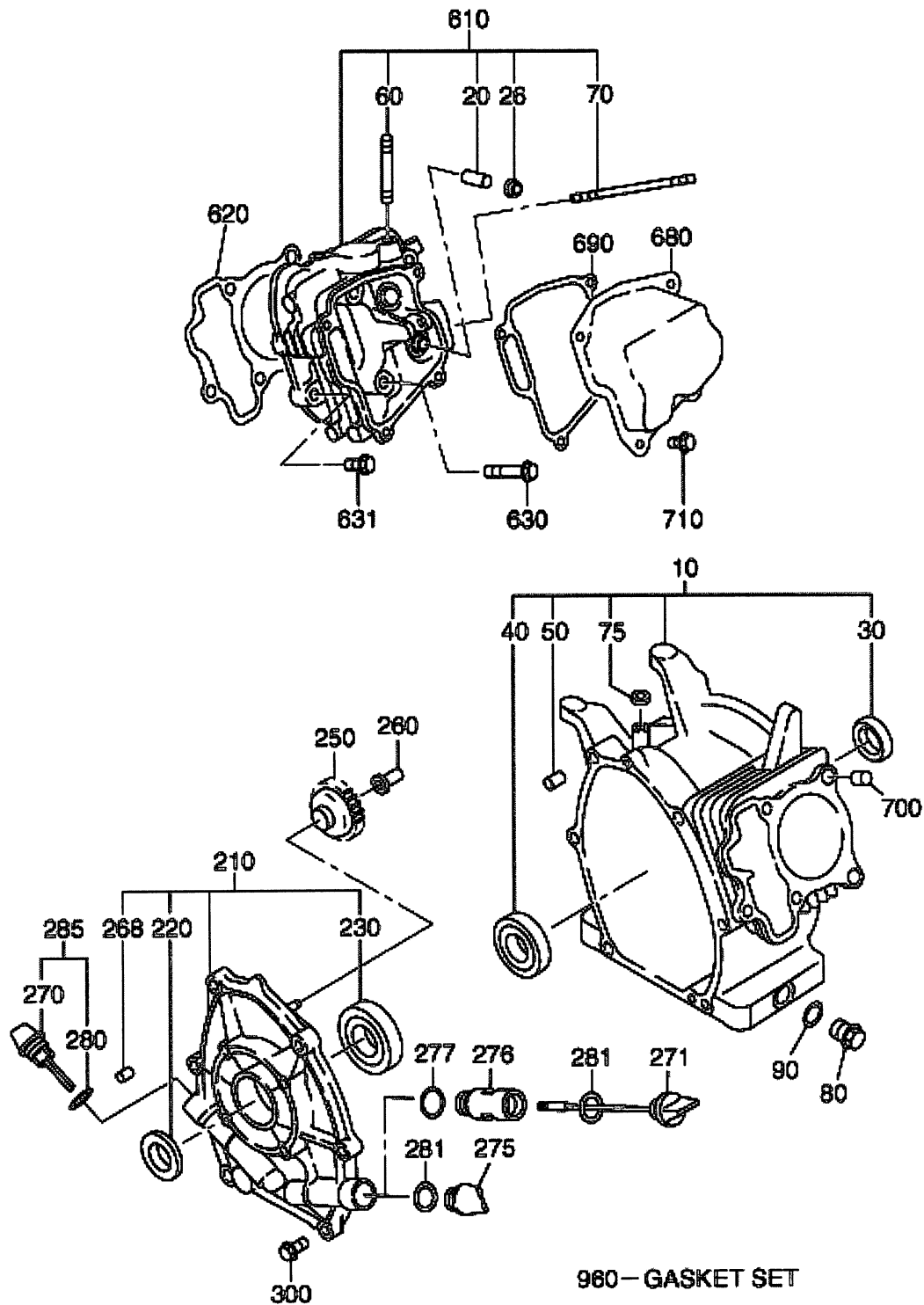


1 CRANK CASE

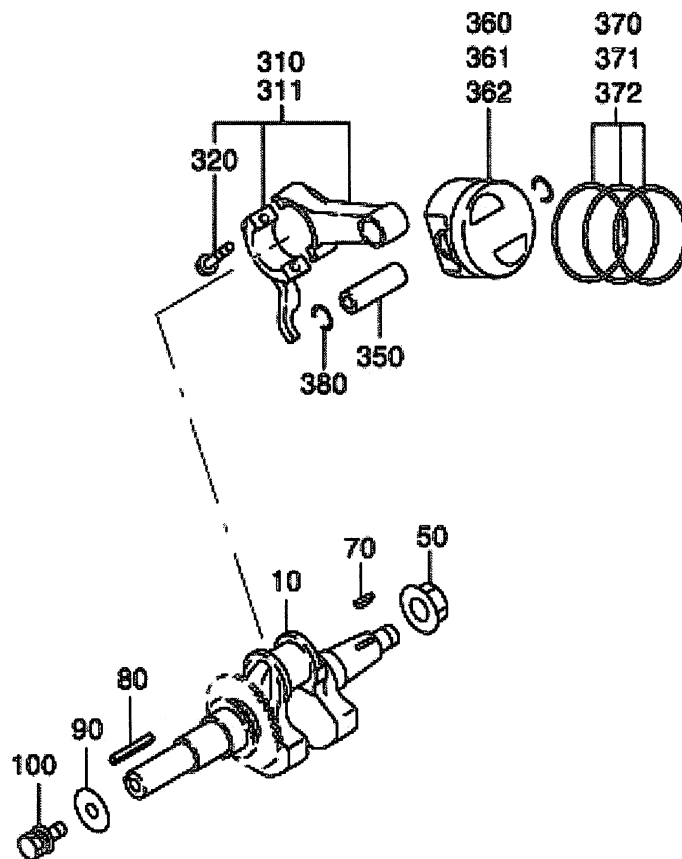
FIG. 100

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	276-10102-41	CRANK CASE CP	-	1	W/OIL SENSOR	276-10102-51
20	237-14202-03	VALVE GUIDE	-	2	5. 5DX9. 5DX27L	
26	277-16010-01	STEM SEAL	-	1	5. 5DX9. 5DX15DX7. 8B	
30	044-02502-00	OIL SEAL	-	1	25DX38DX7B	
40	060-02800-21	BALL BEARING	-	1	28DX58DX16B	
50	277-15011-03	PIPE KNOCK	-	2		
60	010-50802-50	STUD	-	2	M8X1. 25X25L	
70	010-50603-51	STUD	-	2	M6X1. 0X98L	
75	044-00600-20	OIL SEAL	-	1		
80	040-11400-30	OIL DRAIN PLUG	-	1		
90	021-11400-20	GASKET 14	-	1		
210	277-11002-21	MAIN BEARING COVER C	-	1	FLANGE 4-5/16-24UNF	277-11002-31
220	044-02502-10	OIL SEAL	-	1	25DX41. 25DX6B	
230	060-02501-40	BALL BEARING	-	1	25DX52DX15B	
250	277-45004-J1	GOVERNOR GEAR CP	6788-	1	53DX29. 1T N=33	277-45004-K1
	277-45004-H1	GOVERNOR GEAR CP	6088-6787	1	53DX29. 1T N=33	277-45004-J1
	277-45004-21	GOVERNOR GEAR CP	-6087	1	53DX28. 8T N=33	277-45004-H1
260	277-41901-03	GOVERNOR SLEEVE	5965-	1		277-41902-01
	263-41901-03	GOVERNOR SLEEVE	-5964	1	6DX7. 6DX16DX26L	277-41902-01
270	277-63601-13	OIL GAUGE	-	2	M18X1. 5 L=70+18	277-63601-23
275	277-65001-03	FILLER PLUG	-6240	1		277-63601-30
280	021-31600-20	GASKET	-	1	16DX23DX1. 2T RUBBER	
281	021-31600-20	GASKET	-6240	1	16DX23DX1. 2T RUBBER	
300	001-04083-50	FLANGE BOLT	-	6	M8X1. 25X16DX35L	
610	276-13001-11	CYLINDER HEAD CP	5965-	1		
	276-13001-01	CYLINDER HEAD CP	-5964	1		
620	276-15001-33	GASKET (HEAD)	6299-	1	T=0. 2	
	276-15001-23	GASKET (HEAD)	5965-6298	1	T=0. 2	276-15001-33
	276-15001-13	GASKET (HEAD)	-5964	1	T=0. 2	276-15001-23
630	011-00802-40	FLANGE BOLT	-	4	M8X1. 25X16DX68L	

