

PARTS MANUAL

MODEL
EX40
Engine

EX400D40050

08/16



SUBARU

Industrial Power Products

Subaru Industrial Power Products

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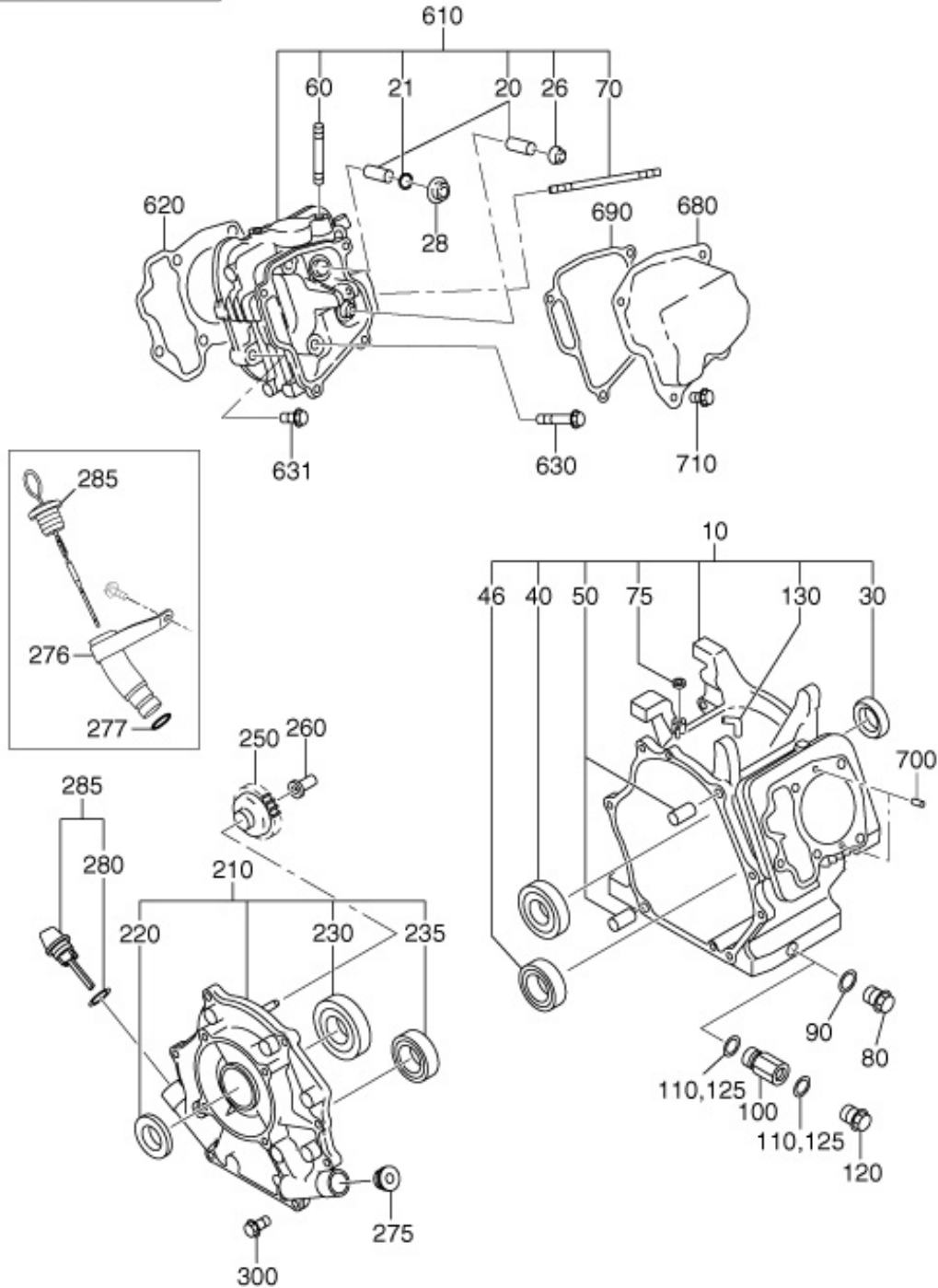
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100 Crankcase

