

PARTS MANUAL

MODEL
EX40
Engine

EX400DE5012

10/15



SUBARU

Industrial Power Products

Subaru Industrial Power Products

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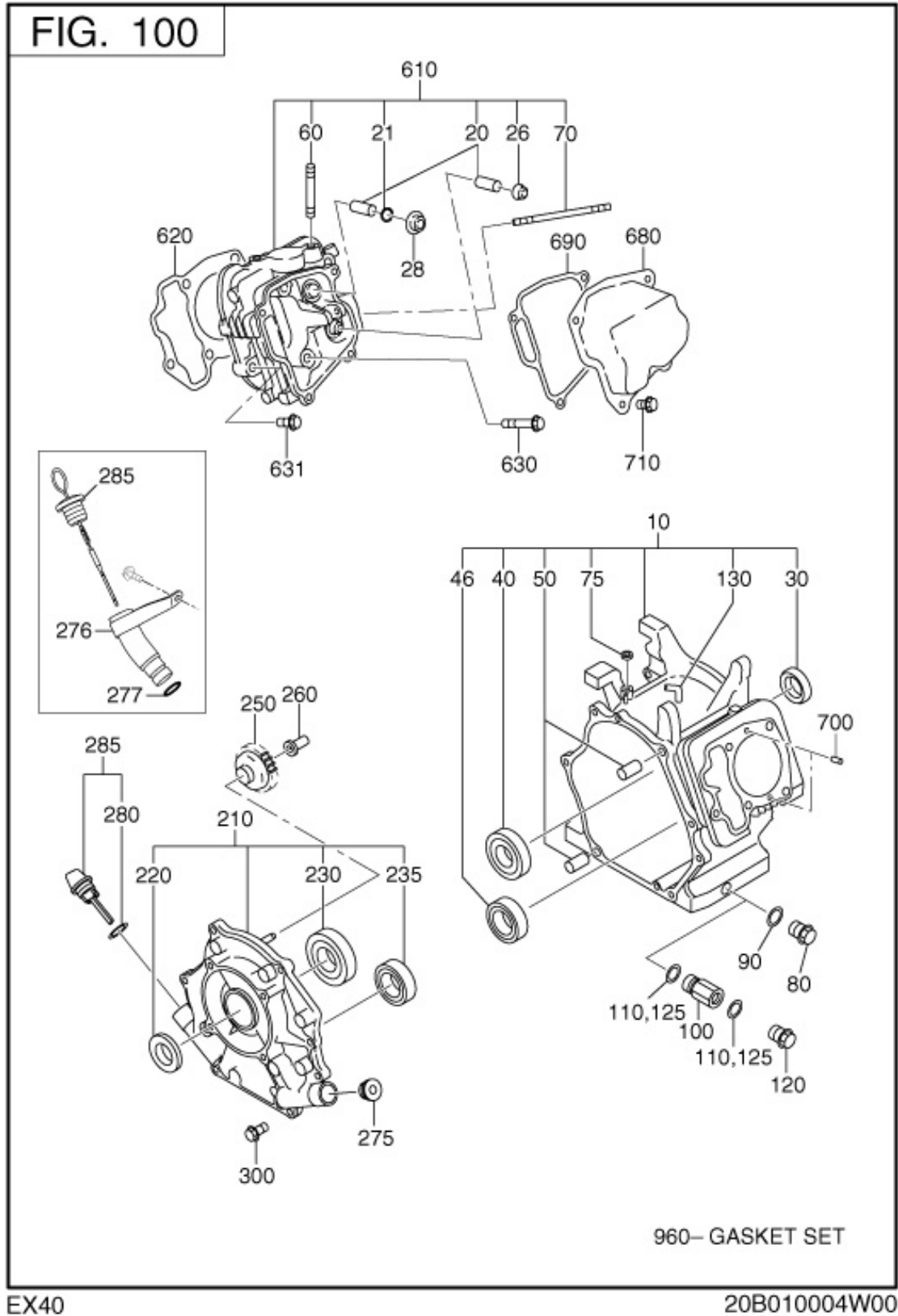
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Group Index

