

PARTS MANUAL

Model

EX400DM5030



SUBARU

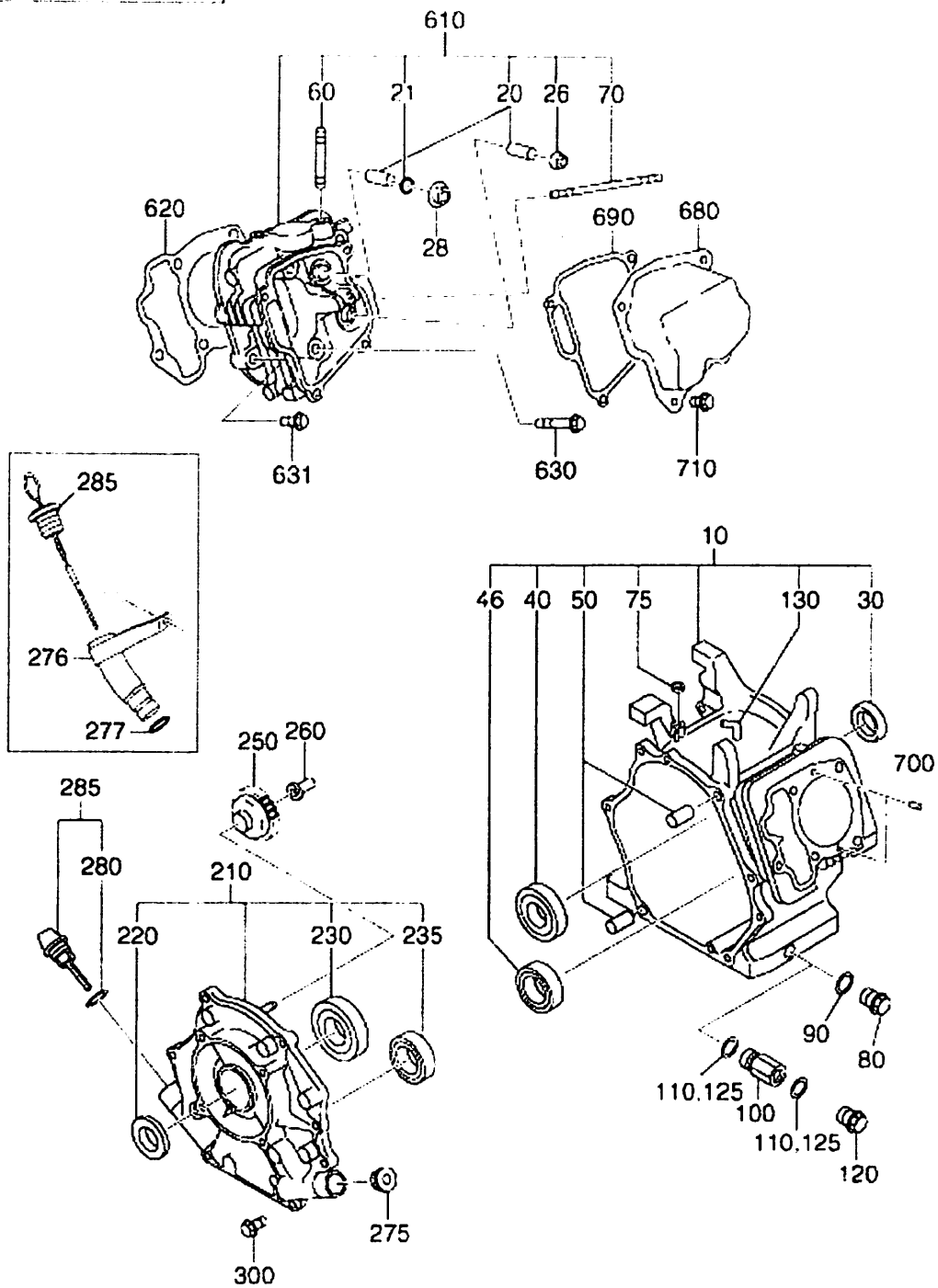
Industrial Power Products

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1 CRANK CASE

FIG. 100



960-- GASKET SET

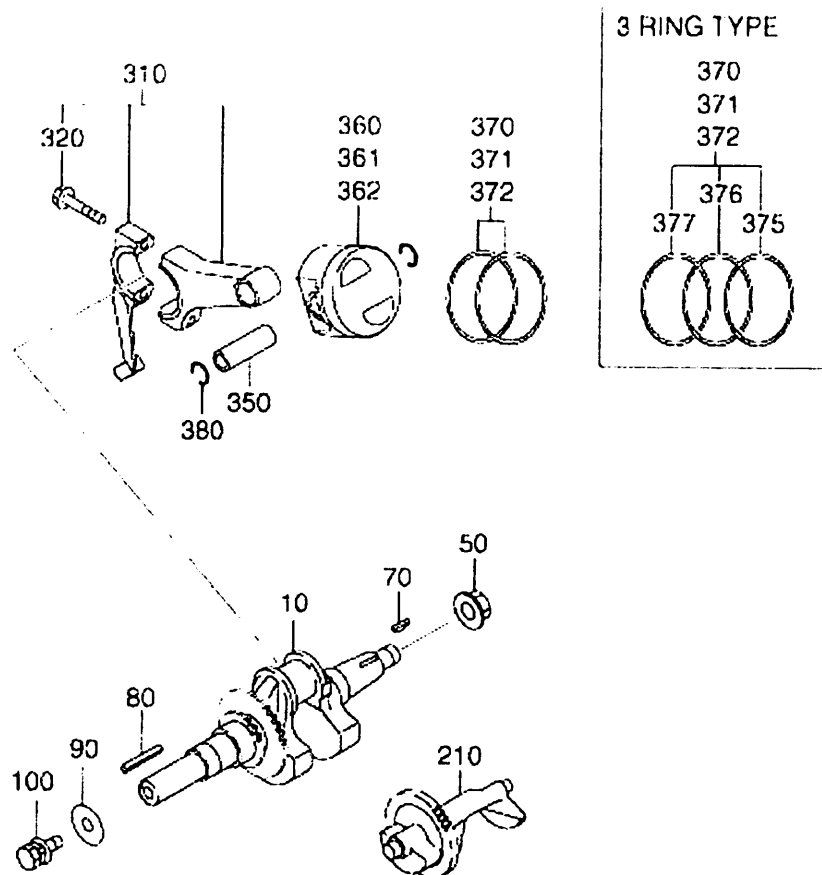
REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	20B-10102-51	CRANKCASE CP	-	1		
20	20B-14202-03	VALVE GUIDE	-	2		
21	056-51000-50	CLIP	-	1	10. 7DX0. 90	
26	132-11AA1-10	SEAL-EXH VALVE	-	1		
28	263-35341-03	RETAINER PLATE	-	1	11DX17. 3DX27DX4. 7H	
30	044-03500-91	OIL SEAL	-	1	35DX48DX8B	
40	X60-03502-40	BALL BEARING	-	1	35DX72DX17B	060-03503-00
46	X60-01500-11	BALL BEARING	-	1	15DX35DX11B	060-01500-11
50	277-15011-03	PIPE KNOCK	-	2		
60	010-50802-90	STUD	-	2	M8X1. 25X30L	
70	010-50604-40	STUD	-	2	M6X62X125L	
75	044-00800-10	OIL SEAL	-	1	8DX14DX4B	
80	040-11400-30	OIL DRAIN PLUG	-	2		
90	021-11400-20	GASKET 14	-	2		
210	20B-11002-21	MAINBEARING COVER CP	-	1		20B-11002-31
220	044-03500-91	OIL SEAL	-	1	35DX48DX8B	
230	X60-03502-40	BALL BEARING	-	1	35DX72DX17B	060-03503-00
235	X60-01500-11	BALL BEARING	-	1	15DX35DX11B	060-01500-11
250	20B-45003-11	GOVERNOR GEAR CP	-	1		
260	277-41902-01	GOVERNOR SLEEVE	-	1		
280	279-63601-08	GASKET	-	2		021-32000-50
285	279-63601-30	OIL GAUGE AY	-	2		
300	011-00803-40	FLANGE BOLT	-	8	M8X1. 25X17DX38L	
610	20B-13002-00	CYLINDER HEAD AY	-	1		
620	20B-15001-33	GASKET(HEAD)	-	1	T=0. 2	
630	011-01000-40	FLANGE BOLT	-	4	M10X1. 25X19DX75L	
631	001-04083-50	FLANGE BOLT	-	2	M8X1. 25X16DX35L	
680	20B-15501-01	ROCKER COVER CP	-	1		
690	20B-16001-03	GASKET(ROCKER COVER)	-	1	T=0. 5	

EX400DM5030 FIG.100

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
700	031-00600-10	DOWEL PIN	-	2	6DX14, BL	
710	011-00600-20	FLANGE BOLT	-	4	M6X1, 0X14DX12L	
960	20B-99001-37	GASKET SET	-	1		

