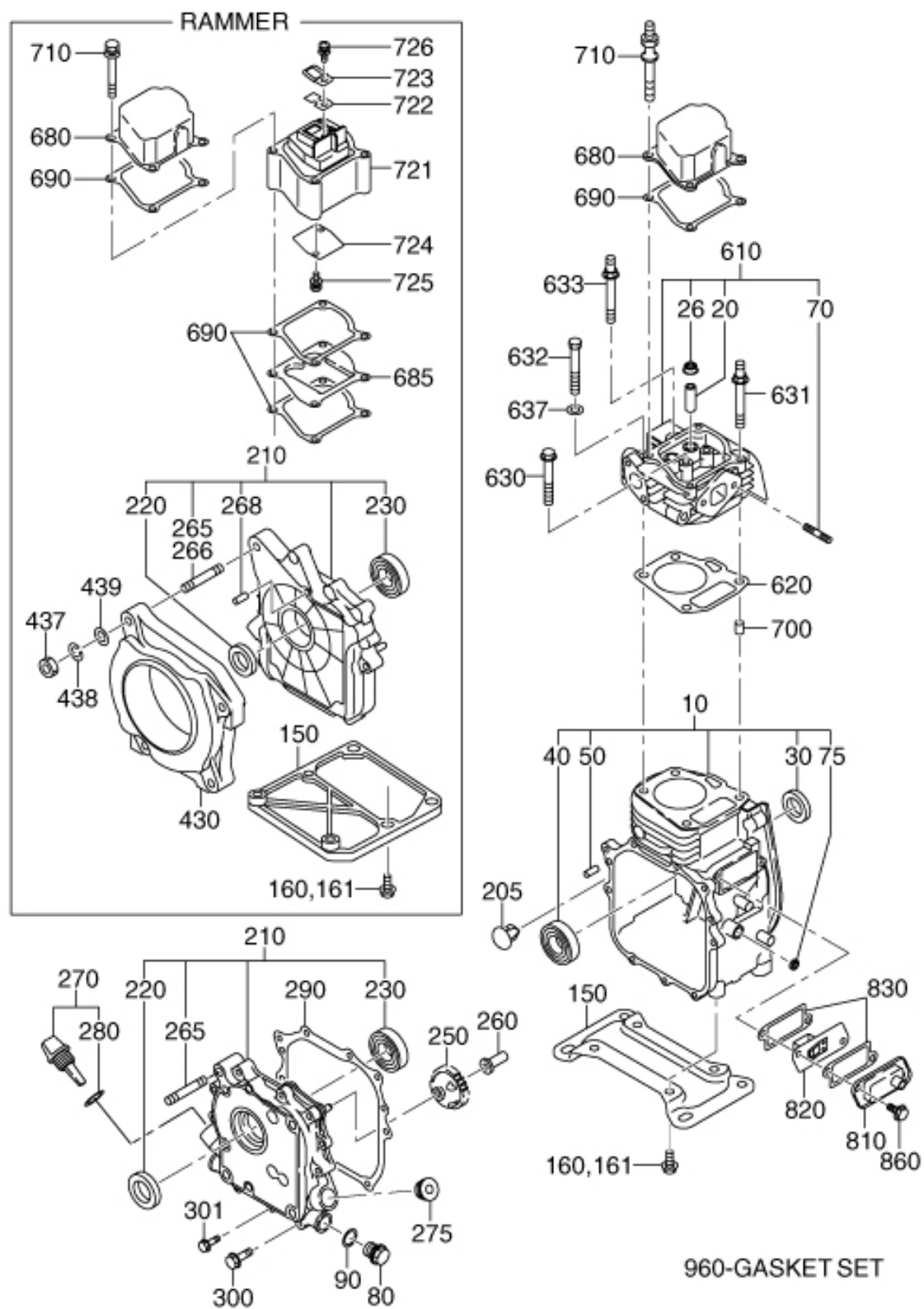


1 CRANKCASE GROUP

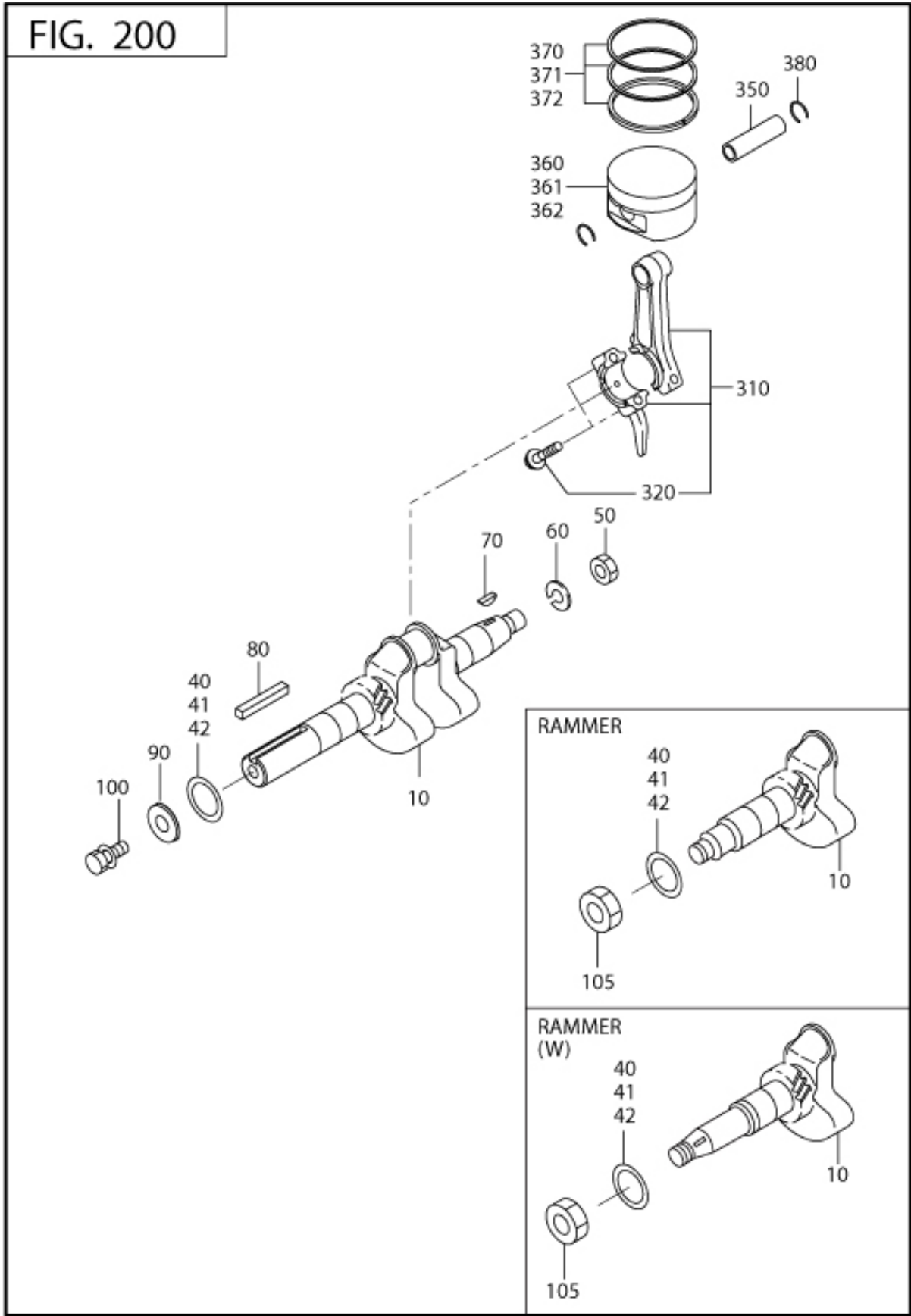
FIG. 100



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	284-10101-11	CRANKCASE CP	-	1		20F-10101-11
20	237-14202-03	VALVE GUIDE	-	2	5. 5DX9. 5DX27L	
26	277-16010-01	STEM SEAL	-	1	5. 5DX9. 5DX15DX7. 8B	
30	044-02000-70	OIL SEAL	-	1	20DX32DX6B	
40	060-02001-40	BALL BEARING	-	1	20DX42DX12B	
50	031-00600-20	DOWEL PIN	-	2	6DX14. 5L	
70	010-50604-30	STUD	6635-	2	M6X1. 0X80L	X10-50604-90
	010-50604-20	STUD	-6634	2	M6X1. 0X84L	
75	044-00600-20	OIL SEAL	-	1	5. 6DX10DX2. 5B	
80	040-11400-30	OIL DRAIN PLUG	-	2	M14X1. 5X20DX12L	
90	021-11400-20	GASKET 14	-	2	T=0. 3	
150	284-13401-01	BASE CP	-	1		
160	001-13081-80	BOLT AND WASHER AY	-	4	M8X1. 25X18L W/SW	
205	024-10900-60	GROMMET	6666-7107	1		
210	284-11001-21	MAINBEARING COVER CP	-	1		20F-11001-31
220	044-02001-10	OIL SEAL	-	1	20DX32DX6B	
230	060-02001-40	BALL BEARING	-	1	20DX42DX12B	
250	284-45003-01	GOVERNOR GEAR CP	-	1	44DX20T N=26	
260	205-41901-03	GOVERNOR SLEEVE	-	1	6DX9DX16DX26L	
270	230-63601-01	OIL GAUGE CP	-	2	M18X1. 5 L=38+18	230-63601-11