Group Name	Page
100 Crankcase.....	4
200 Crankshaft.....	6
300 Intake & Exhaust.....	8
315 Intake & Exhaust.....	12
400 Governor.....	14
500 Cooling & Starting.....	16
520 Cooling & Starting.....	18
600 Fuel & Lubricant.....	20
640 Fuel & Lubrication.....	22
700 Electric Device.....	24
770 Electric Device.....	26
900 Accessory.....	28
Part Number Index.....	30
Part Description Index.....	31

100 Crankcase

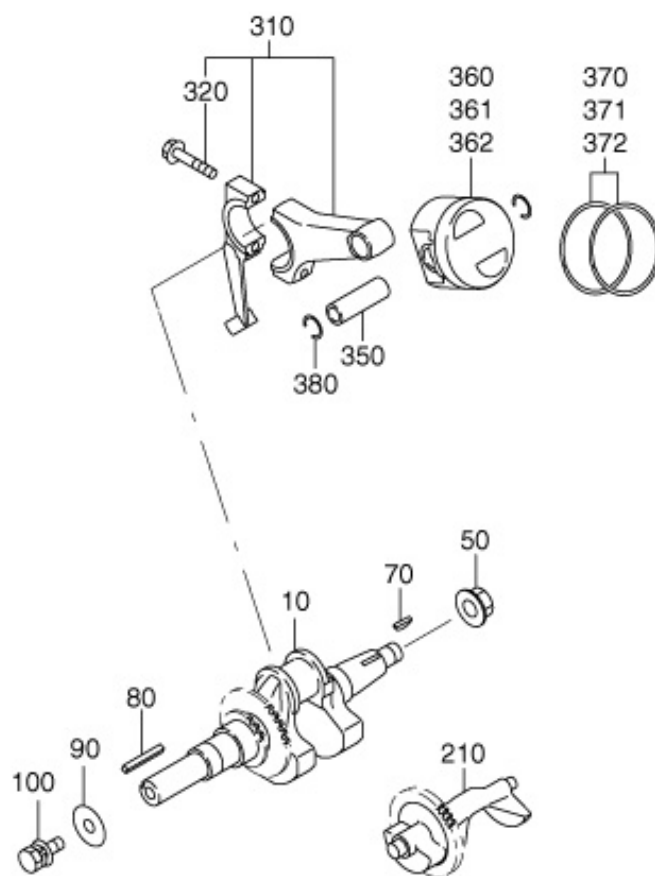


100 Crankcase

Ref	Part Number.	Description	Qty	Remark
10	20B-10102-41	CRANK CASE 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	044-03500-90	OIL SEAL	1	
40	060-03502-40	BALL BEARING	1	
46	X60-01500-11	BALL BEARING	1	
50	277-15011-03	PIPE KNOCK	2	
60	010-50802-90	STUD	2	
70	010-50603-51	STUD	2	
75	044-00800-10	OIL SEAL	1	
80	040-11400-30	PLUG	2	
90	021-11400-20	GASKET	2	
210	20B-11002-11	MAINBEARING COVER CP	1	
220	044-03500-90	OIL SEAL	1	
230	060-03502-40	BALL BEARING	1	
235	X60-01500-11	BALL BEARING	1	
250	20B-45003-01	GOVERNOR GEAR CP	1	
260	277-41901-03	GOVERNOR SLEEVE	1	
280	021-32000-50	GASKET	2	
285	279-63601-30	OIL GAUGE AY	2	
300	011-00803-40	FLANGE BOLT	8	
610	20B-13001-00	CYLINDER HEAD AY	1	
620	20B-15001-33	GASKET(HEAD)	1	
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