FIG. 100



960- GASKET SET

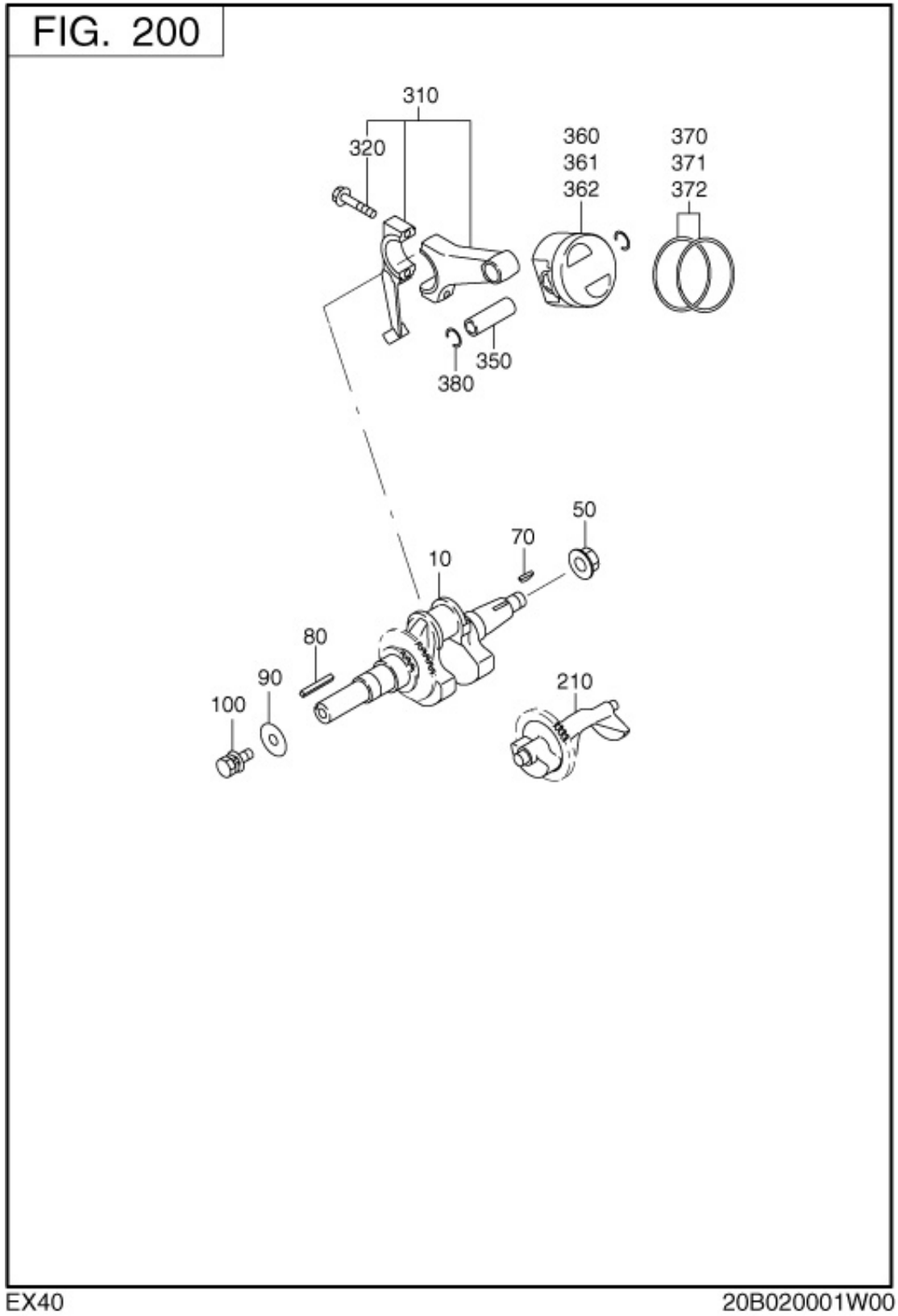
EX40

20B010004W00

100 Crankcase

Ref	Part Number.	Description	Qty	Remark
10	20B-10102-31	CRANKCASE CP	1	
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	
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 ASSY	2	
300	011-00803-40	FLANGE BOLT (M8X38)	8	
610	20B-13002-00	CYLINDER HEAD AY	1	
620	20B-15001-33	HEAD GASKET	1	
630	011-01000-40	FLANGE BOLT (M10X75)	4	
631	001-04083-50	FLANGE BOLT (M8X35)	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 (M6X12)	4	
960	20B-99001-27	GASKET SET	1	