2 CRANKSHAFT,PISTON

FIG. 200

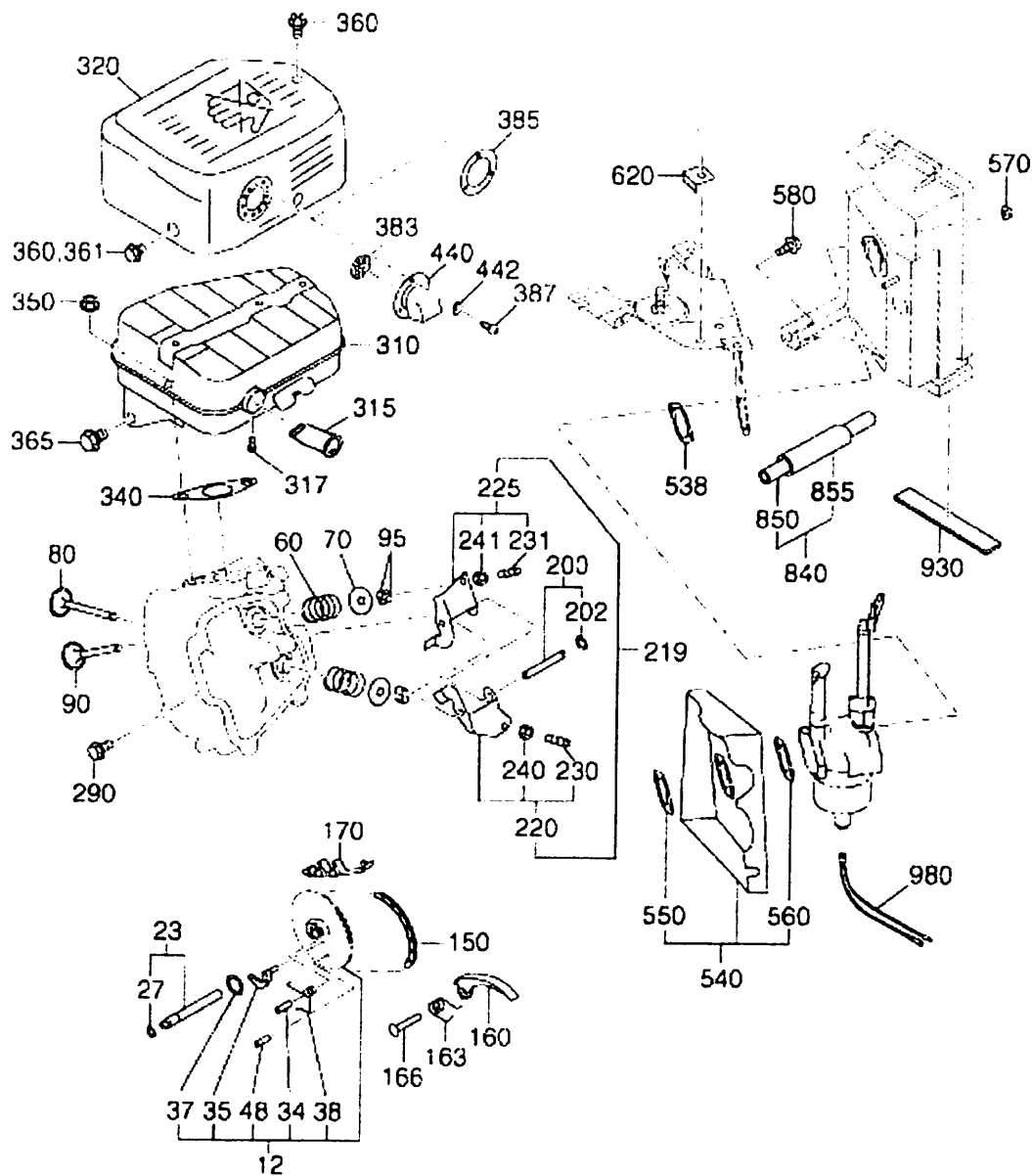


EX400DM5030 FIG.200

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	20B-20901-31	CRANK SHAFT CP	-	1		
50	018-01800-10	FLANGE NUT	-	1	M18X1.5X31DX14H	
70	005-32054-01	WOODRUFF KEY	-	1	58X7.5HX19D	
80	207-26001-03	KEY	-	1	6.38X6.3HX40L	
210	22B-24101-03	BALANCER SHAFT	-	1		
310	20B-22503-00	CONNECTING ROD AY	-	1		
320	001-05084-00	FLANGE BOLT	-	2	M8X1.25X16DX40L	
350	263-23301-33	PISTON PIN	-	1	21DX15DX64.2L	
360	22B-23401-J3	PISTON	-	1	STD	
361	22B-23403-J3	PISTON	-	1	0.25 O.S.	
362	22B-23404-J3	PISTON	-	1	0.50 O.S.	
370	22B-23501-07	PISTON RING SET	-	1	STD	
371	22B-23502-07	PISTON RING SET	-	1	0.25 O.S.	
372	22B-23503-07	PISTON RING SET	-	1	0.50 O.S.	
380	056-52100-20	CLIP	-	2	22.1DX1.4D	

3 INTAKE,EXHAUST

FIG. 300



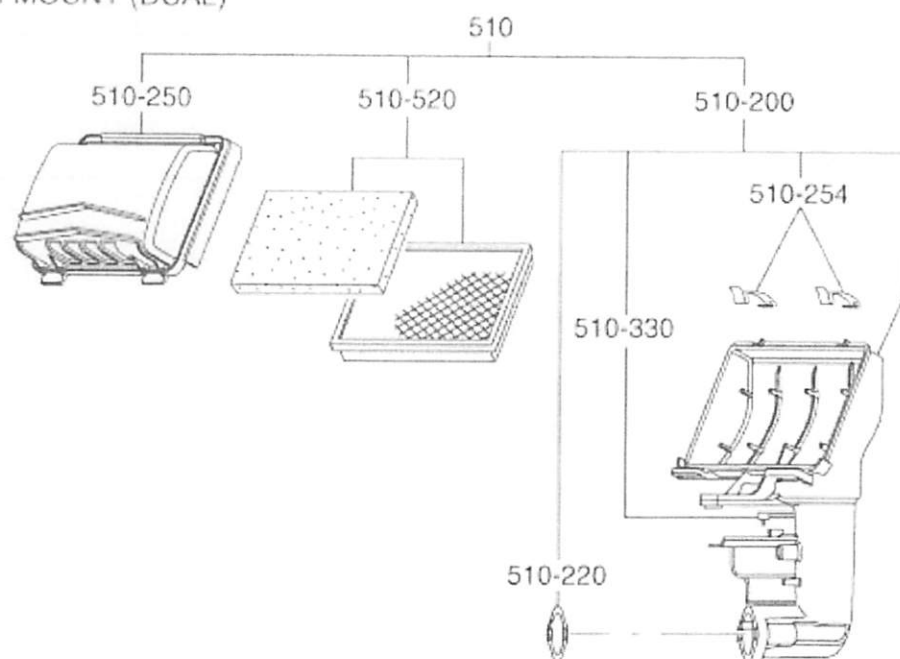
REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
12	20B-31601-20	CAMSHAFT AY	-	1		
23	20B-35101-21	PIN(CAM SHAFT)CP	-	1		
27	024-00700-21	O-RING	-	1		
34	005-19041-00	SPRING PIN	-	1	4. 4DX10LX0. 8T	
35	277-36401-13	RELEASE LEVER	-	1		
37	20B-36501-03	CLIP	-	1		
38	277-38702-03	RETURN SPRING	-	1	5. 1DX0. 6DX4. 4L N=7	
48	031-80500-20	ROLL PIN	-	1		
60	246-33611-03	VALVE SPRING	-	2	22. 2DX2. 9DX37L N=6. 5	
70	246-33711-13	SPRING RETAINER	-	2	7. 6DX26DX8T	
80	20B-33402-H3	INTAKE VALVE	-	1		
90	20B-33502-H3	EXHAUST VALVE	-	1		
95	246-35501-03	COLLET-VALVE	-	4		
150	20B-35601-H1	TIMING CHAIN CP	-	1	112LINK	
160	20A-36911-03	TENTIONER	-	1		
163	277-37101-03	SPRING(TENTIONER)	-	1	10DX1. 8DX14L N=4. 5	
166	277-36902-03	PIN(TENTIONER)	-	1	6DX13DX34L	
170	20A-36913-03	CHAIN GUIDE	-	1		
200	20B-35001-01	PIN(ROCKER)CP	-	1		
202	003-13060-00	CLIP	-	1	6DX12DX0. 8T	
219	20B-36001-07	ROCKER ARM AY SET	-	1		
230	014-90500-20	ADJUST SCREW	-	1	M5X0. 5X23L	
231	014-90500-20	ADJUST SCREW	-	1	M5X0. 5X23L	
240	017-00500-30	NUT	-	1	M5X0. 5X4. 1H	
241	017-00500-30	NUT	-	1	M5X0. 5X4. 1H	
290	011-00600-10	FLANGE BOLT	-	1	M6X1. 0X14DX8L	
310	20B-30111-J2	MUFFLER UN	-	1		
315	267-37602-01	SPARK ARRESTER CP	-	1		
317	015-00400-60	TAPPING SCREW	-	1	M4X6L	
320	20B-34201-11	MUFFLER COVER CP	-	1		