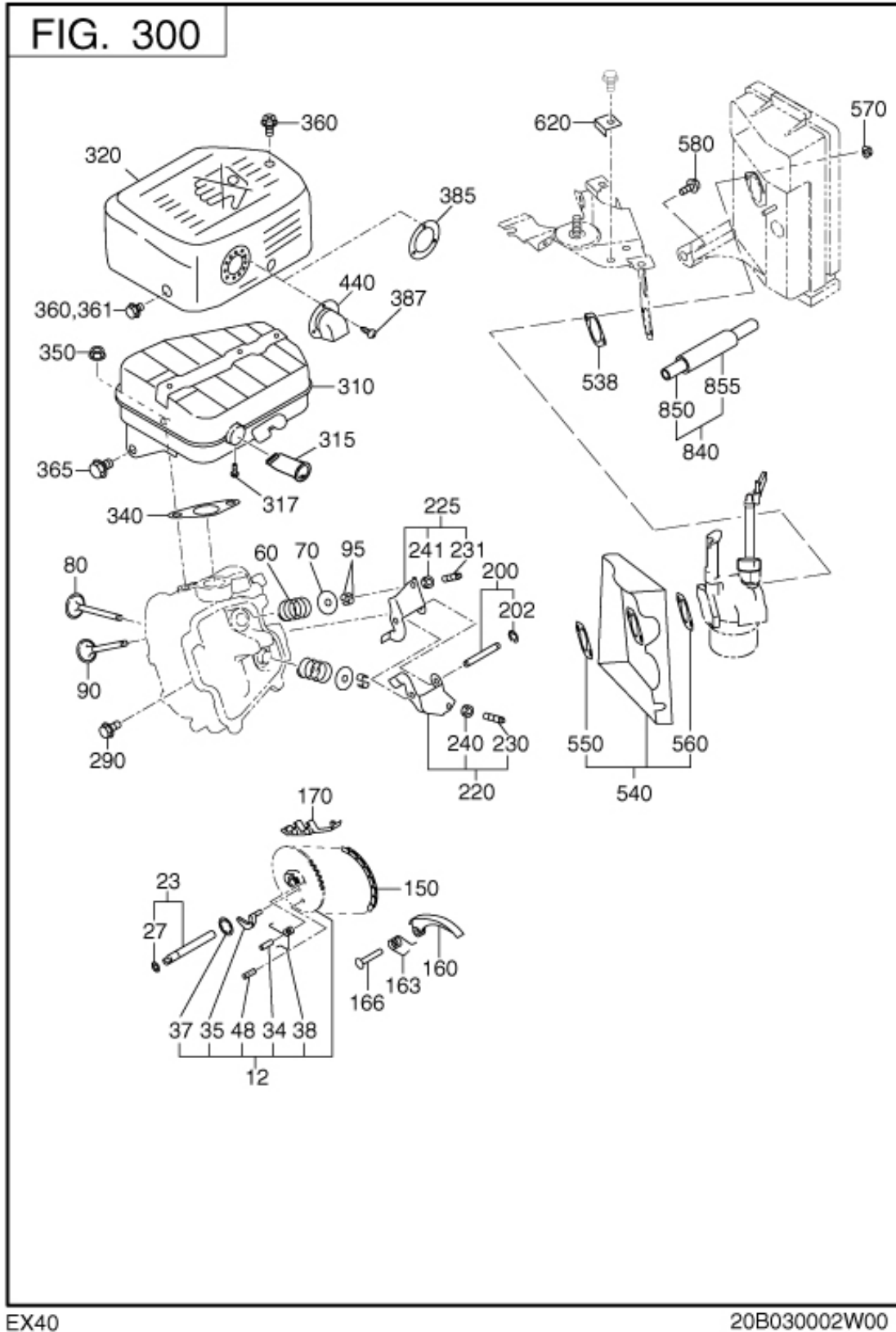
EX40

20B020001W00

200 Crankshaft

Ref	Part Number.	Description	Qty	Remark
10	20B-20901-21	CRANK SHAFT CP	1	
50	018-01800-10	FLANGE NUT	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 AY	1	
320	001-05084-00	FLANGE BOLT	2	
350	263-23301-33	PISTON PIN	1	
360	20B-23401-J3	PISTON	1	
361	20B-23403-J3	PISTON	1	
362	20B-23404-J3	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	
23	20B-35101-11	PIN(CAM SHAFT)CP	1	
27	024-00700-20	O-RING	1	
34	005-19041-00	SPRING PIN	2	
35	277-36401-13	RELEASE LEVER	1	
37	20B-36501-03	CLIP	1	