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
631	011-00803-10	FLANGE BOLT	6179-	1	M8X1.25X16DX33L	
	001-04083-50	FLANGE BOLT	-6178	1	M8X1.25X16DX35L	
680	277-15503-01	ROCKER COVER CP	6666-	1		277-15503-11
	277-15501-01	ROCKER COVER CP	-6665	1		277-15503-01
690	277-16001-13	GASKET(ROCKER COVER)	6241-	1	T=0.5	277-16001-23
	277-16001-03	GASKET(ROCKER COVER)	-6240	1	T=0.7	277-16001-13
700	277-15011-03	PIPE KNOCK	-	2		
710	011-00600-20	FLANGE BOLT	-	4	M6X1.0X14DX12L	
960	276-99001-27	GASKET SET	-	1		276-99001-37

2 CRANKSHAFT,PISTON

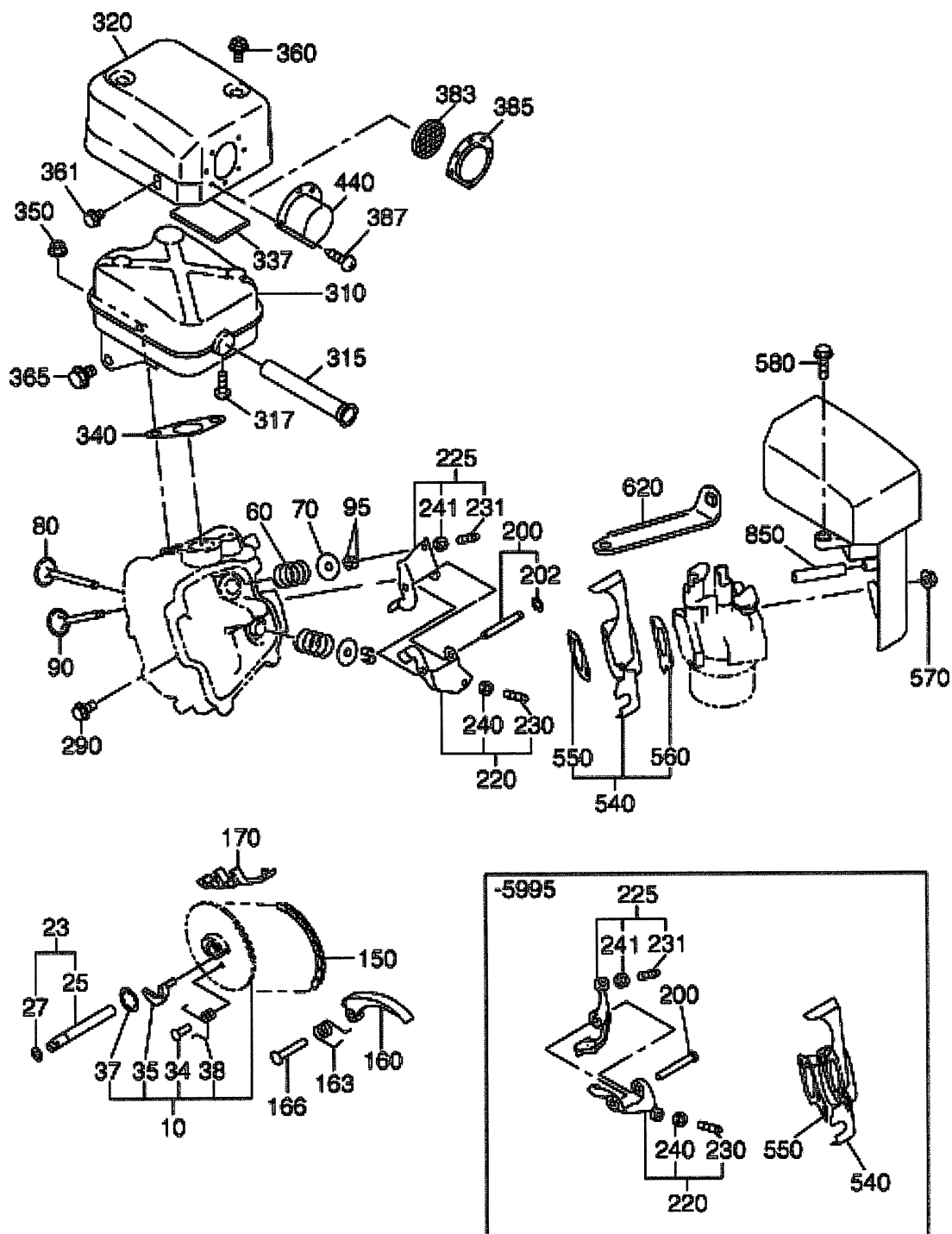
FIG. 200



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	276-21001-21	CRANK SHAFT CP	-	1	L=261 DP 5/8-18UNF	
50	018-01400-20	FLANGE NUT	-	1	M14X1. 5X28DX12H	
70	032-30300-10	WOODRUFF KEY	-	1	3BX6HX16D	
310	276-22501-10	CONNECTING ROD AY	-	1	80. 2CDX25B 30D-13D	
311	276-22502-00	CONNECTING ROD AY	-	1	0. 25 U. S.	
320	277-23001-03	CONNECTING ROD BOLT	-	2	M6X1. 0X13DX33L	
350	276-23301-13	PISTON PIN	6666-	1	13DX9DX44L	
	276-23301-03	PISTON PIN	-6665	1	13DX9DX44L	276-23301-13
360	276-23401-H3	PISTON	6501-	1	STD (58DX35H)	
	276-23401-03	PISTON	-6500	1	STD (58DX35H)	276-23401-H3
361	276-23403-H3	PISTON	6501-	1	0. 25 O. S. (58DX35H)	
	276-23403-03	PISTON	-6500	1	0. 25 O. S. (58DX35H)	276-23403-H3
362	276-23404-H3	PISTON	6501-	1	0. 50 O. S. (58DX35H)	
	276-23404-03	PISTON	-6500	1	0. 50 O. S. (58DX35H)	276-23404-H3
370	276-23511-17	PISTON RING SET	-	1	STD OIL EXPANDER	276-23511-27
371	276-23512-17	PISTON RING SET	-	1	0. 25 O. S. OIL EXPAND	276-23512-27
372	276-23513-17	PISTON RING SET	-	1	0. 50 O. S. OIL EXPAND	276-23513-27
380	215-25004-03	CLIP	-	2	14. 1DX1. 2D	