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
340	20B-35201-13	GASKET(MUFFLER)	-	1	T=0.2	
350	002-38080-00	FLANGE NUT	-	2	M8X1.25X17DX7.5H	
360	011-00600-10	FLANGE BOLT	-	5	M6X1.0X14DX8L	
365	011-00803-20	FLANGE BOLT	-	1	M8X1.25X16DX12L	
387	015-00400-60	TAPPING SCREW	-	3	M4X6L	
440	20B-37001-11	DEFLECTOR CP	-	1		
538	20B-35903-13	GASKET 3	-	1	T=0.5	
540	20B-32901-K1	INSULATOR CP	-	1		
550	20B-35902-H3	GASKET 2	-	1	T=0.5	
560	20B-35901-H3	GASKET 1	-	1	T=0.5	
570	002-38060-00	FLANGE NUT	-	2	M6X1.0X13DX6H	
580	001-04061-60	FLANGE BOLT	-	1	M6X1.0X13DX16L	
620	20B-57101-03	COVER STAY(A/C)	-	1		
850	X85-11001-70	RUBBER PIPE	-	1	10DX15DX170L	

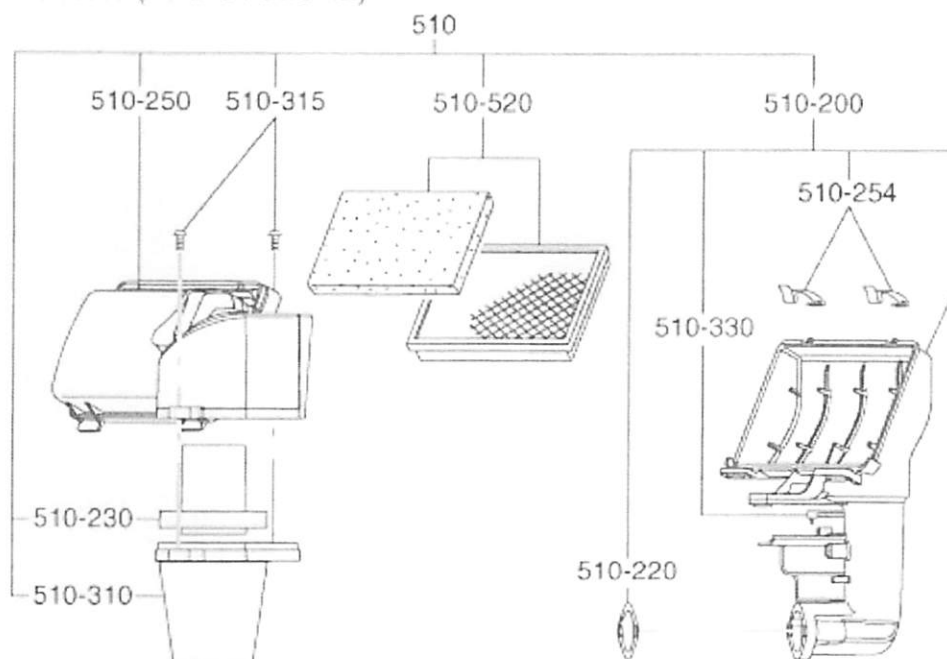
3 INTAKE,EXHAUST

FIG. 317

HI MOUNT (DUAL)



HI MOUNT (PRE CYCLONE)