38	277-38702-03	RETURN SPRING	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	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	
538	20B-35903-13	GASKET 3	1	
540	20B-32901-J1	INSULATOR CP	1	
550	20B-35902-H3	GASKET 2	1	
560	20B-35901-H3	GASKET 1	1	
570	002-38060-00	FLANGE NUT	2	

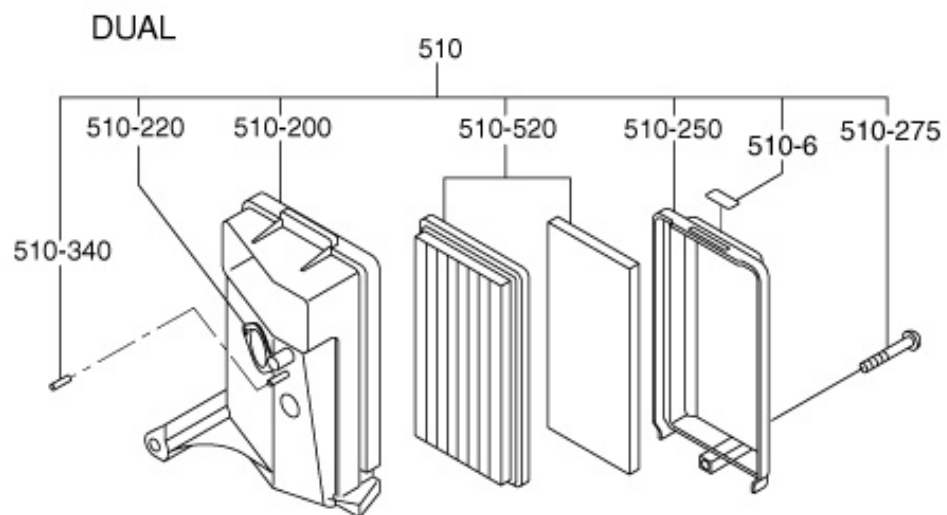
300 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
580	001-04061-60	FLANGE BOLT	1	
850	X85-11001-80	RUBBER PIPE	1	

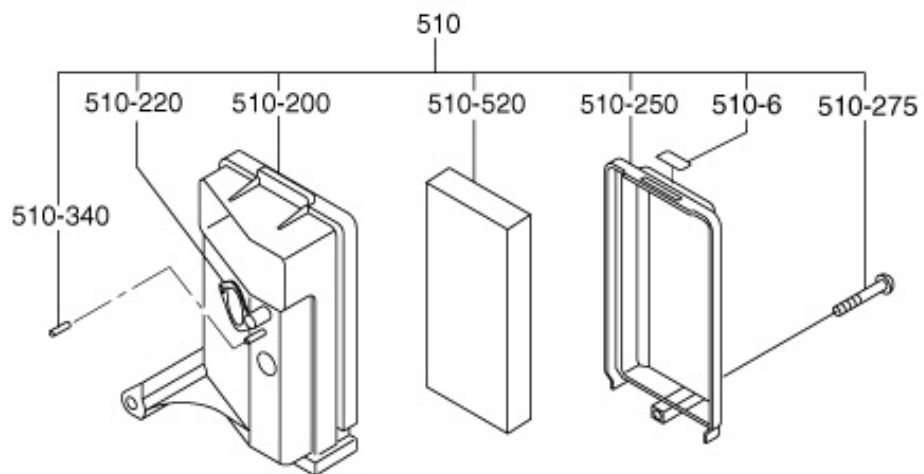
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315 Intake & Exhaust

