

PARTS MANUAL

MODEL
EX40
Engine

EX400D50141

09/15



SUBARU

Industrial Power Products

Subaru Industrial Power Products

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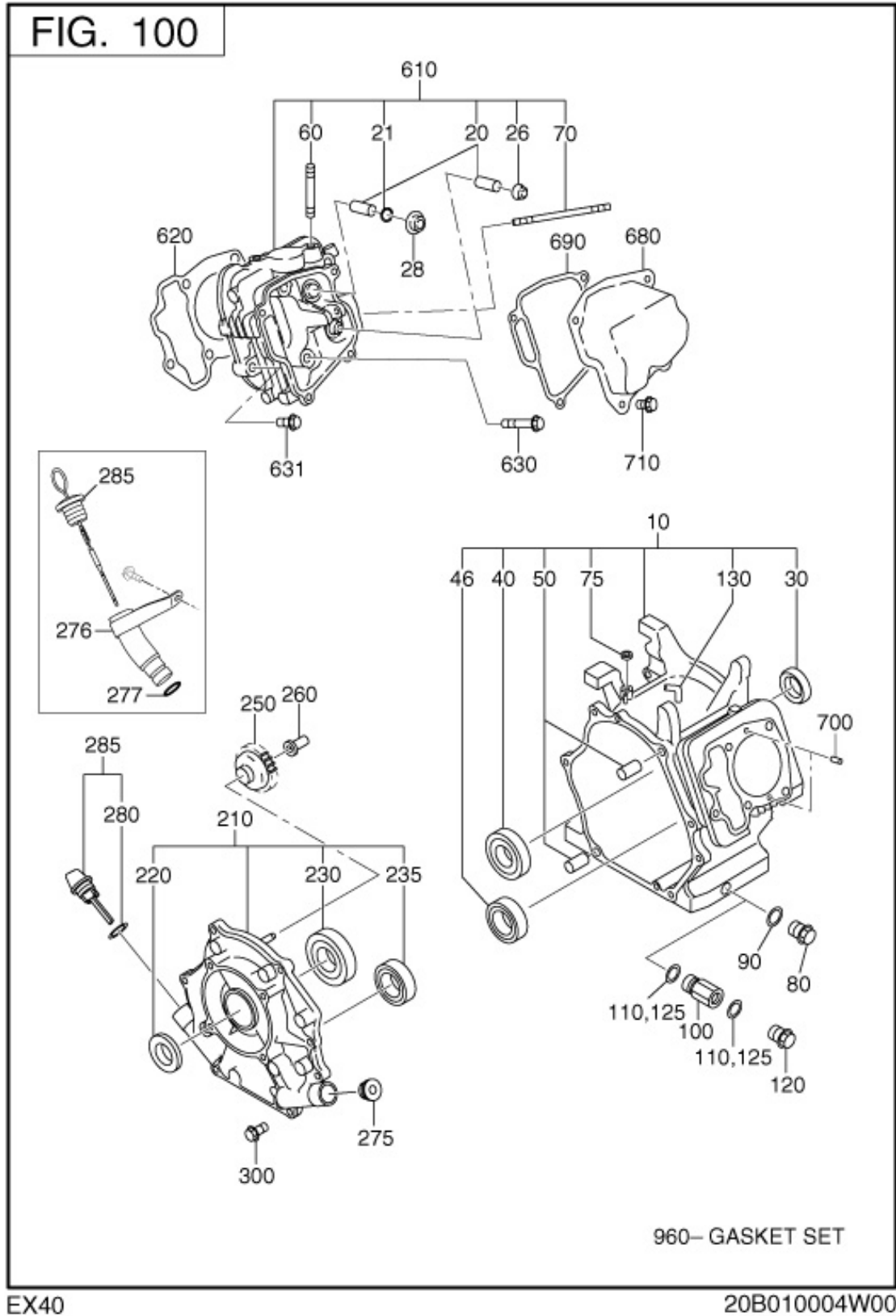
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100 Crankcase

