



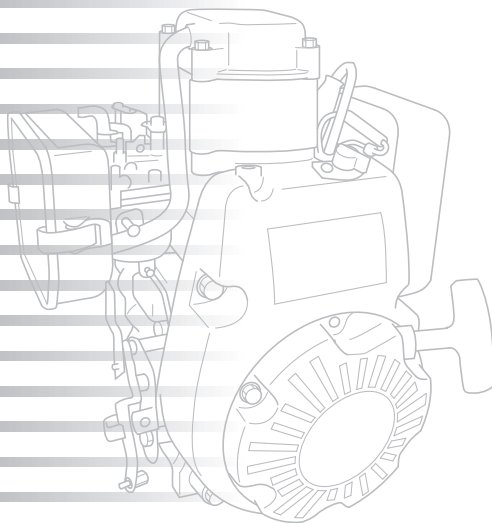
零件手冊

PARTS CATALOG

Model

EH09

Spec.No	Spec.Name
EH092FC4221	RAMMER
EH092FC4201	RAMMER
EH092FC4011	PLATE
EH092FC0012	STD



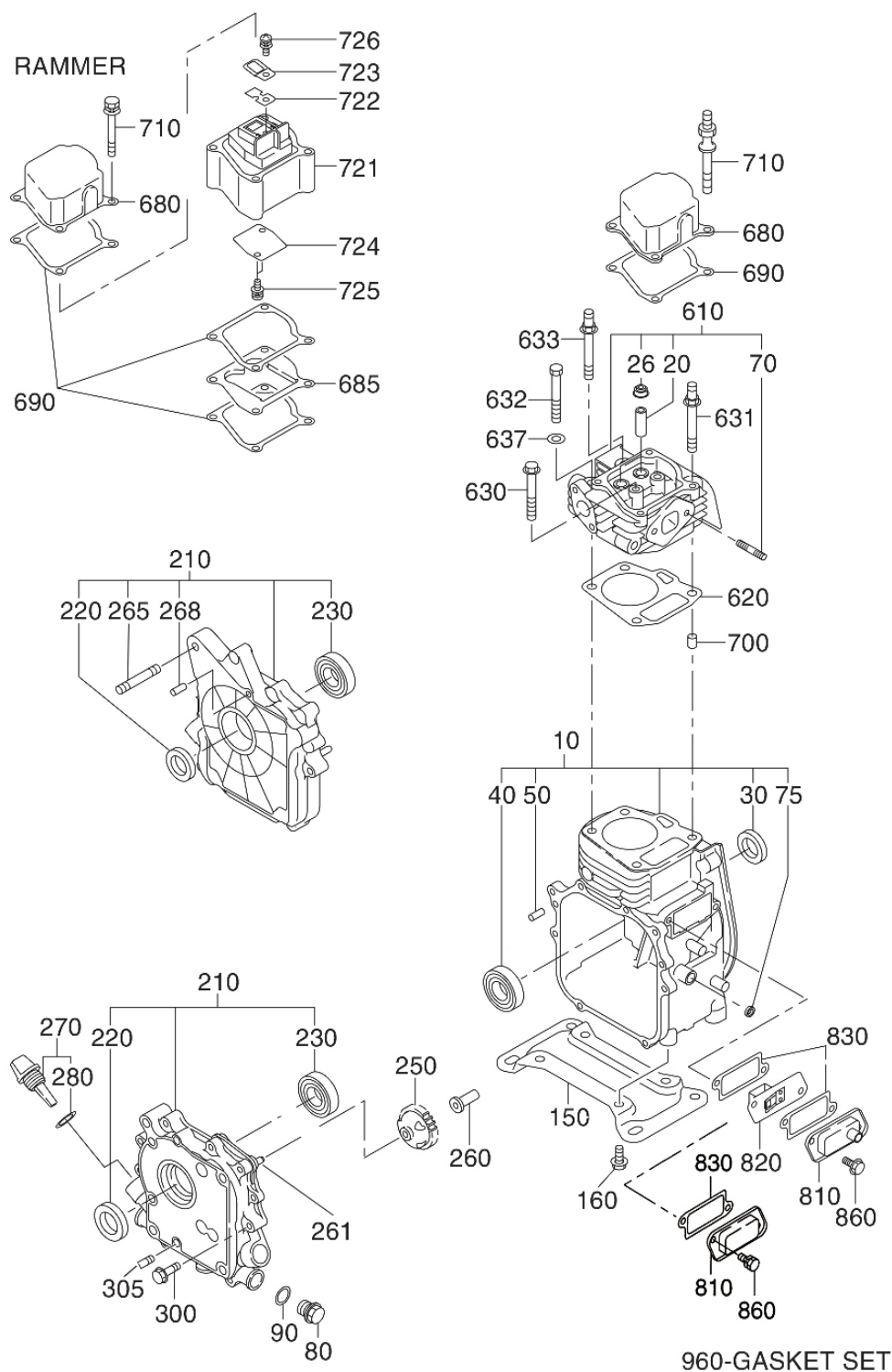
Robin Engine

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1 CRANKCASE

FIG. 100



1 CRANKCASE

REF. NO.	PART NUMBER	PART NAME		QTY	REMARKS	FIG.NO.
			SPEC.NO.			
10	20F-10109-01	CRANKCASE CP		1		100
	20F-10106-01	EH092FC4011				
		EH092FC0012				
20	237-14202-03	VALVE GUIDE		2	5.5DX9.5DX27L	100
26	20F-16010-01	STEM SEAL		1	5.5DX9.5DX15DX7.8B	100
30	044-02000-70	OIL SEAL		1	20DX32DX6B	100
40	060-02001-40	BALL BEARING		1	20DX42DX12B	100
50	X31-00600-50	DOWEL PIN		2	6DX14.5L	100
70	010-50604-30	STUD		2	M6X1.0X80L	100
75	20F-00600-20	OIL SEAL		1	6DX10DX2.5B	100
80	20F-11400-30	PLUG		1	M14X1.5X20DX12L	100
		EH092FC4011		2		
		EH092FC0012		2		
90	X21-11400-21	GASKET		1	14.1DX19DX2.3T	100
	20A-02202-00	EH092FC4011		2		
		EH092FC0012		2		
150	*****	BASE CP				100
	20F-13401-01	EH092FC4011		1		
		EH092FC0012		1		
160	*****	FLANGE AND WASHER				100
	20F-13081-80	EH092FC4011		4		
		EH092FC0012		4		
210	20F-11101-51	MAINBEARING COVER CP		1		100
	20F-11001-41	EH092FC4011		1		
		EH092FC0012		1		
220	044-02001-10	OIL SEAL		1	20DX32DX6B	100
230	X60-02002-00	BALL BEARING		1	20DX42DX12B	100
250	230-45003-01	GOVERNOR GEAR CP		1		100
260	205-41901-03	GOVERNOR SLEEVE		1		100
261	230-46201-03	GOVERNOR GEAR SHAFT		1		100
265	010-50805-00	STUD		4		100
268	X31-00600-50	DOWEL PIN		2	6DX14.5L	100
270	20F-63601-11	OIL GAUGE CP		1	M18X1.5	100
		EH092FC4011		2		
		EH092FC0012		2		
280	X21-31600-30	GASKET		1	16DX23DX1.2T	100
		EH092FC4011		2		
		EH092FC0012		2		