FIG. 315



URETHANE



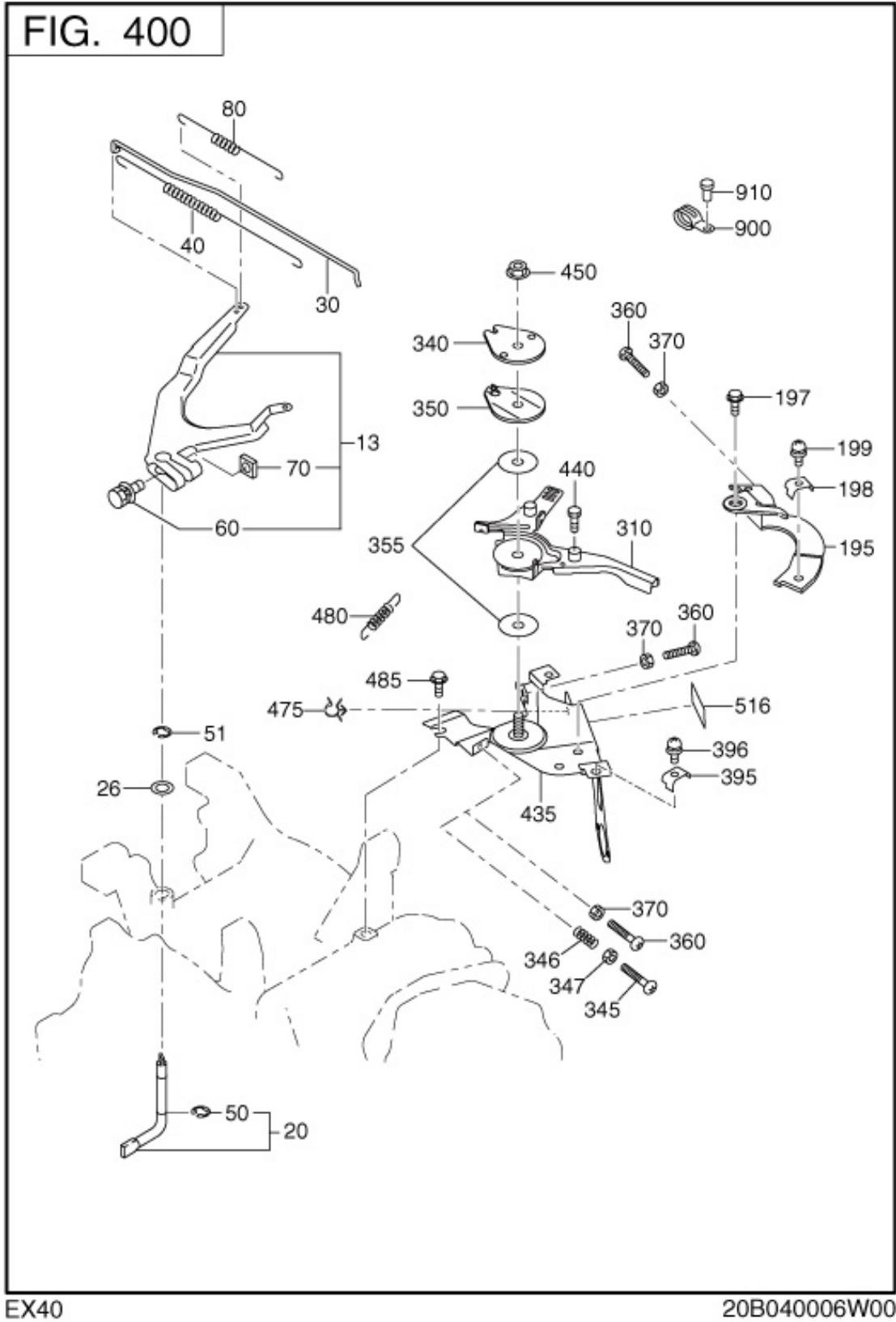
EX40

20B031501W00

315 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
510	20B-32611-J0	AIR CLEANER AY	1	
510-6	20B-32660-H8	CHOKE LABEL	1	
510-200	20B-32630-H8	BODY CP	1	
510-220	20B-32720-H8	PACKING	1	
510-250	20B-32640-H8	COVER	1	
510-275	20B-32650-H8	BOLT	1	
510-340	20B-32850-H8	CAP	1	
510-520	20B-32610-H7	ELEMENT AY	1	

400 Governor



400 Governor

Ref	Part Number.	Description	Qty	Remark
13	20B-42301-20	GOVERNOR LEVER AY	1	
20	20B-42201-01	GOVERNOR SHAFT CP	1	
26	003-11080-00	WASHER	1	