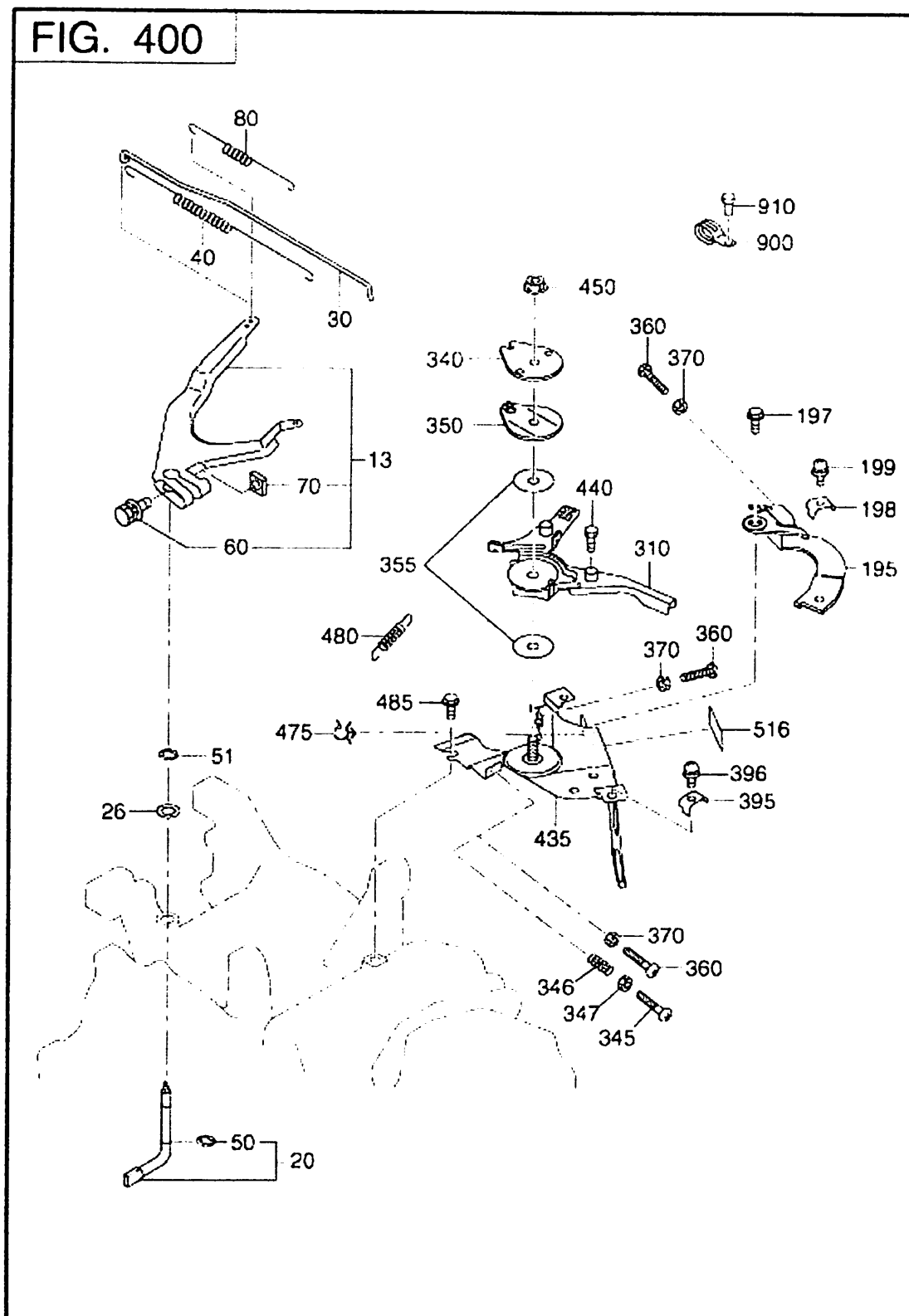


EX400DM5030 FIG.317

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
510	20B-32651-J0	AIR CLEANER AY	-	1	H1-MOUNT (DUAL)	
-200	20B-32636-H8	BODY CP	-	1		
-220	20B-32720-H8	PACKING	-	1		
-250	20B-32641-J8	COVER	-	1		
-254	20B-32680-H8	CLIP 1	-	2		
-330	20B-43801-H1	CHOKE LEVER CP	-	1		
-520	20B-32610-J7	ELEMENT AY	-	1		

4 GOVERNOR OPERATION

FIG. 400

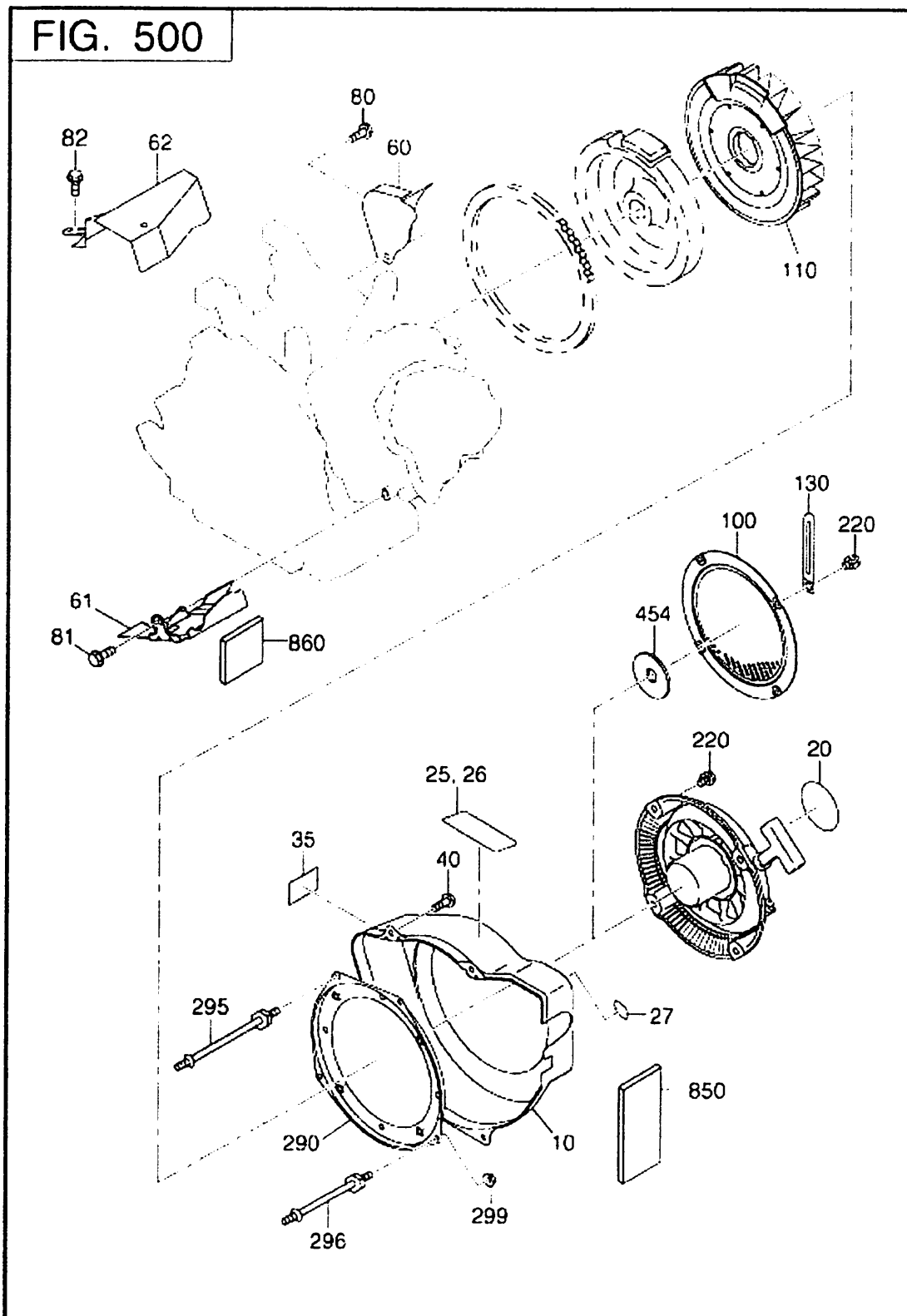


REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
13	20B-42301-20	GOVERNOR LEVER AY	-	1		
20	20B-42201-01	GOVERNOR SHAFT CP	-	1		
26	003-11080-00	WASHER	-	1	8. 5DX18DX1. 6T	
30	20B-42701-23	GOVERNOR ROD	-	1		
40	20B-42801-13	ROD SPRING	-	1		
50	003-13060-00	CLIP	-	1	6DX12DX0. 8T	
51	003-13060-00	CLIP	-	1	6DX12DX0. 8T	