1 CRANKCASE

REF. NO.	PART NUMBER	PART NAME		QTY	REMARKS	FIG.NO.
			SPEC.NO.			
300	20F-00602-00	BOLT AND WASHER AY		11	M6X1.0X30L W/SW	100
	*****	FLANGE BOLT				
	20F-00601-01	EH092FC4011		10		
		EH092FC0012		10		
305	011-90501-00	BOLT(SOCKET HEAD)		1	M5X20L	100
610	20F-13011-01	CYLINDER HEAD AY		1		100
620	284-15001-13	GASKET (HEAD)		1	T=0.2	100
630	20F-00802-10	FLANGE BOLT		2	M8X1.25X16DX55L	100
		EH092FC4011		1		
		EH092FC0012		1		
631	20F-00804-10	BOLT		2	M8X55L-M8X12.5L	100
		EH092FC4011		1		
		EH092FC0012		1		
632	*****	BOLT			M8X60L	100
	20F-00804-20	EH092FC4011		1		
		EH092FC0012		1		
633	*****	FLANGE BOLT			M8X55L-M8X25L	100
	20F-00803-01	EH092FC4011		1		
		EH092FC0012		1		
637	*****	WASHER				100
	20F-00802-11	EH092FC4011		1		
		EH092FC0012		1		
680	20F-15502-03	ROCKER COVER		1		100
685	20F-14502-03	OIL SHELTER PLATE 2		1		100
690	284-16007-03	GASKET(ROCKER COVER)		3	T=0.5	100
		EH092FC4011		1		
		EH092FC0012		1		
700	20F-15011-03	PIPE KNOCK		2	10.3DX8.5DX14L	100
710	20F-00607-40	FLANGE BOLT		4	M6X1.0X11DX75L	100
	*****	BOLT				
	20F-00604-00	EH092FC4011		4	M6X30L-M6X9.8L	
		EH092FC0012		4		
721	20F-15602-13	BREATHER PLATE		1		100
722	284-16001-03	LEAF VALVE		1		100
723	284-16002-03	RETAINER PLATE		1		100
724	284-14501-03	OIL SHELTER PLATE1		1		100
725	013-10500-20	SCREW & WASHER AY		2	M5X0.8X10L W/W,SW	100

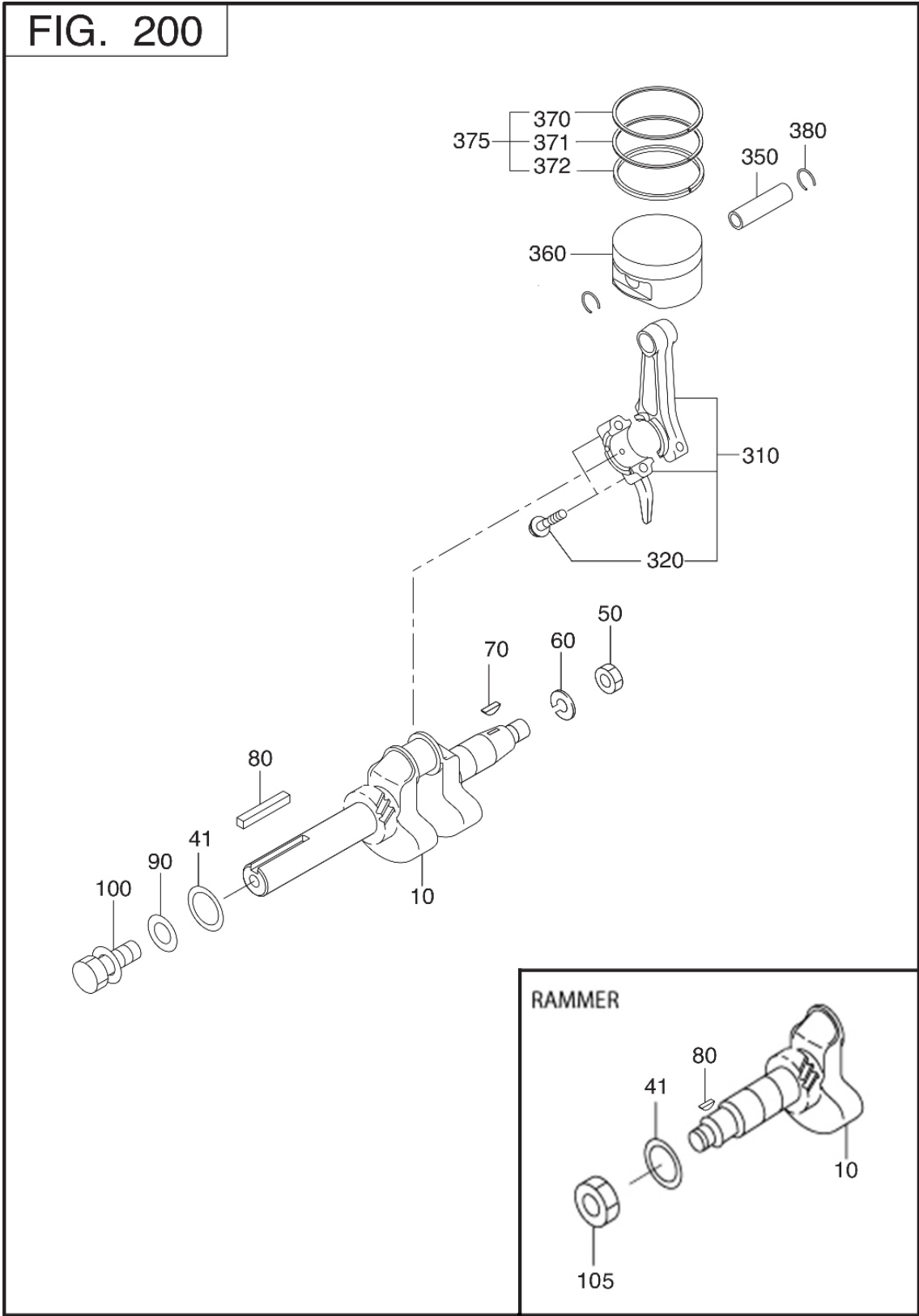
EH092

1 CRANKCASE

REF. NO.	PART NUMBER	PART NAME		QTY	REMARKS	FIG.NO.
			SPEC.NO.			
726	013-10500-20	SCREW & WASHER AY		1	M5X0.8X10L W/W,SW	100
810	284-17001-03	COVER(CASE)		1		100
	*****	BREATHER COVER CP				
	284-14301-01	EH092FC4011		1		
		EH092FC0012		1		
820	*****	BREATHER PLATE CP				100
	284-14401-01	EH092FC4011		1		
		EH092FC0012		1		
830	284-16008-03	GASKET(TAPPET COVER)		1	T=0.8	100
		EH092FC4011		2		
		EH092FC0012		2		
860	20F-14061-60	BOLT AND WASHER AY		2	M6X1.0X16L W/W,SW	100
	*****	FLAGE BOLT				
	20F-00600-21	EH092FC4011		2	M6X1.0X12L	
		EH092FC0012		2		
960	284-99001-H7	GASKET SET		1		100
		Incl ; FIG100-280,620,690(3),830. FIG300-340,550,560.				
	284-99002-H7	EH092FC4011		1		100
		EH092FC0012		1		100
		Incl ; FIG100-280(2),620,690,830(2). FIG300-340,550,560.				