3 INTAKE EXHAUST

FIG. 300

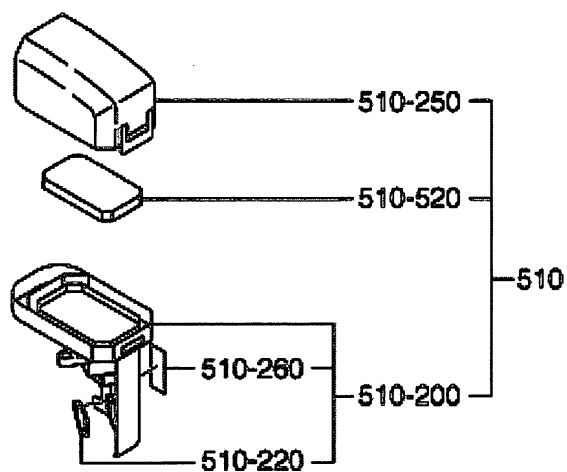
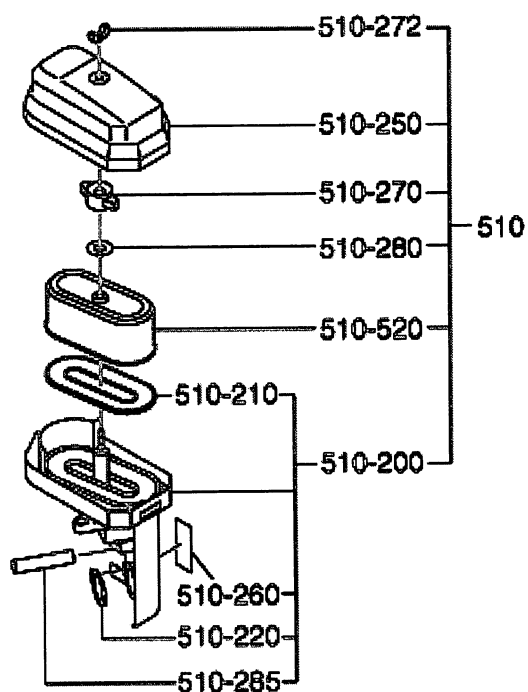
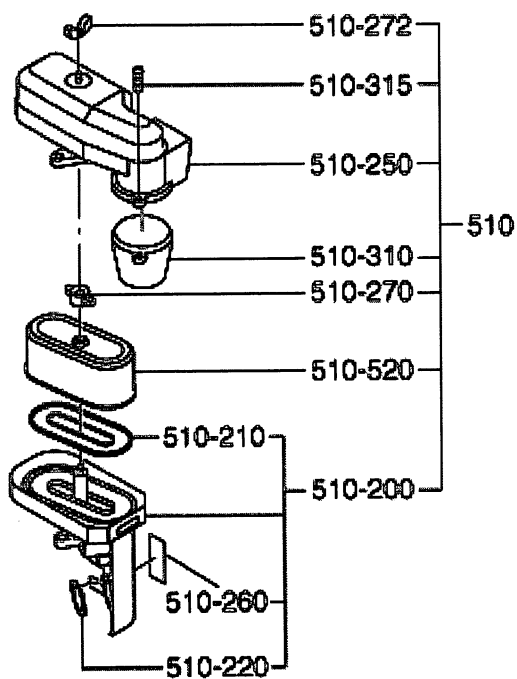


REF	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	277-31601-31	CAM SHAFT CP	6696-	1	85DX2. 9B N=40	277-31601-41
	277-31601-21	CAM SHAFT CP	6635-6695	1	85DX2. 9B N=40	277-31601-31
	277-31601-11	CAM SHAFT CP	-6634	1	85DX2. 9B N=40	277-31601-21
25	277-35101-03	PIN(CAM SHAFT)	-	1	9DX78. 5L	277-35101-01
27	024-00600-10	O RING	-	1	5. 8DX9. 6D	024-00600-30
34	277-38601-03	PIN(SPRING)	-	1	4DX8DX9L	
35	277-36401-03	RELEASE LEVER	-	1		
37	277-36501-03	CLIP	-	1	13. 8DX20. 3DX0. 4T	
38	277-38702-03	RETURN SPRING	-	1	5. 1DX0. 6DX4. 4L N=7	
60	279-33601-03	VALVE SPRING	-	2	19. 2DX2. 3DX27. 4L	
70	269-33701-03	SPRING RETAINER	-	2		
80	276-33401-H3	INTAKE VALVE	6491-	1	22DX5. 5DX68L	276-33402-H3
	276-33401-33	INTAKE VALVE	-6490	1	22DX5. 5DX68L	276-33401-H3
90	276-33501-H3	EXHAUST VALVE	6491-	1	18. 5DX5. 5DX68L	276-33502-H3
	276-33501-33	EXHAUST VALVE	-6490	1	18. 5DX5. 5DX68L	276-33501-H3
95	132-10KA0-31	COLLET-VALVE	-	4		
150	276-35601-11	TIMING CHAIN CP	5965-	1	86 LINK	276-35602-H1
	276-35601-01	TIMING CHAIN CP	-5964	1	86 LINK	276-35601-11
160	277-36911-03	TENTIONER	-	1		20A-36911-03
163	277-37101-03	SPRING(TENTIONER)	-	1	10DX1. 8DX14L N=4. 5	
166	277-36902-03	PIN(TENTIONER)	-	1	6DX13DX34L	
170	277-36913-13	CHAIN GUIDE	-	1		20A-36913-03
200	277-35002-01	PIN(ROCKER) CP	5996-	1	6DX46L	277-35004-01
	277-35001-23	PIN(ROCKER)	-5995	1	6DX9DX41L	
202	003-13050-00	CLIP	5996-	1	5DX11DX0. 6T	
220	277-36201-00	ROCKER ARM(IN) AY	5965-	1		
	277-36101-00	ROCKER ARM(IN) AY	-5964	1		
225	277-36202-00	ROCKER ARM(EX) AY	5965-	1		
	277-36102-00	ROCKER ARM(EX) AY	-5964	1		
230	014-90500-20	ADJUST SCREW	5965-	1	M5X0. 5X23L	

