



Model EX13

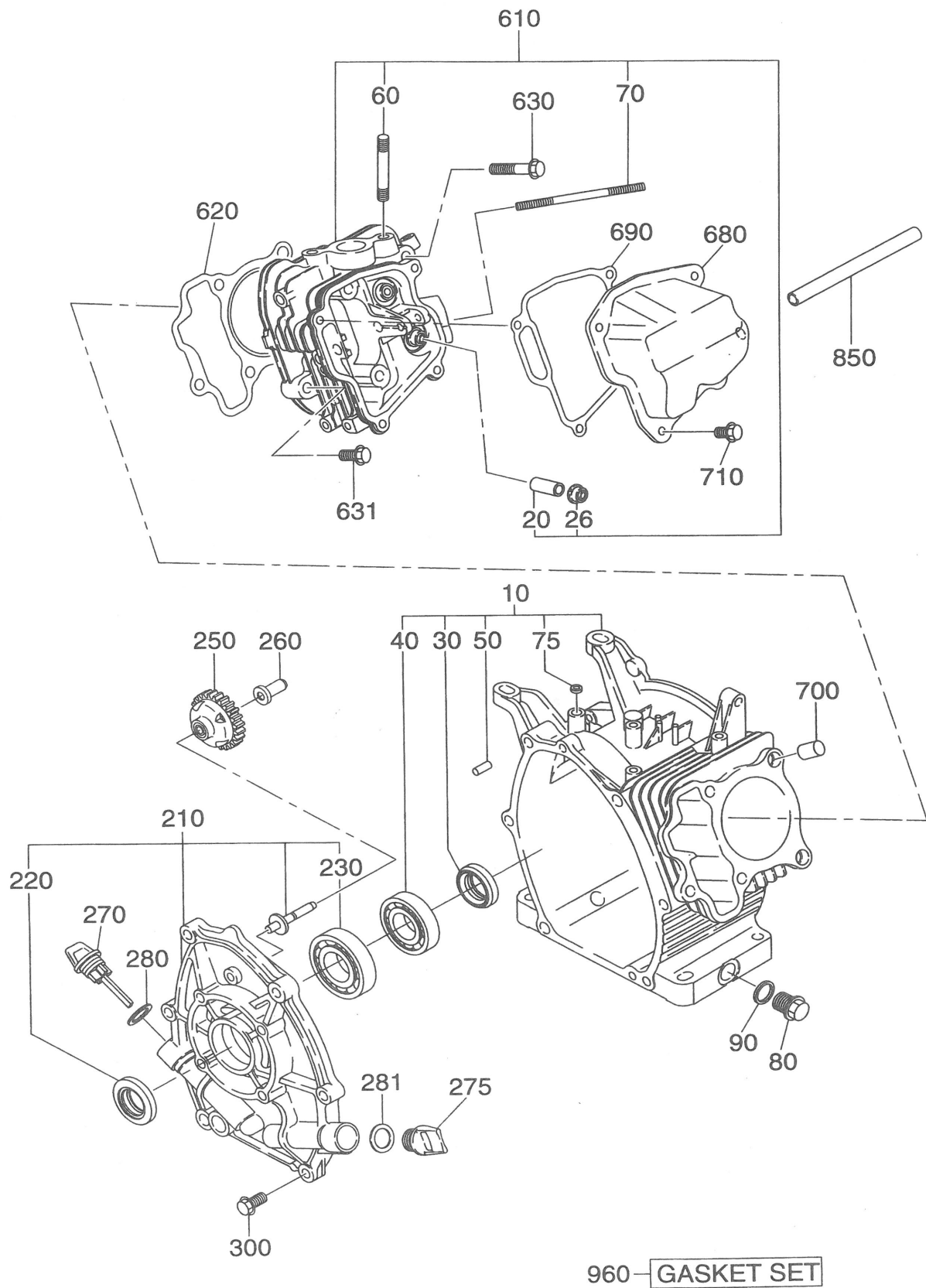
PARTS CATALOG

Spec. No.	Spec. Name
EX130D00000	STD
EX130D10010	EX, PUMP
EX130D20010	GEN, DUAL, OS
EX130D40010	DUAL, CABLE CONTROL
EX130D50000	EX, DU
EX130D50020	EX, DU, DUAL, CABLE CONTROL, OS
EX130D51010	EX, DP(5/8), DUAL, OS
EX130D51020	EX, DP(3/4)
EX130D52010	EX, DH, OS

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5. COOLING, STARTING	500
Recoil Starter	520
6. FUEL LUBRICANT	600
Carburetor	640
7. ELECTRIC DEVICE	700
Oil level Sensor	770
9. ACCESSORIES LABEL	900