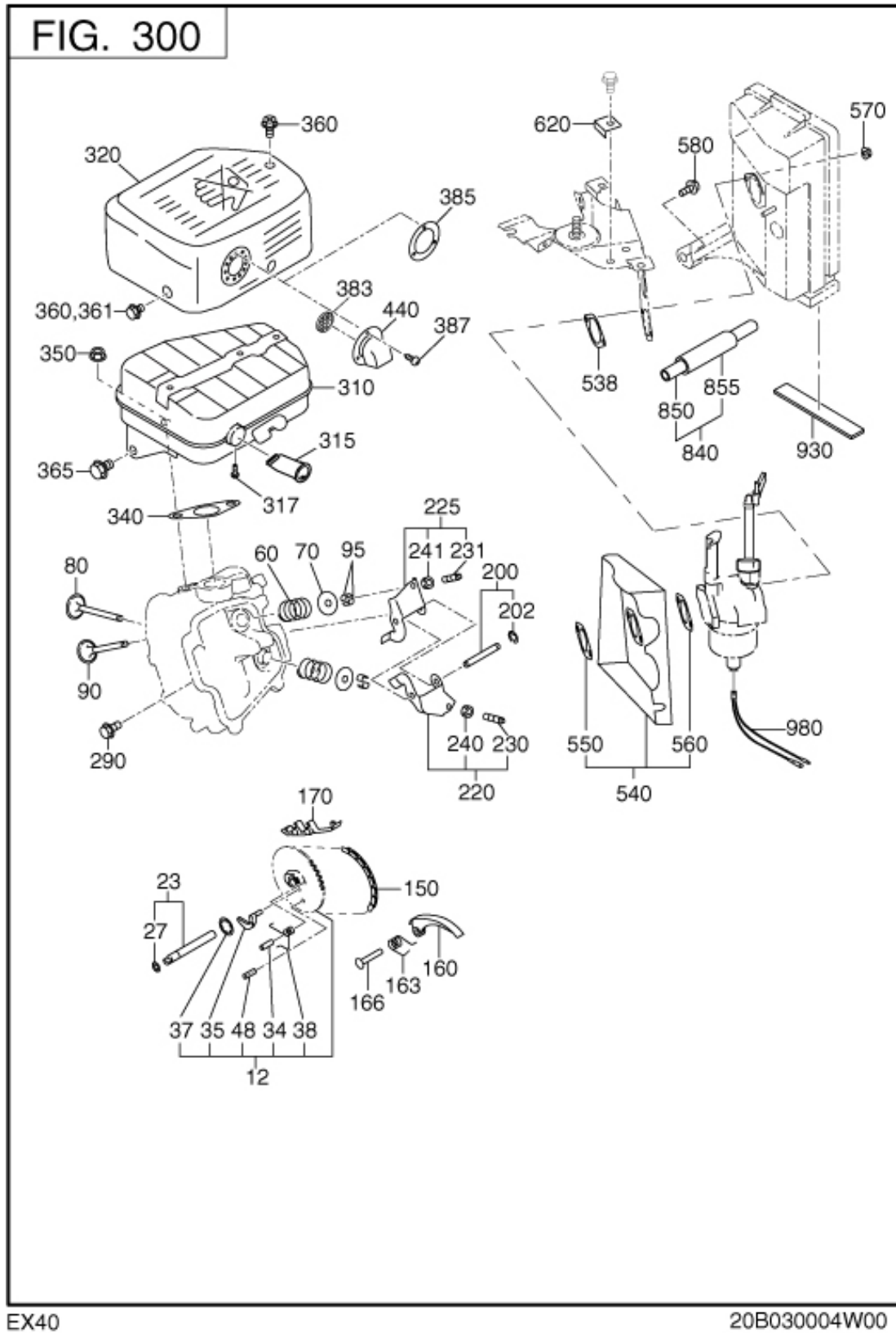
200 Crankshaft



200 Crankshaft

Ref	Part Number.	Description	Qty	Remark
10	20B-20901-21	CRANKSHAFT CP	1	
50	018-01800-10	FLANGE NUT (M18)	1	
70	005-32054-01	WOODRUFF KEY	1	
80	207-26001-03	KEY	1	
210	22B-24101-03	BALANCER SHAFT	1	
310	20B-22503-00	CONNECTING ROD ASSY	1	
320	001-05084-00	FLANGE BOLT (M8X40)	2	
350	263-23301-33	PISTON PIN	1	
360	20B-23401-J3	PISTON	1	
370	20B-23501-07	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 ASSY	1	
23	20B-35101-21	CAMSHAFT PIN CP	1	
27	024-00700-21	O-RING	1	
34	005-19041-00	SPRING PIN	1	
35	277-36401-13	RELEASE LEVER	1	
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	
90	20B-33502-H3	EXHAUST VALVE	1	
95	246-35501-03	VALVE COLLET	4	
150	20B-35601-H1	TIMING CHAIN CP (112 LINK)	1	
160	277-36911-03	TENTIONER	1	
163	277-37101-03	TENTIONER SPRING	1	
166	277-36902-03	TENTIONER PIN	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	INTAKE ROCKER ARM ASSY	1	
225	20B-36102-10	EXHAUST ROCKER ARM ASSY	1	
230	014-90500-20	ADJUST SCREW (M5X23)	1	
231	014-90500-20	ADJUST SCREW (M5X23)	1	
240	017-00500-30	NUT (M5)	1	
241	017-00500-30	NUT (M5)	1	
290	011-00600-10	FLANGE BOLT (M6X8)	1	
310	20B-30111-J2	MUFFLER UN	1	
315	267-37602-01	SPARK ARRESTER CP	1	
317	015-00400-60	TAPPING SCREW (M4X6)	1	
320	20B-34201-11	MUFFLER COVER CP	1	
340	20B-35201-13	GASKET(MUFFLER)	1	
350	002-38080-00	FLANGE NUT (M8)	2	
360	011-00600-10	FLANGE BOLT (M6X8)	5	
365	011-00803-20	FLANGE BOLT (M8X12)	1	
440	20B-37001-11	DEFLECTOR CP	1	
387	015-00400-60	TAPPING SCREW (M4X6)	3	
538	20B-35903-13	GASKET 3	1	
540	20B-32901-K1	INSULATOR CP	1	

300 Intake & Exhaust

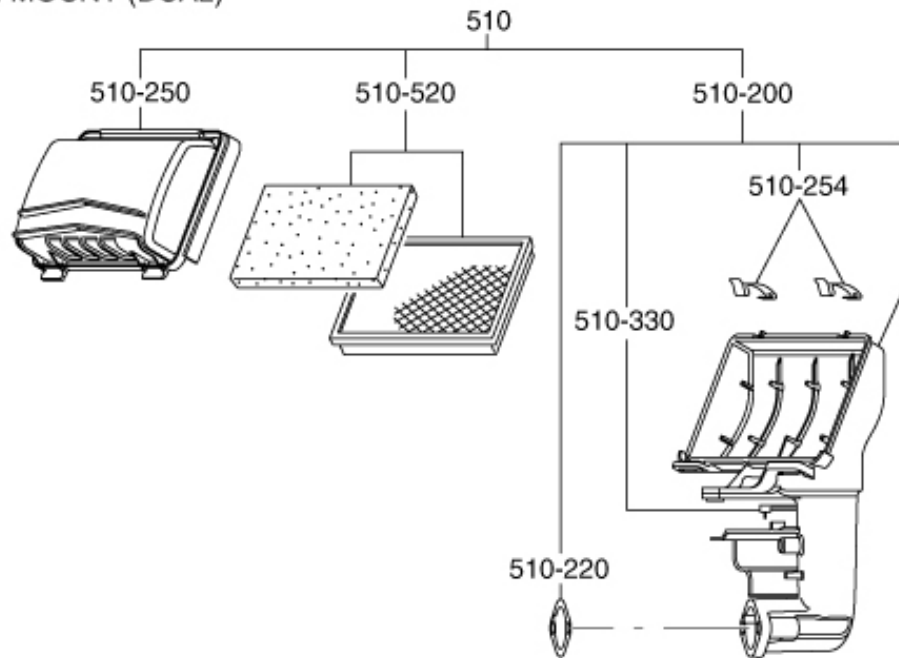
Ref	Part Number.	Description	Qty	Remark
550	20B-35902-H3	GASKET 2	1	
560	20B-35901-H3	GASKET 1	1	
570	002-38060-00	FLANGE NUT (M6)	2	
580	001-04061-60	FLANGE BOLT (M6X16)	1	
620	20B-57101-03	COVER STAY(A/C)	1	
850	X85-11001-70	RUBBER PIPE (10X15X170)	1	