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
	014-90500-10	ADJUST SCREW	-5964	1	M5X0. 5X23L	014-90500-20
231	014-90500-20	ADJUST SCREW	5965-	1	M5X0. 5X23L	
	014-90500-10	ADJUST SCREW	-5964	1	M5X0. 5X23L	014-90500-20
240	017-00500-30	NUT	5965-	1	M5X0. 5X4. 1H	
	017-00500-20	NUT	-5964	1	M5X0. 5X4. 1H	
241	017-00500-30	NUT	5965-	1	M5X0. 5X4. 1H	
	017-00500-20	NUT	-5964	1	M5X0. 5X4. 1H	
290	011-00600-20	FLANGE BOLT	-	1	M6X1. 0X14DX12L	
310	276-30101-J1	MUFFLER CP	7031-	1		
	276-30101-H1	MUFFLER CP	6484-7030	1		276-30101-J1
	276-30101-21	MUFFLER CP	-6483	1		276-30101-J1
320	276-34201-01	MUFFLER COVER CP	5965-	1		276-34201-11
340	277-35201-13	GASKET(MUFFLER)	5965-	1	T=0. 2 26D 9DX58P	
	277-35201-03	GASKET(MUFFLER)	-5964	1	T=0. 2 26D 9DX58P	277-35201-13
350	980-20082-80	FLANGE NUT	-	2	M8X1. 25X17DX7. 5H	002-38080-00
360	015-20600-90	TAPPING BOLT	-	2	M6X13DX10L	
361	011-00600-10	FLANGE BOLT	-	1	M6X1. 0X14DX8L	
365	011-00803-20	FLANGE BOLT	6210-	1	M8X1. 25X16DX12L	
	011-00801-50	FLANGE BOLT	-6209	1	M8X1. 25X16DX12L	
385	277-37203-H1	SCREEN CP	6179-	1		
	277-37203-01	SCREEN CP	5965-6178	1		277-37203-H1
387	015-00400-60	TAPPING SCREW	5965-	2	M4X6L	
540	277-32902-J1	INSULATOR CP	6454-	1		20A-32902-01
	277-32902-H1	INSULATOR CP	-6453	1		277-32902-J1
550	277-35903-J3	GASKET2(INSULATOR)	6454-	1	T=0. 5	20A-35903-03
	277-35903-H3	GASKET2(INSULATOR)	5965-6453	1	T=0. 5	277-35903-J3
560	277-35902-J3	GASKET1(INSULATOR)	6454-	1	T=0. 5	20A-35902-03
	277-35902-H3	GASKET1(INSULATOR)	5965-6453	1	T=0. 5	277-35902-J3
570	002-38060-00	FLANGE NUT	-	2	M6X1. 0X13DX6H	
580	011-00600-50	FLANGE BOLT	-	1	M6X1. 0X13DX20L	001-04062-00

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
850	277-32760-08	BREATHER PIPE	-	1	8DX11DX104L	

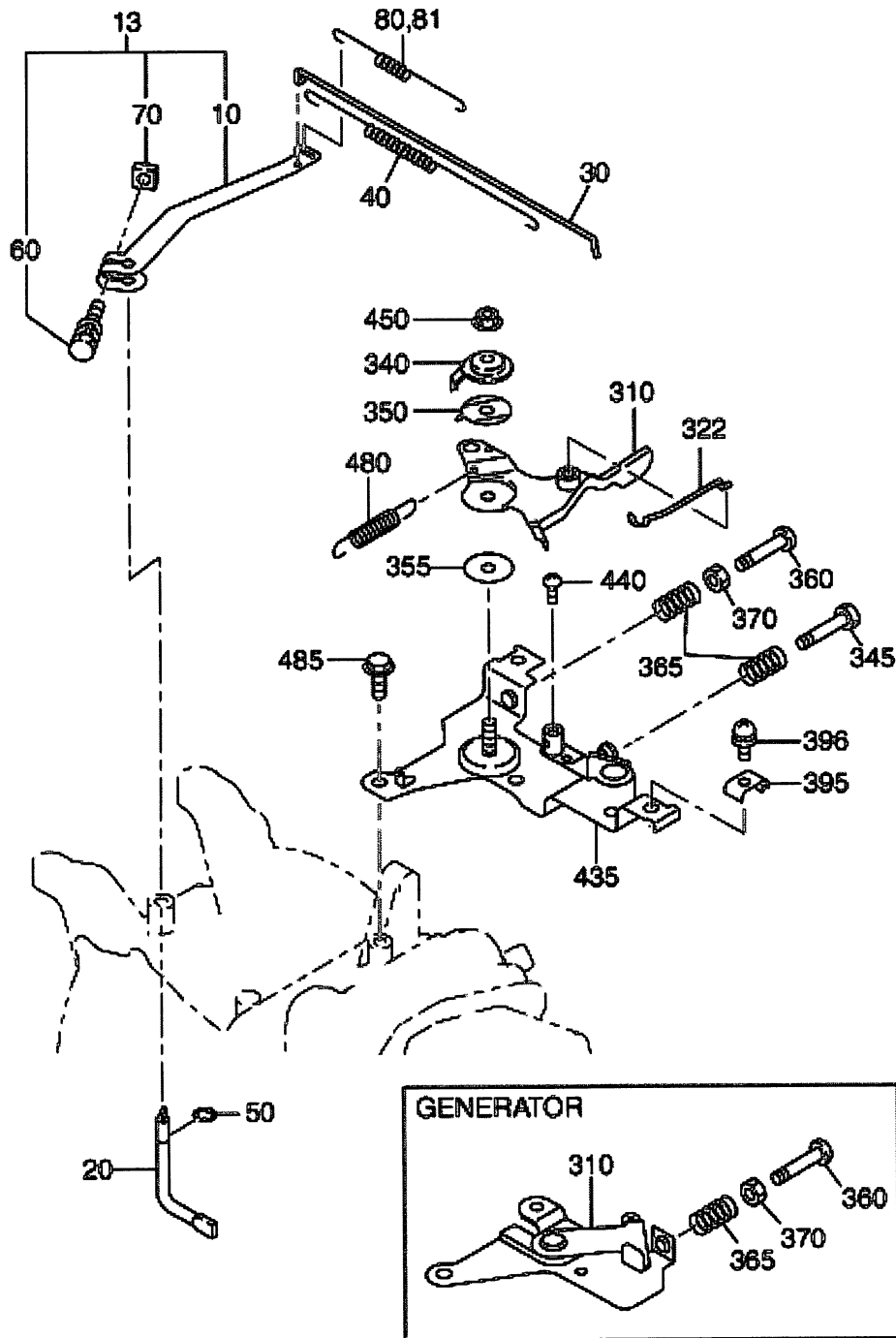
3 INTAKE EXHAUST

FIG. 315**URETHANE FOAM****DUAL ELEMENT****PRE CLEANER**

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
510	277-32611-10	AIR CLEANER AY	6666-	1	URETHANE FOAM	277-32611-20
	277-32611-00	AIR CLEANER AY	-6665	1	URETHANE FOAM	277-32611-10
-200	277-32601-18	BASE CP	6666-	1		277-32601-28
-210	277-32610-08	PACKING	-6665	1		
-220	277-32604-08	PACKING	-	1		
-250	277-32602-08	COVER CP	-	1		277-32602-18
-260	277-32609-08	LABEL	-	1		
-520	277-32603-08	ELEMENT	-	1	URETHANE FOAM	