FIG. 100



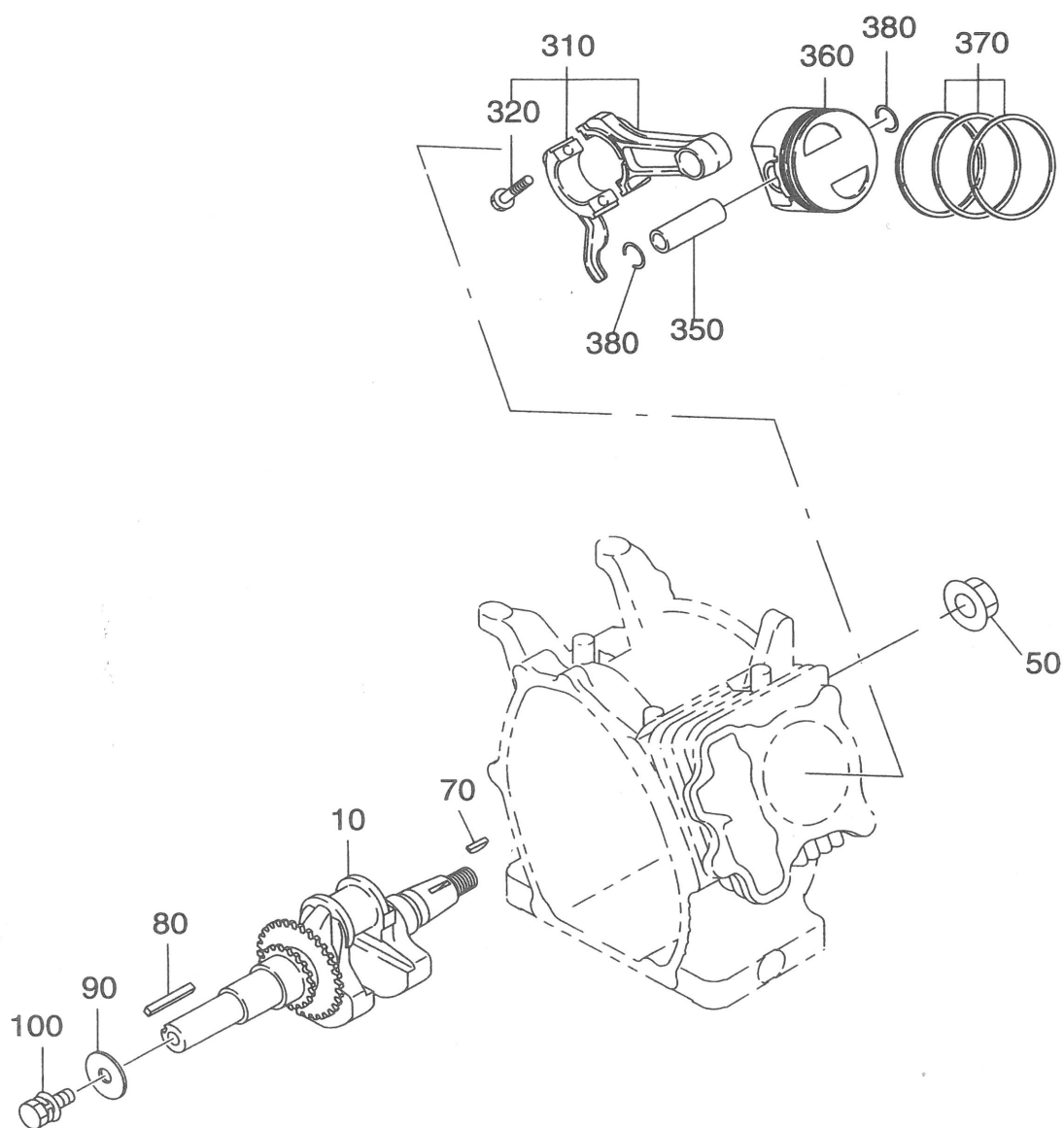
1 CRANK CASE

REF. NO.	PART NUMBER		PART NAME		CODE NO. FROM - TO	QTY	REMARKS	INTERCHANGEABLE PART NUMBER	FIG. NO.
		PART NUMBER		SPEC. NO.					
10		276-10101-01		CRANK CASE CP	-	1			100
		276-10102-01		EX130D20010	-	1	W/OIL SENSOR		100
				EX130D50020	-	1			100
				EX130D51010	-	1			100
				EX130D52010	-	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		044-02502-00		OIL SEAL	-	1	24. 5DX38DX7T		100
40		060-02800-20		BALL BEARING	-	1	28DX58DX16B		100
50		277-15011-03		PIPE KNOCK	-	2	10DX8. 5DX14L		100
60		010-50802-50		STUD	-	2	M8X1. 25X25L		100
70		010-50603-51		STUD	-	2	M6X1. 0X98L		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		277-11001-11		MAIN BEARING COVER C	-	1	FLANGE 4-M8X1. 25		100
		277-11002-01		EX130D50000	-	1	FLANGE 4-5/16-24UNF		100
				EX130D50020	-	1			100
				EX130D51010	-	1			100
				EX130D51020	-	1			100
				EX130D52010	-	1			100
220		044-02502-10		OIL SEAL	-	1	24. 5DX41. 25DX6T		100
230		060-02500-10		BALL BEARING	-	1	6205 25DX52DX15B		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		277-63601-03		OIL GAUGE	-	1	M18X1. 5 L=70+18		100
275		277-65001-03		FILLER PLUG	-	1	M18X1. 5 L=12+18		100
280		021-31600-20		GASKET	-	1	16DX23DX2. 2T		100
281		021-31600-20		GASKET	-	1	16DX23DX2. 2T		100
300		001-04083-50		FLANGE BOLT	-	6			100
610		276-13001-01		CYLINDER HEAD CP	-	1			100
620		276-15001-13		GASKET (HEAD)	-	1			100
630		011-00802-40		FLANGE BOLT	-	4	M8X1. 25X68L		100
631		001-04083-50		FLANGE BOLT	-	1			100
680		277-15501-01		ROCKER COVER CP	-	1			100
690		277-16001-03		GASKET (ROCKER COVER)	-	1	T=0. 7		100

1 CRANK CASE

[illegible]

FIG. 200



2

[illegible]

