



Model EX27

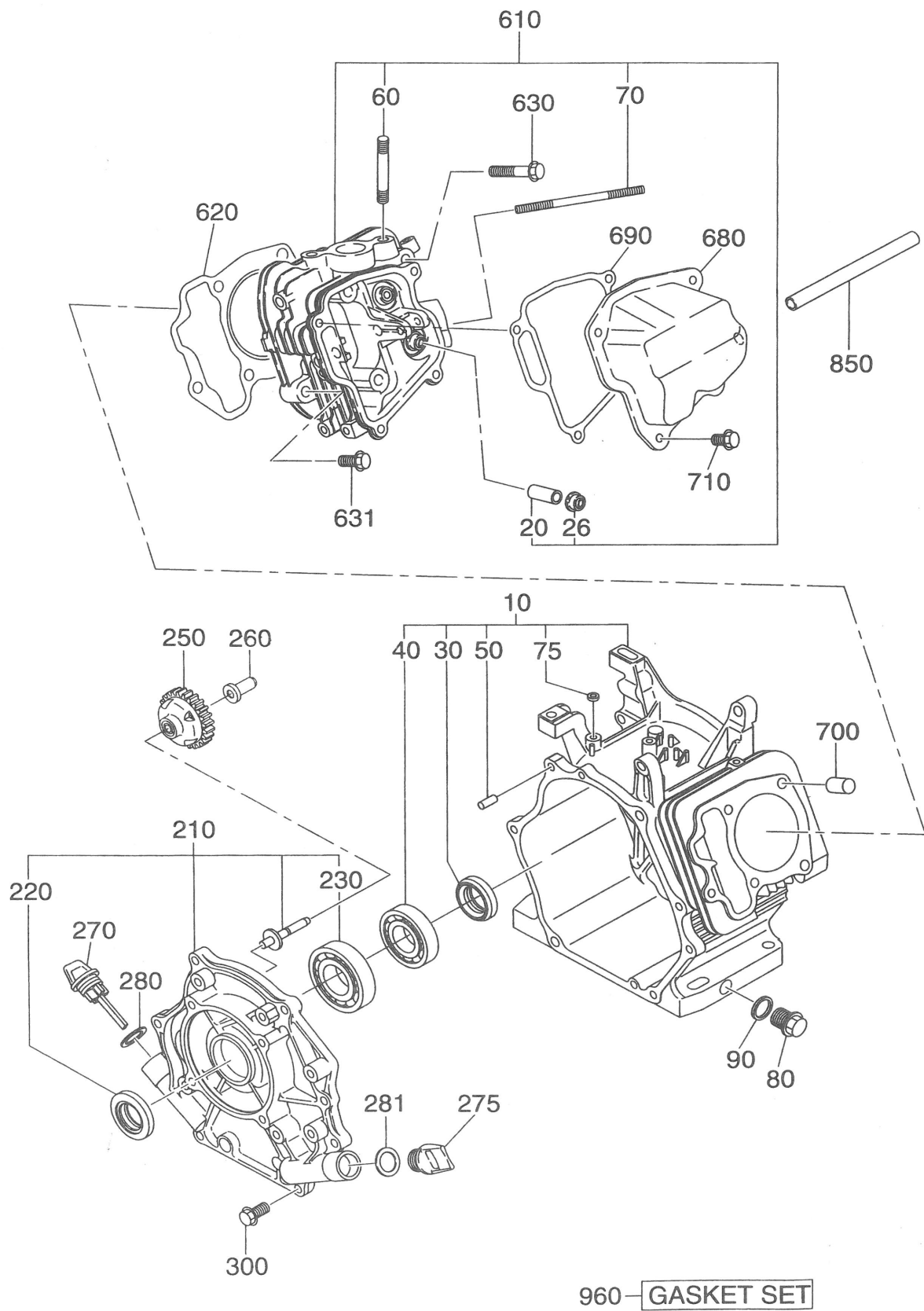
PARTS CATALOG

Spec. No.	Spec. Name
EX270D00000	STD
EX270D00010	EX, STD
EX270D10010	EX, PUMP
EX270D20010	GEN, DUAL, OS
EX270D40010	DUAL, CABLE CONTROL
EX270D50000	EX, DU
EX270D50020	EX, DU, DUAL, CABLE CONTROL, OS
EX270D51010	EX, DP, DUAL, OS
EX270D52010	EX, DH, 50, OS
EX270D52020	EX, DH, OS

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Recoil Starter	520
6. FUEL LUBRICANT	600
Carburetor	640
7. ELECTRIC DEVICE	700
Oil level Sensor	770
9. ACCESSORIES LABEL	900