4 GOVERNOR OPERATION

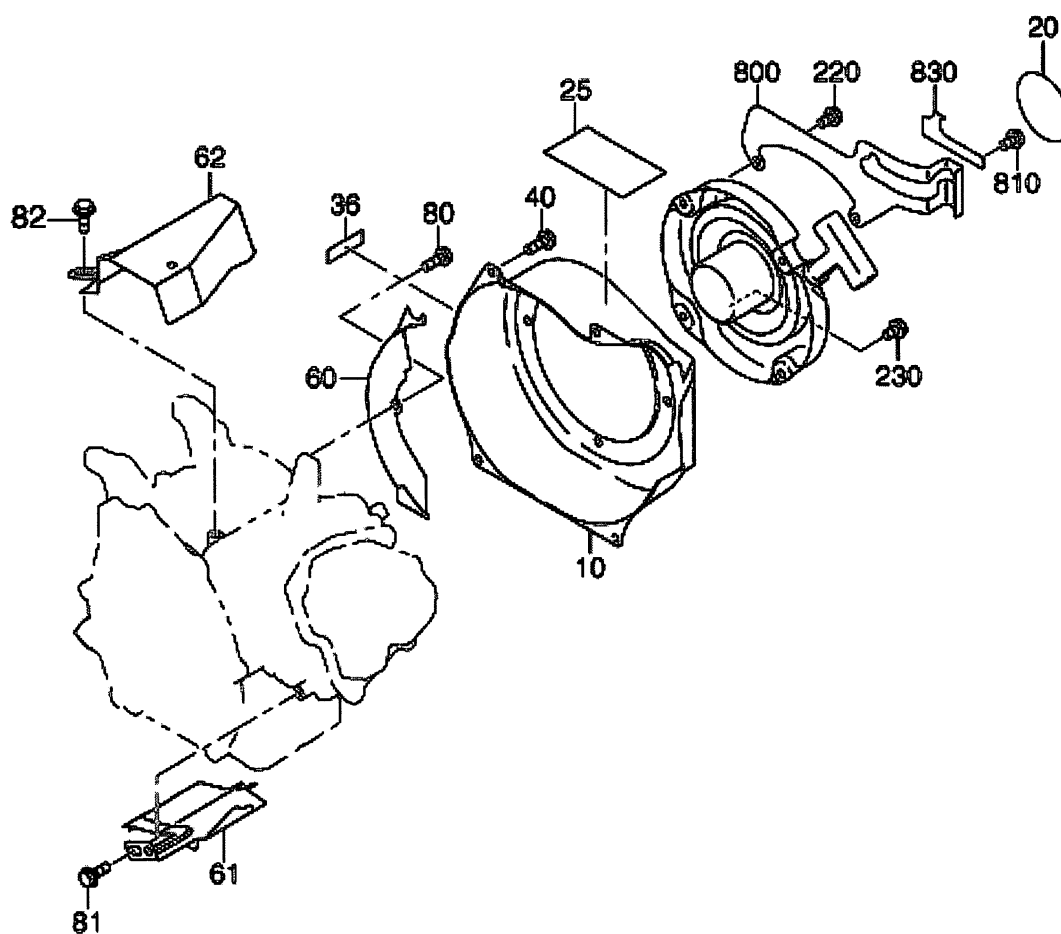
FIG. 400



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	277-42301-23	GOVERNOR LEVER	6088-	1		277-42301-33
	277-42301-13	GOVERNOR LEVER	-6087	1		277-42301-23
20	277-42201-33	GOVERNOR SHAFT	-	1		
30	279-42701-11	GOVERNOR ROD CP	6270-	1		279-42701-23
	279-42701-01	GOVERNOR ROD CP	-6269	1		279-42701-11
40	277-42801-23	ROD SPRING	6270-	1	7DX0. 5DX182L N=16	
	277-42801-13	ROD SPRING	-6269	1	7DX0. 5DX182L N=16	277-42801-23
50	003-13050-00	CLIP	-	1	5DX11DX0. 6T	
60	013-00602-40	BOLT AND WASHER AY	-	1	M6X1. 0X25L W/TWO W	
70	018-60600-20	NUT	-	1	M6X1. 0X4. 9H SQUARE	
80	277-42510-13	GOVERNOR SPRING	6270-	1	7. 5DX0. 7DX115L N=16	277-42510-23
	277-42510-03	GOVERNOR SPRING	6088-6269	1	7. 5DX0. 7DX115L N=16	277-42510-13
	279-42502-43	GOVERNOR SPRING	6057-6087	1	7. 5DX0. 7DX115L N=20	279-42502-53
	279-42502-23	GOVERNOR SPRING	-6056	1	7. 5DX0. 7DX113L N=20	279-42502-33
310	277-43303-03	SPEED CONTROL LEVER	5965-	1		
	277-43301-13	SPEED CONTROL LEVER	-5964	1		277-46002-20
340	277-43502-03	STOP PLATE	6241-	1		
	277-43501-03	STOP PLATE	-6240	1		277-43502-03
350	277-44501-03	WASHER	6423-	1	T=0. 4	
	020-00601-70	WASHER	-6422	1	6DX24DX0. 4T	277-44501-03
355	021-70600-70	FRICTION WASHER	-	1	6. 5DX24DX0. 8T NYLON	
360	004-31062-50	SCREW,PANHEAD	5965-	1	M6X1. 0X25L	
	014-00601-80	SCREW	-5964	1	M6X1. 0X35L	
365	237-45004-23	SPRING (ADJUST)	-	1	6. 9DX0. 9DX20L N=7	
370	002-17060-00	NUT	-5964	1	M6X1. 0X5H	
435	277-46002-02	SPEED CONT.BRKT UN	5965-	1		
	277-46001-01	SPEED CONT.BRKT CP	-5964	1		
450	002-35060-00	SELF LOCK NUT	-	1	M6X1. 0X6. 8H	
485	011-00600-20	FLANGE BOLT	-	2	M6X1. 0X14DX12L	

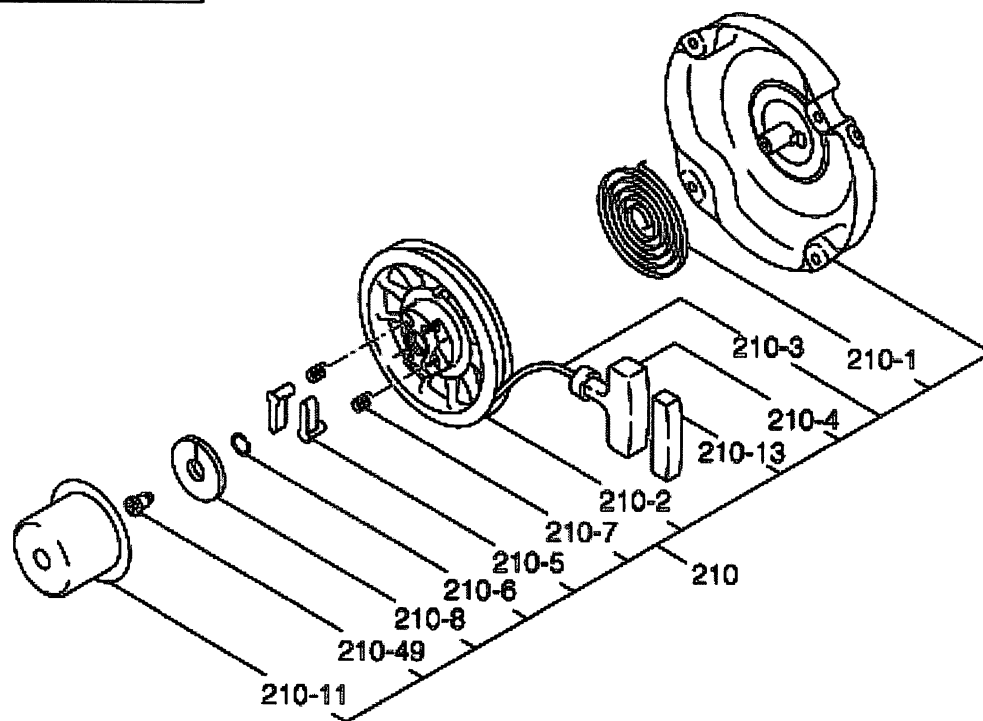
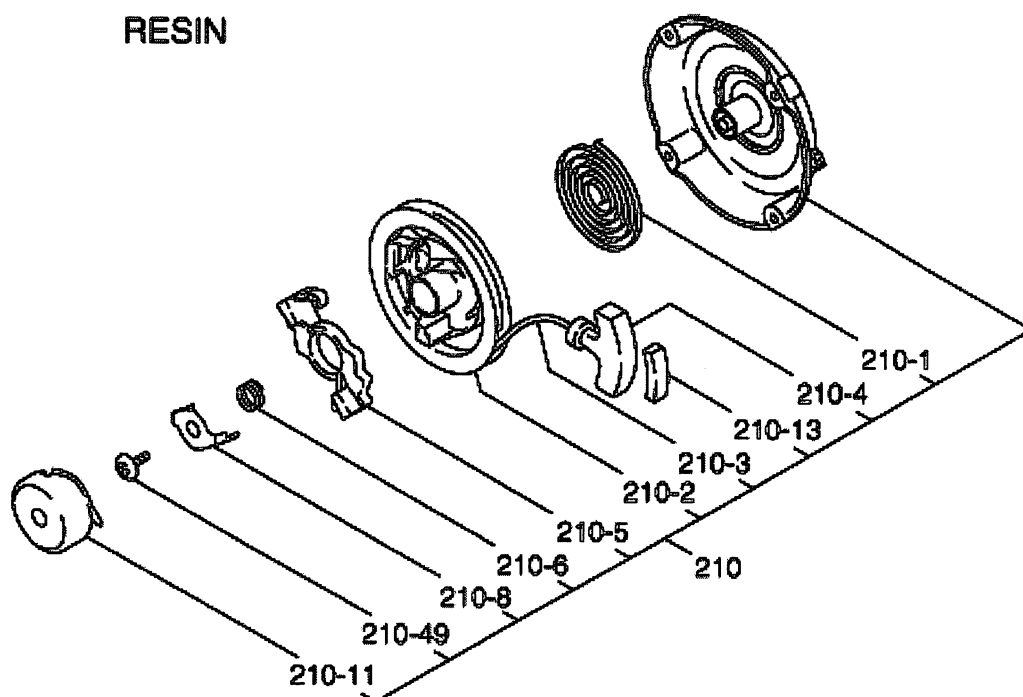
5 COOLING STARTING