280	021-31600-20	GASKET	-	2	16DX23DX1. 2T RUBBER	
290	284-16003-03	GASKET(BEARING COVER	-	1	T=0. 3	
300	011-00601-01	FLANGE BOLT	-	8	M6X1. 0X13DX28L	
610	284-13001-10	CYLINDER HEAD AY	6635-	1		20F-13001-10
	284-13003-01	CYLINDER HEAD CP	-6634	1		
620	284-15001-13	GASKET (HEAD)	-	1	T=0. 2	
630	011-00802-10	FLANGE BOLT	-	1	M8X1. 25X16DX55L	20F-00802-10
631	010-00804-10	BOLT	-	1	M8X1. 25X12. 5L-55L	
632	010-00804-20	BOLT	-	1	M8X1. 25X60L	

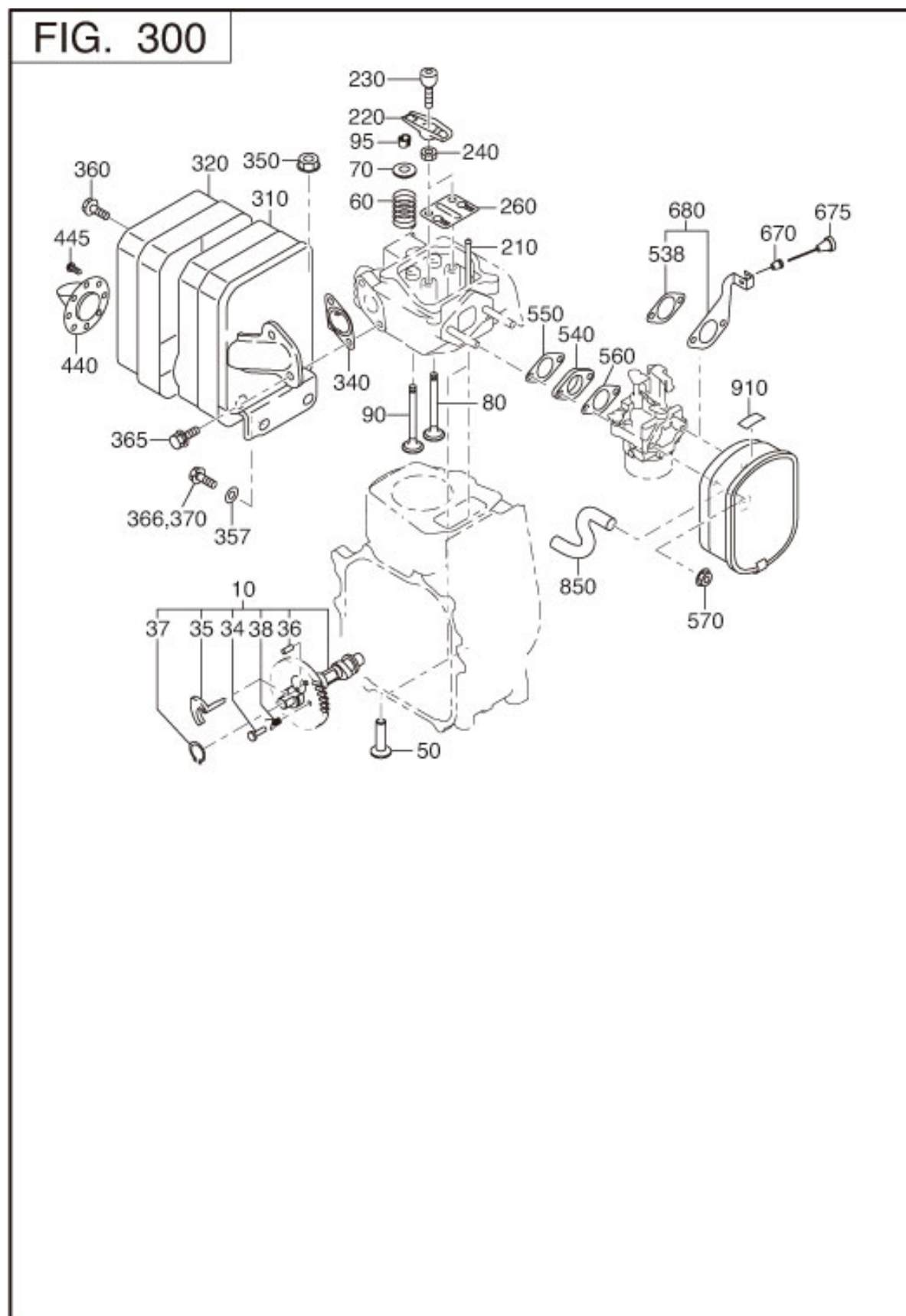
REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
633	011-00803-01	FLANGE BOLT	-	1	M8X1. 25X25L-55L	
637	020-00802-10	WASHER	-	1	8. 5DX17DX3. 2T	
680	284-15501-03	ROCKER COVER	-	1		20F-15501-03
690	284-16007-03	GASKET(ROCKER COVER)	-	1	T=0. 5	
700	277-15011-03	PIPE KNOCK	-	2	10. 3DX8. 5DX14L	
710	010-00604-00	BOLT	-	4	M6X1. 0X9. 8L-30L	20F-00604-00
810	284-14301-01	BREATHER COVER CP	-	1		
820	284-14401-01	BREATHER PLATE CP	-	1		
830	230-16006-13	GASKET(TAPPET COVER)	-	2	T=0. 8	284-16008-03
860	011-00600-20	FLANGE BOLT	-	2	M6X1. 0X14DX12L	
960	284-99003-07	GASKET SET	-	1		284-99003-17

