01	AC RECEPTACLE	1	125V-20A		2400
532	35B-72003-03	AC RECEPTACLE	1	125V/30A		2400
535	31C-79001-03	SCREW AND WASHER AY	4			2400
536	351-49920-08	SCREW AND WASHER AY	2			2400
537	002-17040-00	NUT	2			2400
538	003-10040-00	WASHER	2			2400
565	393-40651-08	VOLT METER	1	60HZ		2400
572	30G-45308-08	LAMP	1			2400
660	353-45643-08	CIRCUIT BREAKER	1			2400
661	352-45620-08	CIRCUIT BREAKER	1			2400
665	31B-79011-03	SCREW AND WASHER AY	4			2400
666	351-49921-08	SCREW AND 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	4			2400
902	35B-71209-02	LABEL, BRAND	1			2400
915	35B-71208-02	LABEL, PANEL	1			2400
952	391-93014-03	LABEL, GROUND	1			2400

SECTION 12 ACCESSORIES GROUP

FIG. 2900



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