FIG. 300

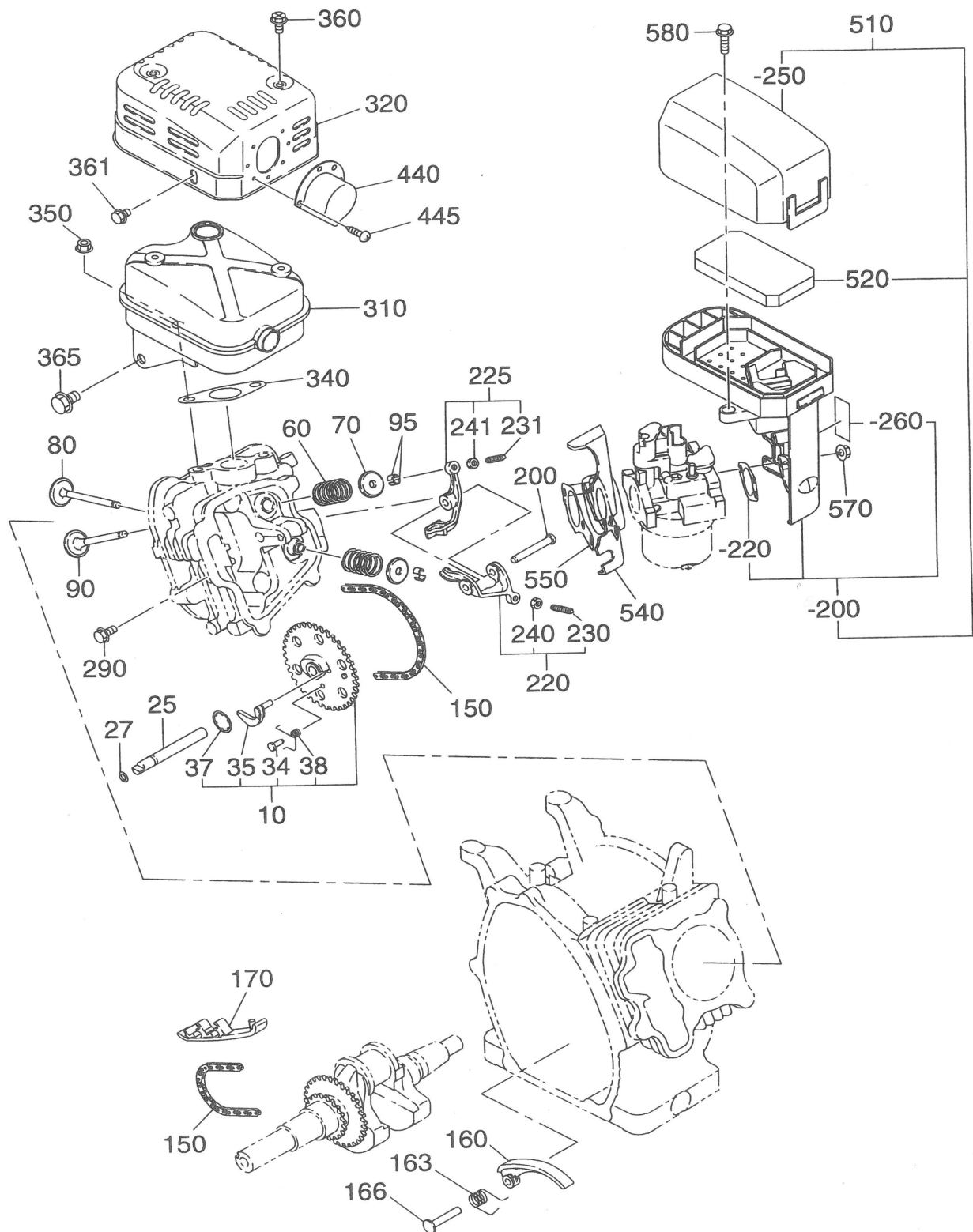
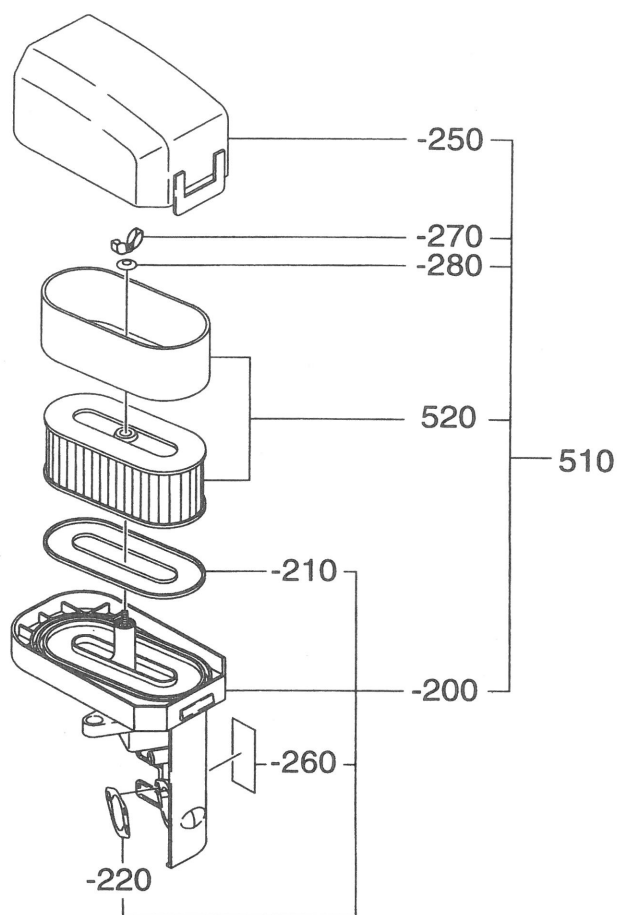