FIG. 500



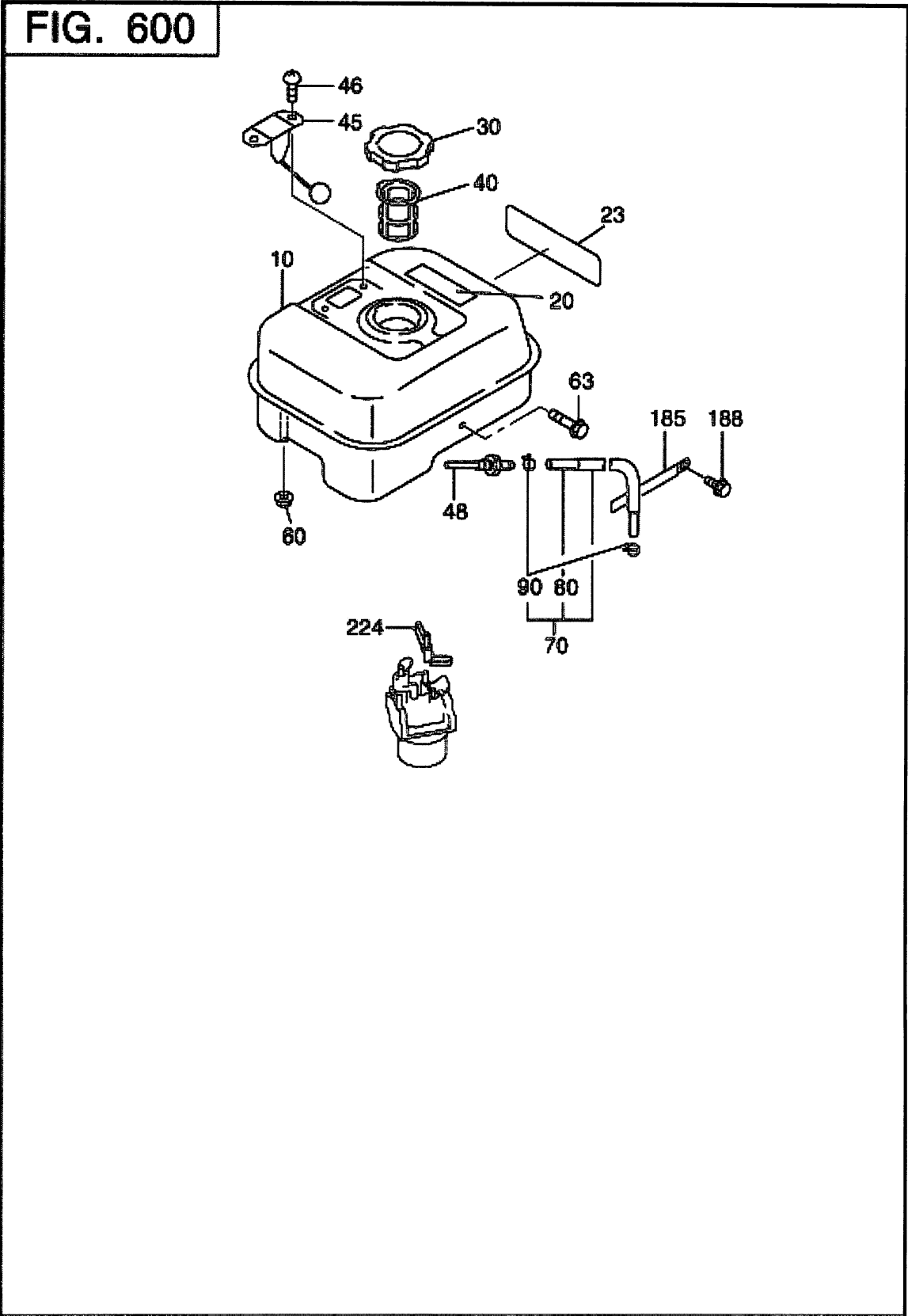
REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	276-51201-11	BLOWER HOUSING CP	-	1	ROBIN YELLOW	
20	073-20054-70	LABEL(TRADE MARK)	6594-	1	60D	073-20054-71
	073-20051-40	LABEL(TRADE MARK)	-6593	1	64D	073-20054-70
40	011-00600-30	FLANGE BOLT	-	4	M6X1. 0X14DX14L	
60	277-52711-21	BAFFLE 1(CASE) CP	6673-	1		20A-52711-01
	277-52711-11	BAFFLE 1(CASE) CP	-6672	1		277-52711-21
61	277-52702-03	BAFFLE 2(HEAD)	-	1		
80	001-04061-60	FLANGE BOLT	-	1	M6X1. 0X13DX16L	
81	011-00600-20	FLANGE BOLT	-	1	M6X1. 0X14DX12L	
220	011-00600-10	FLANGE BOLT	-	4	M6X1. 0X14DX8L	