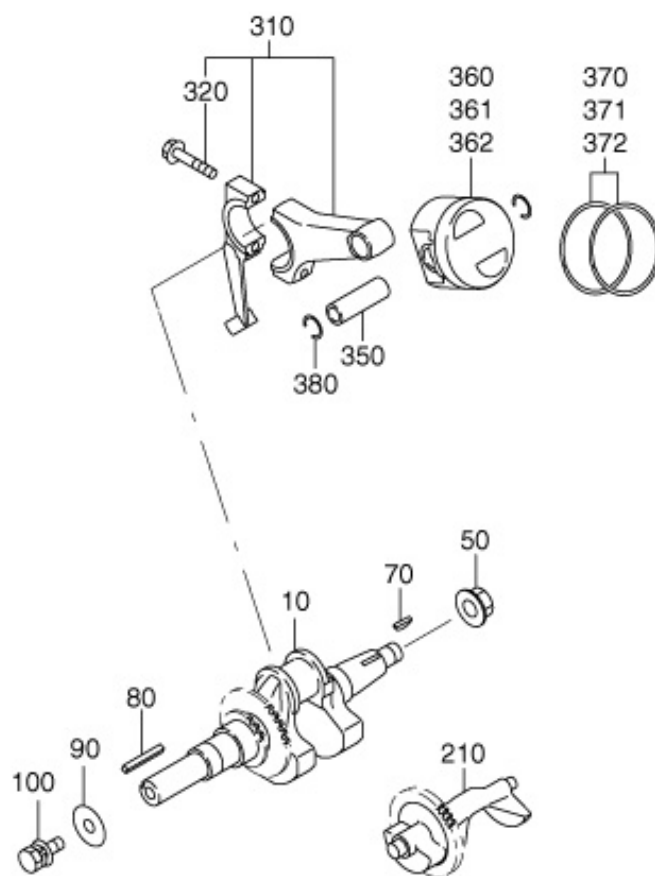


100 Crankcase

Ref	Part Number.	Description	Qty	Remark
10	20B-10102-41	CRANK CASE CP	1	9025~
10	20B-10102-31	CRANK CASE CP	1	~9024
20	20B-14202-03	VALVE GUIDE	2	
21	056-51000-50	CLIP	1	
26	132-11AA1-10	SEAL-EXH VALVE	1	
28	263-35341-03	RETAINER PLATE	1	
30	044-03500-91	OIL SEAL	1	
40	X60-03502-40	BALL BEARING	1	
46	X60-01500-11	BALL BEARING	1	
50	277-15011-03	PIPE KNOCK	2	
60	010-50802-90	STUD	2	
70	010-50604-40	STUD	2	
75	044-00800-10	OIL SEAL	1	9025~
80	040-11400-30	PLUG	2	
90	021-11400-20	GASKET	2	
210	20B-11002-21	MAINBEARING COVER CP	1	
220	044-03500-91	OIL SEAL	1	
230	X60-03502-40	BALL BEARING	1	
235	X60-01500-11	BALL BEARING	1	
250	20B-45003-11	GOVERNOR GEAR CP	1	
260	277-41902-01	GOVERNOR SLEEVE CP	1	
280	021-32000-50	GASKET	2	
285	279-63601-30	OIL GAUGE AY	2	
300	011-00803-40	FLANGE BOLT	8	
610	20B-13002-00	CYLINDER HEAD AY	1	
620	20B-15001-33	GASKET(HEAD)	1	8966~
620	20B-15001-23	GASKET(HEAD)	1	~8965
630	011-01000-40	FLANGE BOLT	4	
631	001-04083-50	FLANGE BOLT	2	
680	20B-15501-01	ROCKER COVER CP	1	
690	20B-16001-03	GASKET(ROCKER COVER)	1	
700	031-00600-10	DOWEL PIN	2	
710	011-00600-20	FLANGE BOLT	4	
960	20B-99001-37	GASKET SET	1	