60	001-14062-50	BOLT AND WASHER AY	-	1	M6X1. 0X25L W/W. SN	
70	018-60600-20	NUT	-	1	M6X1. 0X4. 9H SQUARE	
80	22G-42501-03	GOVERNOR SPRING	-	1		
310	20B-43301-01	SPEED CONT. LEVER CP	-	1		
340	227-43501-13	STOP PLATE	-	1		
350	227-45002-03	SPRING WASHER	-	1	T=0. 4	
355	021-70600-30	FRICTION WASHER	-	2	6. 5DX33DX0. 6T FIBER	
360	004-31062-00	SCREW	-	1	M6X1. 0X20L	
370	002-27060-00	NUT	-	1	M6X1. 0X3. 6H	
395	277-43902-03	CLAMP	-	1		
396	013-10500-30	SCREW AND WASHER AY	-	1	M5X0. 8X20L W/W. SN	
435	20B-46001-21	SPEED CONTROL BKT CP	-	1		
440	004-31040-80	SCREW	-	1	M4X0. 7X8L	
450	002-35060-00	SELF LOCK NUT	-	1	M6X1. 0X6. 8H	
480	277-45103-03	RETURN SPRING	-	1	7DX0. 7DX28L N=15	
485	011-00600-20	FLANGE BOLT	-	1	M6X1. 0X14DX12L	