2 CRANKSHAFT,PISTON GR

FIG. 200

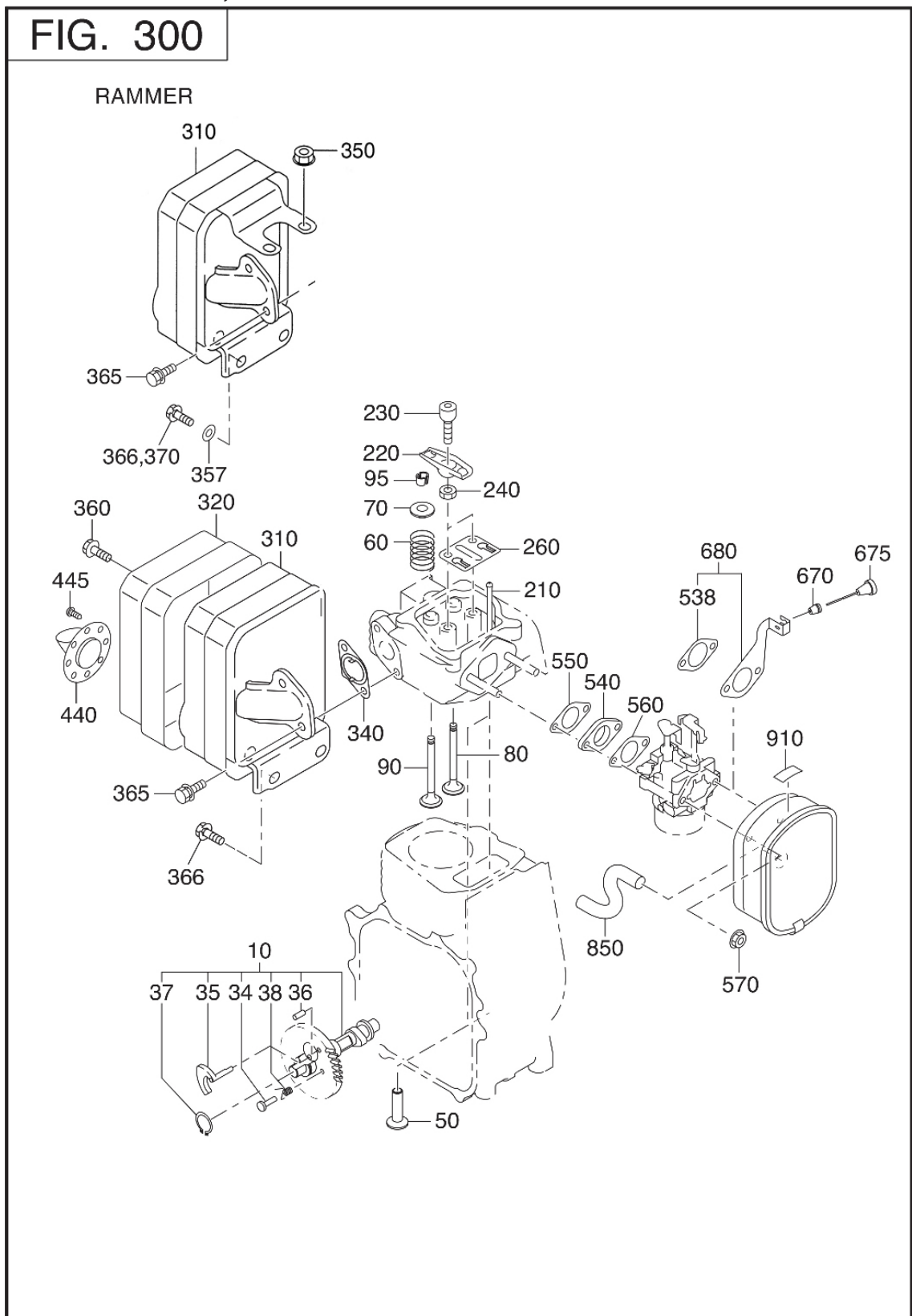


2 CRANKSHAFT,PISTON GR

REF. NO.	PART NUMBER	PART NAME		QTY	REMARKS	FIG.NO.
			SPEC.NO.			
10	20F-20301-11	CRANKSHAFT CP		1	Φ15 L=188	200
	20F-20701-21	EH092FC4011		1	Φ17 L=204	
	20F-20202-21	EH092FC0012		1	Φ15 L=204	
41	20F-02001-90	SPACER		1	20.5DX28DX1.0T	200
50	20F-18140-00	NUT		1		200
60	X20-31400-20	SPRING WASHER		1	14.2DX24.5D	200
70	005-32031-01	WOODRUFF KEY		1		200
80	005-32042-01	WOODRUFF KEY		1		200
	*****	KEY				
	005-30053-01	EH092FC4011		1		
		EH092FC0012		1		
90	*****	WASHER			6.5DX24DX2.3T	200
	20F-00600-40	EH092FC4011		1		
		EH092FC0012		1		
100	*****	BOLT AND WASHER AY				200
	20F-13061-80	EH092FC4011		1		
		EH092FC0012		1		
105	017-31200-10	LOCK NUT		1	12DX6HX17B	200
310	20F-22501-30	CONNECTING ROD AY		1		200
320	284-23001-03	CONNECTING ROD BOLT		2	M5X0.8X11DX25L	200
350	20F-23301-03	PISTON PIN		1		200
360	20F-23401-H3	PISTON		1		200
370	20F-23601-03	TOP RING		1		200
371	20F-23701-03	SECOND RING		1		200
372	20F-23921-03	OIL RING		1	W/O EMIS	200
	20F-23901-03	EH092FC0012		1	W/ EMIS	
375	20F-23501-H7	PISTON RING SET		1	W/O EMIS STD	200
	20F-23502-H7	PISTON RING SET		1	W/O EMIS O/S 0.25	
	20F-23503-H7	PISTON RING SET		1	W/O EMIS O/S 0.5	
	20F-23512-H7	EH092FC0012		1	W/ EMIS STD	
380	056-51100-10	CLIP		2	13DX1.0D	200