FIG. 100



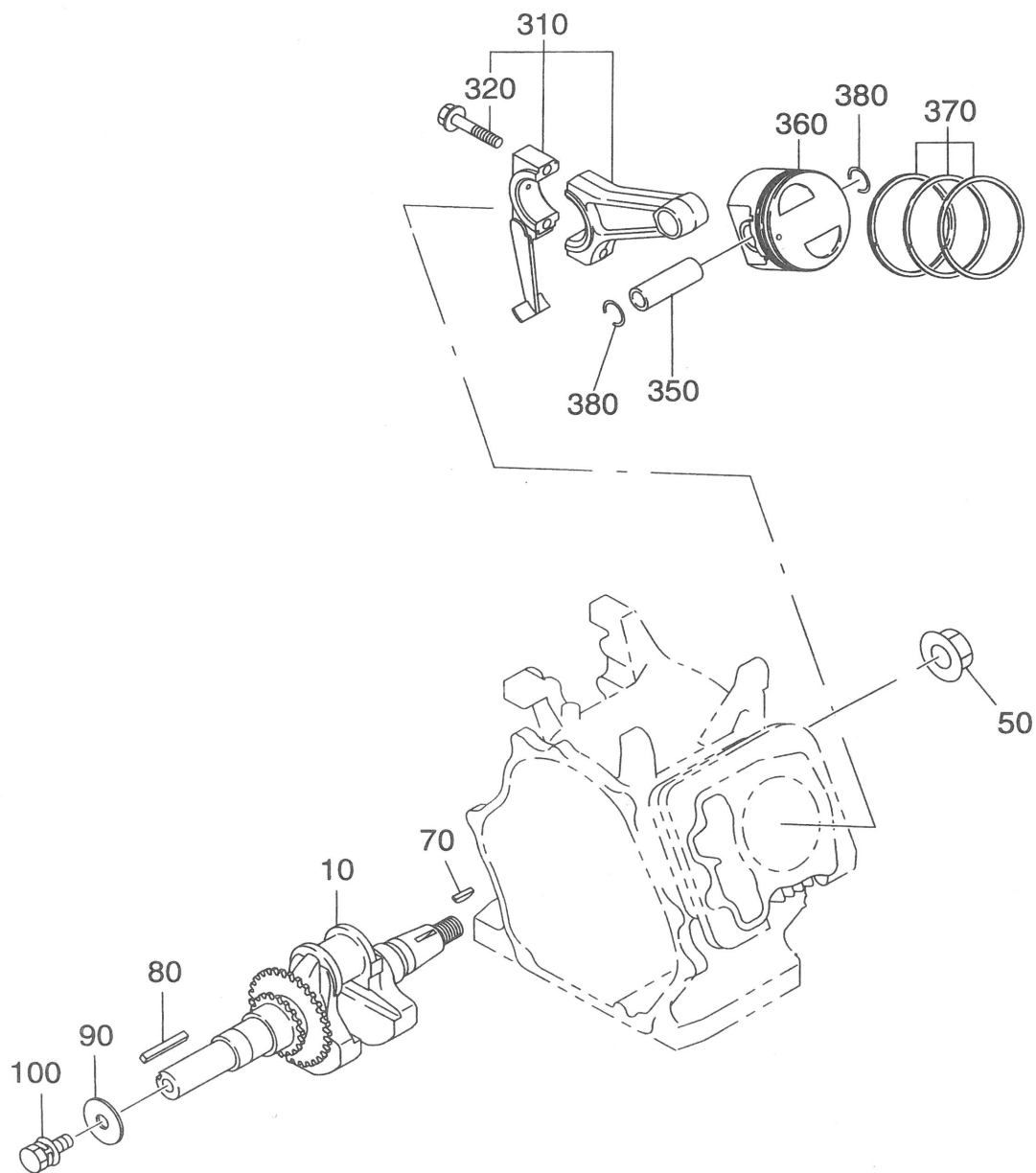
1 CRANK CASE

REF. NO.	PART NUMBER		PART NAME	CODE NO. FROM - TO	QTY	REMARKS	INTERCHANGEABLE PART NUMBER	FIG. NO.
		PART NUMBER						
10	279-10101-21		CRANK CASE CP	-	1			100
	279-10102-21		EX270D20010	-	1	W/OIL SENSOR		100
			EX270D50020	-	1			100
			EX270D51010	-	1			100
			EX270D52010	-	1			100
			EX270D52020	-	1			100
20	237-14202-03		VALVE GUIDE	-	2	5. 5DX9. 5DX27L		100
26	277-16010-01		STEM SEAL	-	1	5DX11. 6DX15DX7. 8T		100
30	044-03001-60		OIL SEAL	-	1	28. 8DX45DX7T		100
40	060-03003-40		BALL BEARING	-	1	BB6206 30DX62DX16B		100
50	277-15011-03		PIPE KNOCK	-	2	10DX8. 5DX14L		100
60	010-50802-50		STUD	-	2	M8X1. 25X25L		100
70	010-50604-10		STUD	-	2	M6X1. 0X107L		100
75	044-00600-20		OIL SEAL	-	1	5. 6DX10DX2. 5T		100
80	040-11400-30		PLUG	-	2	M14X1. 5X20DX12L		100
90	021-11400-20		GASKET	-	2	14. 1DX19DX2. 3T		100
210	279-11001-11		MAIN BEARING COVER C	-	1	FLANGE 4-M8X1. 25		100
	279-11002-01		EX270D50000	-	1	FLANGE 4-5/16-24UNF		100
			EX270D50020	-	1			100
			EX270D51010	-	1			100
			EX270D52010	-	1			100
			EX270D52020	-	1			100
	279-11101-01		EX270D10010	-	1	FLANGE 4-M8X1. 25		100
			EX270D20010	-	1			100
220	044-03001-60		OIL SEAL	-	1	28. 8DX45DX7T		100
230	060-03000-20		BALL BEARING	-	1	BB6206	060-03002-20	100
250	277-45004-21		GOVERNOR GEAR CP	-	1	52. 5DX29T N=33		100
260	263-41901-03		GOVERNOR SLEEVE	-	1	6DX7. 6DX16DX26L		100
270	279-63601-03		OIL GAUGE	-	1	M22X1. 5 L=67. 5+18		100
275	279-65001-03		FILLER PLUG	-	1	M22X1. 5 L=12+18		100
280	021-32000-50		GASKET	-	1			100
281	021-32000-50		GASKET	-	1			100
300	001-04083-50		FLANGE BOLT	-	7			100
610	279-13001-01		CYLINDER HEAD CP	-	1			100
620	279-15001-13		GASKET (HEAD)	-	1			100
630	011-00802-40		FLANGE BOLT	-	4	M8X1. 25X68L		100

1 CRANK CASE

[illegible]

FIG. 200



2 CRANKSHAFT, PISTON

[illegible]