200 Crankshaft

FIG. 200



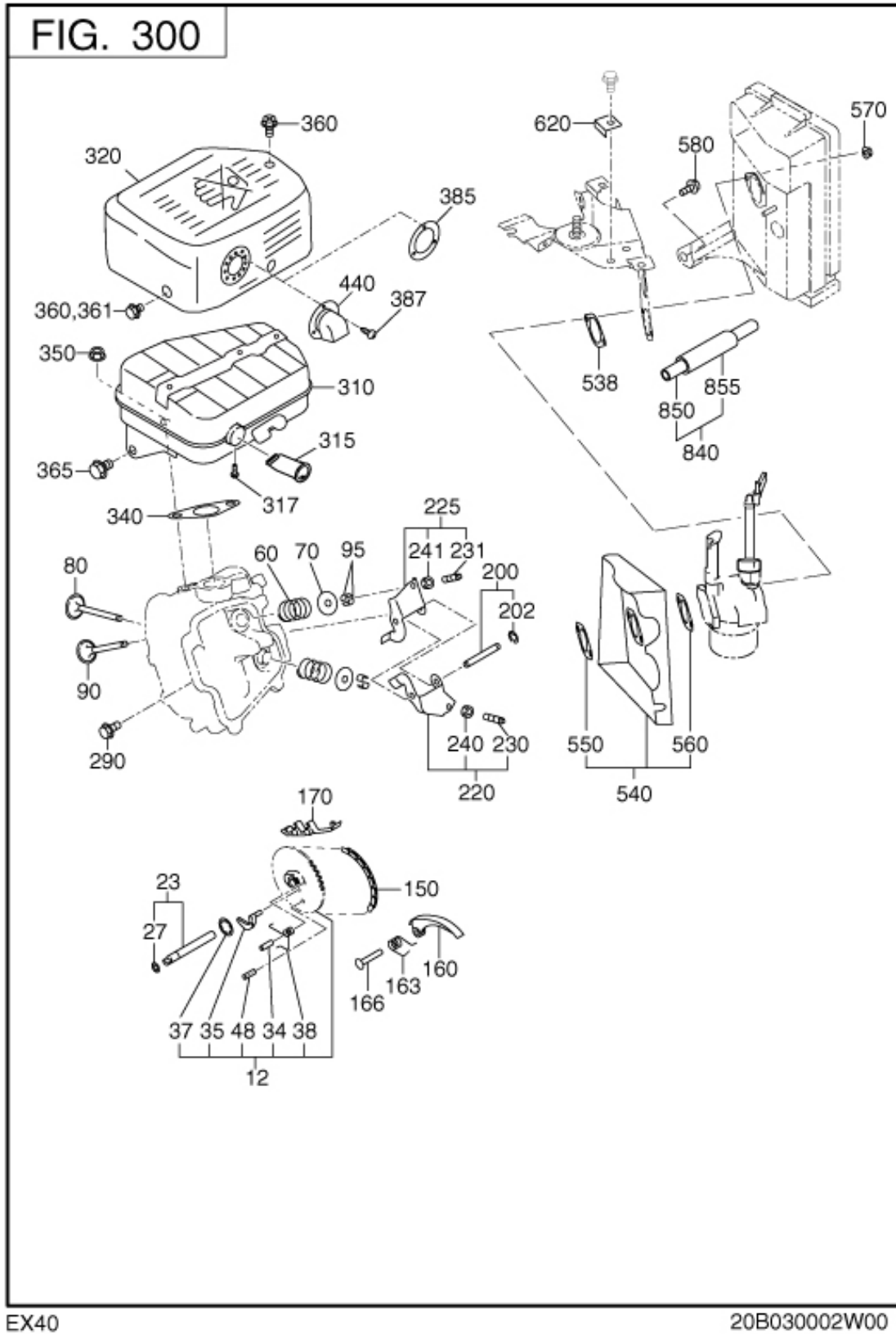
EX40

20B020001W00

200 Crankshaft

Ref	Part Number.	Description	Qty	Remark
10	20B-20901-21	CRANK SHAFT CP	1	9193~
10	20B-20901-11	CRANK SHAFT CP	1	~9192
50	018-01800-10	FLANGE NUT	1	
70	005-32054-01	WOODRUFF KEY	1	
80	207-26001-03	KEY	1	
210	20B-24101-03	BALANCER SHAFT	1	
310	20B-22503-00	CONNECTING ROD AY	1	9100~
310	20B-22501-00	CONNECTING ROD AY	1	~9099
320	001-05084-00	FLANGE BOLT	2	
350	263-23301-33	PISTON PIN	1	
360	20B-23401-H3	PISTON	1	
361	20B-23403-H3	PISTON	1	
362	20B-23404-H3	PISTON	1	
370	20B-23501-07	PISTON RING SET	1	
371	20B-23502-07	PISTON RING SET	1	
372	20B-23503-07	PISTON RING SET	1	
380	056-52100-20	CLIP	2	

300 Intake & Exhaust



300 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
12	20B-31601-20	CAMSHAFT AY	1	9115~
12	20B-31601-10	CAMSHAFT AY	1	~91414
23	20B-35101-21	PIN(CAM SHAFT)CP	1	
27	024-00700-21	O-RING	1	
34	005-19041-00	SPRING PIN	1	
35	277-36401-13	RELEASE LEVER	1	9115~
35	277-36401-03	RELEASE LEVER	1	~9114
37	20B-36501-03	CLIP	1	
38	277-38702-03	RETURN SPRING	1	
48	031-80500-20	ROLL PIN	1	
60	246-33611-03	VALVE SPRING	2	
70	246-33711-13	SPRING RETAINER	2	
80	20B-33402-H3	INTAKE VALVE	1	9227~
80	20B-33401-H3	INTAKE VALVE	1	~9226
90	20B-33502-H3	EXHAUST VALVE	1	9227~
90	20B-33501-H3	EXHAUST VALVE	1	~9226
95	246-35501-03	COLLET-VALVE	4	
150	20B-35601-H1	TIMING CHAIN CP	1	
160	277-36911-03	TENTIONER	1	
163	277-37101-03	SPRING(TENTIONER)	1	
166	277-36902-03	PIN(TENTIONER)	1	
170	277-36913-13	CHAIN GUIDE	1	
200	20B-35001-01	PIN(ROCKER)CP	1	
202	003-13060-00	CLIP	1	
220	20B-36101-00	ROCKER ARM(IN) AY	1	
225	20B-36102-10	ROCKER ARM(EX) AY	1	
230	014-90500-20	ADJUST SCREW	1	
231	014-90500-20	ADJUST SCREW	1	
240	017-00500-30	NUT	1	
241	017-00500-30	NUT	1	
290	011-00600-10	FLANGE BOLT	1	
310	20B-30101-J2	MUFFLER UN	1	
320	20B-34201-11	MUFFLER COVER CP	1	
340	20B-35201-13	GASKET(MUFFLER)	1	
350	002-38080-00	FLANGE NUT	2	
360	011-00600-10	FLANGE BOLT	5	
365	011-00803-20	FLANGE BOLT	1	
387	015-00400-60	TAPPING SCREW	3	
440	20B-37001-11	DEFLECTOR CP	1	

300 Intake & Exhaust

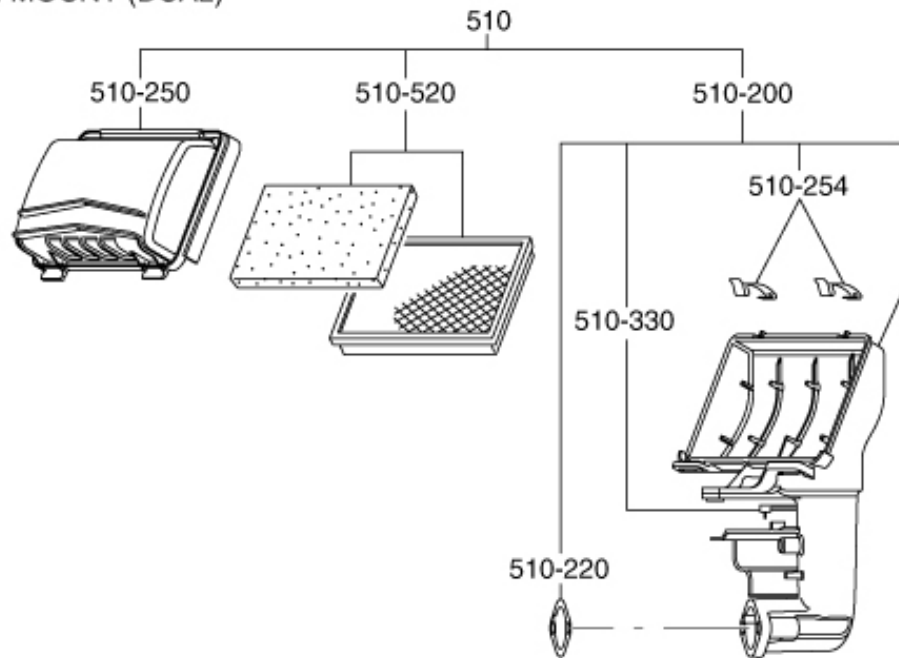
Ref	Part Number.	Description	Qty	Remark
538	20B-35903-13	GASKET 3	1	
540	20B-32901-K1	INSULATOR CP	1	9163~
540	20B-32901-J1	INSULATOR CP	1	~9162
550	20B-35902-H3	GASKET 2	1	
560	20B-35901-H3	GASKET 1	1	
570	002-38060-00	FLANGE NUT	2	
580	001-04061-60	FLANGE BOLT	1	
620	20B-57101-03	COVER STAY(A/C)	1	
850	X85-11001-70	RUBBER PIPE	1	