5 COOLING STARTING

FIG. 520**RESIN**

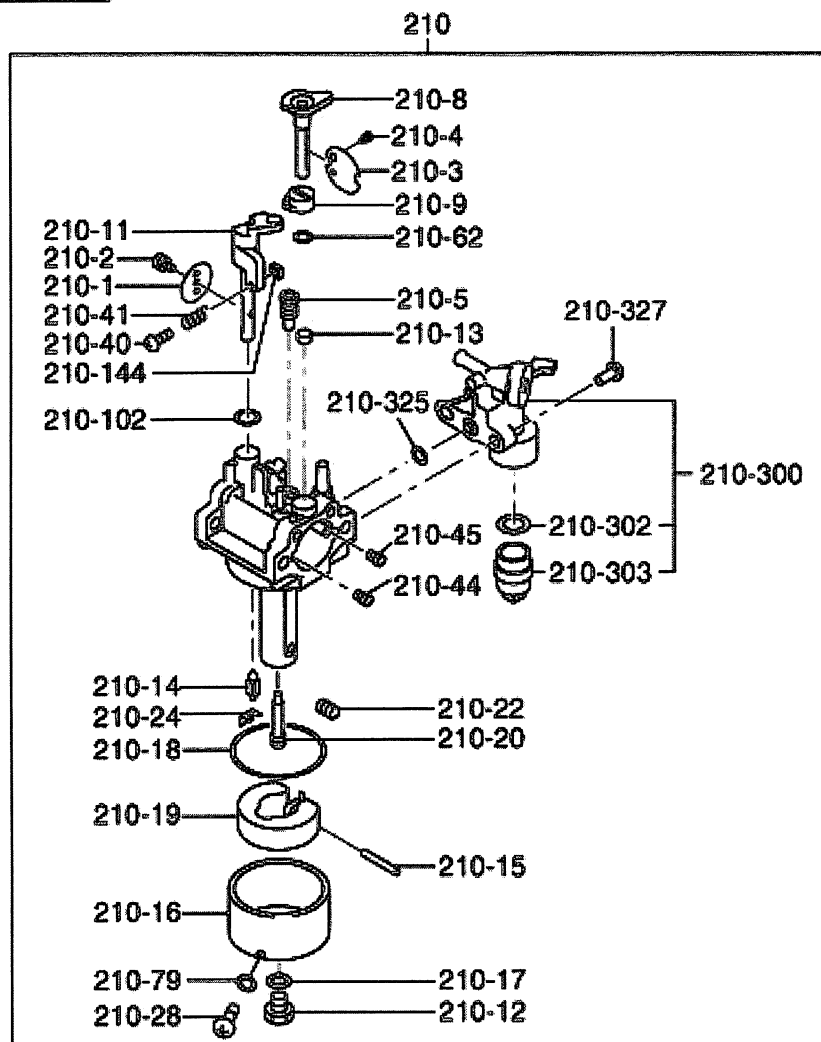
REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
210	268-50201-30	RECOIL STARTER AY	-	1	D 160PD	268-50201-40
- 1	270-50115-08	SPIRAL SPRING	-	1		
- 2	269-50120-08	REEL	-	1		
- 3	282-50111-18	STARTER ROPE	-	1		
- 4	261-50100-08	STARTER KNOB	-	1		261-50100-18
- 5	270-50125-08	RATCHET	-	2		
- 6	227-50131-08	FRICTION SPRING	-	1		
- 7	227-50135-08	RETURN SPRING	-	2		
- 8	270-50261-08	RATCHET GUIDE	-	1		
- 11	268-50145-18	STARTER PULLEY	-	1		
- 49	227-50152-08	SET SCREW	-	1		

6 FUEL LUBRICANT



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	276-60101-11	FUEL TANK CP	-	1	2. 7L ROBIN YELLOW	276-60101-21
20	073-20051-81	LABEL(WARNING)	5996-	1	42X104 ENGLISH	
	073-20051-80	LABEL(WARNING)	-5995	1	42X104 ENGLISH	073-20051-81
23	276-95111-03	LABEL(MODEL)	6594-	1	23X87	276-95112-03
	276-95101-03	LABEL(MODEL)	-6593	1	23X87	276-95111-03
30	043-04400-50	FUEL TANK CAP CP	-	1	43DX68DX14H BLACK	
40	X64-13600-10	FUEL FILTER	6362-	1		
	064-13600-10	FUEL FILTER	-6361	1	36DX46DX43H	X64-13600-10
48	050-51200-20	UNION	-	1	M12X4DX78L W/FILTER	X50-51200-20
60	002-38060-00	FLANGE NUT	-	2	M6X1. 0X13DX6H	
63	011-00601-30	FLANGE BOLT	-	1	M6X1. 0X14DX25L	
70	276-62605-K1	FUEL PIPE CP	6270-	1	6DX11DX145L	276-62603-11
	276-62605-J1	FUEL PIPE CP	6149-6269	1	6DX11DX145L	276-62605-K1
	276-62605-H1	FUEL PIPE CP	-6148	1	6DX11DX145L	276-62605-J1
80	X85-10612-30	RUBBER PIPE	-6148	1	6DX11DX145L	
90	X56-11100-20	HOSE CLAMP	6149-	2	10. 5DX8BX0. 7T	056-11100-20
	X56-11000-30	HOSE CLAMP	-6148	2	10DX8BX0. 7T	
224	277-43801-01	CHOKE LEVER CP	-	1		