FIG. 300

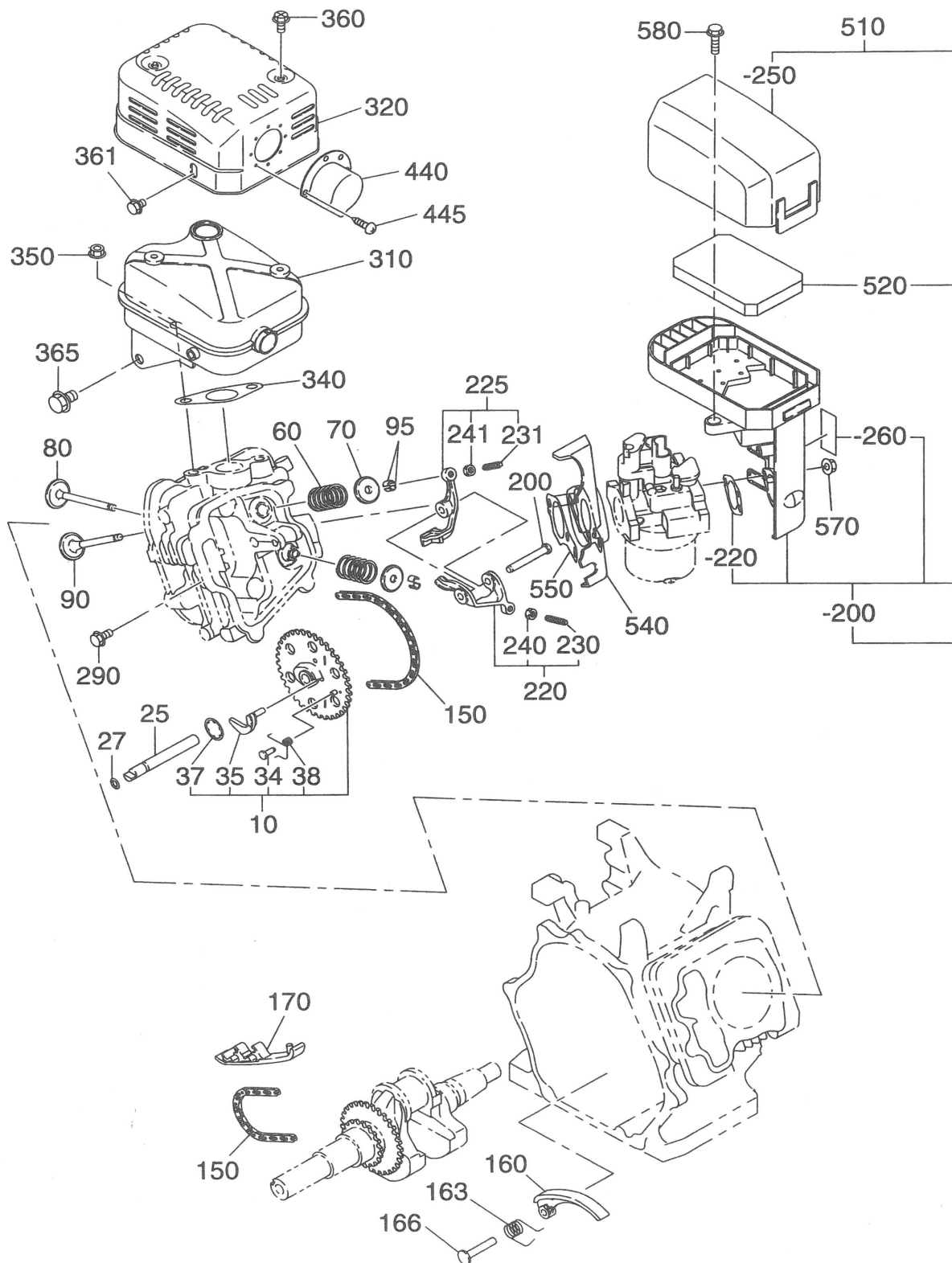
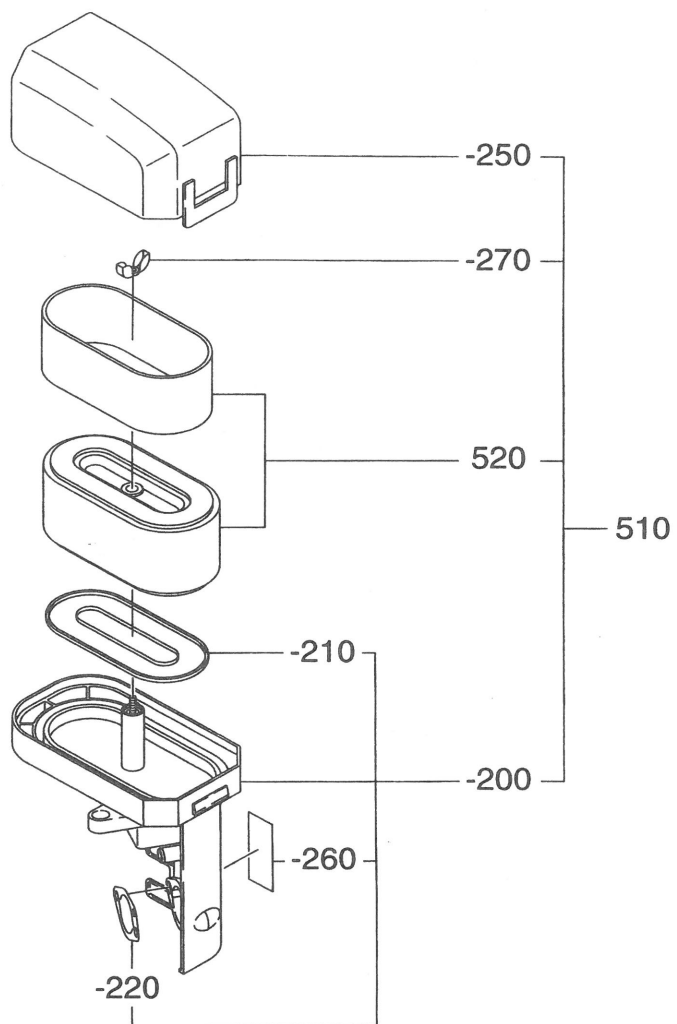