2 CRANKSHAFT PISTON



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	284-20701-11	CRANKSHAFT CP	-	1	L=204 17DX50L	20F-20701-11
40	023-02001-00	SPACER	-	1	20. 5DX28DX0. 8T	
41	023-02001-10	SPACER	-	1	20. 5DX28DX1. 0T	
42	023-02001-20	SPACER	-	1	20. 5DX28DX1. 2T	
50	002-18140-00	NUT	-	1	M14X1. 5X11H	
60	003-20140-00	SPRING WASHER	-	1	14. 2DX24. 5DX3. 5T	
70	005-32031-01	WOODRUFF KEY	-	1		
80	005-30053-01	KEY	-	1	5BX5HX30L	
90	020-00800-50	WASHER	-	1	8. 5DX28DX2. 3T	
100	001-13081-60	BOLT AND WASHER AY	-	1	M8X1. 25X16L W/SW	
310	284-22501-30	CONNECTING ROD AY	-	1	66CDX18B 21D-11D	20F-22501-30
320	284-23001-03	CONNECTING ROD BOLT	-	2	M5X0. 8X11DX25L	20F-23001-03
350	230-23301-03	PISTON PIN	-	1	11DX8DX40L	20F-23301-03
360	284-23401-H3	PISTON	6666-	1	STD (51DX31H)	20F-23401-H3
	274-23401-03	PISTON	-6665	1	STD (51DX31H)	284-23401-H3
361	284-23402-H3	PISTON	6666-	1	0. 25 0. S. (51DX31H)	20F-23402-H3
	274-23402-03	PISTON	-6665	1	0. 25 0. S. (51DX31H)	20F-23402-H3
362	284-23403-H3	PISTON	6666-	1	0. 50 0. S. (51DX31H)	20F-23403-H3
	274-23403-03	PISTON	-6665	1	0. 50 0. S. (51DX31H)	20F-23403-H3
370	284-23521-07	PISTON RING SET	-	1	STD (51D)	
371	284-23522-07	PISTON RING SET	-	1	0. 25 0. S. (51D)	
372	284-23523-07	PISTON RING SET	-	1	0. 50 0. S. (51D)	
380	056-51100-10	CLIP	-	2	12DX1D	

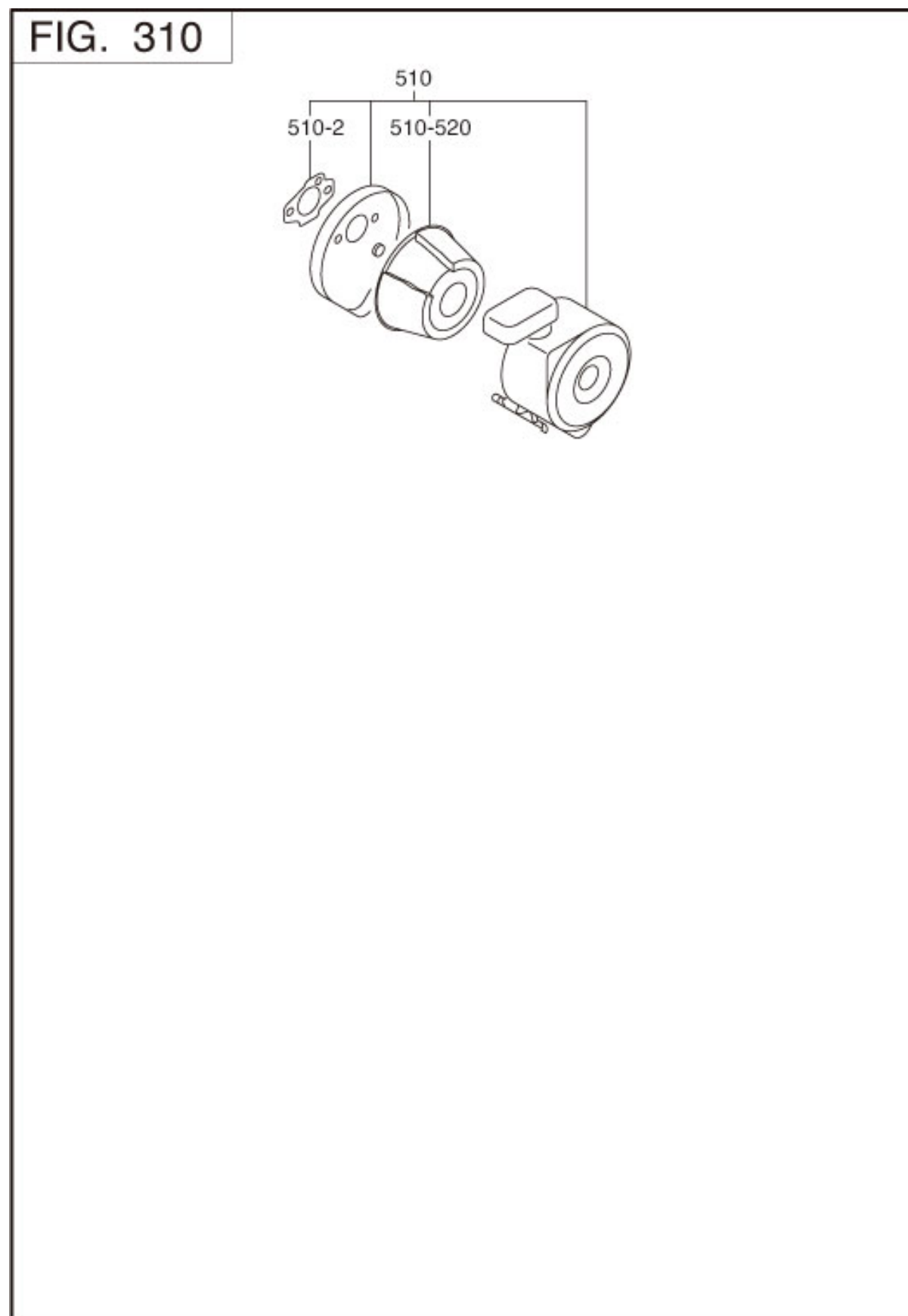
3 INTAKE EXHAUST



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	284-31702-11	CAMSHAFT CP	-	1	L=92 63DX6. 6B N=38	20F-31702-11
34	227-38601-23	PIN(SPRING)	-	1	3. 8DX7. 5DX14L	
35	284-36401-03	RELEASE LEVER	-	1		
36	005-19041-00	SPRING PIN	-	1	4. 4DX10LX0. 8T	
37	003-15170-00	SNAP RING OUTER	-	1		
38	274-38701-23	RETURN SPRING	-	1	5DX0. 45DX5. 2L N=9. 7	
50	274-33301-03	TAPPET	-	2	17DX8DX32L	
60	274-33601-03	VALVE SPRING	-	2	17. 1DX2DX26. 7L N=5. 5	20F-33601-03
70	274-33702-03	SPRING RETAINER	-	2		20F-33702-03
80	274-33401-03	INTAKE VALVE	-	1	21DX5. 5DX63. 6L	
90	274-33501-03	EXHAUST VALVE	-	1	18DX5. 5DX63. 6L	
95	132-10KA0-31	COLLET-VALVE	-	4		
210	274-35301-03	PUSH ROD	-	2	4DX121. 6L	20F-35301-03
220	274-36003-03	ROCKER ARM	-	2		284-36001-03
230	269-35801-03	BOLT (PIVOT)	-	2	M6X0. 75X19L SOCKET H	269-35802-03
240	017-00600-90	NUT	-	2	M6X0. 75X5. 1H	
260	274-36501-03	GUIDE PLATE	-	1		
310	284-30101-12	MUFFLER UN	-	1		20F-30101-21
320	284-34201-01	MUFFLER COVER CP	-	1		284-34201-11
340	284-35201-03	GASKET (EXHAUST)	-	1	T=0. 2	
360	015-20600-90	TAPPING BOLT	-	3	M6X13DX10L	
365	001-13061-60	BOLT AND WASHER AY	-	2	M6X1. 0X16L W/SW	
366	001-14081-60	BOLT AND WASHER AY	-	2	M8X1. 25X16L W/W. SW	
440	236-37001-01	DEFLECTOR CP	-	1		
445	015-00400-10	TAPPING SCREW	-	2	M4X8L	
538	227-35902-03	GASKET 2 (INSULATOR)	-	1	T=0. 3 25D 6. 5DX42P	
540	106-32912-03	INSULATOR	-	1	T=5 20D 6. 5DX42P	
550	284-35903-03	GASKET(INTAKE 1)	-	1	T=0. 5 D=25	
560	284-35904-03	GASKET(INTAKE 2)	-	1	T=0. 5 D=17	