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5 COOLING,STARTING

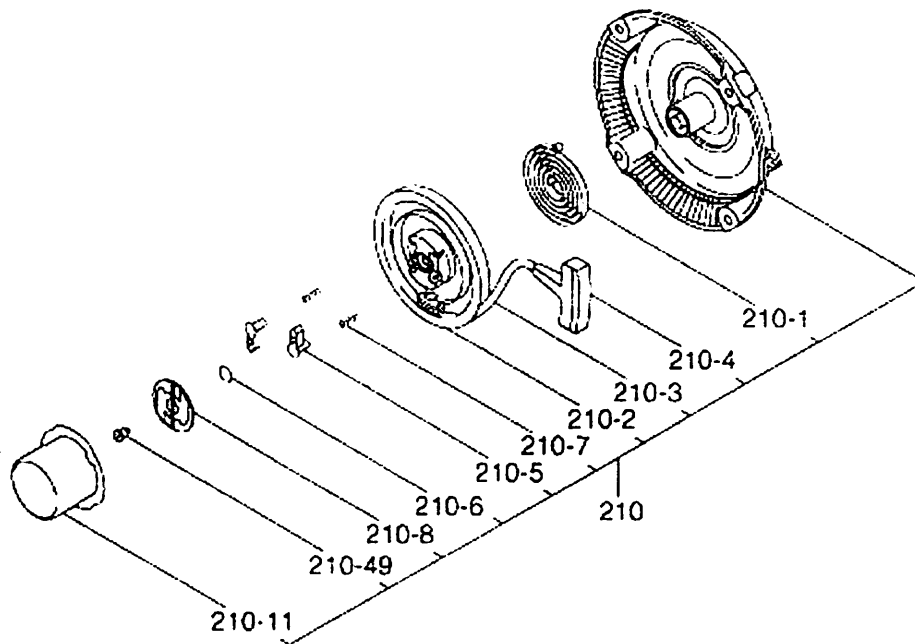
FIG. 500



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	20B-51302-11	BLOWER HOUSING CP	-	1		20B-51302-21
20	X73-20060-90	LABEL(TRADE MARK)	9922-	1		
	X73-20058-20	LABEL(TRADE MARK)	-9921	1		073-20058-20
40	011-00600-20	FLANGE BOLT	-	4	M6X1. 0X14DX12L	
60	279-52711-11	BAFFLE 1(CASE) CP	-	1		
61	20B-52704-13	BAFFLE 2(HEAD)	-	1		
80	001-65081-20	BOLT	-	1	M8X1. 25X12L	
81	011-00600-10	FLANGE BOLT	-	2	M6X1. 0X14DX8L	
110	20B-54101-H3	COOLING BLOWER	-	1		
220	013-00602-81	BOLT AND WASHER AY	-	4	M6X1. 0X14L W/SH	