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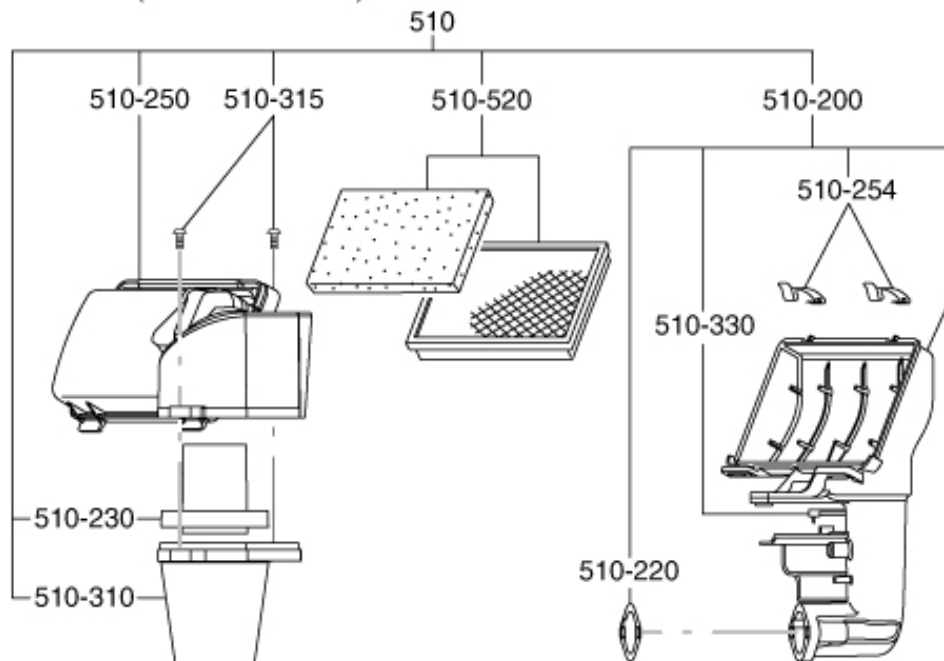
317 Intake & Exhaust

FIG. 317

HI MOUNT (DUAL)



HI MOUNT (PRE CYCLONE)