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
570	226-39212-00	NUT AND WASHER AY	-	2	M6X1.0X14DX6H W/SW	
670	024-10200-10	GROMMET	-	1	2DX6DX12H	207-32690-08
675	207-43904-01	KNOB COMPL	-	1	17DX100L	
680	284-47101-01	CHOKE BRACKET CP	-	1		
850	284-16101-03	RUBBER PIPE	-	1	8DX11D FORMED	

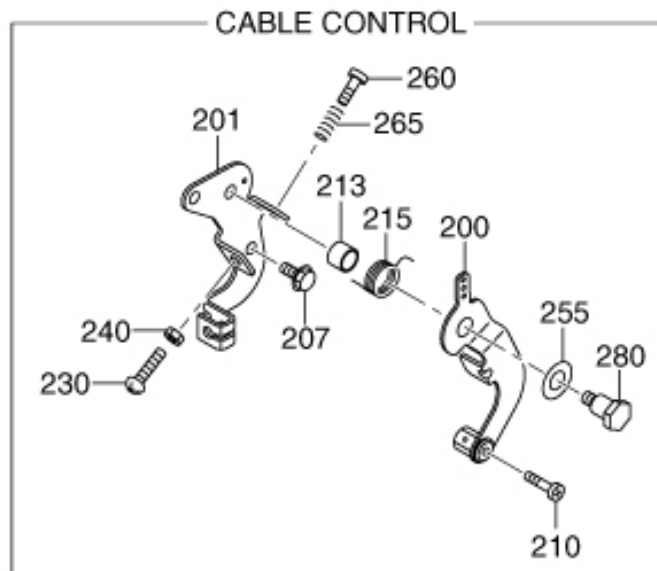
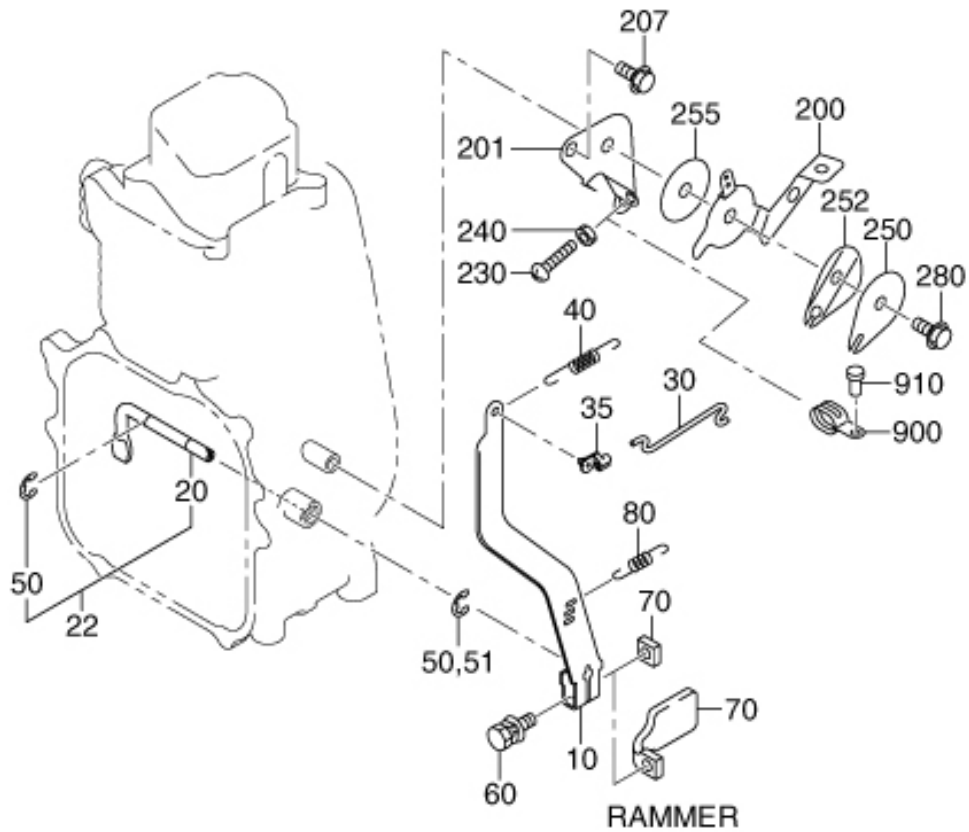
3 INTAKE EXHAUST



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
510	284-32610-00	AIR CLEANER AY	-	1	CYCLONE CHIMNEY	
- 2	227-36004-13	GASKET(AIR CLEANER)	-	1		
-520	252-32613-07	ELEMENT SET	-	1	CYCLONE	