5 COOLING STARTING

FIG. 520

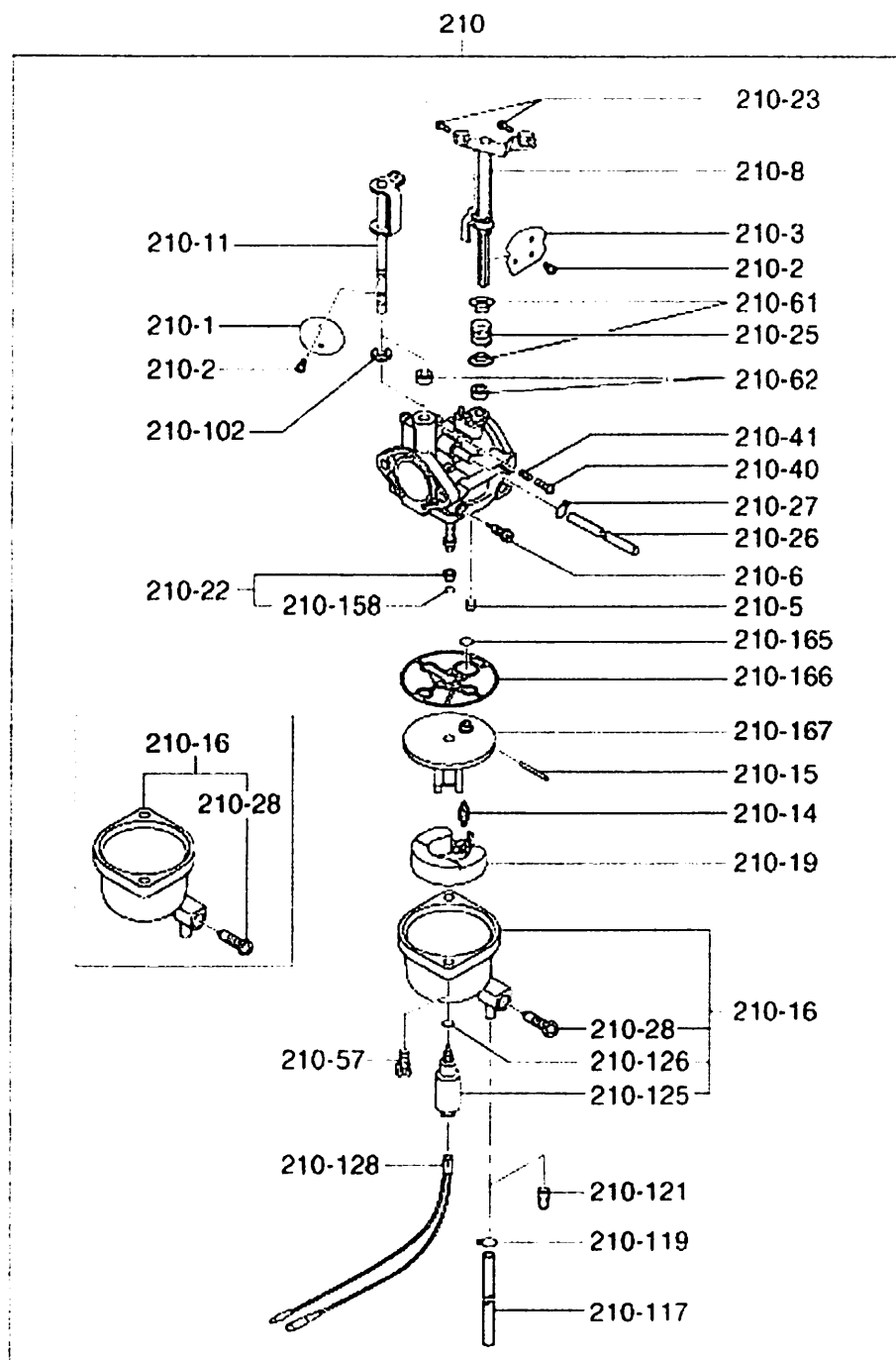


REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
210	20B-50301-H0	RECOIL STARTER AY	-	1		
- 1	22D-50155-H8	SPIRAL SPRING	-	1		
- 2	22D-50121-H8	REEL	-	1		
- 3	22D-50110-H8	STARTER ROPE	-	1		
- 4	20F-50100-18	STARTER KNOB	-	1		
- 5	22H-50125-08	RATCHET	-	2		
- 6	274-50131-08	FRICTION SPRING	-	1		
- 7	22D-50136-H8	RETURN SPRING	-	2		
- 8	22D-50141-H8	RATCHET GUIDE	-	1		
- 11	20B-50145-H8	STARTER PULLEY	-	1		
- 49	20B-50101-08	SET SCREW	-	1		

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	20B-60102-01	FUEL TANK CP	-	1		20B-60102-11
20	X73-20057-60	LABEL(WARNING)	-	1		073-20057-60
23	22G-95103-03	LABEL(MODEL)	-	1		22G-95103-13
30	X43-04401-62	FUEL TANK CAP CP	-	1		
40	X64-13600-10	FUEL FILTER	-	1		
50	X64-20122-01	FUEL STRAINER AY	-	1		
57	011-00600-10	FLANGE BOLT	-	1	M6X1.0X14DX8L	
60	002-38080-00	FLANGE NUT	-	2	M8X1.25X17DX7.5H	
63	011-00802-50	FLANGE BOLT	-	2	M8X1.25X16DX25L	
70	20B-62601-31	FUEL PIPE CP	-	1		
71	267-62604-11	FUEL PIPE CP	-	1	6.35DX12.7DX250L	
80	085-10622-01	RUBBER PIPE	-	1	6DX11DX85L EVP	085-10620-41
81	X85-10614-91	RUBBER PIPE	-	1	6.4DX12.7DX250L	
90	056-11000-30	HOSE CLAMP	-	2	10DX8BX1T	
92	X56-11100-60	HOSE CLAMP	-	2	11.5DX8BX0.7T	
185	056-81200-20	CLAMP	-	1		