FIG. 315



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		277-31601-01		CAM SHAFT CP	-	1	84. 5DX32. 4B N=40		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		277-36401-03		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		276-33401-33		INTAKE VALVE	-	1			300
90		276-33501-33		EXHAUST VALVE	-	1			300
95		132-10KA0-31		COLLET-VALVE	-	4			300
150		276-35601-01		TIMING CHAIN CP	-	1	86 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		276-30101-11		MUFFLER CP	-	1			300
320		277-34201-01		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		EX130D40010	-	1			300
				EX130D50020	-	1			300
445		*****		TAPPING SCREW					

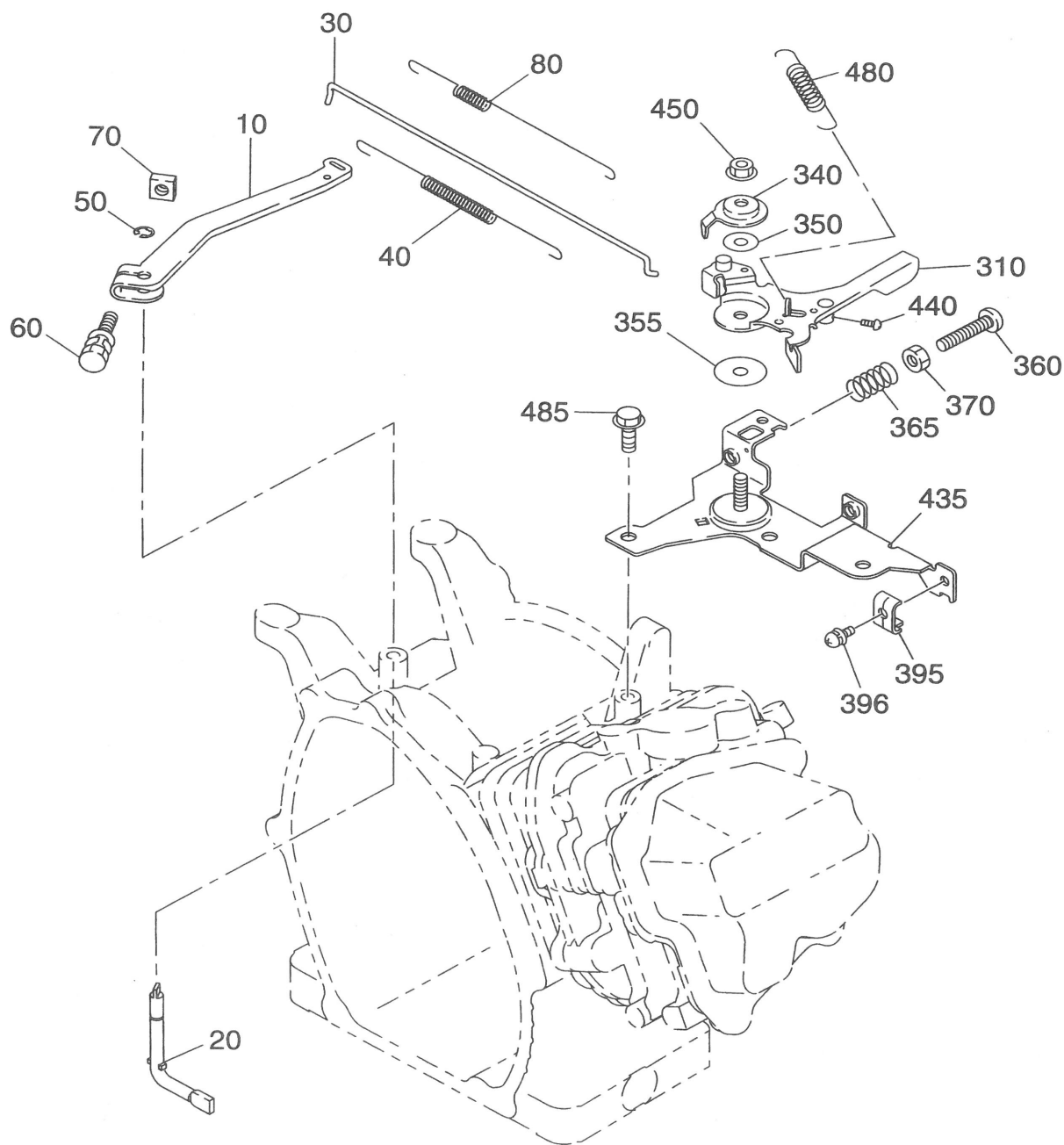
3 INTAKE EXHAUST

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		EX130D40010	-	2			300
				EX130D50020	-	2			300
510		277-32611-00		AIR CLEANER AY	-	1			300
		277-32612-00		EX130D20010	-	1	DUAL		315
				EX130D40010	-	1			315
				EX130D50020	-	1			315
				EX130D51010	-	1			315
-200		277-32601-08		BASE CP	-	1			300
		277-32605-08		EX130D20010	-	1			315
				EX130D40010	-	1			315
				EX130D50020	-	1			315
				EX130D51010	-	1			315
-210		* * * * *		PACKING					
		277-32610-08		EX130D20010	-	1			315
				EX130D40010	-	1			315
				EX130D50020	-	1			315
				EX130D51010	-	1			315
-220		277-32604-08		PACKING	-	1			300
-250		277-32602-08		COVER CP	-	1			300
-260		277-32609-08		LABEL	-	1			300
-270		* * * * *		WING NUT					
		277-32607-08		EX130D20010	-	1			315
				EX130D40010	-	1			315
				EX130D50020	-	1			315
				EX130D51010	-	1			315
-280		* * * * *		WASHER					
		277-32608-08		EX130D20010	-	1			315
				EX130D40010	-	1			315
				EX130D50020	-	1			315
				EX130D51010	-	1			315
520		277-32603-08		ELEMENT	-	1			300
		277-32611-07		EX130D20010	-	1	DUAL		315
				EX130D40010	-	1			315
				EX130D50020	-	1			315
				EX130D51010	-	1			315
540		277-32901-13		INSULATOR	-	1			300