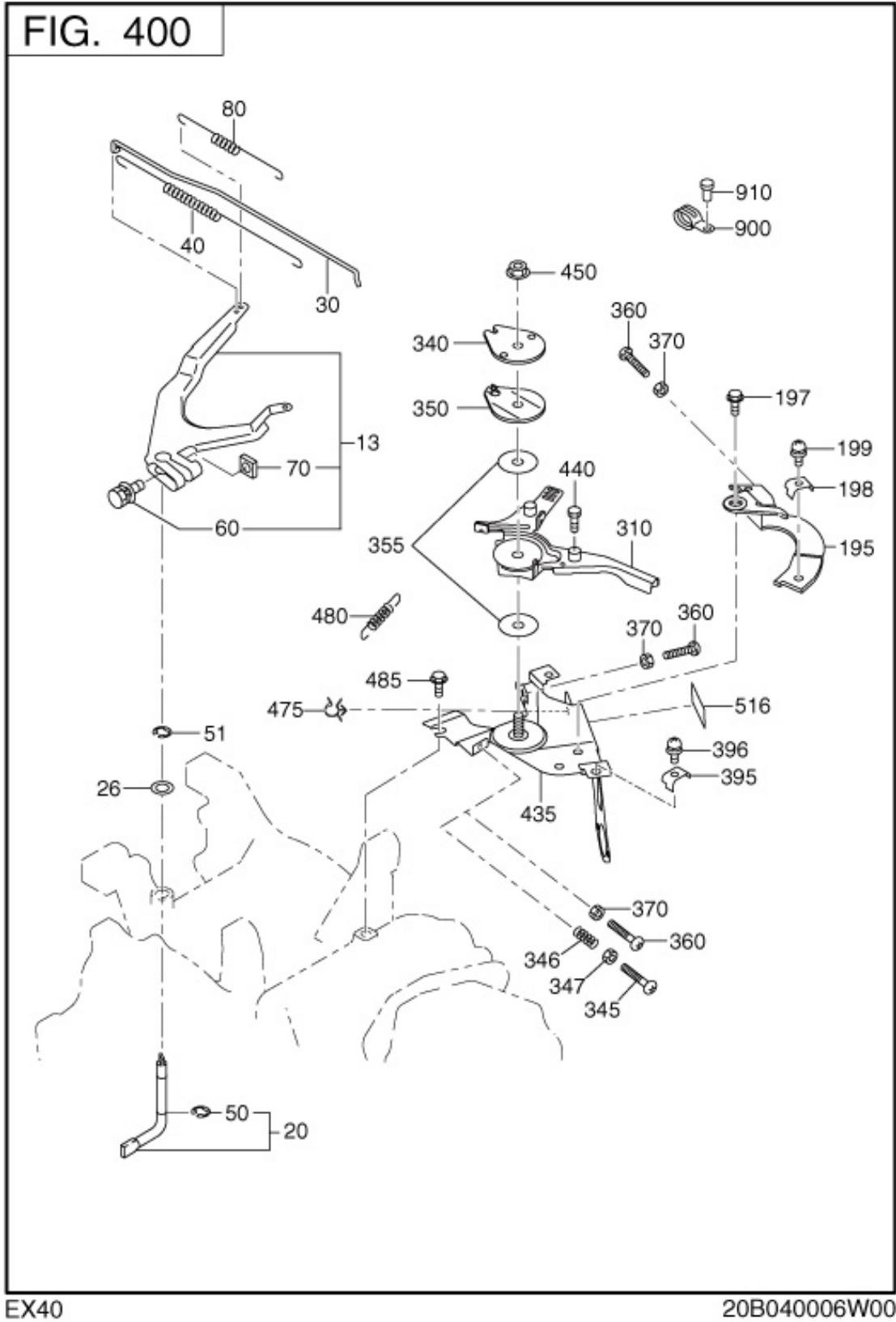
EX40

20B031701W00

317 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
510	20B-32652-J0	AIR CLEANER AY	1	
-200	20B-32636-H8	BODY CP	1	
-220	20B-32720-H8	PACKING	1	
-230	20B-32643-H8	PRE CYCLONE	1	
-250	20B-32647-H8	COVER CP	1	
-254	20B-32680-H8	CLIP 1	2	
-310	20B-32645-H8	DUST CUP CP	1	
-315	20B-32646-H8	SCREW	2	
-330	20B-43801-01	CHOKE LEVER CP	1	
-520	20B-32610-J7	ELEMENT AY	1	

400 Governor



400 Governor

Ref	Part Number.	Description	Qty	Remark
13	20B-42301-20	GOVERNOR LEVER AY	1	9042~
13	20B-42301-10	GOVERNOR LEVER AY	1	~9041
20	20B-42201-01	GOVERNOR SHAFT CP	1	
26	003-11080-00	WASHER	1	
30	20B-42701-23	GOVERNOR ROD	1	9042~
30	20B-42701-13	GOVERNOR ROD	1	~9041
40	20B-42801-13	ROD SPRING	1	
50	003-13060-00	CLIP	1	
51	003-13060-00	CLIP	1	
60	001-14062-50	BOLT AND WASHER AY	1	
70	018-60600-20	NUT	1	
80	20B-42501-13	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	
355	021-70600-30	FRICTION WASHER	2	
360	004-31061-80	SCREW	1	
370	002-27060-00	NUT	1	
395	277-43902-03	CLAMP	1	
396	013-10500-30	SCREW AND WASHER AY	1	
435	20B-46001-21	SPEED CONTROL BKT CP	1	
440	004-31040-80	SCREW	1	
450	002-35060-00	SELF LOCK NUT	1	
480	277-45103-03	RETURN SPRING	1	
485	011-00600-20	FLANGE BOLT	1	
516	277-96107-03	LABEL(HI-LOW)	1	

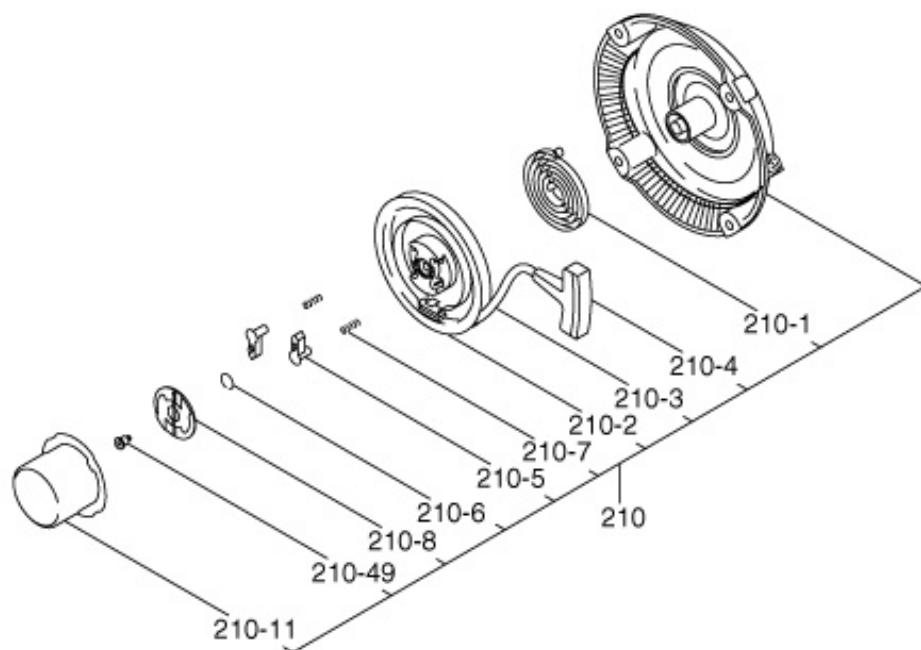
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500 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
10	20B-51302-01	BLOWER HOUSING CP	1	
20	073-20058-20	LABEL(TRADE MARK)	1	
25	073-20058-60	LABEL(WARNING)	1	
40	011-00600-20	FLANGE BOLT	4	
60	279-52711-11	BAFFLE 1(CASE) CP	1	
61	20B-52704-13	BAFFLE 2(HEAD)	1	
80	001-65081-20	BOLT	1	
81	011-00600-10	FLANGE BOLT	2	
110	20B-54101-H3	COOLING BLOWER	1	
220	013-00602-81	BOLT AND WASHER AY	4	