3 INTAKE, EXHAUST

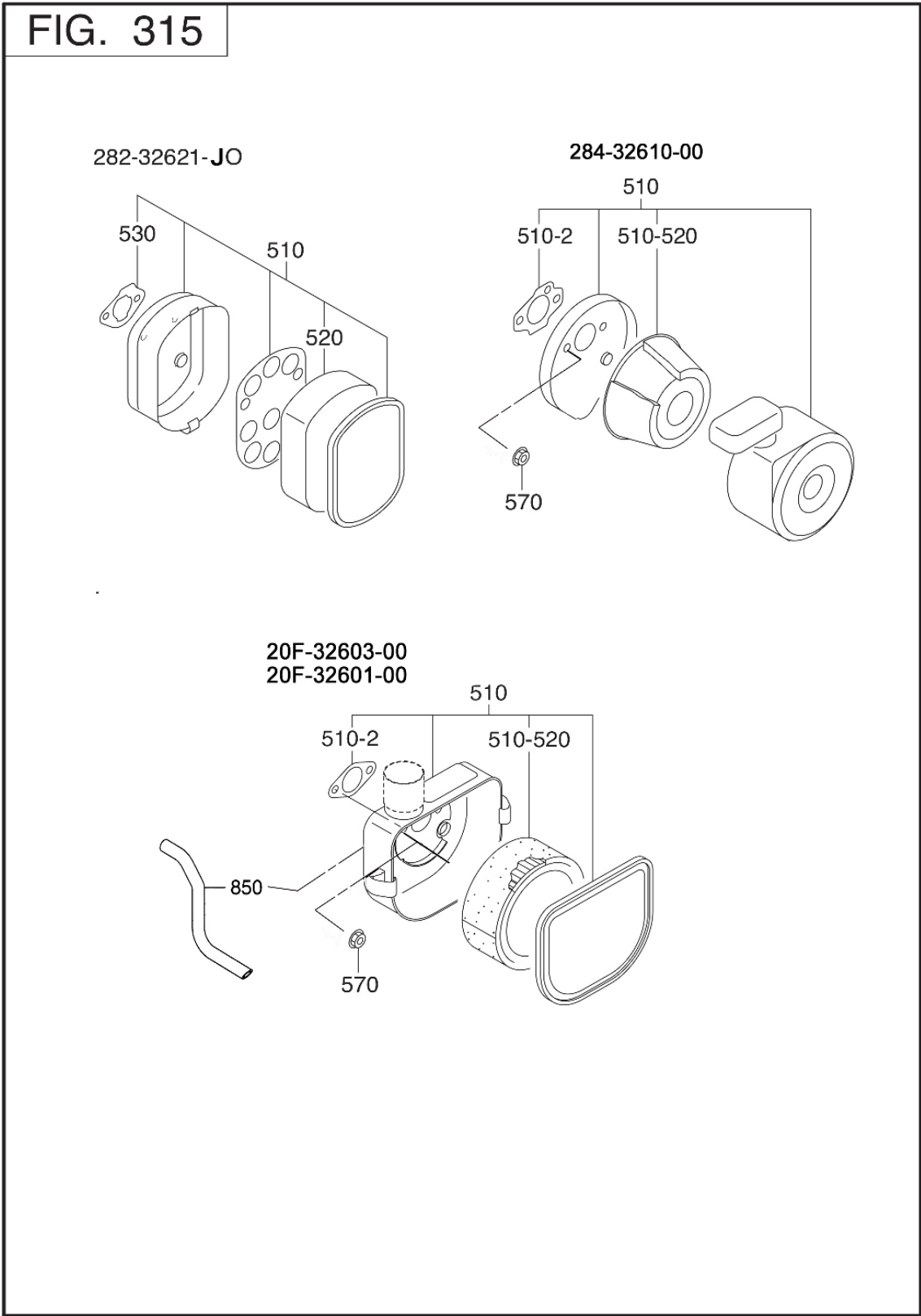
FIG. 300



3 INTAKE, EXHAUST

REF. NO.	PART NUMBER	PART NAME		QTY	REMARKS	FIG.NO.
			SPEC.NO.			
10	20F-31702-21	CAMSHAFT CP		1	L=92 63DX6.6B N=38	300
34	227-38601-23	PIN(SPRING)		1	3.8DX7.5DX14L	300
35	284-36401-03	RELEASE LEVER		1		300
36	005-19041-00	SPRING PIN		1	4.4DX10LX0.8T	300
37	003-15170-00	SNAP RING OUTER		1		300
38	274-38701-23	RETURN SPRING		1	5DX0.5DX5.2L N=9.7	300
50	20F-33301-03	TAPPET		2	17DX8DX32L	300
60	20F-33601-03	VALVE SPRING		2	17.1DX2DX26.7L N=5.5	300
70	20F-33712-03	SPRING RETAINER		2		300
80	20F-33411-03	INTAKE VALVE		1	21DX5.5DX63.6L	300
90	20F-33511-03	EXHAUST VALVE		1	18DX5.5DX63.6L	300
95	20F-35501-03	COLLET-VALVE		4		300
210	20F-35301-03	PUSH ROD		2	4DX121.6L	300
220	20F-36001-13	ROCKER ARM		2		300
230	269-35802-03	BOLT (PIVOT)		2	M6X0.75X19L SOCKET H	300
240	X17-00600-90	NUT		2	M6X0.75X5.1H	300
260	20F-36501-03	GUIDE PLATE		1		300
310	20F-30105-01	MUFFLER CP		1		300
	20F-30101-21	EH092FC4011		1		
		EH092FC0012		1		
320	*****	MUFFLER COVER CP				300
	20F-34201-11	EH092FC4011		1		
		EH092FC0012		1		
340	284-35201-03	GASKET (EXHAUST)		1	T=0.2	300
350	20F-38080-00	FLANGE NUT		2	M8X1.25X17DX7.5H	300
357	020-00801-70	WASHER		1	RAM	300
360	*****	TAPPING BOLT				300
	015-20600-90	EH092FC4011		3	M6X13DX10L	
		EH092FC0012		3		
365	011-00604-60	FLANGE BOLT		2	M6X1.0X13DX14L	300
	20F-13061-60	EH092FC4011		2		
		EH092FC0012		2		
366	20F-14081-60	BOLT AND WASHER AY A		1	L/M8X1.25X16L W/W,SW	300
		EH092FC4011		2		
		EH092FC0012		2		
370	013-00802-40	BOLT AND WASHER AY		1	RAM/R.H.	300

3 INTAKE, EXHAUST

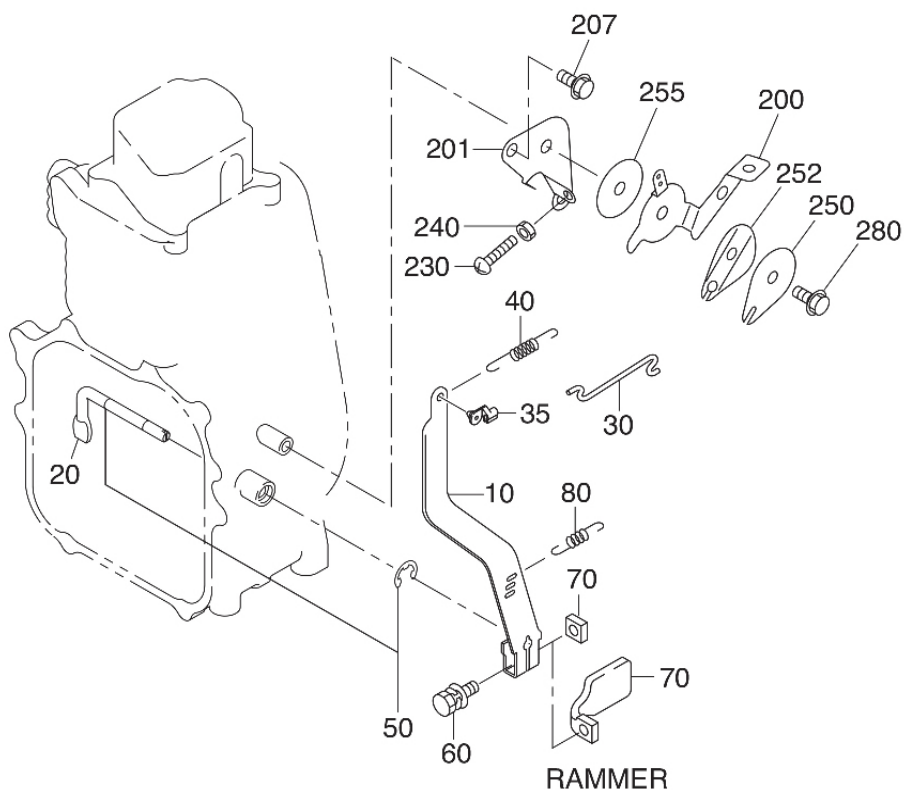


3 INTAKE, EXHAUST

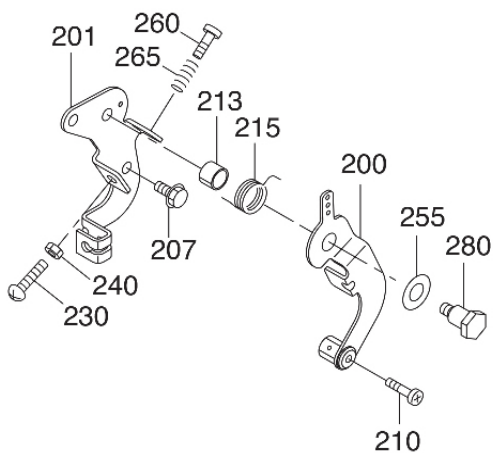
REF. NO.	PART NUMBER	PART NAME		QTY	REMARKS	FIG.NO.
			SPEC.NO.			
440	*****	DEFLECTOR CP				300
	20F-37001-01	EH092FC4011		1		
		EH092FC0012		1		
445	*****	TAPPING SCREW				300
	015-00400-10	EH092FC4011		2		
		EH092FC0012		2		
510	20F-32603-00	AIR CLEANER AY		1	W/II GRADE FILTER	315
	20F-32601-00	EH092FC4201		1	DIRECT INLET PORT	
	284-32610-00	EH092FC4011		1	CYCLONE	
	282-32621-J0	EH092FC0012		1	PUMP	
-2	284-32621-08	PACKING		1		315
	*****	GASKET				
	227-36004-13	EH092FC4011		1		
-520	20F-32606-08	ELEMENT SET		1	CYCLONE	315
	252-32613-07	EH092FC4011		1		
520	282-36002-H3	ELEMENT SET		1	PUMP	315
530	*****	GASKET				315
	282-36004-H3	EH092FC0012		1		
538	*****	GASKET			T=0.3	300
	20F-35902-H3	EH092FC4011		1		
540	20F-32912-13	INSULATOR		1	T=5	300
550	284-35903-03	GASKET (INTAKE1)		1	T=0.5	300
560	284-35904-03	GASKET (INTAKE2)		2	T=0.3	300
570	20F-60600-20	SELF LOCK NUT		2	M6X1.0	315
	*****	NUT&WASHER AY				315
	226-39212-H0	EH092FC4011		2		
	*****	FLANGE NUT				300
	20F-38060-00	EH092FC0012		2		
670	*****	GROMMET				300
	024-10200-10	EH092FC4011		1		
675	*****	KNOB CP EH				300
	20F-43904-01	EH092FC4011		1		
680	*****	CHOKE BRACKET CP				300
	284-47101-01	EH092FC4011		1		
850	20F-16104-01	RUBBER PIPE		1	RAM	315
	*****	RUBBER PIPE				300
	20F-16105-03	EH092FC4011		1		
	20F-16101-03	EH092FC0012		1		