3 INTAKE EXHAUST

[illegible]

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		277-42301-13		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
		276-42505-43		EX130D20010	-	1			400
310		277-43301-13		SPEED CONTROL LEVER	-	1			400
		277-43302-01		EX130D40010	-	1	W/SWIVEL		400
				EX130D50020	-	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		EX130D40010	-	1			400
				EX130D50020	-	1			400
396		*****		SCREW AND WASHER AY					
		004-36051-60		EX130D40010	-	1		001-17051-60	400
				EX130D50020	-	1			400
435		277-46001-01		SPEED CONT. BRKT CP	-	1			400
440		*****		SCREW					
		004-31040-80		EX130D40010	-	1			400
				EX130D50020	-	1			400
450		002-35060-00		SELF LOCK NUT	-	1			400
480		*****		RETURN SPRING					
		277-45101-03		EX130D40010	-	1			400
				EX130D50020	-	1			400
485		011-00600-20		FLANGE BOLT	-	2	M6X1.0X12L		400

FIG. 500

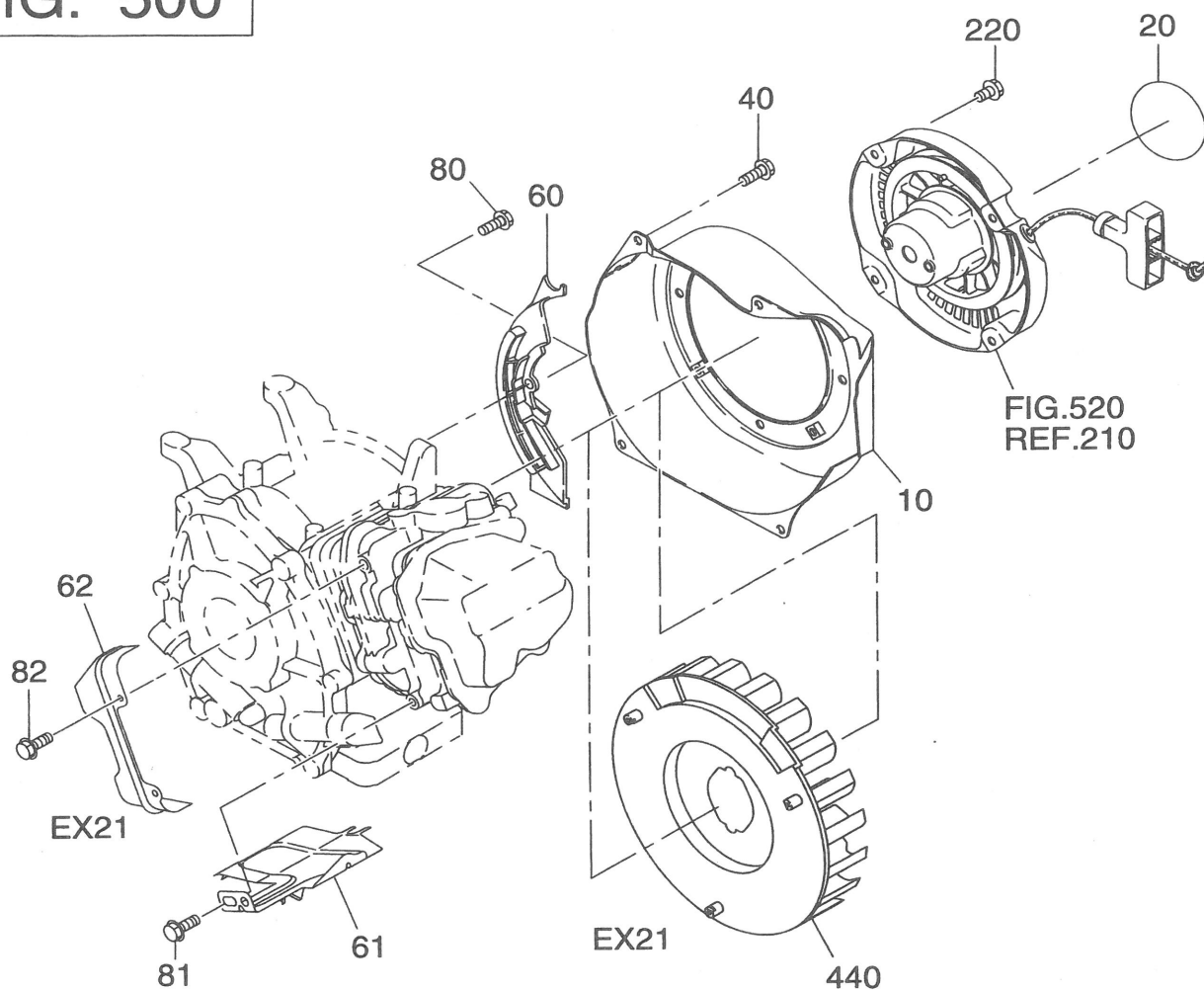
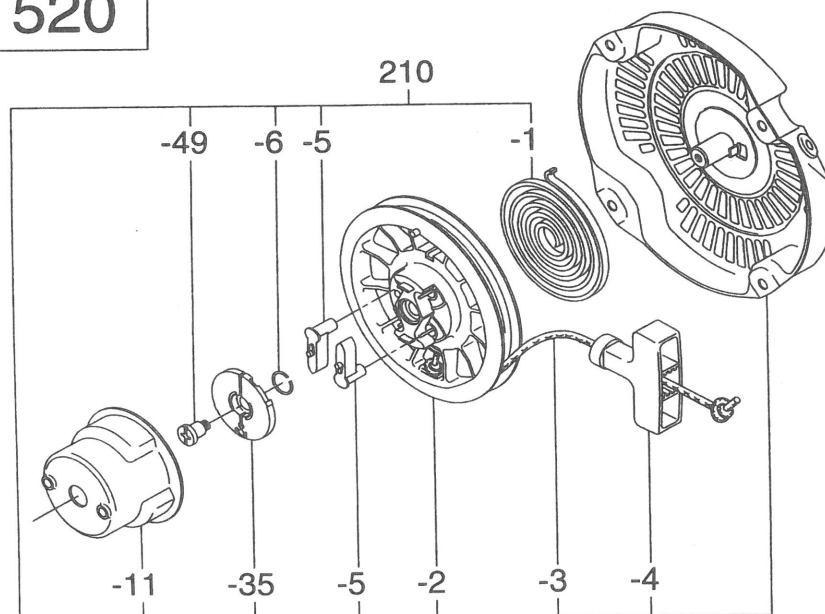