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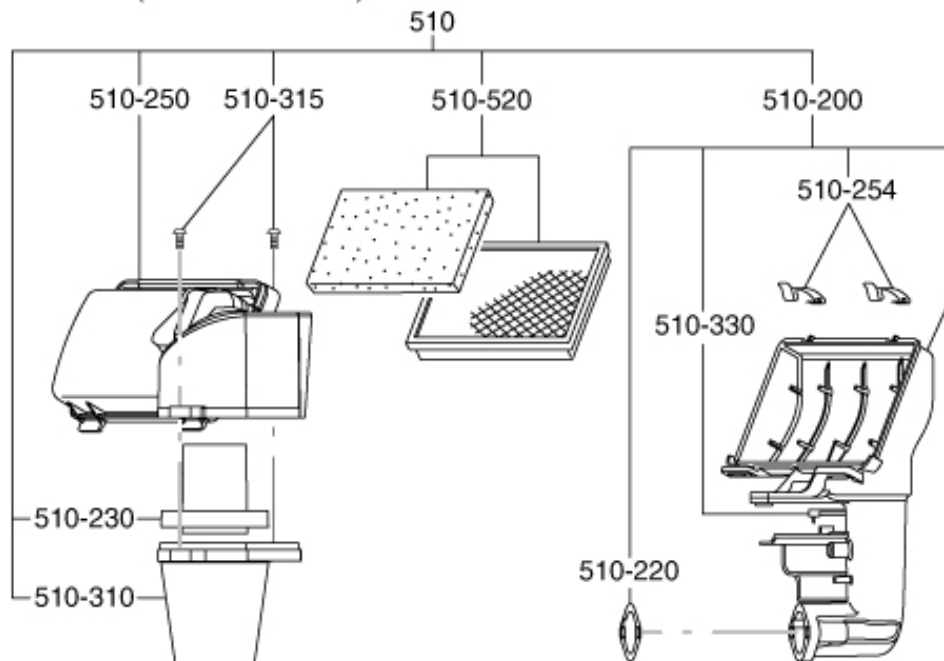
315 Intake & Exhaust

FIG. 317

HI MOUNT (DUAL)



HI MOUNT (PRE CYCLONE)