FIG. 315



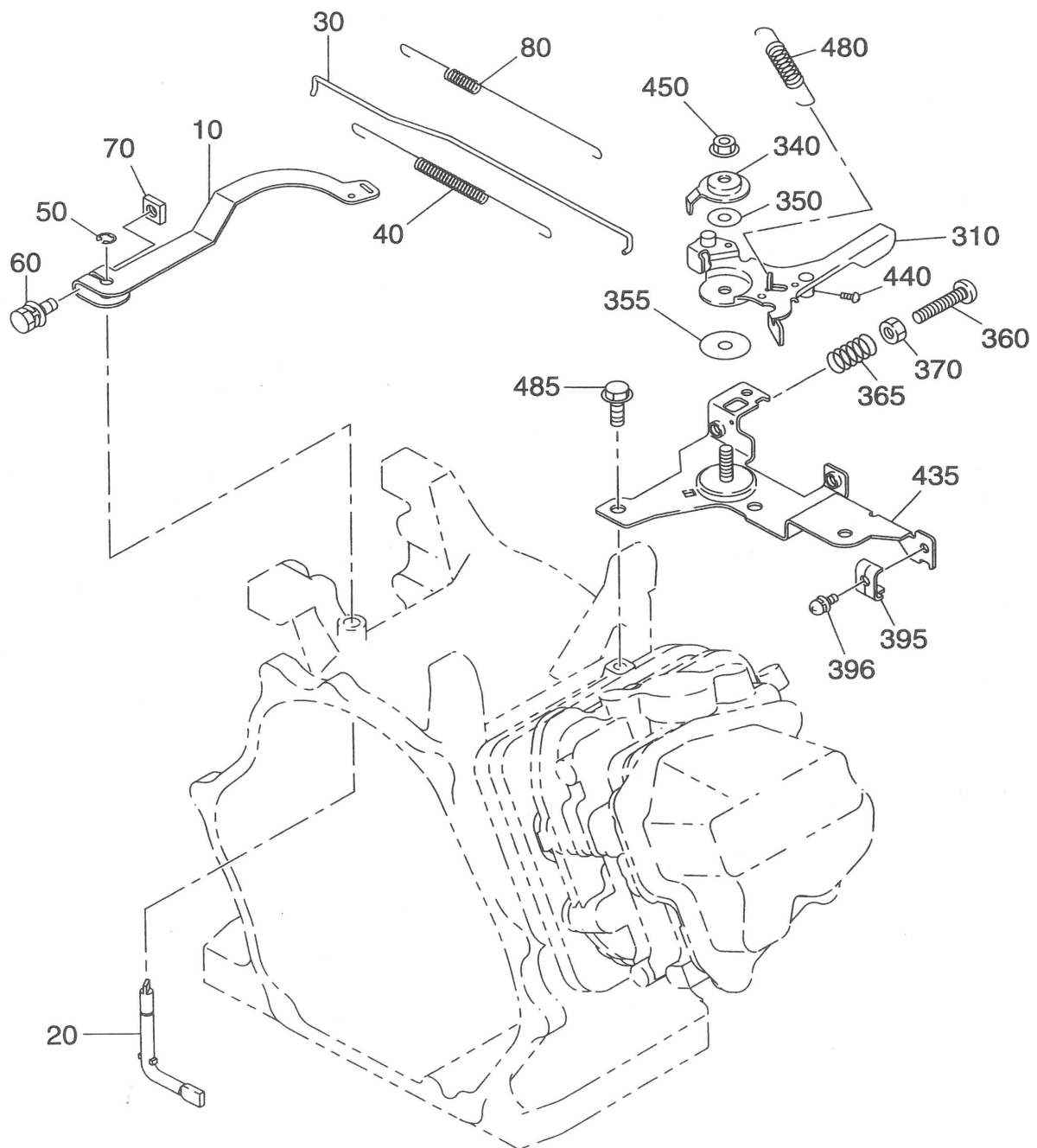
3 INTAKE EXHAUST

REF. NO.	PART NUMBER		PART NAME		CODE NO. FROM - TO	QTY	REMARKS	INTERCHANGEABLE PART NUMBER	FIG. NO.
		PART NUMBER		SPEC. NO.					
10		279-31601-01		CAM SHAFT CP	-	1			300
25		277-35101-03		PIN(CAM SHAFT)	-	1	9DX78.5L		300
27		024-00600-10		O RING	-	1	5.8DX9.6DX1.9T		300
34		277-38601-03		PIN(SPRING)	-	1	4DX7.5DX11L		300
35		279-36401-03		RELEASE LEVER	-	1			300
37		277-36501-03		CLIP	-	1	13.8DX20.3DX0.4T		300
38		277-38701-03		RETURN SPRING	-	1			300
60		279-33601-03		VALVE SPRING	-	2	17DX2.3DX27L N=5.8		300
70		269-33701-03		SPRING RETAINER	-	2			300
80		279-33401-13		INTAKE VALVE	-	1	28.5DX5.5DX67.8L		300
90		279-33501-13		EXHAUST VALVE	-	1	26.5DX5.5DX67.8L		300
95		132-10KA0-31		COLLET-VALVE	-	4			300
150		279-35601-01		TIMING CHAIN CP	-	1	100 LINK		300
160		277-36911-03		TENTIONER	-	1			300
163		277-37101-03		SPRING(TENTIONER)	-	1			300
166		277-36902-03		PIN(TENTIONER)	-	1	6DX13DX34L		300
170		277-36913-13		CHAIN GUIDE	-	1			300
200		277-35001-03		PIN(ROCKER)	-	1	6DX9DX41L		300
220		277-36101-00		ROCKER ARM(IN) AY	-	1			300
225		277-36102-00		ROCKER ARM(EX) AY	-	1			300
230		014-90500-10		ADJUST SCREW	-	1	M5X0.5X23L		300
231		014-90500-10		ADJUST SCREW	-	1	M5X0.5X23L		300
240		017-00500-20		NUT	-	1	M5X0.5X4.1H		300
241		017-00500-20		NUT	-	1	M5X0.5X4.1H		300
290		011-00600-20		FLANGE BOLT	-	1	M6X1.0X12L		300
310		279-30101-21		MUFFLER CP	-	1			300
320		279-34201-11		MUFFLER COVER CP	-	1			300
340		277-35201-03		GASKET(MUFFLER)	-	1	26D 9DX58P 0.2T		300
350		980-20082-80		FLANGE NUT	-	2			300
360		015-20600-90		TAPPING BOLT	-	2	M6X1.0X10L		300
361		011-00600-10		FLANGE BOLT	-	1	M6X1.0X8L		300
365		011-00801-50		FLANGE BOLT	-	1	M8X1.25X12L		300
440		*****		DEFLECTOR					
		277-37001-03		EX270D40010	-	1			300
				EX270D50020	-	1			300
445		*****		TAPPING SCREW					