4 GOVERNOR, OPERATION

FIG. 400



CABLE CONTROL



4 GOVERNOR, OPERATION

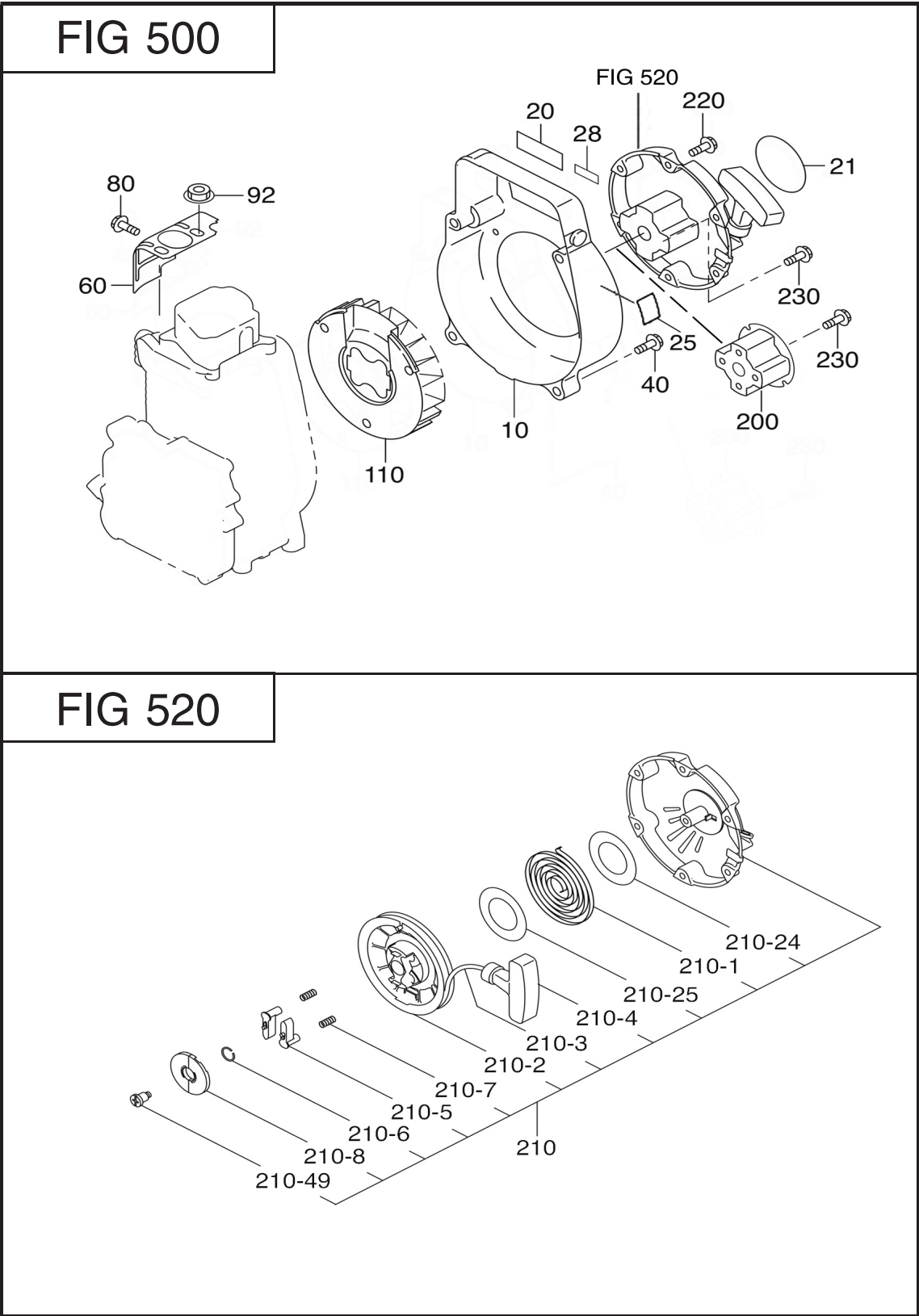
REF. NO.	PART NUMBER	PART NAME		QTY	REMARKS	FIG.NO.
			SPEC.NO.			
10	284-42304-03	GOVERNOR LEVER		1		400
	284-42306-03	EH092FC4011		1		
		EH092FC0012		1		
20	20F-42201-13	GOVERNOR SHAFT		1		400
30	284-42702-01	GOVERNOR ROD		1		400
	234-42701-H3	EH092FC4011		1		
		EH092FC0012		1		
35	284-45601-03	LINKAGE BUSHING		1	RAM	400
40	284-42804-03	ROD SPRING		1		400
	234-42801-H3	EH092FC4011		1		
		EH092FC0012		1		
50	003-13050-00	CLIP		2	5DX11DX0.6T	400
60	20F-14063-00	BOLT AND WASHER AY		1	M6X1.0X30L	400
	20F-14062-50	EH092FC4011		1		
		EH092FC0012		1		
70	20F-49002-01	WEIGHT CP		1		400
	*****	NUT				
	018-60600-20	EH092FC4011		1		
		EH092FC0012		1		
80	252-42503-23	GOVERNOR SPRING		1	6.9DX0.9DX39L	400
	284-42506-03	EH092FC4011		1		
		EH092FC0012		1		
200	230-43302-10	SPEED CONTROL AY		1		400
	284-43301-01	EH092FC4011		1		
		EH092FC0012		1		
201	274-45101-01	BASE PLATE CP		1		400
	230-45001-11	EH092FC4011		1		
		EH092FC0012		1		
207	20F-00600-10	FLANGE BOLT		2	M6X1.0X14DX8L	400
210	004-31041-40	SCREW, PANHEAD		1	M4X0.7X14L	400
213	023-01000-40	SPACER		1	10.2DX12.2DX9T	400
215	226-45003-13	RETURN SPRING		1	15.5DX1.6DX9L N=4.5	400
230	20F-31063-00	SCREW		1	M6X1.0X30L	400
240	20F-27060-00	NUT		1	M6X1.0X3.6H	400
250	*****	STOP PLATE				400
	20F-43501-13	EH092FC4011		1		
		EH092FC0012		1		