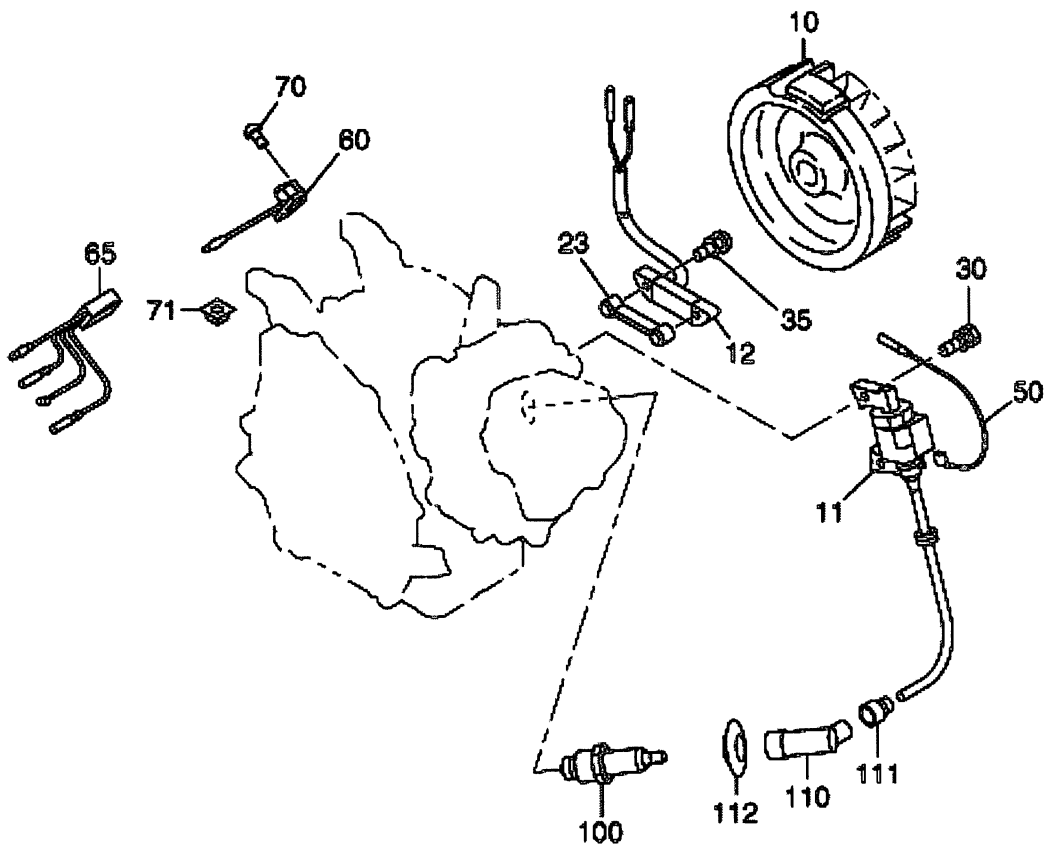
6 FUEL LUBRICANT

FIG. 640

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
210	276-62301-30	CARBURETOR AY	6819-	1		276-62301-40
	276-62301-20	CARBURETOR AY	6301-6818	1		276-62301-30
	276-62301-10	CARBURETOR AY	-6300	1		276-62301-20
- 1	106-62538-08	THROTTLE VALVE	-	1	#200	
- 2	209-62351-08	SCREW	-	1		
- 3	277-62525-08	CHOKE VALVE	-	1		
- 5	246-62420-08	PILOT JET	-	1	#40	
- 8	277-62520-08	CHOKE LEVER	-	1		
- 11	276-62530-18	THROTTLE SHAFT-A	-	1		
- 12	227-62451-08	BOLT	-	1		
- 14	277-62500-08	NEEDLE	-	1		
- 15	277-62515-08	PIN	-	1		
- 16	277-62506-08	FLOAT BODY AY	-	1		
- 17	214-62450-08	PACKING	-	1		
- 18	214-62540-08	CHAMBER PACKING	-	1		
- 19	226-62506-08	FLOAT	-	1		
- 20	276-62440-08	MAIN NOZZLE	-	1		
- 22	277-62404-18	MAIN JET	-	1	#70	
- 24	226-62701-18	CLIP	-	1		
- 28	277-62360-08	SCREW	-	1		
- 40	106-62556-08	SCREW	-	1		
- 41	283-62357-08	SPRING(CO)	-	1		
- 44	207-62410-08	AIR JET	-	1		
- 45	106-62410-08	AIR JET(PILOT)	-	1		
- 79	236-62541-08	PACKING	-	1		
-144	277-62553-08	NUT	-	1		
-300	279-62103-20	COCK BODY-A	6819-	1		279-62103-30
	279-62103-00	COCK BODY-A	6301-6818	1		279-62103-10
-302	277-62110-18	PACKING	6819-	1		
	277-62110-08	PACKING	6301-6818	1		277-62110-18

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
	064-20064-10	PACKING	-6300	1		
-303	277-62100-18	CUP	6819-	1		
	277-62100-08	CUP	6301-6818	1		277-62100-18
	064-20078-10	CUP	-	1		
-325	277-62552-08	O-RING	-	1		
-327	165-62377-08	SCREW	-	2		

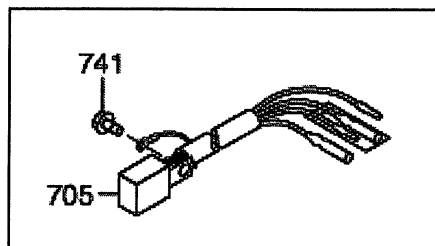
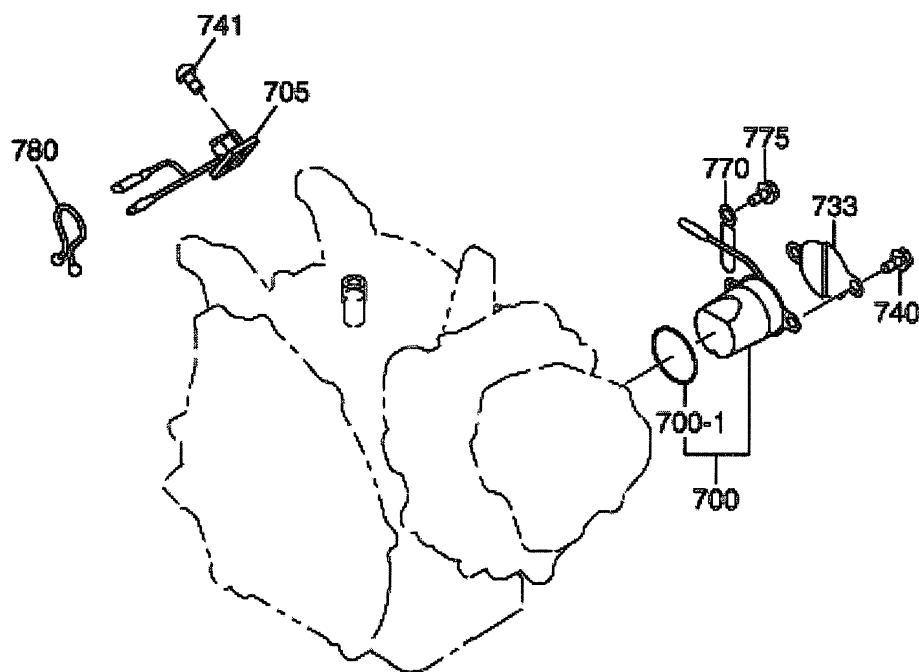
7 ELECTRIC DEVICE

FIG. 700

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	276-79230-21	FLYWHEEL CP	6860-	1	MARK MF5328	
	276-79230-11	FLYWHEEL CP	5965-6859	1	MARK MF5328	276-79230-21
11	277-79431-01	IGNITION COIL CP	5965-	1	MARK BM3790	277-79431-11
30	001-14062-50	BOLT AND WASHER AY	-	2	M6X1. 0X25L W/W, SW	
50	277-73102-H1	WIRE 2 CP	-	1	L=360 BLACK	277-73115-01
60	X66-00003-61	SWITCH AY	-	1		066-00004-71
70	015-00400-90	TAPPING SCREW	-	2	M4	
100	065-01401-50	SPARK PLUG	-	1	NGK BR6HS	
110	065-50002-70	SPARK PLUG CAP	-	1		X65-50002-70

8 ELECTRIC DEVICE

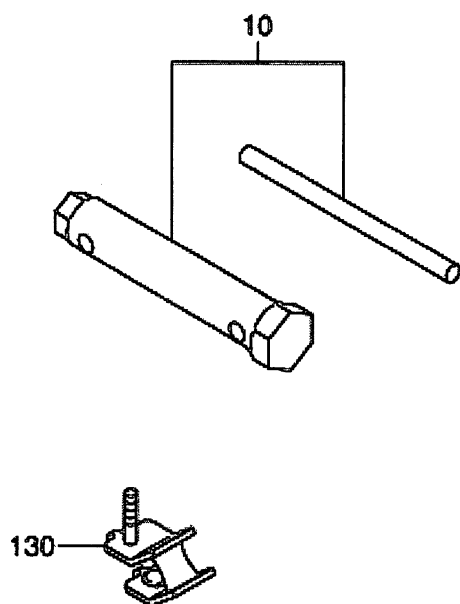
FIG. 770



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
700	277-76301-21	OIL SENSOR CP	6684-	1		
	277-76301-11	OIL SENSOR CP	-6683	1		277-76301-21
- 1	277-76350-08	O RING	6684-	1	P30	
705	KU3-11043-11	FLOAT C/U CP3	-	1		KU3-11043-21
740	001-14061-60	BOLT AND WASHER AY	-	2	M6X1.0X16L W/W, SW	
741	015-20500-10	TAPPING SCREW	-	1	M5X10DX10L	

9 ACCESSORIES LABEL

FIG. 900



EX130D51031 FIG.900

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	277-90301-H0	ACCESSORY TOOL KIT	-	1		277-90301-J0