3 INTAKE EXHAUST

REF. NO.	PART NUMBER		PART NAME		CODE NO. FROM - TO	QTY	REMARKS	INTERCHANGEABLE PART NUMBER	FIG. NO.
		PART NUMBER		SPEC. NO.					
445		015-00400-60		EX270D40010	-	2			300
				EX270D50020	-	2			300
510		279-32611-00		AIR CLEANER AY	-	1			300
		279-32612-00		EX270D20010	-	1	DUAL		315
				EX270D40010	-	1			315
				EX270D50020	-	1			315
				EX270D51010	-	1			315
-200		279-32630-08		CASE	-	1			300
		279-32631-08		EX270D20010	-	1			315
				EX270D40010	-	1			315
				EX270D50020	-	1			315
				EX270D51010	-	1			315
-210		* * * * *		PACKING					
		279-32720-08		EX270D20010	-	1			315
				EX270D40010	-	1			315
				EX270D50020	-	1			315
				EX270D51010	-	1			315
-220		279-32650-08		GASKET	-	1			300
-250		279-32640-08		COVER	-	1			300
-260		279-32730-08		LABEL	-	1			300
-270		* * * * *		NUT					
		279-32740-08		EX270D20010	-	1			315
				EX270D40010	-	1			315
				EX270D50020	-	1			315
				EX270D51010	-	1			315
520		279-32603-08		ELEMENT	-	1			300
		279-32607-07		EX270D20010	-	1			315
				EX270D40010	-	1			315
				EX270D50020	-	1			315
				EX270D51010	-	1			315
540		279-32901-13		INSULATOR	-	1			300
550		279-35901-23		GASKET (INSULATOR)	-	1			300
570		002-38060-00		FLANGE NUT	-	2			300
580		011-00600-50		FLANGE BOLT	-	1	M6X1. 0X20L		300

FIG. 400



4 GOVERNOR OPERATION

REF. NO.	PART NUMBER		PART NAME		CODE NO. FROM - TO	QTY	REMARKS	INTERCHANGEABLE PART NUMBER	FIG. NO.
		PART NUMBER		SPEC. NO.					
10		279-42301-13		GOVERNOR LEVER	-	1			400
20		277-42201-13		GOVERNOR SHAFT	-	1			400
30		279-42701-01		GOVERNOR ROD CP	-	1			400
40		277-42801-13		ROD SPRING	-	1	7DX0.5DX182L N=16		400
50		003-13050-00		CLIP	-	1			400
60		013-00602-40		BOLT AND WASHER AY	-	1			400
70		018-60600-20		NUT	-	1	M6X1.0X4.9H		400
80		279-42502-23		GOVERNOR SPRING	-	1			400
		279-42505-23		EX270D20010	-	1			400
				EX270D52010	-	1			400
310		279-43301-13		SPEED CONTROL LEVER	-	1			400
		279-43302-01		EX270D40010	-	1			400
				EX270D50020	-	1			400
340		277-43501-03		STOP PLATE	-	1			400
350		020-00601-70		WASHER	-	1	6DX24DX2T		400
355		021-70600-70		FRICTION WASHER	-	1	6.5DX24DX0.8T		400
360		014-00601-80		SCREW	-	1	M6X1.0X35L		400
365		237-45004-23		SPRING (ADJUST)	-	1			400
370		002-17060-00		NUT	-	1			400
395		*****		CLAMP					
		277-43901-03		EX270D40010	-	1			400
				EX270D50020	-	1			400
396		*****		SCREW AND WASHER AY					
		004-36051-60		EX270D40010	-	1		001-17051-60	400
				EX270D50020	-	1			400
435		277-46001-01		SPEED CONT. BRKT CP	-	1			400
440		*****		SCREW					
		004-31040-80		EX270D40010	-	1			400
				EX270D50020	-	1			400
450		002-35060-00		SELF LOCK NUT	-	1			400
480		*****		RETURN SPRING					
		277-45101-03		EX270D40010	-	1			400
				EX270D50020	-	1			400
485		011-00600-20		FLANGE BOLT	-	2	M6X1.0X12L		400