FIG. 520



5 COOLING STARTING

[illegible]

FIG. 600

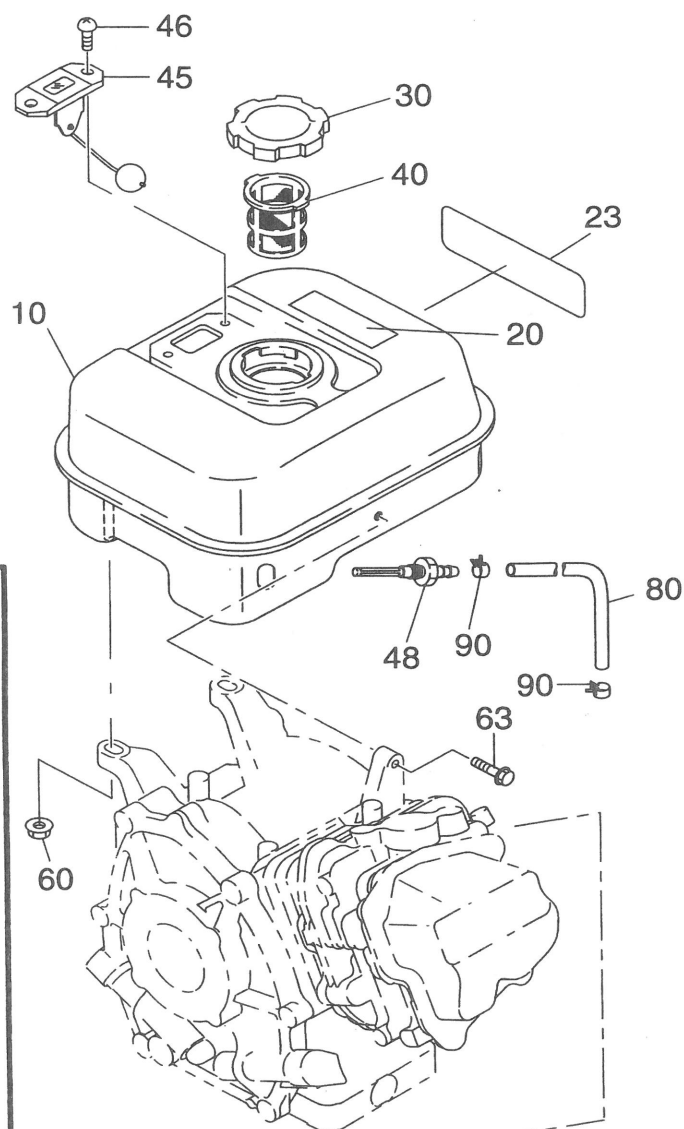
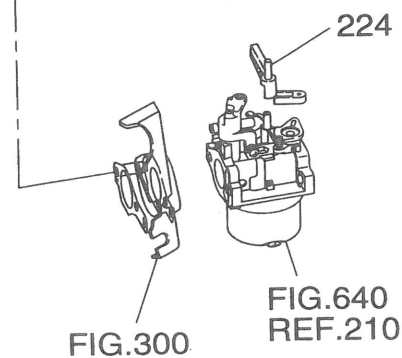
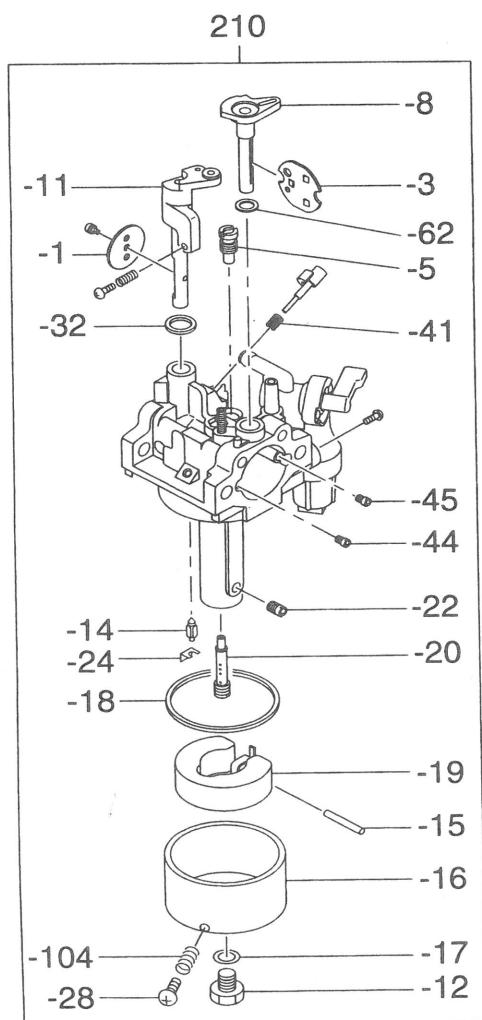