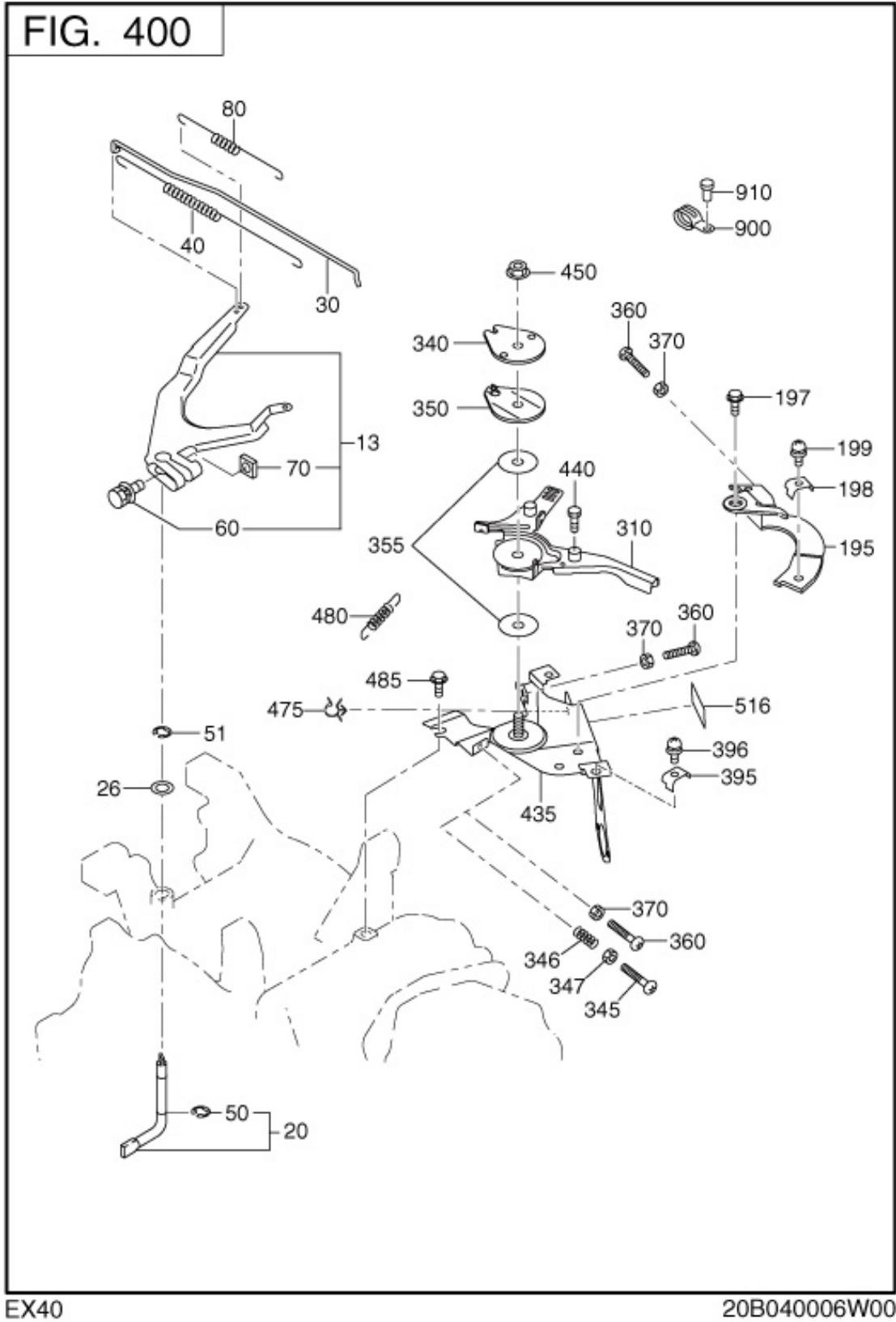
EX40

20B031701W00

315 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
510	20B-32651-H0	AIR CLEANER AY	1	
-220	20B-32720-H8	INTAKE GASKET	1	
-250	20B-32641-H8	COVER	1	
-254	20B-32680-H8	CLIP 1	2	
-520	20B-32610-H7	ELEMENT AY	1	

400 Governor



400 Governor

Ref	Part Number.	Description	Qty	Remark
13	20B-42301-10	GOVERNOR LEVER AY	1	
20	20B-42201-01	GOVERNOR SHAFT CP	1	
26	003-11080-00	WASHER (M8.5X18)	1	
30	20B-42701-13	GOVERNOR ROD	1	
40	20B-42801-13	ROD SPRING	1	
50	003-13060-00	CLIP	1	
51	003-13060-00	CLIP	1	
60	001-14062-50	BOLT & WASHER ASSY (M6X25)	1	
70	018-60600-20	SQUARE NUT (M6)	1	
80	20B-42501-13	GOVERNOR SPRING	1	
310	20B-43301-03	SPEED CONTROL LEVER	1	
340	227-43501-13	STOP PLATE	1	
350	227-45002-03	SPRING WASHER	1	
355	021-70600-30	FRICTION WASHER	2	
360	004-31062-00	SCREW (M6X20)	1	
370	002-27060-00	NUT	1	
395	277-43902-03	CLAMP	1	
396	013-10500-30	SCREW & WASHER ASSY (M5X20)	1	
435	20B-46001-21	SPEED CONTROL BKT CP	1	
450	002-35060-00	LOCKNUT (M6)	1	
480	277-45103-03	RETURN SPRING	1	
485	011-00600-20	FLANGE BOLT (M6X12)	1	
516	277-96107-03	LABEL(HI-LOW)	1	

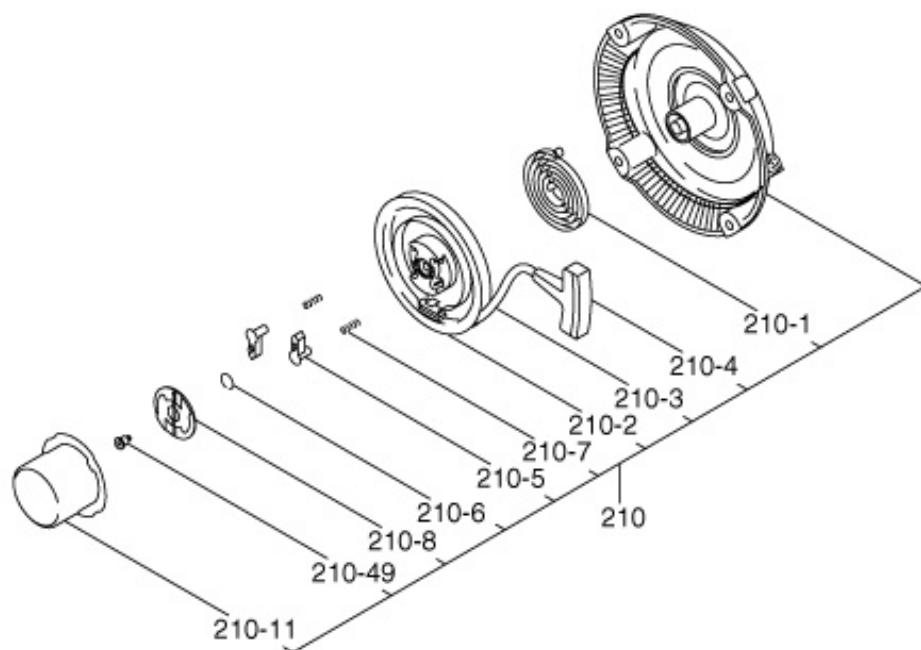
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500 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
10	20B-51302-11	BLOWER HOUSING CP	1	
20	20B-91703-03	LABEL(TRADE MARK)	1	
40	011-00600-20	FLANGE BOLT (M6X12)	4	
60	279-52711-11	CASE BAFFLE 1 CP	1	
61	20B-52704-13	HEAD BAFFLE 2 CP	1	BLACK
80	001-65081-20	BOLT (M8X12)	1	
81	011-00600-10	FLANGE BOLT (M6X8)	2	
110	20B-54101-H3	COOLING BLOWER	1	
220	013-00602-81	BOLT & WASHER ASSY (M6X14)	4	