4 GOVERNOR OPERATION

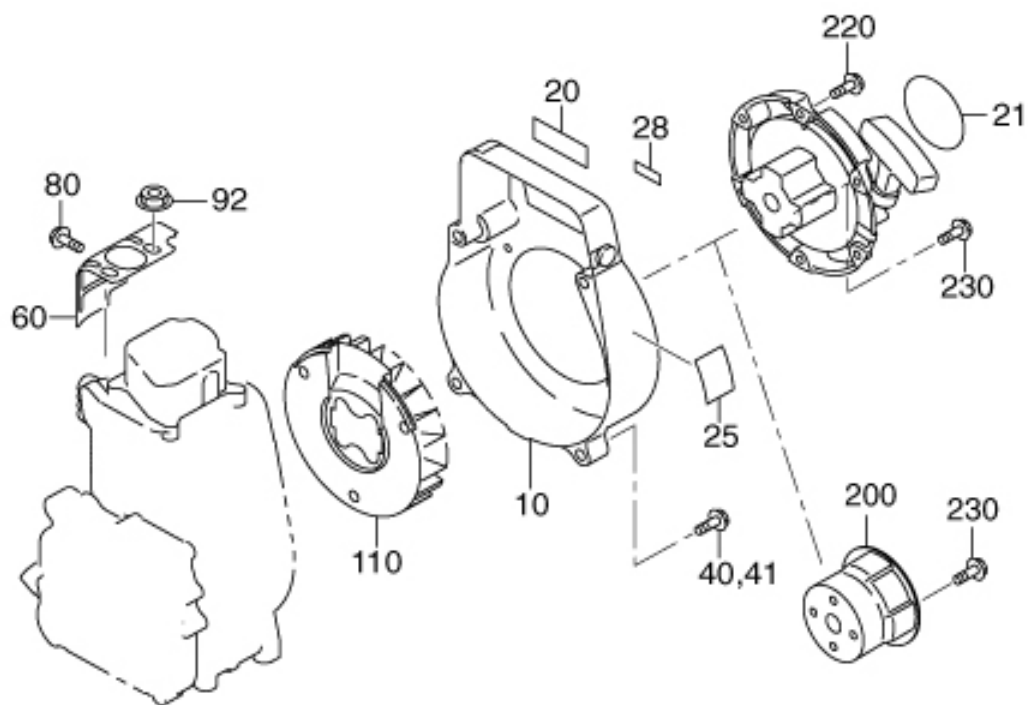
FIG. 400



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	284-42306-03	GOVERNOR LEVER	-	1		
20	230-42201-13	GOVERNOR SHAFT	7061-	1		230-42201-11
	230-42201-03	GOVERNOR SHAFT	-7060	1		230-42201-13
30	234-42701-01	GOVERNOR ROD	-	1		
40	234-42801-13	ROD SPRING	-	1	6DX0. 5DX32L N=16. 3	
50	003-13050-00	CLIP	-	2	5DX11DX0. 6T	
60	001-14062-50	BOLT AND WASHER AY	-	1	M6X1. 0X25L W/W, SW	
70	018-60600-20	NUT	-	1	M6X1. 0X4. 9H SQUARE	
80	284-42506-03	GOVERNOR SPRING	-	1	8DX0. 9DX40. 5L N=8. 5	
200	284-43301-01	SPEED CONTROL CP	-	1		
201	230-45001-11	BASE PLATE CP	-	1		
207	011-00600-10	FLANGE BOLT	-	2	M6X1. 0X14DX8L	
230	004-31063-00	SCREW	-	1	M6X1. 0X30L	
240	002-27060-00	NUT	-	1	M6X1. 0X3. 6H	
250	227-43501-13	STOP PLATE	-	1	T=1. 2	
252	227-45002-03	SPRING WASHER	-	1	T=0. 4	
255	021-70600-30	FRICTION WASHER	-	1	6. 5DX33DX0. 6T FIBER	
280	011-00600-30	FLANGE BOLT	-	1	M6X1. 0X14DX14L	

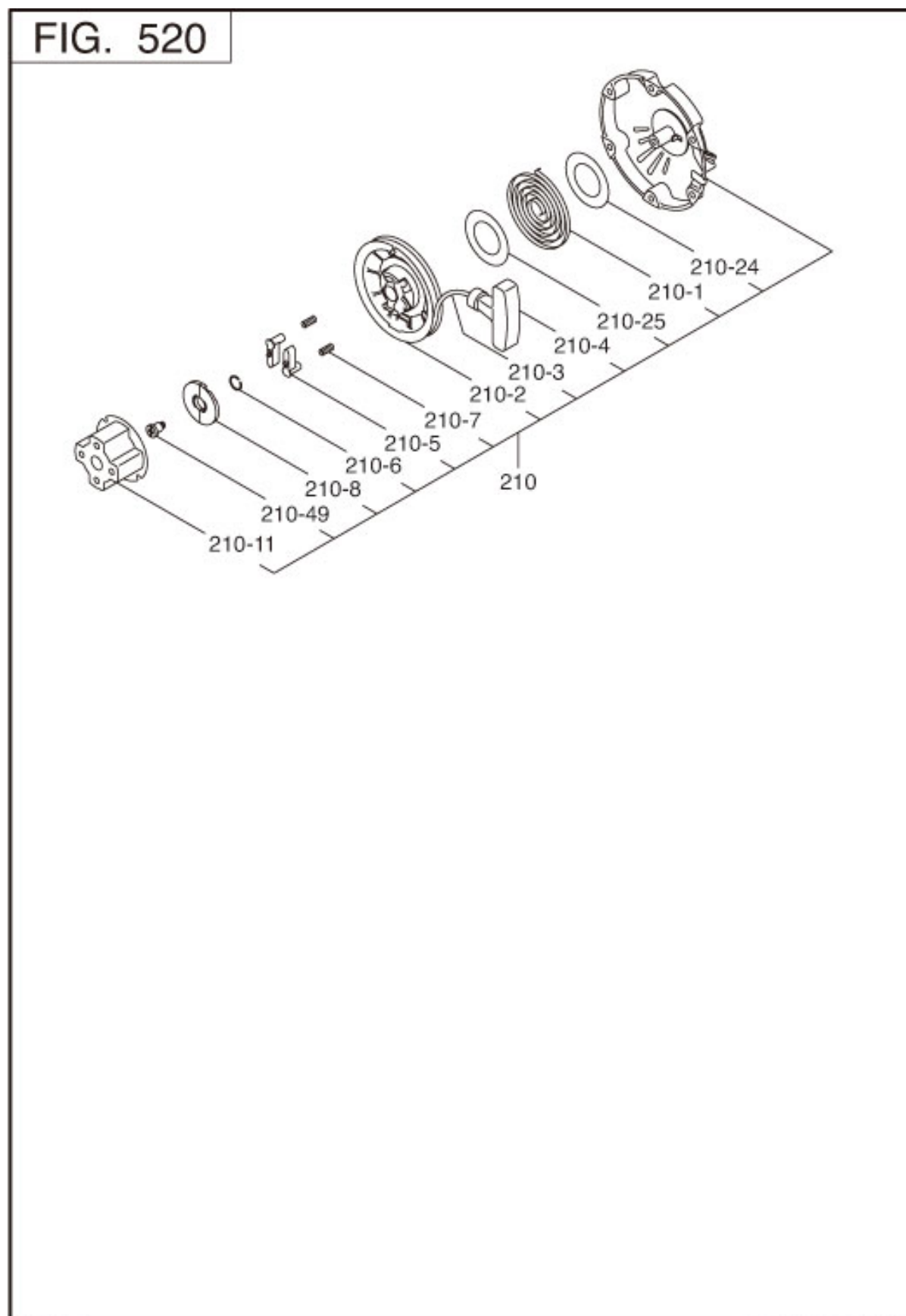
5 COOLING STARTING

FIG. 500



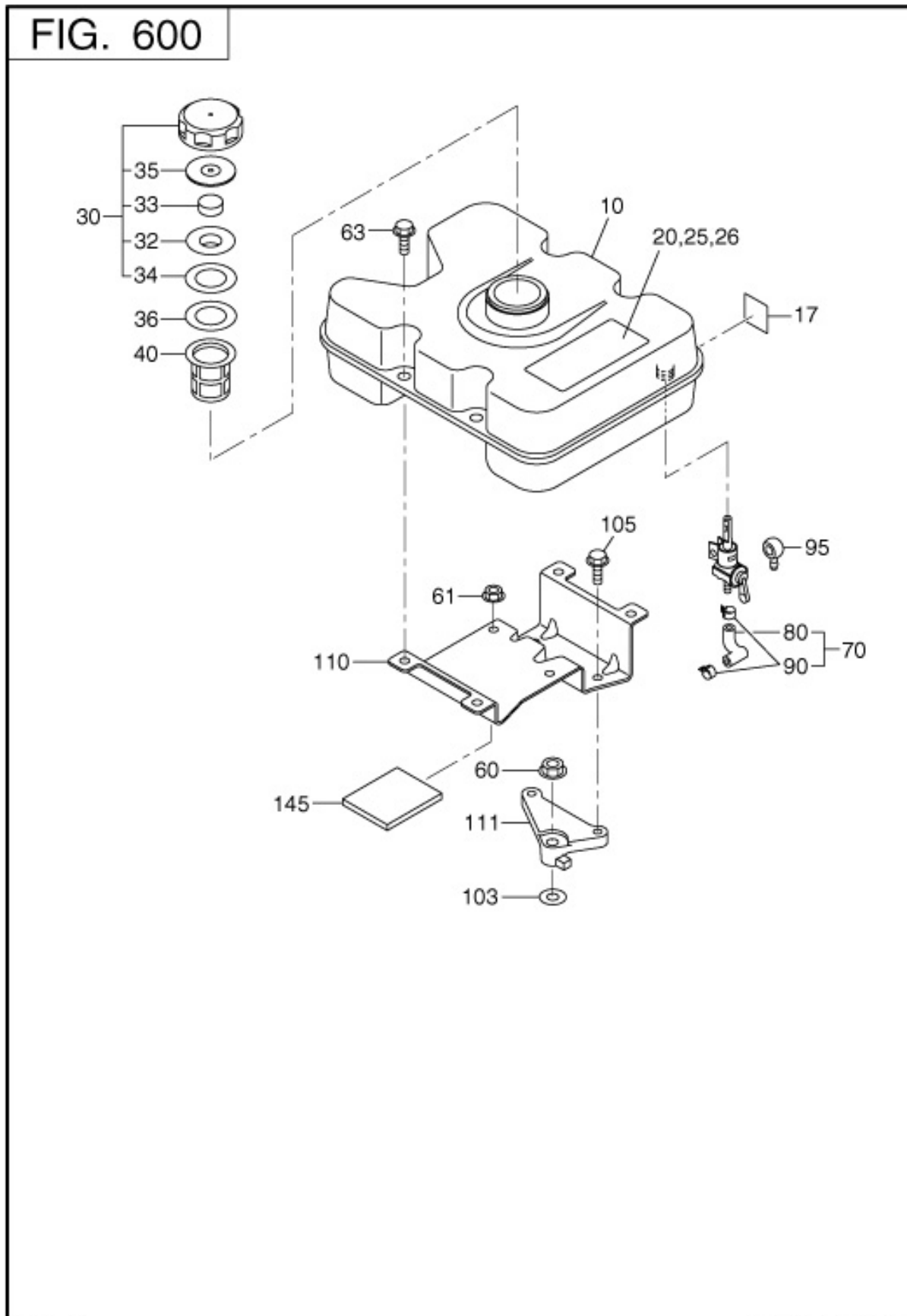
REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	284-51301-01	BLOWER HOUSING CP	-	1	BLACK	
20	284-95102-03	LABEL(MODEL)	-	1	40X75	
21	073-20054-70	LABEL(TRADE MARK)	-	1	60D	073-20054-71
40	001-04081-60	FLANGE BOLT	-	3	M8X1. 25X16DX16L	
41	001-04085-05	FLANGE BOLT	-	1	M8X1. 25X16DX50L	
60	284-52601-23	CYLINDER BAFFLE	-	1		
80	011-00600-10	FLANGE BOLT	-	1	M6X1. 0X14DX8L	
92	002-38080-00	FLANGE NUT	-	1	M8X1. 25X17DX7. 5H	
110	284-54101-03	COOLING BLOWER	-	1		
220	011-00600-10	FLANGE BOLT	-	3	M6X1. 0X14DX8L	
230	011-00600-20	FLANGE BOLT	-	4	M6X1. 0X14DX12L	