520 Cooling & Starting

FIG. 520



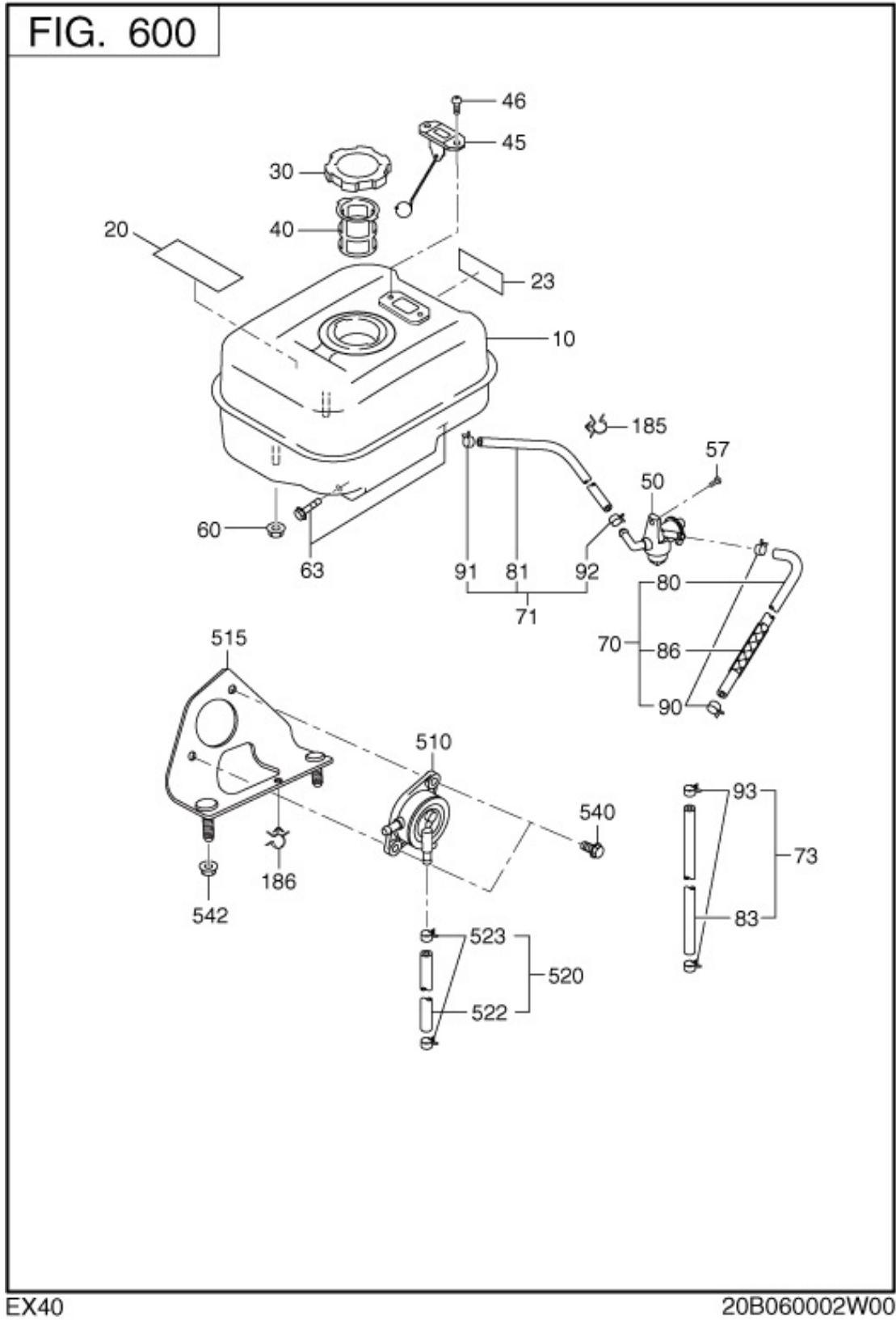
EX40

20B052001W00

520 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
210	20B-50301-20	RECOIL STARTER AY	1	
-1	277-50155-08	SPIRAL SPRING	1	
-2	20B-50120-08	REEL	1	
-3	20B-50110-08	STARTER ROPE	1	
-4	261-50100-18	STARTER KNOB	1	
-5	161-50125-08	RATCHET	2	
-6	227-50131-08	FRICTION SPRING	1	
-7	227-50135-08	RETURN SPRING	2	
-8	161-50150-08	RATCHET GUIDE	1	
-11	20B-50145-08	STARTER PULLEY	1	
-49	20B-50101-08	SET SCREW	1	