520 Cooling & Starting

FIG. 520



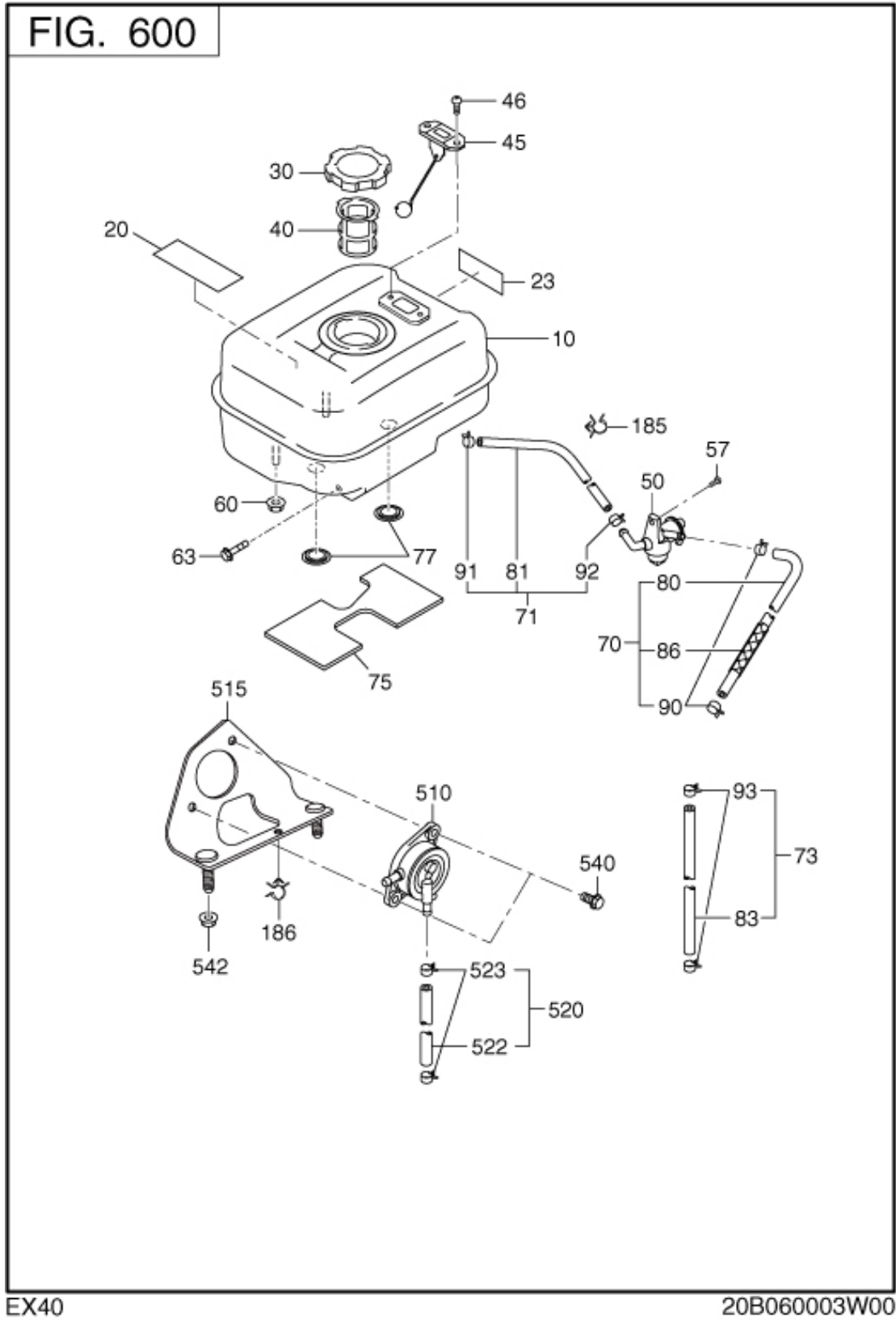
EX40

20B052001W00

520 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
210	20B-50301-H0	RECOIL STARTER ASSY	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	