4 GOVERNOR, OPERATION

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5 COOLING,STARTING GRP



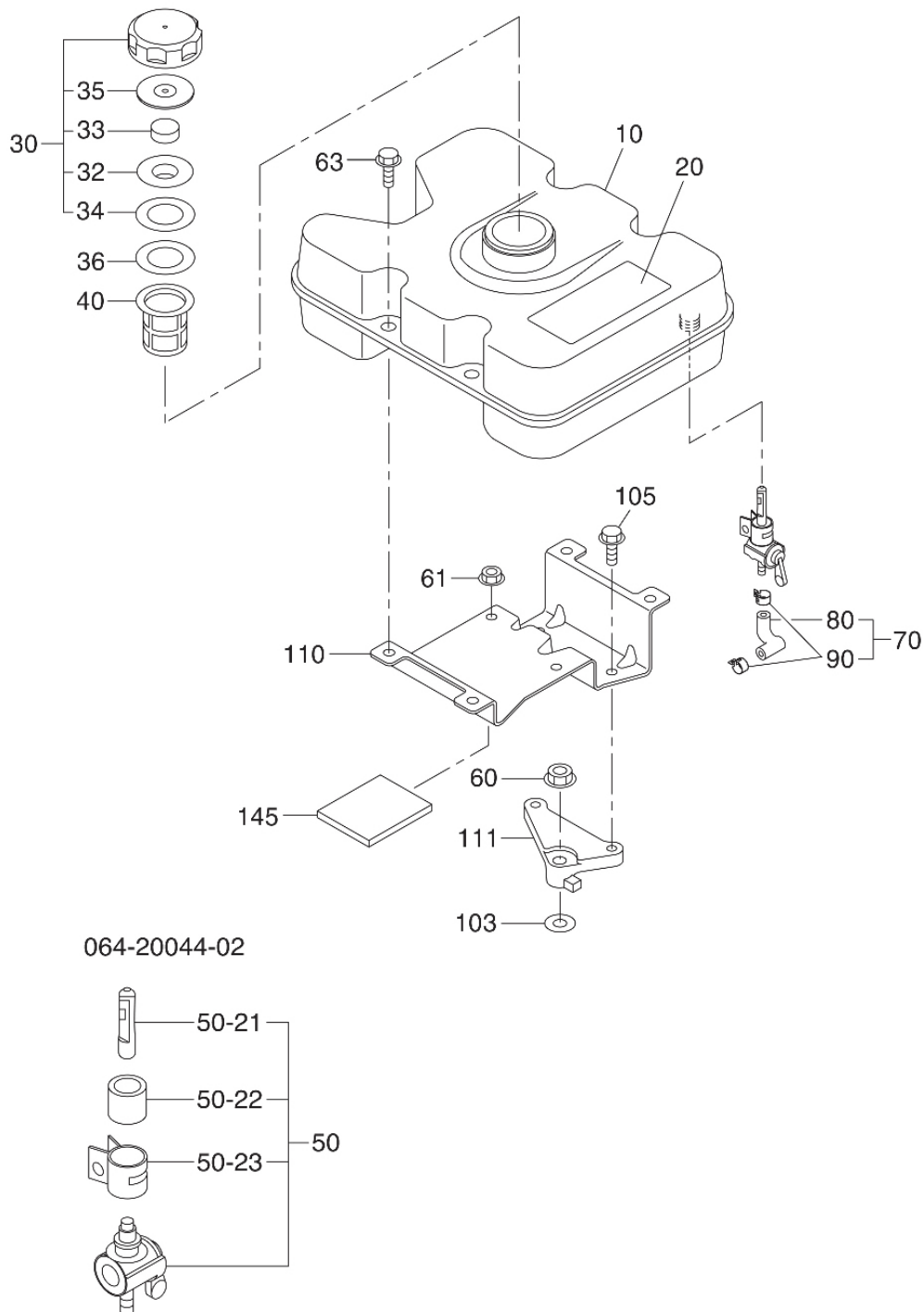
5 COOLING,STARTING GRP

REF. NO.	PART NUMBER	PART NAME		QTY	REMARKS	FIG.NO.
			SPEC.NO.			
10	20F-51101-23	BLOWER HOUSING		1		500
	20F-52301-01	EH092FC4011		1		
		EH092FC0012		1		
20	20F-95105-H3	LABEL(MODEL)		1	40X75	500
21	X73-20070-20	LABEL(TRADE MARK)		1	60D	500
25	20F-91705-H3	LABEL(ENGINE NAME)		1		500
28		LABEL(EMISSION CONT)				500
	284-95216-H3	EH092FC4201		1		
	284-95215-H3	EH092FC4221		1		
	284-95218-H3	EH092FC0012		1		
40	20F-04083-50	FLANGE BOLT		4	M8X1.25X16DX35L	500
	20F-04081-60	EH092FC4011		3		
		EH092FC0012		3		
60	20F-52601-01	CYLINDER BAFFLE		1		500
80	20F-00600-10	FLANGE BOLT		1	M6X1.0X14DX8L	500
92	*****	FLANGE NUT			M8X1.25X17DX7.5H	500
	20F-38080-00	EH092FC4011		1		
		EH092FC0012		1		
110	20F-54101-03	COOLING BLOWER		1		500
200	20F-50146-08	STARTER PULLEY		1		500
	20F-50145-08	EH092FC4011		1		
		EH092FC0012		1		
210	20F-50221-20	RECOIL STARTER AY		1		520
	20F-50211-40	EH092FC4011		1		
		EH092FC0012		1		
-1	20F-50115-08	SPIRAL SPRING		1		520
-2	20F-50120-18	REEL		1		520
-3	20F-50112-18	STARTER ROPE		1		520
-4	20F-50100-18	STARTER KNOB		1		520
-5	20F-50125-08	RATCHET		2		520
-6	274-50131-08	FRICTION SPRING		1		520
-7	227-50135-08	RETURN SPRING		2		520
-8	270-50261-08	RATCHET GUIDE		1		520
-24	20F-50152-08	SLIDE PLATE B		1		520
-25	20F-50150-08	SLIDE PLATE B		1		520
-49	227-50152-08	SET SCREW		1		520
220	20F-00600-10	FLANGE BOLT		3	M6X1.0X14DX8L	500
230	20F-00600-40	FLANGE BOLT		4	M6X1.0X14DX12L /RAM	500