5 COOLING STARTING



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
210	284-50211-20	RECOIL STARTER AY	-	1	134PD	284-50211-30
- 1	274-50115-08	SPIRAL SPRING	-	1		
- 2	274-50120-18	REEL	-	1		
- 3	274-50112-08	STARTER ROPE	-	1		20F-50112-18
- 4	261-50100-08	STARTER KNOB	-	1		261-50100-18
- 5	270-50125-08	RATCHET	-	2		
- 6	274-50131-08	FRICTION SPRING	-	1		
- 7	227-50135-08	RETURN SPRING	-	2		
- 8	270-50261-08	RATCHET GUIDE	-	1		
- 11	284-50145-08	STARTER PULLEY	-	1		
- 24	274-50152-08	SLIDE PLATE B	-	1		
- 25	131-50150-08	SLIDE PLATE B	-	1		
- 49	227-50152-08	SET SCREW	-	1		

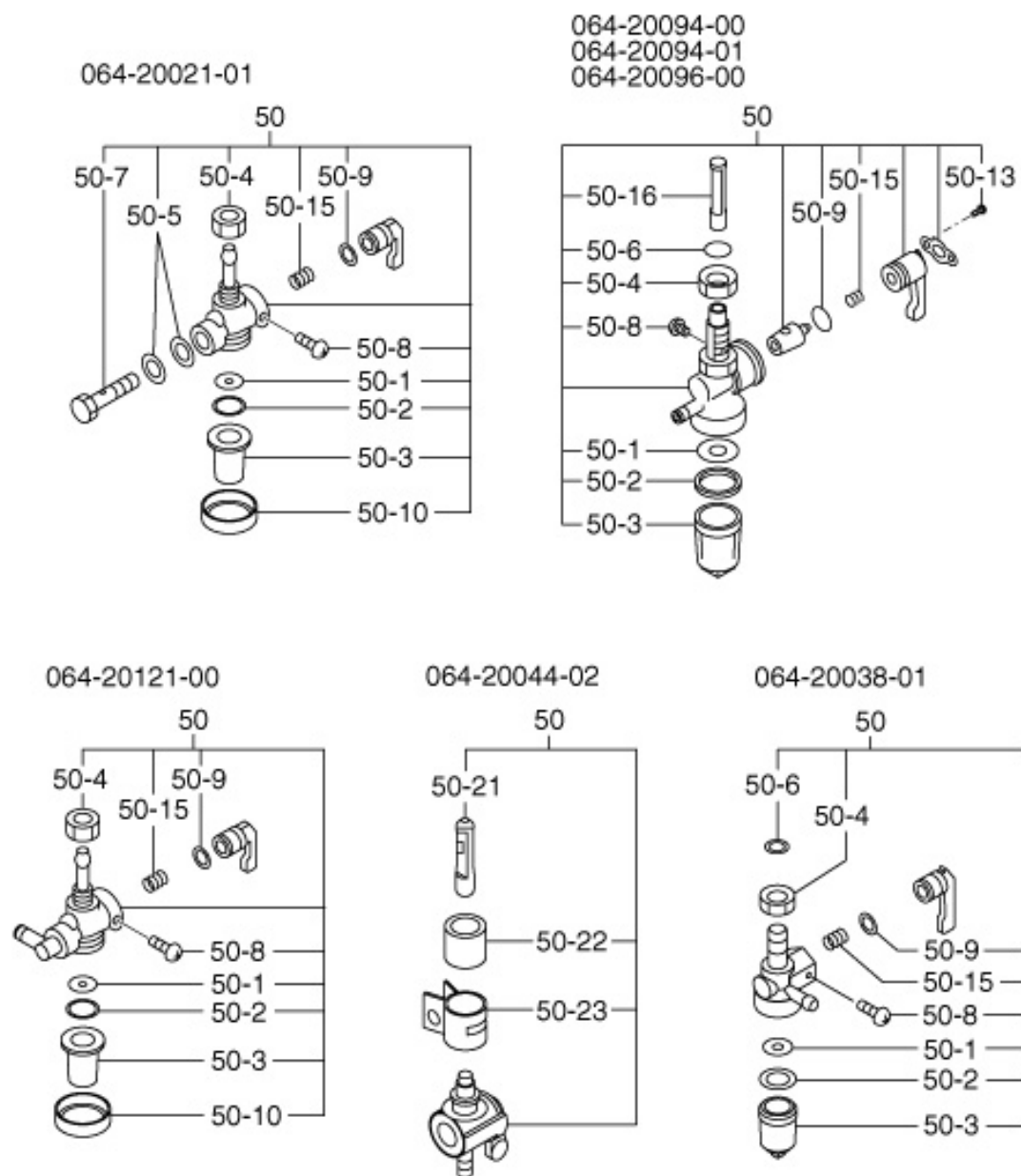
6 FUEL LUBRICANT



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	284-60101-02	FUEL TANK UN	-	1	1. 5L BLACK	
20	073-20051-81	LABEL(WARNING)	-	1	42X104 ENGLISH	
30	043-04401-32	FUEL TANK CAP CP	-	1		
32	043-41800-12	INNER CAP	-	1		
33	084-12600-20	SPONGE	-	1	20DX7. 5T	
34	021-02600-50	GASKET(TANK CAP)	-	1	T=1. 5	
35	023-24200-12	PARTITION PLATE	-	1		
36	021-33100-20	GASKET(FILTER)	-	1	31DX41DX1. 5T RUBBER	
40	064-14200-40	FUEL FILTER	-	1		
60	002-38080-00	FLANGE NUT	-	1	M8X1. 25X17DX7. 5H	
61	002-38060-00	FLANGE NUT	-	4	M6X1. 0X13DX6H	
63	011-00600-20	FLANGE BOLT	-	4	M6X1. 0X14DX12L	
70	284-62602-01	FUEL PIPE CP	-	1	FORMED	
90	056-10800-20	HOSE CLAMP	-	2	8. 5DX8BX0. 7T	
103	020-00802-20	WASHER	6602-	1	8. 5DX16DX1. 2T	20F-00802-20
	003-10080-00	WASHER	-6601	1	8. 5DX16DX1. 2T	
105	011-00605-70	FLANGE BOLT	6602-	2	M6X1. 0X13DX12L	
	014-00601-70	SCREW	-6601	2	M6X1. 0X13L	
110	284-61601-02	FUEL TANK BRACKET	-	1		20F-61601-01
111	284-61602-03	BRACKET 2(TANK)	-	1		
145	284-65001-03	SPONGE (TANKBRACKET)	-	1	55X45X5T	