30	20B-42701-23	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 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	004-31062-00	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	

FIG. 500

82, 80, 60, 62, 110, 100, 130, 220, 454, 61, 81, 860, 25, 26, 40, 295, 290, 10, 296, 299, 27, 850, 20

EX40

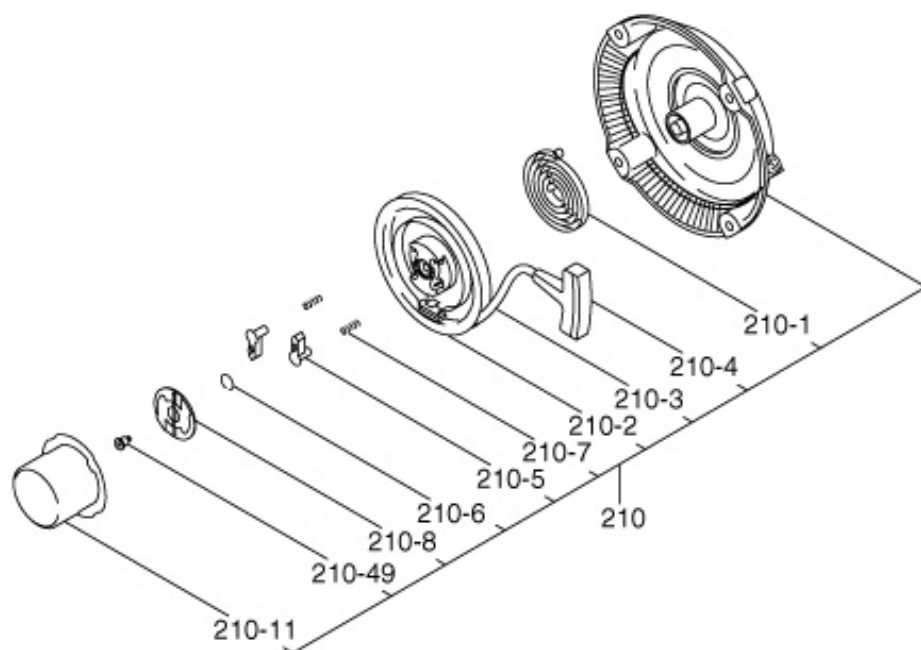
20B050006W00

500 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
10	20B-51302-11	BLOWER HOUSING CP	1	
20	073-20054-70	LABEL(TRADE MARK)	1	
40	011-00600-20	FLANGE BOLT	4	
60	279-52711-11	BAFFLE 1(CASE) CP	1	
61	20B-52704-13	BAFFLE 2(HEAD)CP	1	
80	011-00600-10	BOLT	1	
81	011-00600-20	FLANGE BOLT	3	
110	20B-54101-H3	COOLING BLOWER	1	
220	013-00602-81	BOLT AND WASHER AY	4	