6 FUEL LUBRICANT

FIG. 600

TANK, FITS 4011/0012

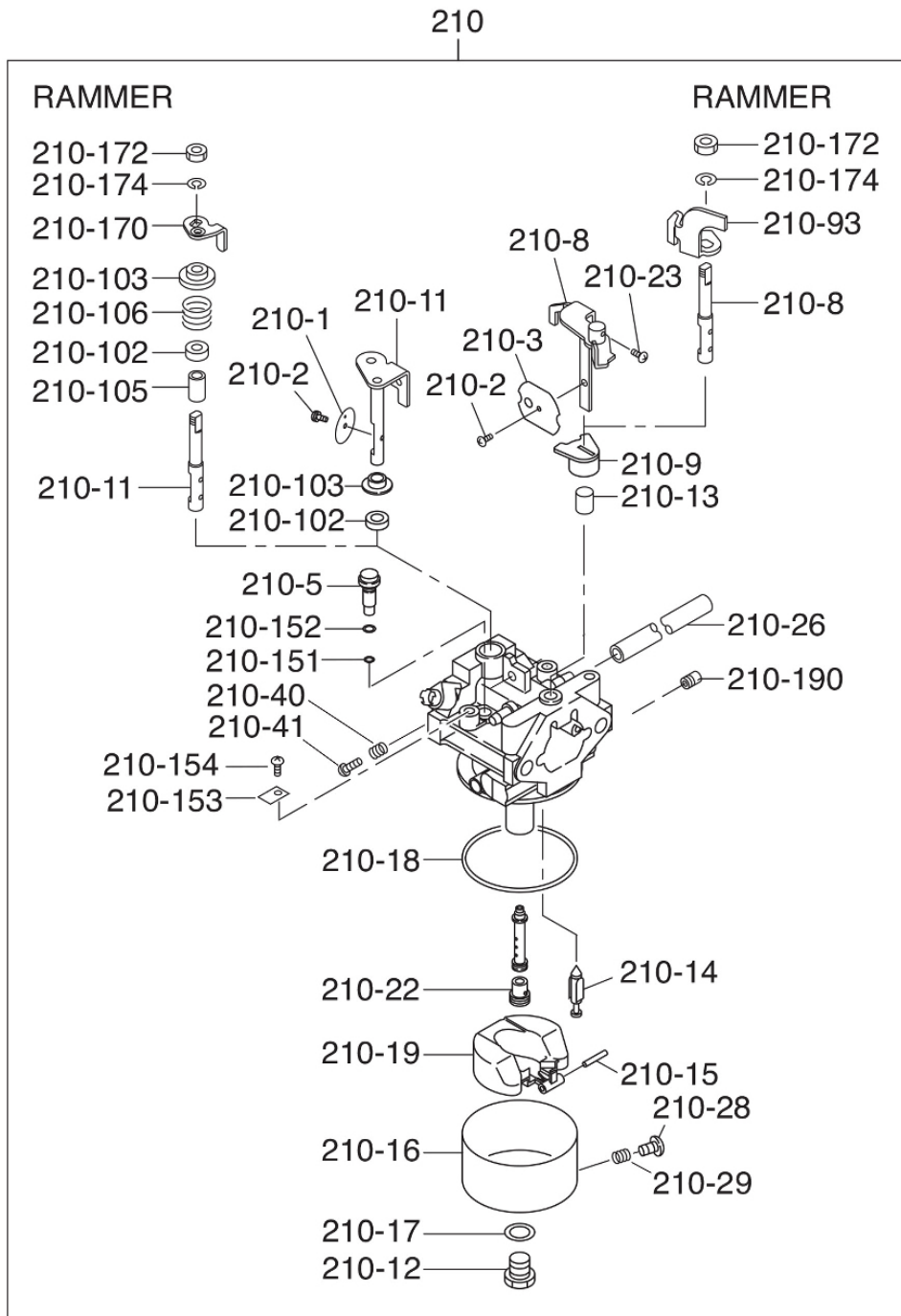


6 FUEL LUBRICANT

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6 FUEL LUBRICANT

FIG. 640

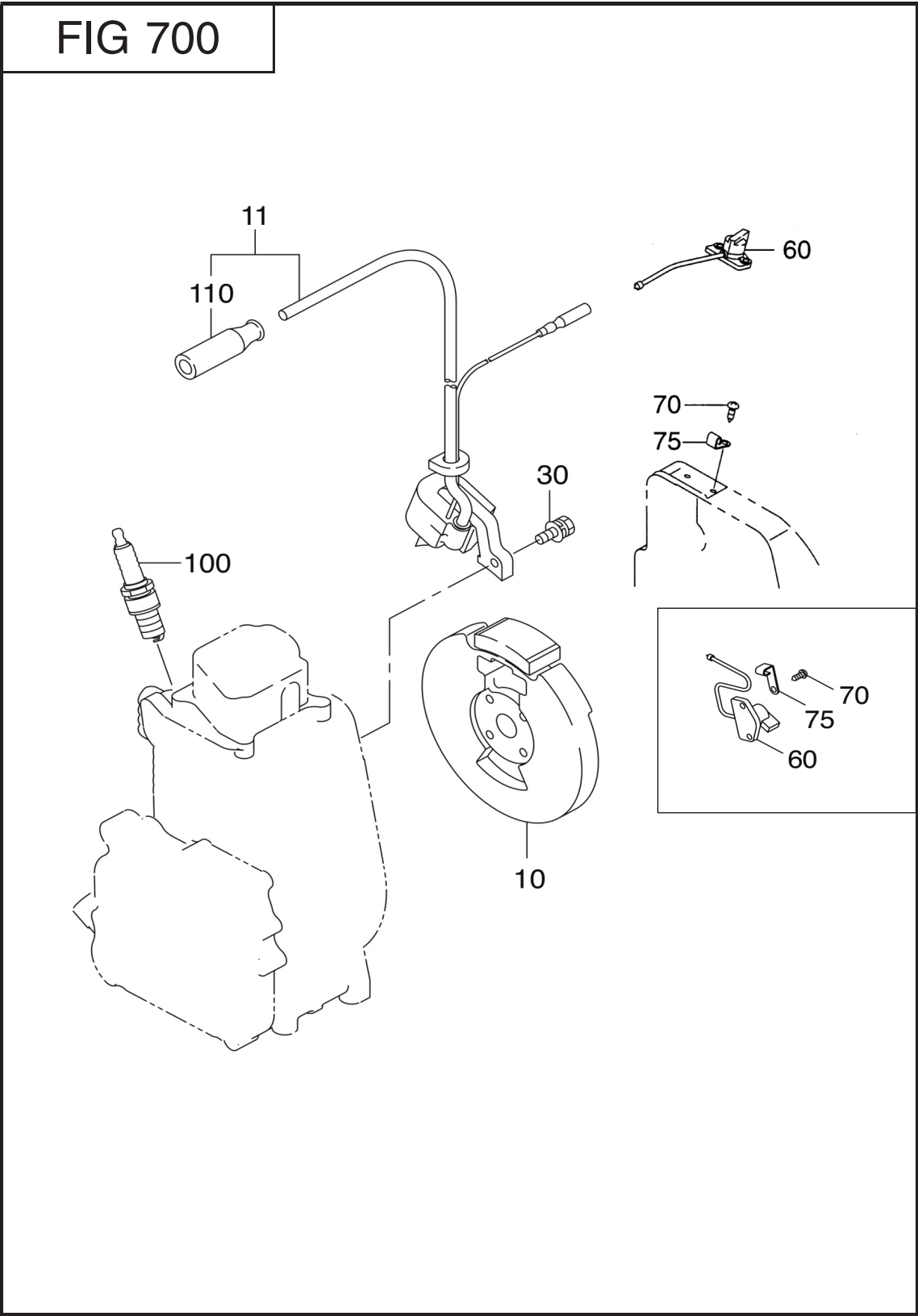


6 FUEL LUBRICANT

REF. NO.	PART NUMBER	PART NAME		QTY	REMARKS	FIG.NO.
			SPEC.NO.			
210	20F-62371-K0	CARBURETOR AY		1		640
	20F-62372-K0	EH092FC4201		1		
	20F-62362-J0	EH092FC4011		1		
	20F-62361-J0	EH092FC0012		1		
-1	284-62535-08	THROTTLE VALVE		1		640
-2	284-62455-08	SCREW		2		640
-3	284-62527-08	VALVE,CHOKE		1		640
-5	284-62420-08	SLOW JET		1		640
-8	284-62523-08	LEVER AY, CHOKE		1		640
	284-62522-08	EH092FC4011		1		
		EH092FC0012		1		
-11	284-62533-08	SHAFT SUB AY(TH)		1		640
	284-62532-08	EH092FC4011		1		
		EH092FC0012		1		
-12	284-62355-08	SCREW		1		640
-14	279-62500-08	VALVE ASSY,NEEDLE		1		640
-15	284-62515-08	PIN,FLOAT LEVER		1		640
-16	284-62552-08	CHAMBER AY,FLOAT		1		640
-17	251-62350-08	GASKET		1		640
-18	284-62540-08	GASKET,CHAMBER		1		640
-19	284-62505-08	FLOT SUB AY		1		640
-22	284-62401-08	MAIN JET		1	#63	640
	284-62400-08	EH092FC4011		1	#68	
		EH092FC0012		1		
-28	251-62661-08	DRAIN SCREW		1		640
-40	251-62449-08	SPRING		1		640
-41	277-62581-08	SCREW ADJUST		1		640
-102	251-62559-08	BUSH		1		640
-103	284-62560-08	COLLAR		1		640
-151	284-62450-08	O-RING		1		640
-152	284-62451-08	O-RING		1		640
-153	284-62563-08	PLATE		1		640
-154	284-62456-08	SCREW		1		640