6 FUEL LUBRICANT

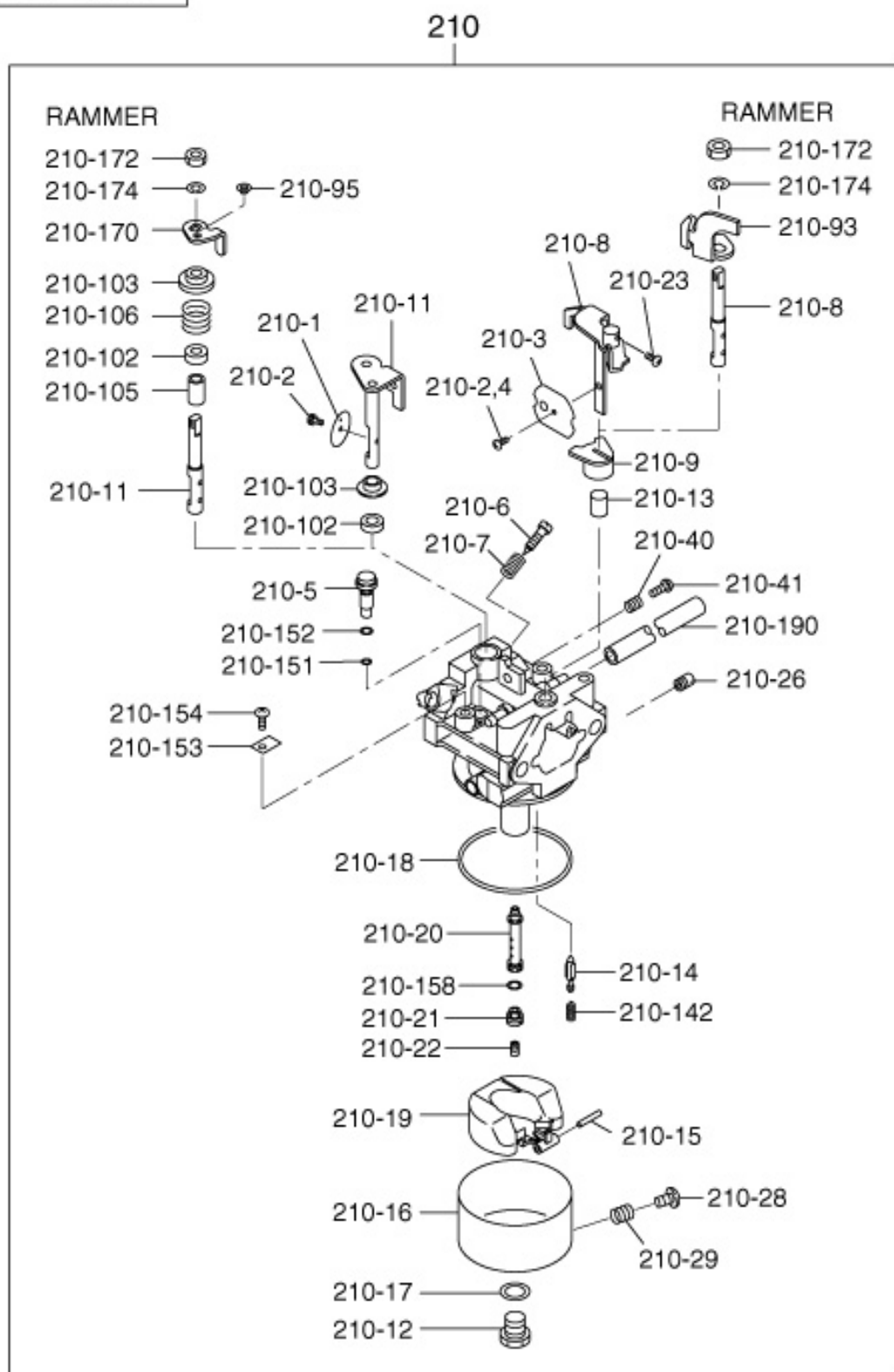
FIG. 630



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
50	064-20044-02	FUEL STRAINER AY	-	1		
- 21	064-20044-20	FILTER V-STD	-	1		
- 22	064-20044-90	JYJOINT PIPE V-STD	-	1		
- 23	064-20044-60	HOSE BAND AY V-STD	-	1		