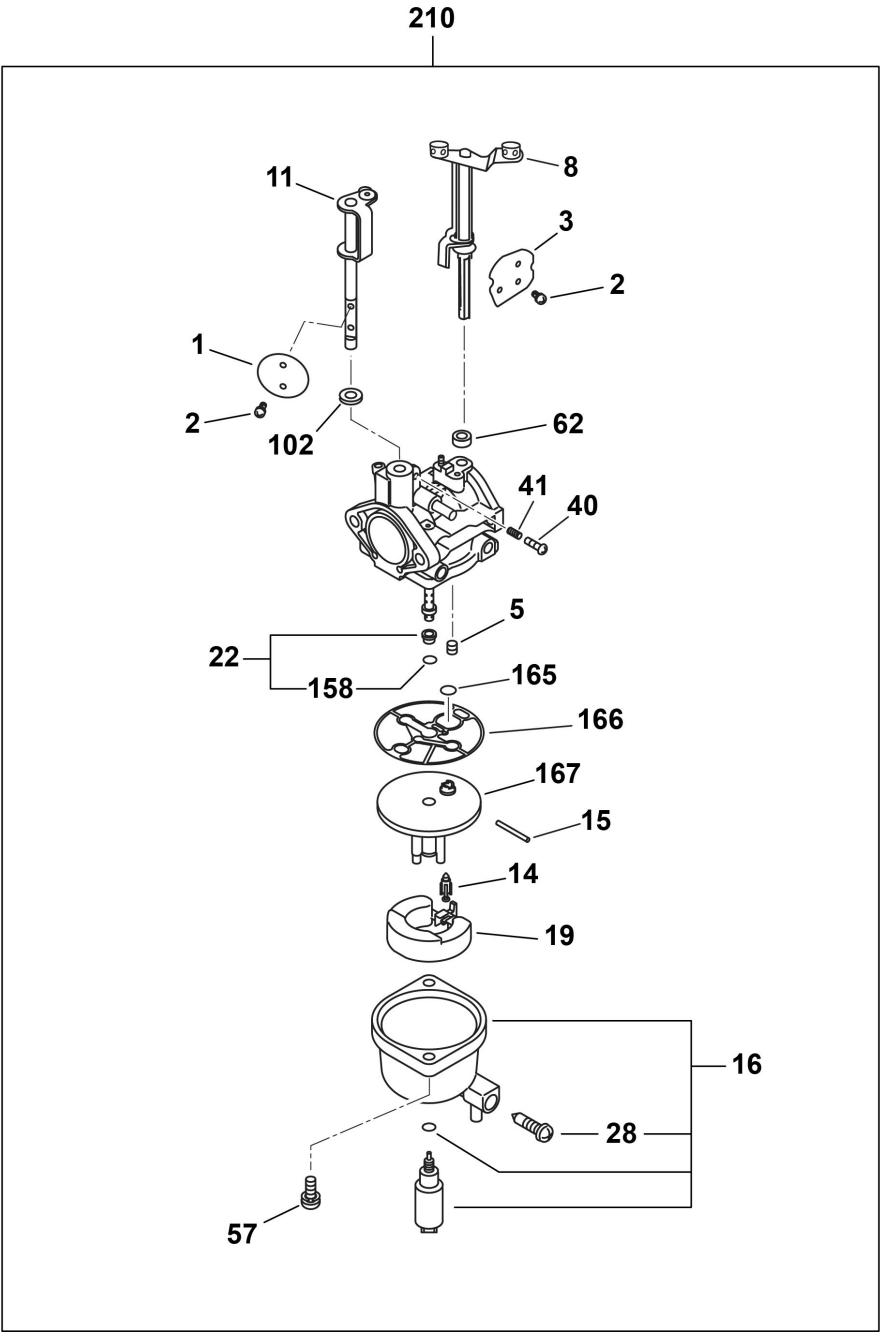
600 Fuel & Lubricant



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	043-04300-60	FUEL TANK CAP CP	1	
40	X64-13600-10	FUEL FILTER	1	
50	X64-20122-01	FUEL STRAINER ASSY	1	
57	011-00600-10	FLANGE BOLT (M6X8)	1	
60	002-38080-00	FLANGE NUT (M8)	2	
63	011-00802-50	FLANGE BOLT (M8X25)	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 (6.35X12.7X250)	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 Carburetor



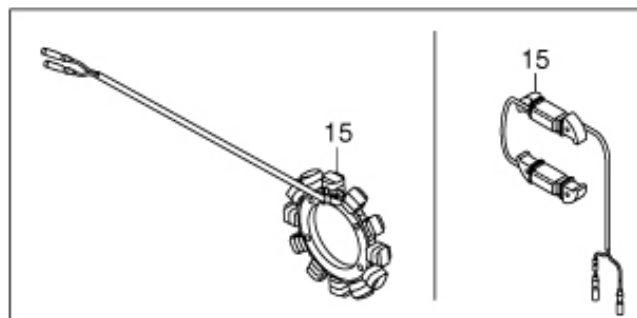
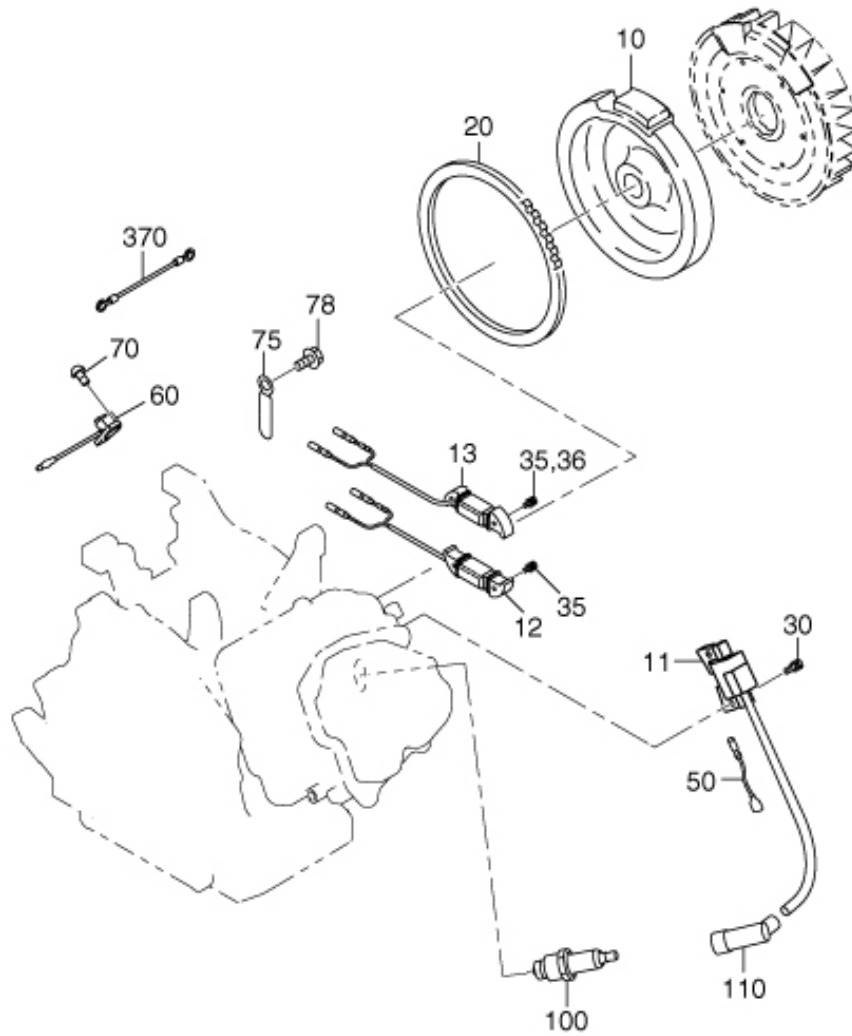
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640 Carburetor