FIG. 640



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		276-60101-01		FUEL TANK CP	-	1	2. 7L NEW R YELLOW		600
		276-60102-01		EX130D50020	-	1	2. 7L BLACK		600
				EX130D51010	-	1			600
				EX130D52010	-	1			600
		276-60201-01		EX130D20010	-	1	2. 7L W/GAUGE N-R YEL		600
				EX130D40010	-	1			600
20		073-20049-80		LABEL (WARNING)	-	1			600
		073-20051-80		EX130D00010	-	1			600
				EX130D10010	-	1			600
				EX130D50000	-	1			600
				EX130D50020	-	1			600
				EX130D51010	-	1			600
				EX130D51020	-	1			600
				EX130D52010	-	1			600
23		276-95101-03		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					
		064-80005-00		EX130D20010	-	1			600
				EX130D40010	-	1			600
46		* * * * *		SCREW (COUNTER HEAD)					
		014-50500-40		EX130D20010	-	2	M5X0.8X10L		600
				EX130D40010	-	2			600
48		050-51200-20		UNION	-	1			600
60		002-38060-00		FLANGE NUT	-	2			600
63		011-00601-30		FLANGE BOLT	-	1	M6X1.0X25L		600
80		085-10600-00		RUBBER PIPE	-	1	6DX12D		600
90		056-11000-30		HOSE CLAMP	-	2	10DX8BX1T		600
210		276-62301-00		CARBURETOR AY	-	1			640
		276-62302-00		EX130D20010	-	1			640
				EX130D40010	-	1			640
				EX130D50020	-	1			640
				EX130D51010	-	1			640
- 1		106-62538-08		THROTTLE VALVE	-	1			640
- 3		277-62525-08		CHOKE VALVE	-	1			640
- 5		234-62421-08		PILOT JET	-	1			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.					
- 8		277-62520-08		CHOKE LEVER	-	1			640
- 11		276-62530-08		THROTTLE SHAFT	-	1			640
		276-62531-08		EX130D20010	-	1			640
				EX130D40010	-	1			640
				EX130D50020	-	1			640
				EX130D51010	-	1			640
- 12		227-62451-08		BOLT	-	1			640
- 14		277-62500-08		NEEDLE	-	1			640
- 15		277-62515-08		PIN	-	1			640
- 16		277-62505-08		FLOAT BODY	-	1			640
- 17		214-62450-08		PACKING	-	1			640
- 18		214-62540-08		CHAMBER PACKING	-	1			640
- 19		226-62506-08		FLOAT AY	-	1			640
- 20		276-62440-08		MAIN NOZZLE	-	1			640
- 22		276-62400-08		MAIN JET	-	1			640
- 24		226-62701-08		CLIP	-	1			640
- 28		277-62350-08		BOLT	-	1			640
- 32		*****		SEAL					
		246-62390-08		EX130D20010	-	1			640
				EX130D40010	-	1			640
				EX130D50020	-	1			640
				EX130D51010	-	1			640
- 41		230-62446-08		SPRING	-	1			640
- 44		242-62321-08		AIR JET	-	1			640
- 45		106-62410-08		AIR JET (PILOT)	-	1			640
- 62		*****		SEAL					
		236-62680-08		EX130D20010	-	1			640
				EX130D40010	-	1			640
				EX130D50020	-	1			640
				EX130D51010	-	1			640
-104		236-62541-08		PACKING	-	1			640
224		277-43801-01		CHOKE LEVER CP	-	1			600