7 ELECTRIC DEVICE GR

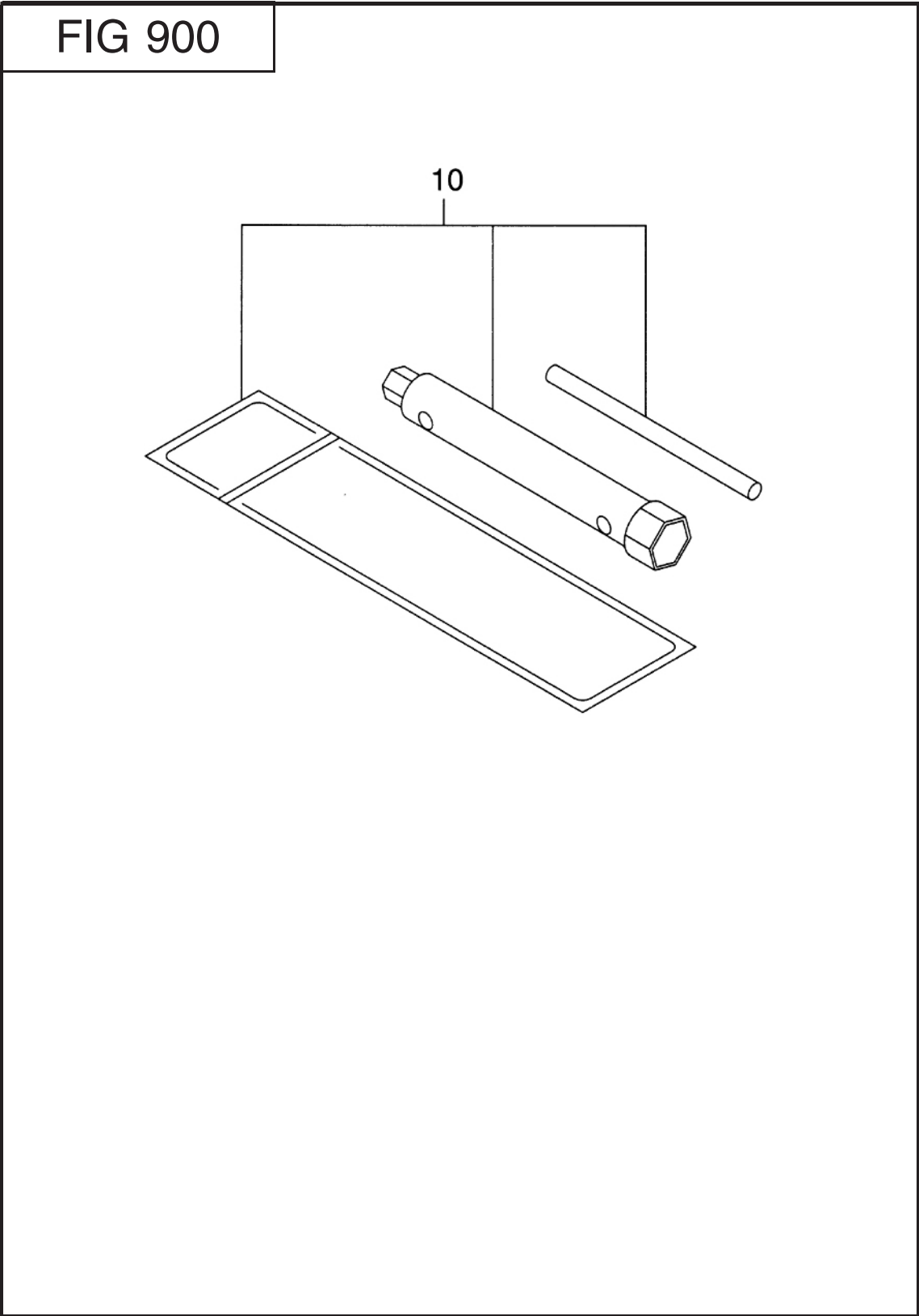
FIG 700



7 ELECTRIC DEVICE GR

[illegible]

9 ACCESSORIES



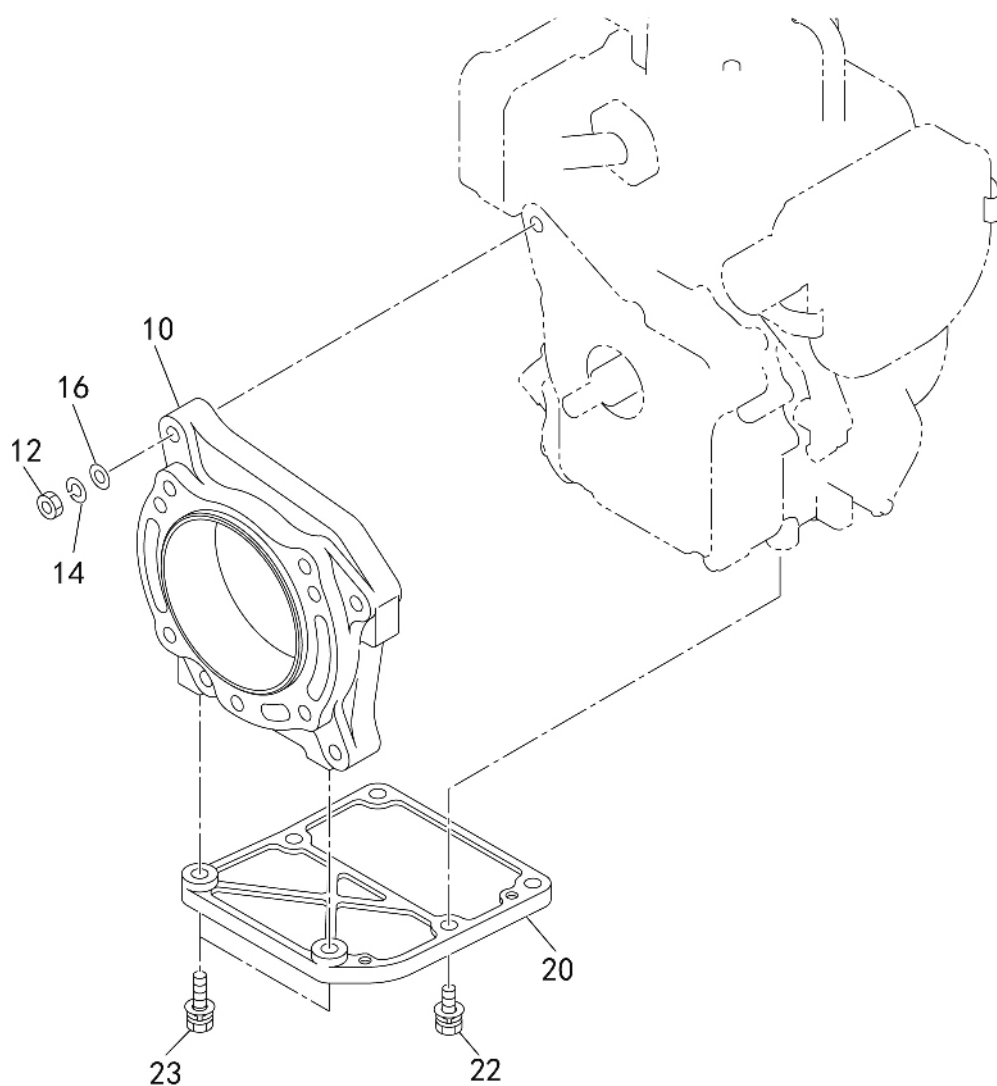
9 ACCESSORIES

[illegible]

10. PARTS TO BE SHIPPED LOOSE

FIG 1000

RAM type



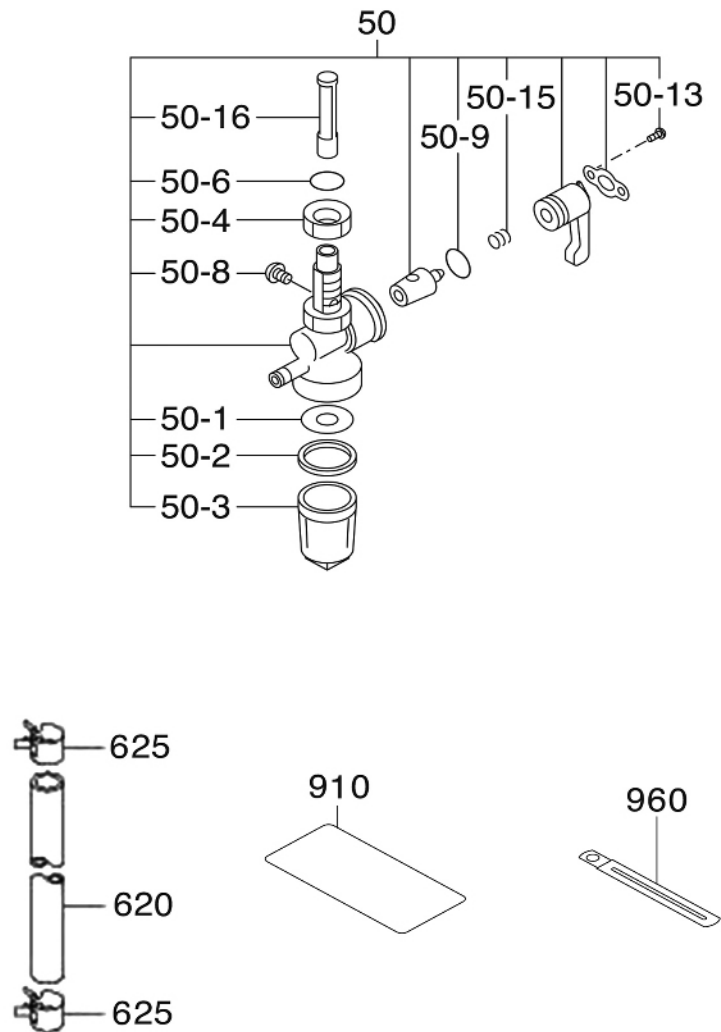
10. PARTS TO BE SHIPPED LOOSE

[illegible]

11. PARTS TO BE SHIPPED LOOSE

FIG 1001

RAM type



11. PARTS TO BE SHIPPED LOOSE

[illegible]









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PRINTED IN CHINA
January 2018