Ref	Part Number.	Description	Qty	Remark
210	20B-62320-20	CARBURETOR ASSY	1	
1	20B-62535-08	THROTTLE VALVE	1	
2	261-62352-08	SCREW	2	
3	20B-62526-08	CHOKE VALVE	1	
5	20B-62427-08	SLOW JET (#59)	1	
8	20B-62533-08	CHOKE SHAFT	1	
11	20B-62531-08	THROTTLE SHAFT	1	
14	20B-62500-08	FLOAT VALVE ASSY	1	
15	263-62515-08	FLOAT PIN	1	
16	20B-62550-08	FLOAT CHAMBER CP	1	
19	20B-62505-08	FLOAT ASSY	1	
22	20B-62415-08	MAIN JET (#115)	1	
28	20B-62354-08	DRAIN SCREW	1	
40	20B-62353-08	THROTTLE ADJUST SCREW	1	
41	20B-62445-08	THROTTLE ADJUST SPRING	1	
57	20B-62453-08	SCREW	2	
62	258-62554-08	GASKET (FOAM)	1	
102	226-62580-08	GASKET (FELT)	1	
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

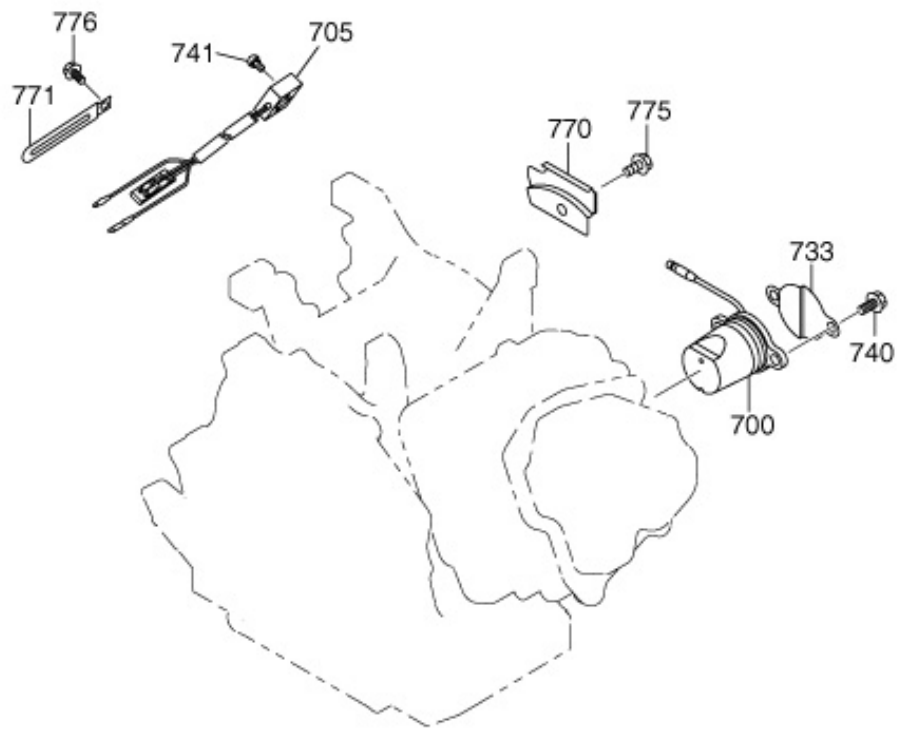
20B070003W00

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 & WASHER ASSY (M6X30)	2	
50	20B-73101-01	WIRE 1 CP	1	
75	214-79006-01	CLAMP CP	1	
78	011-00600-10	FLANGE BOLT (M6X8)	1	
100	065-01401-50	SPARK PLUG (NGK BR6HS)	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 (M6X14)	2	
741	015-00400-90	TAPPING SCREW (M4X12)	2	
771	20B-75501-13	WIRE CLAMP	1	
776	015-20600-50	TAPPING BOLT (M6X10)	1	

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021-70600-30	15	20B-51302-11	17	X60-03502-40	5
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