FIG. 700

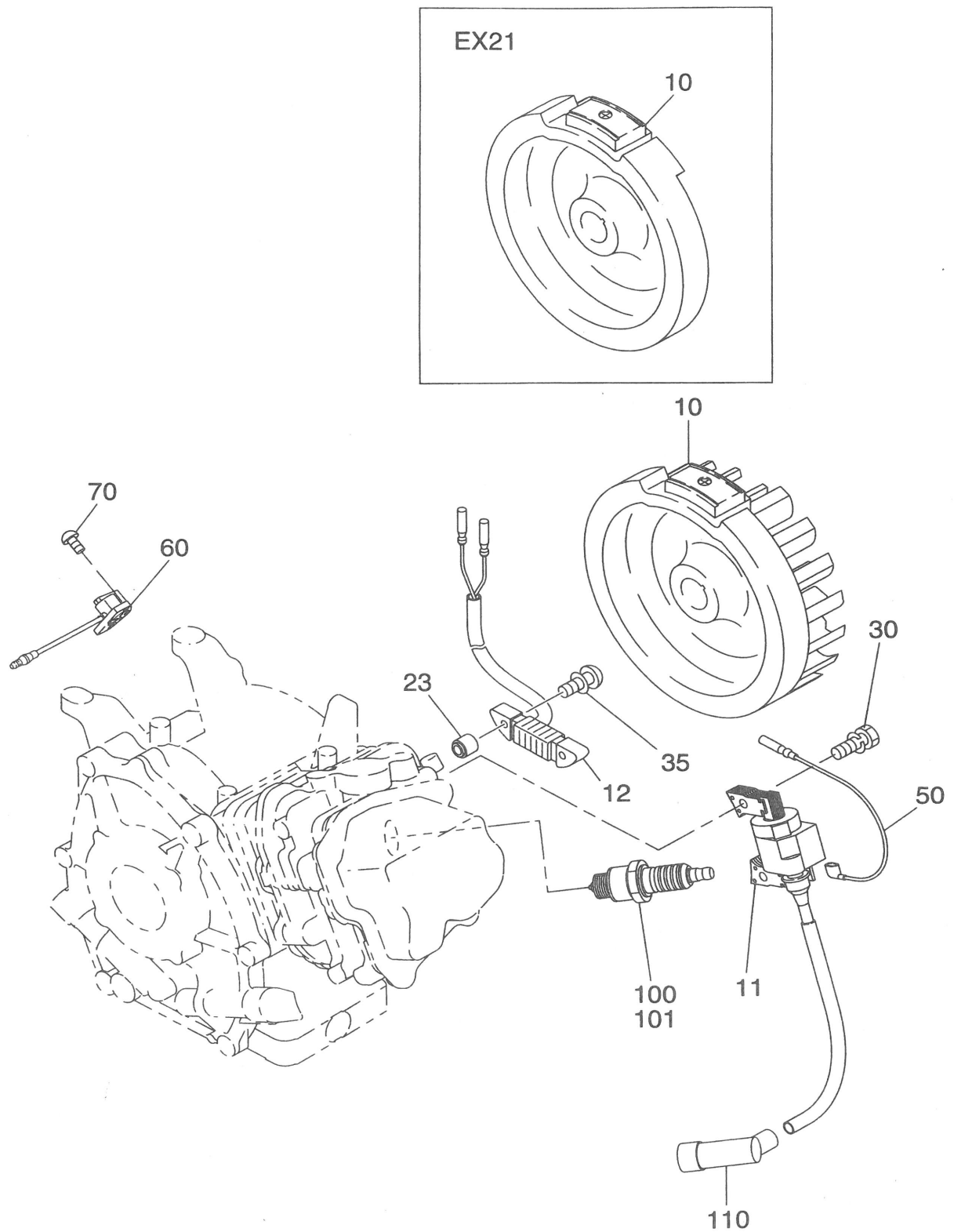
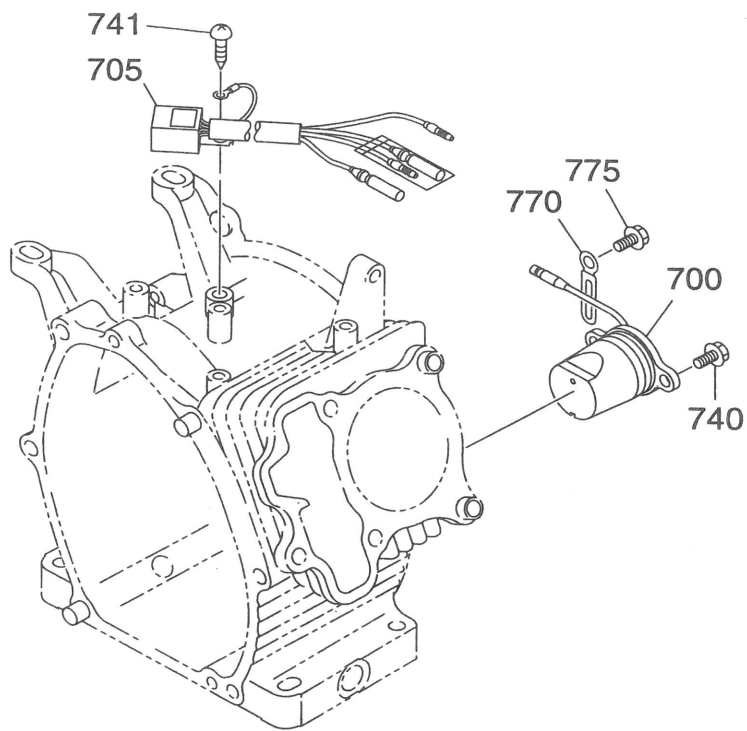


FIG. 770



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		276-79230-01		FLYWHEEL CP	-	1			700
11		277-79430-11		IGNITION COIL CP	-	1			700
30		001-14062-50		BOLT AND WASHER AY	-	2			700
50		277-73101-01		WIRE 1 CP	-	1	L=360 BLACK CB104TER		700
		277-73102-01		EX130D20010	-	1	L=360 BLACK CW104TER		700
				EX130D50020	-	1			700
				EX130D51010	-	1			700
				EX130D52010	-	1			700
60		X66-00003-61		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					
		277-76301-01		EX130D20010	-	1			770
				EX130D50020	-	1			770
				EX130D51010	-	1			770
				EX130D52010	-	1			770
705		*****		FLOAT C/U CP3					
		KU3-11043-01		EX130D20010	-	1			770
				EX130D50020	-	1			770
				EX130D51010	-	1			770
				EX130D52010	-	1			770
740		*****		BOLT AND WASHER AY					
		001-14061-60		EX130D20010	-	2			770
				EX130D50020	-	2			770
				EX130D51010	-	2			770
				EX130D52010	-	2			770
741		*****		TAPPING SCREW					
		015-20500-10		EX130D20010	-	1	M5X10L		770
				EX130D50020	-	1			770
				EX130D51010	-	1			770
				EX130D52010	-	1			770
770		*****		CLAMP CP					
		214-79006-01		EX130D20010	-	1			770
				EX130D50020	-	1			770

7 ELECTRIC DEVICE

[illegible]

FIG. 900