FIG. 500

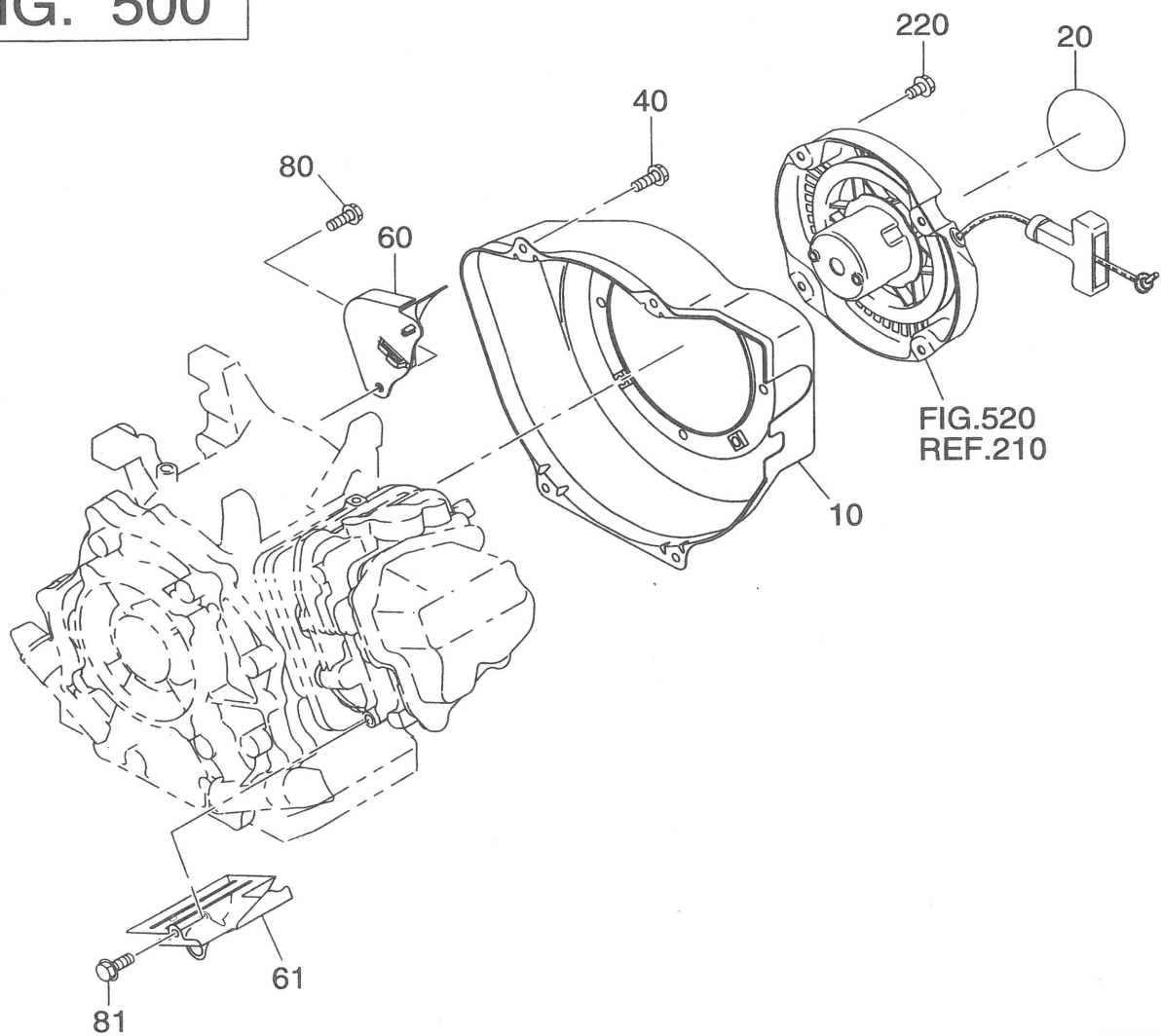


FIG. 520

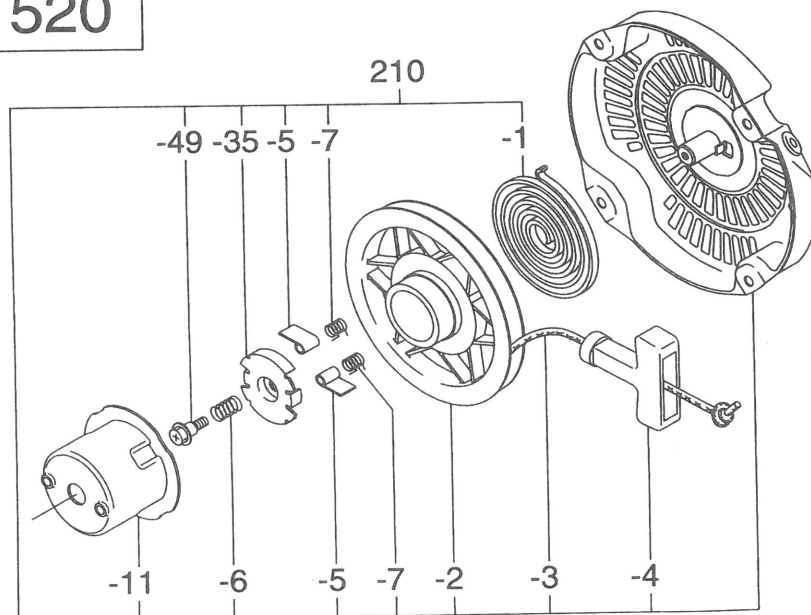


FIG. 600

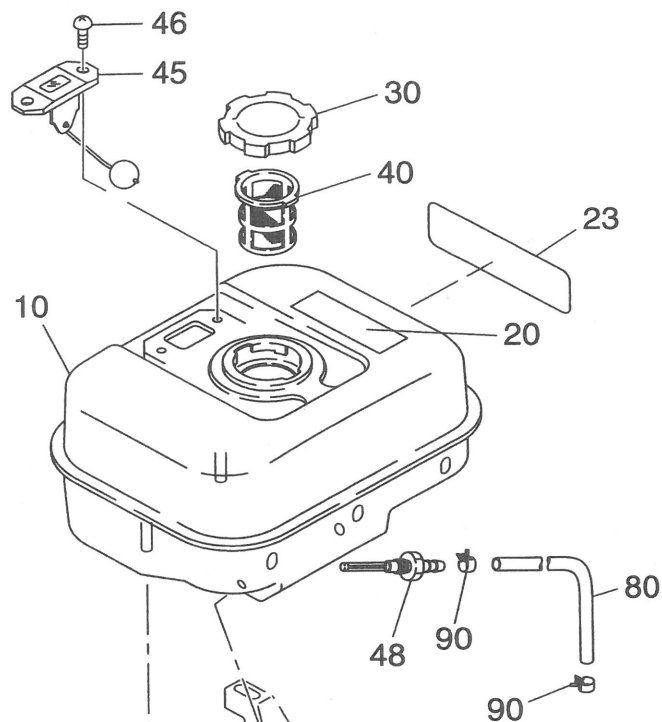
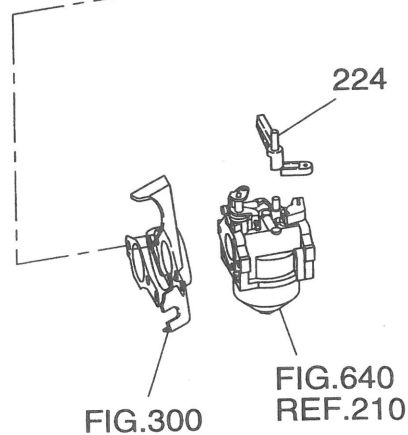
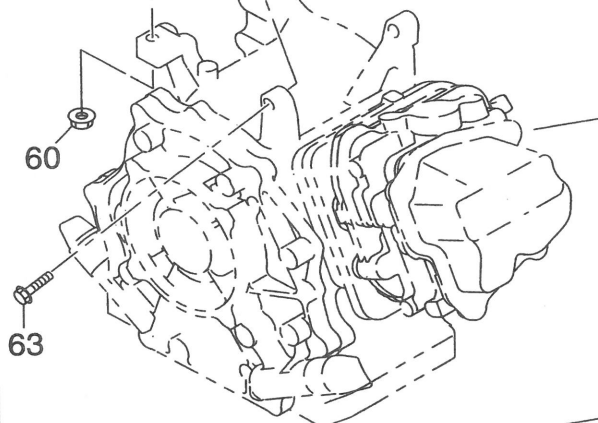
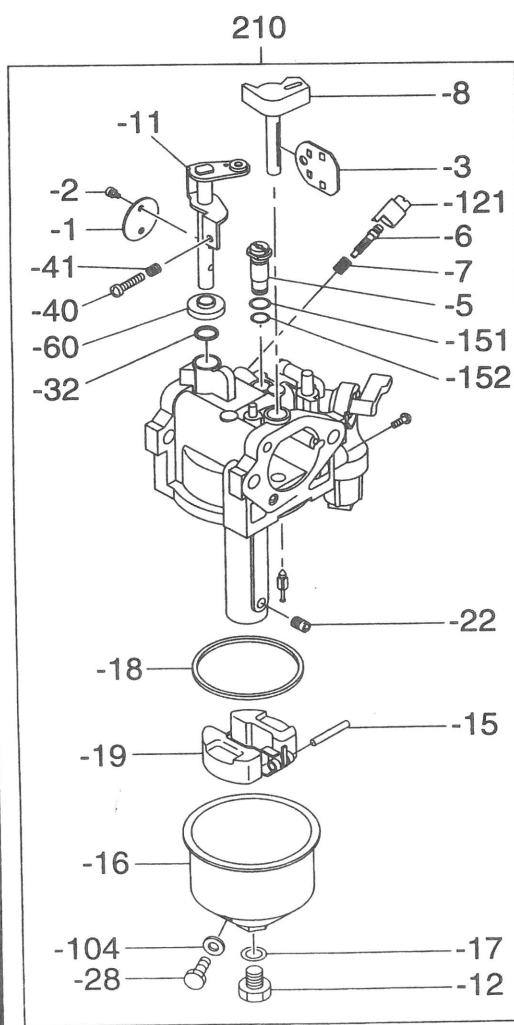