600 Fuel & Lubricant

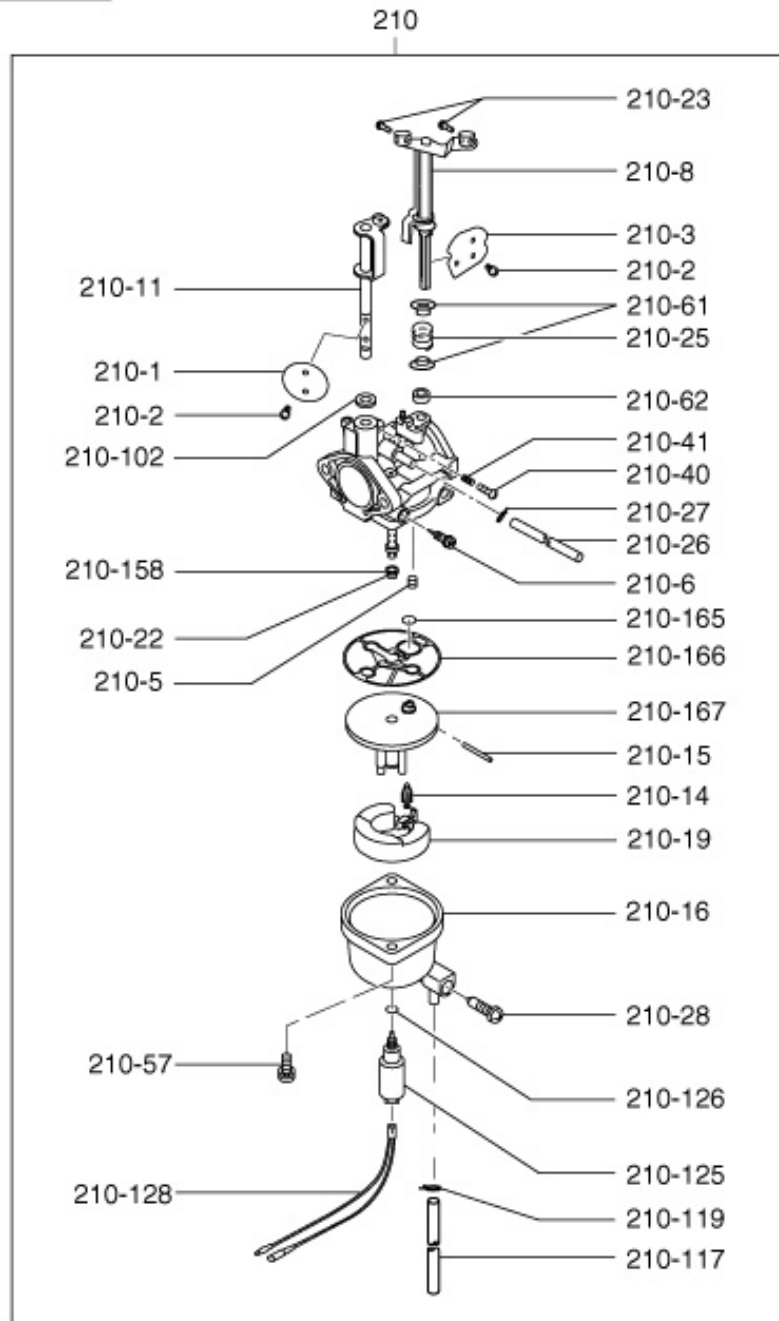


600 Fuel & Lubricant

Ref	Part Number.	Description	Qty	Remark
10	20B-60102-01	FUEL TANK CP	1	
20	073-20057-60	LABEL(WARNING)	1	
23	20B-95103-03	LABEL(MODEL)	1	
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	
60	002-38080-00	FLANGE NUT	2	
63	011-00802-50	FLANGE BOLT	2	
70	20B-62601-21	FUEL PIPE CP	1	
71	267-62604-11	FUEL PIPE CP	1	
80	085-10622-01	RUBBER PIPE	1	
81	X85-10614-91	RUBBER PIPE	1	
90	056-11000-30	HOSE CLAMP	2	
91	056-11200-40	HOSE CLAMP	1	
92	X56-11100-60	HOSE CLAMP	1	
185	056-81200-20	CLAMP	1	

640 Fuel & Lubricant

FIG. 640



EX40

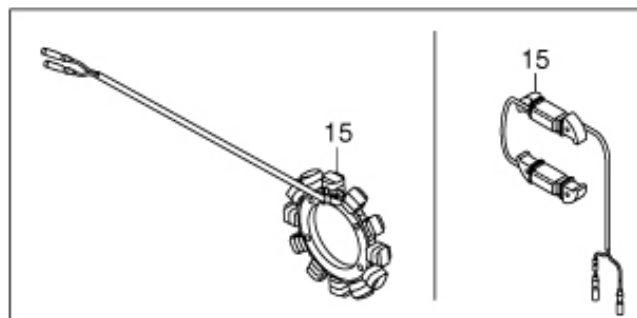
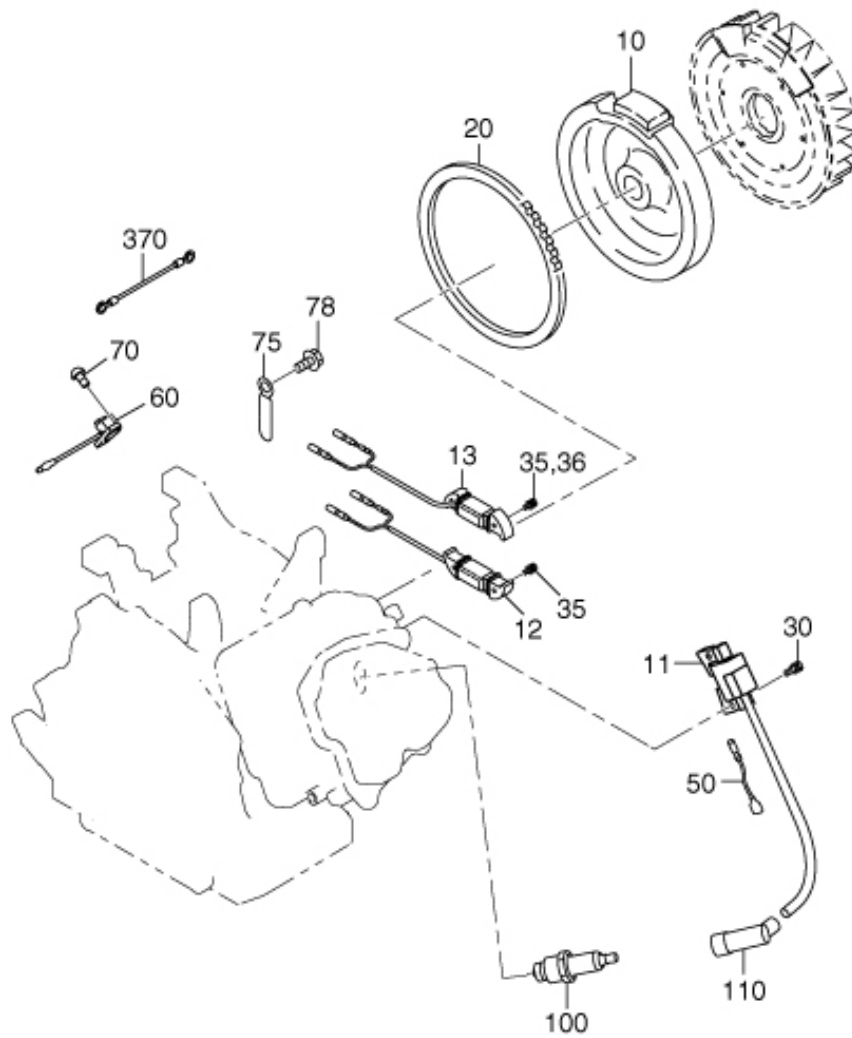
20B064002W00