6 FUEL LUBRICANT

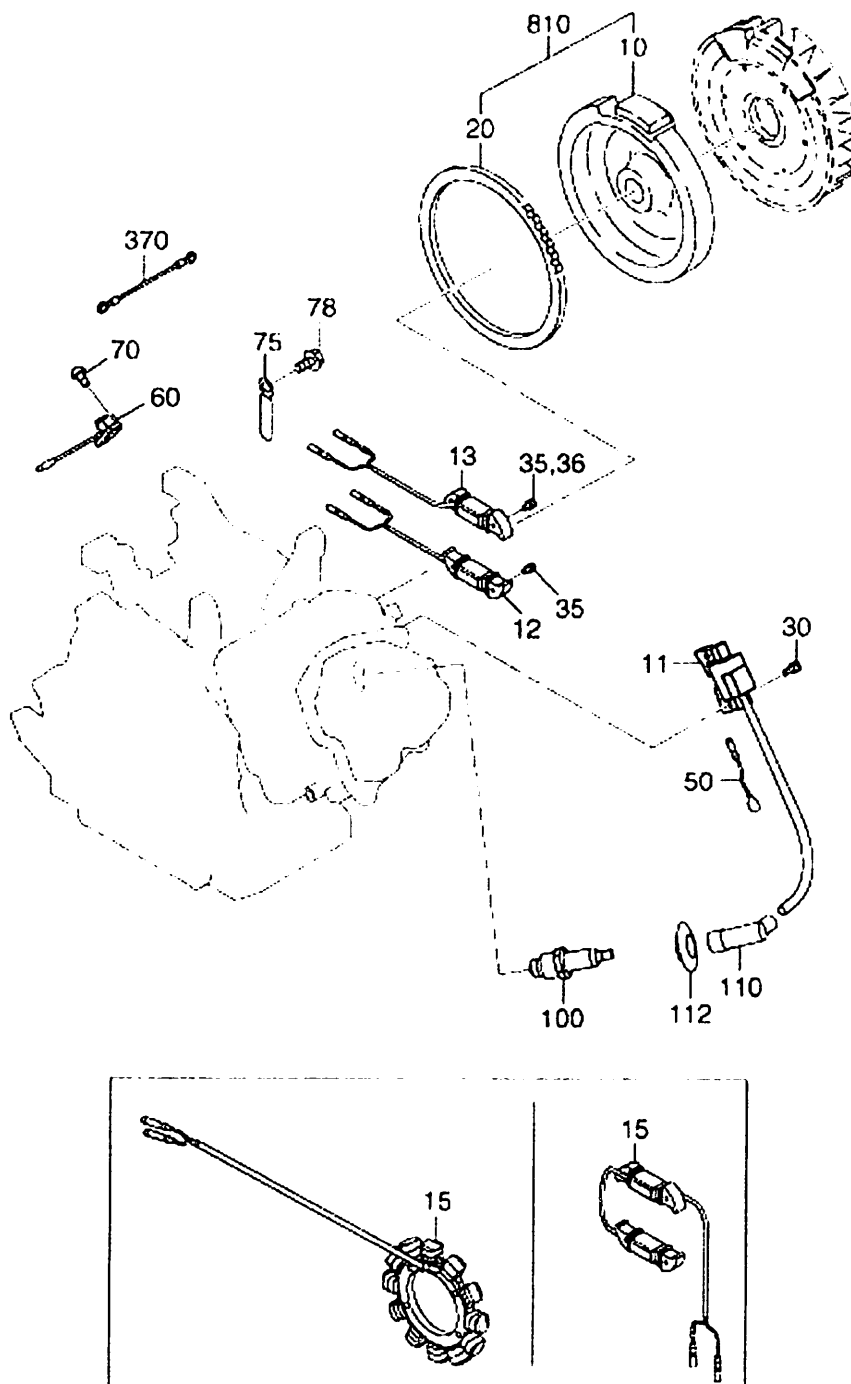
FIG. 640



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
210	20B-62320-20	CARBURETOR AY	-	1		
- 1	20B-62535-08	VALVE,THROTTLE	-	1		
- 2	261-62352-08	SCREW,VALVE SET	-	2		
- 3	20B-62526-08	VALVE,CHOKE	-	1		
- 5	20B-62427-08	JET,SLOW (#59)	-	1		
- 8	20B-62533-08	SHAFT,CHOKE	-	1		
- 11	20B-62531-08	SHAFT CP THROTTLE	-	1		
- 14	20B-62500-08	VALVE AY FLOAT	-	1		
- 15	263-62515-08	PIN,FLOAT	-	1		
- 16	20B-62550-08	CHAMBER CP,FLOAT	-	1		
- 19	20B-62505-08	FLOAT AY	-	1		
- 22	20B-62415-08	JET,MAIN (#115)	-	1	#115	
- 28	20B-62354-08	SCREW,DRAIN	-	1		
- 40	20B-62353-08	SCREW,THRO.ADJUST	-	1		
- 41	20B-62445-08	SPRING,THRO.ADJUST	-	1		
- 57	20B-62453-08	SCREW	-	2		
- 62	258-62554-08	FILTER,AIR	-	1		
-102	226-62580-08	FILTER,AIR	-	1		
-158	20B-62542-08	O RING	-	1		
-165	20B-62541-08	O RING	-	1		
-166	20B-62540-08	O RING SPACER	-	1		
-167	20B-62520-08	SPACERCARB'	-	1		

7 ELECTRIC DEVICE

FIG. 700

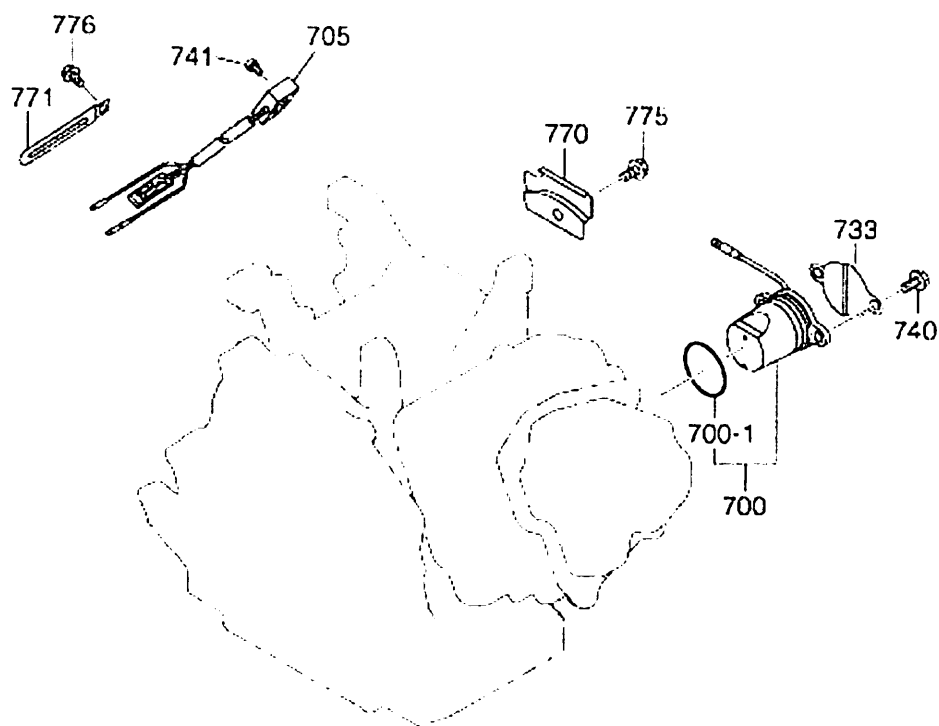


REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	22G-79230-01	FLYWHEEL CP	-	1		
11	22G-79430-01	IGNITION COIL CP	-	1		
30	001-14063-00	BOLT AND WASHER AY	-	2	M6X1. 0X30L W/W. SW	
50	20B-73101-01	WIRE 1 CP	-	1		
75	214-79006-01	CLAMP CP	-	1	50XM6X12BX0. 4T	
78	011-00600-10	FLANGE BOLT	-	1	M6X1. 0X14DX8L	
100	X65-01430-50	SPARK PLUG	-	1	TORCH E6RC	
110	065-50003-11	SPARK PLUG CAP	-	1		

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8 ELECTRIC DEVICE

FIG. 770



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
700	279-76301-61	OIL SENSOR CP	10003-	1		
	279-76301-51	OIL SENSOR CP	-10002	1		279-76301-61
- 1	277-76350-08	O RING	-	1	P30	
705	KU3-11077-01	FLOAT C/U CP11	-	1		KU3-11077-11
733	277-75801-03	SHIELD PLATE(O/S)	9879-	1		
740	001-04061-40	FLANGE BOLT	9879-	2	M6X1.0X13DX14L	
	001-14061-60	BOLT AND WASHER AY	-9878	2	M5X1.0X16L W/W. SH	
741	015-00400-90	TAPPING SCREW	-	2	M4X12L	
770	20B-75501-13	WIRE CLAMP	-	1		
775	015-20600-90	TAPPING BOLT	-	1	M6X13DX10L	