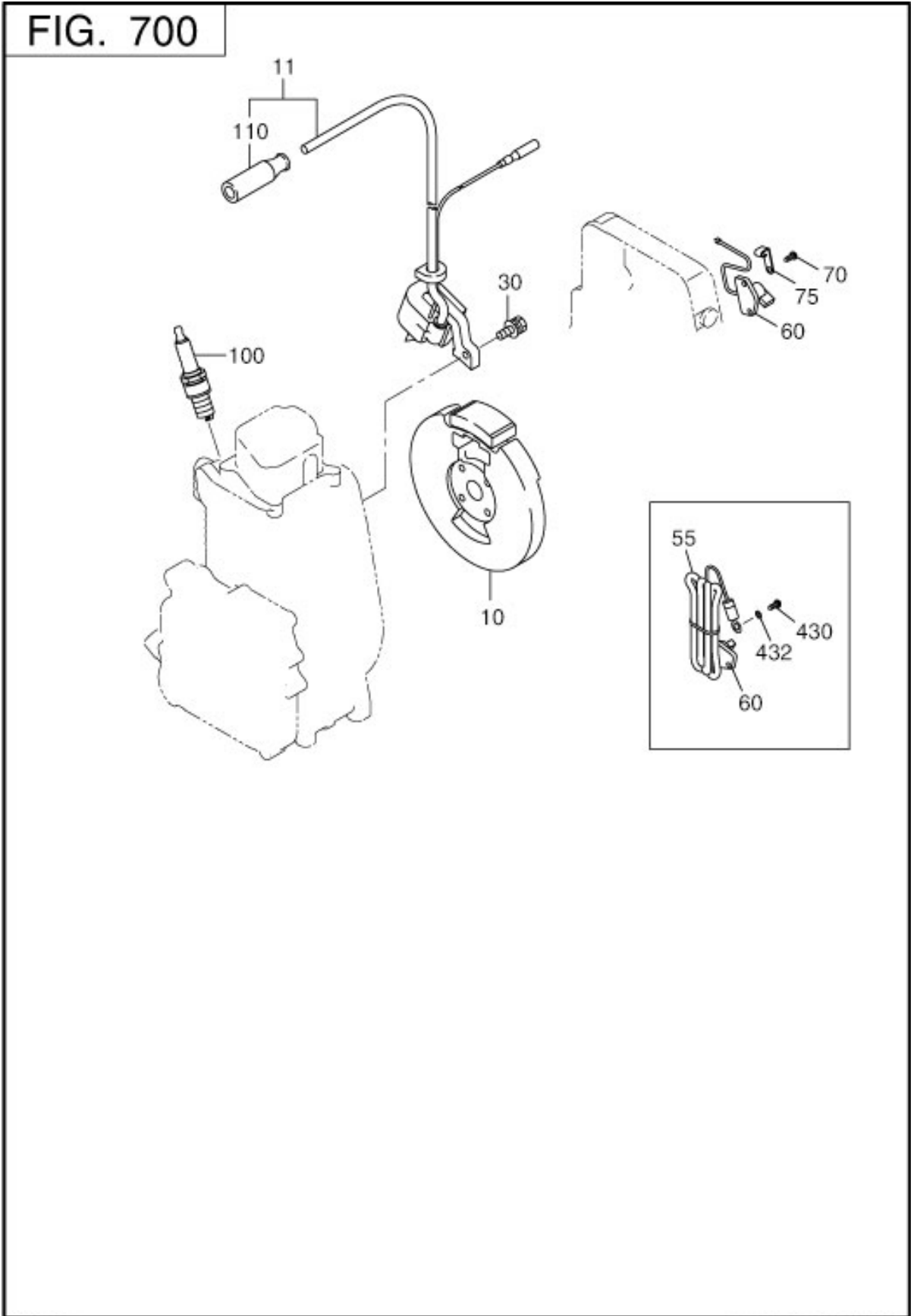
6 FUEL LUBRICANT

FIG. 640



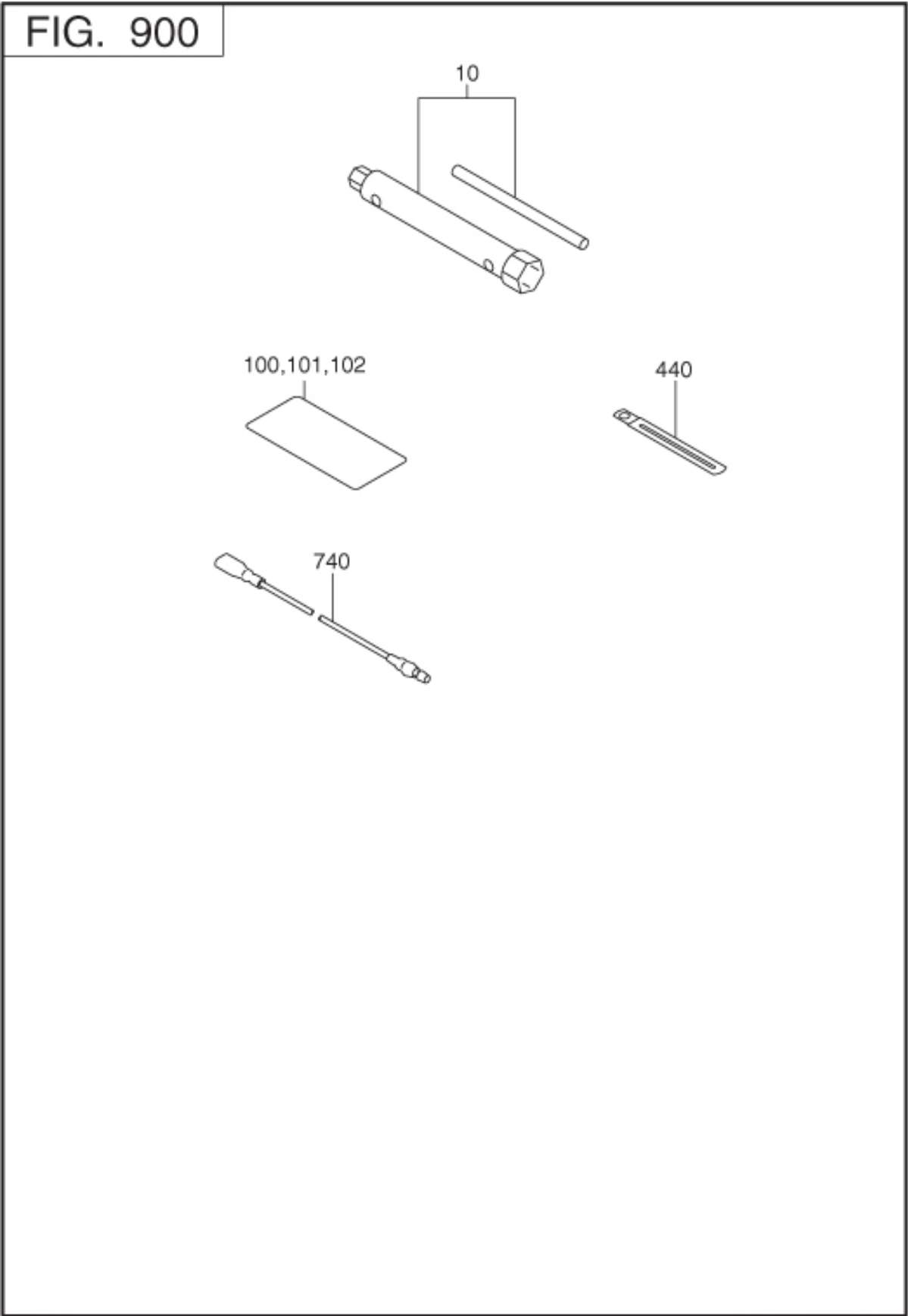
REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
210	284-62322-00	CARBURETOR AY	-	1		20F-62362-H0
- 1	284-62535-08	THROTTLE VALVE	-	1		
- 2	284-62455-08	SCREW	-	2		
- 3	284-62527-08	VALVE,CHOKE	-	1		
- 5	284-62420-08	SLOW JET	-	1		
- 8	284-62522-08	LEVER AY, CHOKE	-	1		
- 9	279-62563-18	COLLER,SHAFT1	-	1		
- 11	284-62532-08	SHAFT SUB AY(TH)	-	1		
- 12	284-62355-08	SCREW	-	1		
- 13	279-62564-08	COLLAR,SHAFT2	-	1		
- 14	279-62500-08	VALVE ASSY,NEEDLE	-	1		
- 15	284-62515-08	PIN,FLOAT LEVER	-	1		
- 16	284-62552-08	CHAMBER AY,FLOAT	-	1		
- 17	251-62350-08	GASKET	-	1		
- 18	284-62540-08	GASKET,CHAMBER	-	1		
- 19	284-62505-08	FLOT SUB AY	-	1		
- 22	284-62400-08	MAIN JET	-	1	#63	
- 23	284-62456-08	SCREW	-	1		
- 28	251-62661-08	DRAIN SCREW	-	1		
- 40	277-62581-08	SCREW ADJUST	-	1		
- 41	251-62449-08	SPRING	-	2		
-102	251-62559-08	BUSH	-	1		
-103	284-62560-08	COLLAR	-	1		
-151	284-62450-08	O-RING	-	1		
-152	284-62451-08	O-RING	-	1		
-153	284-62563-08	PLATE	-	1		
-154	284-62456-08	SCREW	-	1		

7 ELECTRIC DEVICE



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	284-79340-21	FLY WHEEL CP	-	1	MARK AP21	
11	284-79430-21	IGNITION COIL CP	-	1	MARK AH	284-79430-31
30	001-17062-50	BOLT & WASHER AY	-	2	M6X1. 0X25L W/W, SW	
60	066-00004-80	SWITCH AY	7000-	1		066-00004-81
	066-00003-71	SWITCH AY	-6999	1		066-00004-81
70	015-00400-90	TAPPING SCREW	-	2	M4X9. 5L	
75	056-60300-10	CLAMP	-	1	3. 5DXM4X8BX0. 8T	
100	065-01403-80	SPARK PLUG	-	1	NGK BMR4A	
110	284-75102-03	SPARK PLUG CAP	-	1		

9 ACCESSORIES LABEL



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	226-90307-10	ACCESSORY TOOL KIT	-	1		