FIG. 640



6 FUEL LUBRICANT

REF. NO.	PART NUMBER		PART NAME		CODE NO. FROM - TO	QTY	REMARKS	INTERCHANGEABLE PART NUMBER	FIG. NO.
		PART NUMBER		SPEC. NO.					
10		279-60101-11	FUEL TANK CP		-	1	6.1L NEW R YELLOW		600
		279-60102-11	EX270D50020		-	1	6.1L BLACK		600
			EX270D51010		-	1			600
			EX270D52020		-	1			600
		279-60201-01	EX270D20010		-	1	6.1L W/GAUGE N-R YEL		600
			EX270D40010		-	1			600
20		073-20049-80	LABEL(WARNING)		-	1			600
		073-20051-80	EX270D00010		-	1			600
			EX270D10010		-	1			600
			EX270D50000		-	1			600
			EX270D50020		-	1			600
			EX270D51010		-	1			600
			EX270D52010		-	1			600
			EX270D52020		-	1			600
23		279-95101-03	LABEL(MODEL)		-	1			600
30		043-04400-50	FUEL TANK CAP CP		-	1			600
40		064-13600-10	FUEL FILTER		-	1	36DX46DX43H		600
45		*****	FUEL GAUGE CP						
		064-80007-00	EX270D20010		-	1			600
			EX270D40010		-	1			600
46		*****	SCREW(COUNTER HEAD)						
		014-50500-40	EX270D20010		-	2	M5X0.8X10L		600
			EX270D40010		-	2			600
48		050-51200-20	UNION		-	1			600
60		002-38080-00	FLANGE NUT		-	2			600
63		011-00802-50	FLANGE BOLT		-	2	M8X1.25X25L		600
80		085-10600-00	RUBBER PIPE		-	1	6DX12D		600
90		056-11000-30	HOSE CLAMP		-	2	10DX8BX1T		600
210		279-62301-00	CARBURETOR AY		-	1			640
		279-62302-00	EX270D20010		-	1			640
			EX270D40010		-	1			640
			EX270D50020		-	1			640
			EX270D51010		-	1			640
- 1		279-62535-08	VALVE THROTTLE		-	1			640
- 2		251-62450-08	SCREW		-	2			640
- 3		279-62525-08	VALVE CHOKE		-	1			640

6 FUEL LUBRICANT

[illegible]