640 Fuel & Lubricant

Ref	Part Number.	Description	Qty	Remark
210	20B-62331-10	CARBURETOR AY	1	9042~
210	20B-62331-00	CARBURETOR AY	1	~9041
-1	20B-62535-08	VALVE,THROTTLE	1	
-2	261-62352-08	SCREW,VALVE SET	2	
-3	20B-62526-08	VALVE,CHOKE	1	
-5	20B-62420-08	JET,SLOW	1	
-8	20B-62533-08	SHAFT,CHOKE	1	
-11	20B-62531-08	SHAFT AY,THROTTLE	1	9042~
-11	20B-62530-08	SHAFT AY,THROTTLE	1	~9041
-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	
-28	20B-62354-08	SCREW,DRAIN	1	
-40	20B-62353-08	SCREW,THRO.AJUST	1	
-41	20B-62445-08	SPRING,THRO.AJUST	1	
-57	20B-62453-08	SCREW	2	
-62	20B-62563-08	COLLAR,CHOKE	1	
-102	263-62574-08	SEAL,TH'SHAFT	2	
-158	20B-62542-08	O RING	1	
-165	20B-62541-08	O RING	1	
-166	20B-62540-08	SPACER	1	
-167	20B-62520-08	SPACER	1	

700 Electric Device

FIG. 700



EX40

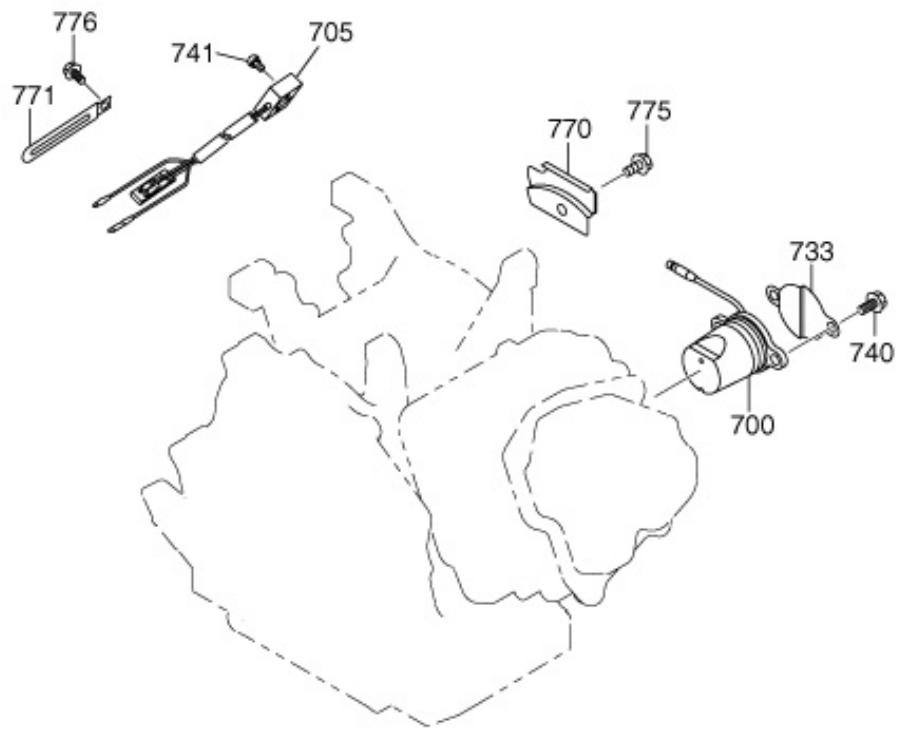
20B070003W00

700 Electric Device

Ref	Part Number.	Description	Qty	Remark
10	20B-79230-H1	FLYWHEEL CP	1	
11	20B-79430-H1	IGNITION COIL CP	1	
30	001-14063-00	BOLT AND WASHER AY	2	
50	20B-73101-01	WIRE 1 CP	1	
75	214-79006-01	CLAMP CP	1	
78	011-00600-10	FLANGE BOLT	1	
100	065-01401-50	SPARK PLUG	1	
110	065-50003-11	SPARK PLUG CAP	1	

770 Electric Device

FIG. 770



EX40

20B077001W00

770 Electric Device

Ref	Part Number.	Description	Qty	Remark
700	279-76301-51	OIL SENSOR CP	1	
705	KU3-11077-01	FLOAT C/U CP11	1	
740	001-04061-40	FLANGE BOLT	2	
741	015-00400-90	TAPPING SCREW	2	
770	20B-75501-03	WIRE CLAMP	1	
775	015-20600-50	TAPPING BOLT	1	

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013-00602-81	17	20B-33401-H3	9	227-45002-03	15
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015-20600-50	27	20B-35001-01	9	246-35501-03	9
017-00500-30	9	20B-35101-21	9	261-50100-18	19
018-01800-10	7	20B-35201-13	9	261-62352-08	23
018-60600-20	15	20B-35601-H1	9	263-23301-33	7
021-11400-20	5	20B-35901-H3	10	263-35341-03	5
021-32000-50	5	20B-35902-H3	10	263-62515-08	23
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044-03500-91	5	20B-42301-10	15	277-36911-03	9
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056-81200-20	21	20B-42801-13	15	277-43902-03	15
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065-50003-11	25	20B-43801-01	13	277-50155-08	19
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085-10622-01	21	20B-50110-08	19	279-76301-51	27
132-11AA1-10	5	20B-50120-08	19	KU3-11077-01	27
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