FIG. 700

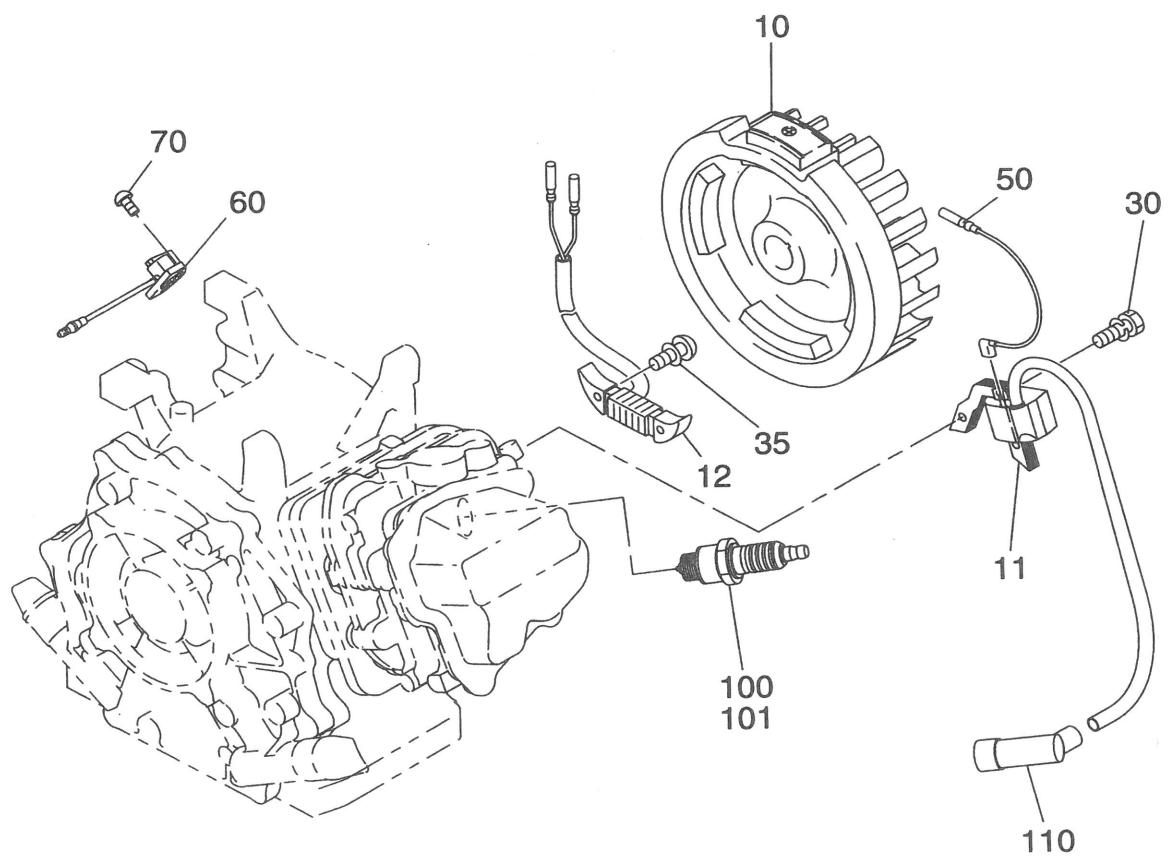
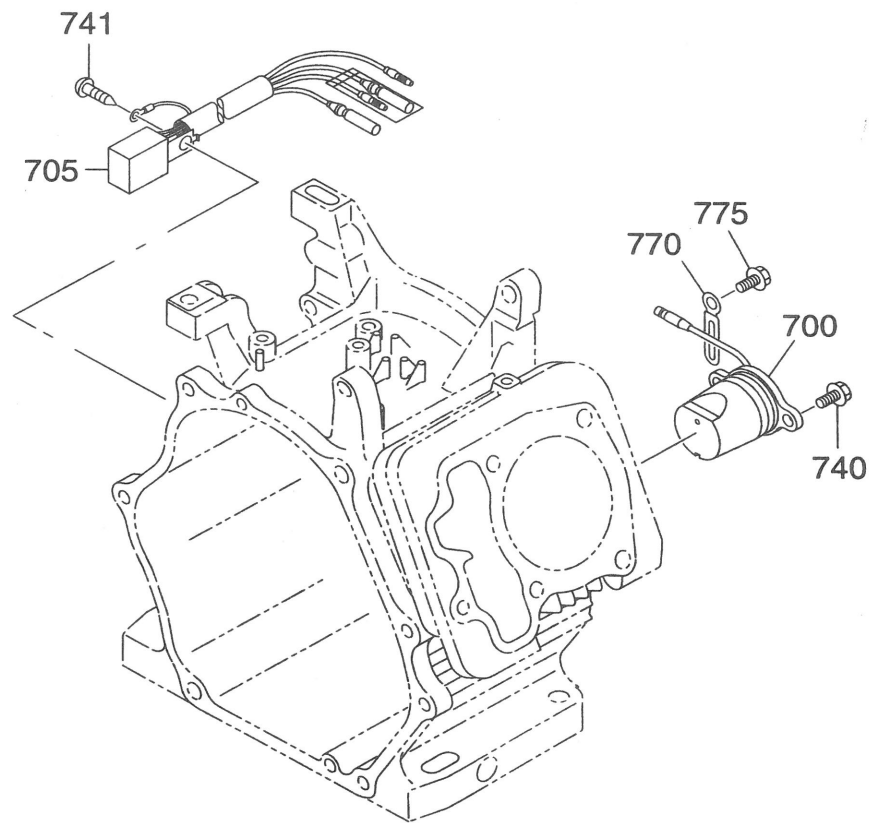


FIG. 770



7 ELECTRIC DEVICE

REF. NO.	PART NUMBER		PART NAME		CODE NO. FROM - TO	QTY	REMARKS	INTERCHANGEABLE PART NUMBER	FIG. NO.
		PART NUMBER		SPEC. NO.					
10		279-79230-01		FLYWHEEL CP	-	1			700
		279-79241-01		EX270D20010	-	1			700
11		279-79430-01		IGNITION COIL CP	-	1			700
12		*****		LAMP COIL CP					
		279-79301-01		EX270D20010	-	1			700
30		001-14062-50		BOLT AND WASHER AY	-	2			700
35		*****		BOLT AND WASHER AY					
		001-13062-00		EX270D20010	5511-	2			700
		004-35062-00		EX270D20010	-5510	2			700
50		277-73101-01		WIRE 1 CP	-	1	L=360 BLACK CB104TER		700
		277-73102-01		EX270D20010	-	1	L=360 BLACK CW104TER		700
				EX270D50020	-	1			700
				EX270D51010	-	1			700
				EX270D52010	-	1			700
				EX270D52020	-	1			700
60		X66-00004-20		SWITCH AY	-	1			700
70		015-00400-90		TAPPING SCREW	-	2	M4X10L		700
100		065-01401-50		SPARK PLUG	-	1	NGK BR6HS		700
101		RL86C		SPARK PLUG	-	1	CHAMPION		700
110		065-50002-70		SPARK PLUG CAP	-	1			700
700		*****		OIL SENSOR CP					
		279-76301-21		EX270D20010	-	1			770
				EX270D50020	-	1			770
				EX270D51010	-	1			770
				EX270D52010	-	1			770
				EX270D52020	-	1			770
705		*****		FLOAT C/U CP3					
		KU3-11043-01		EX270D20010	-	1			770
				EX270D50020	-	1			770
				EX270D51010	-	1			770
				EX270D52010	-	1			770
				EX270D52020	-	1			770
740		*****		BOLT AND WASHER AY					
		001-14061-60		EX270D20010	-	2			770
				EX270D50020	-	2			770
				EX270D51010	-	2			770

7 ELECTRIC DEVICE

[illegible]

FIG. 900