520 Cooling & Starting

FIG. 520



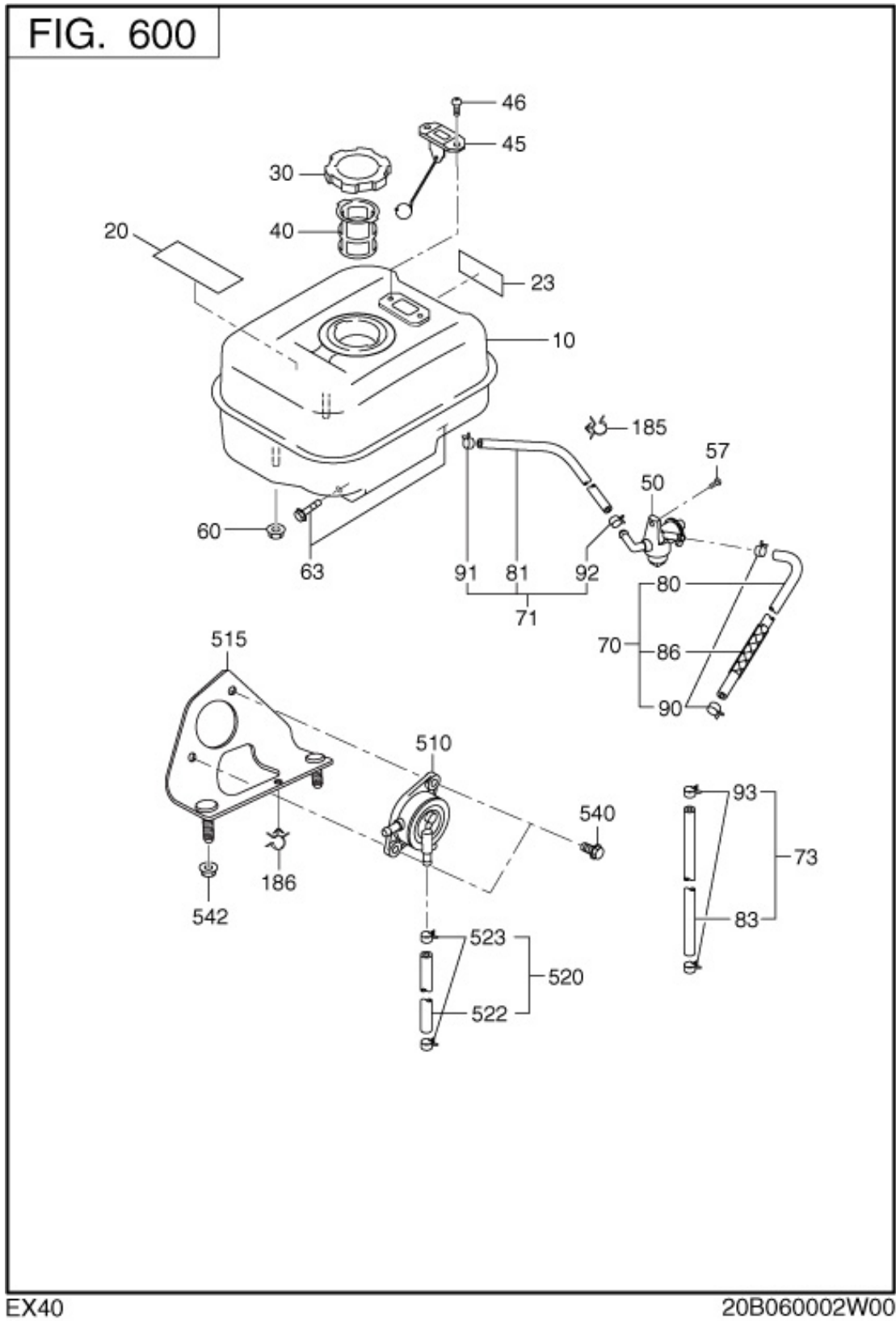
EX40

20B052001W00

520 Cooling & Starting

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

600 Fuel & Lubricant

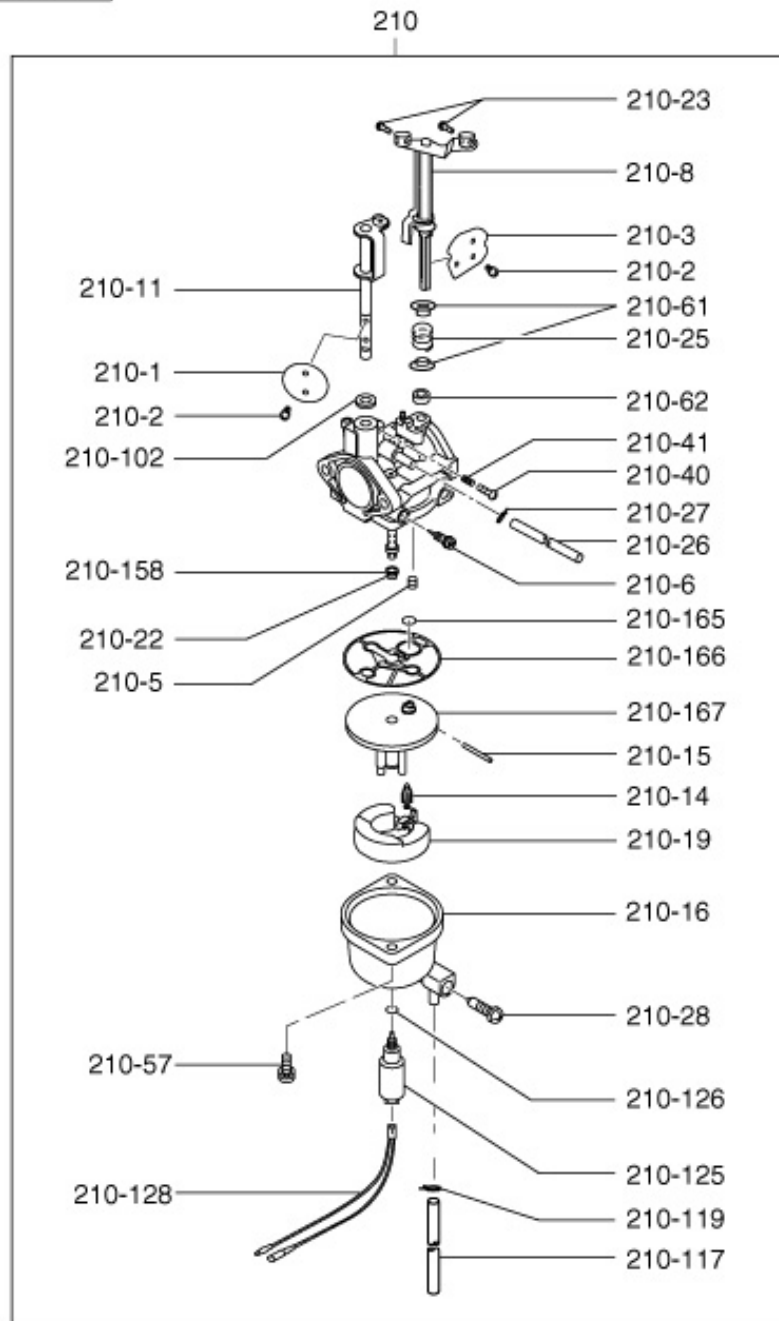


600 Fuel & Lubricant

Ref	Part Number.	Description	Qty	Remark
10	20B-60102-01	FUEL TANK CP	1	
20	073-20051-81	LABEL(WARNING)	1	
23	20B-95101-03	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-62601-01	FUEL PIPE CP	1	
71	20B-62601-21	FUEL PIPE CP	1	
80	085-10620-90	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 & Lubrication

FIG. 640



EX40

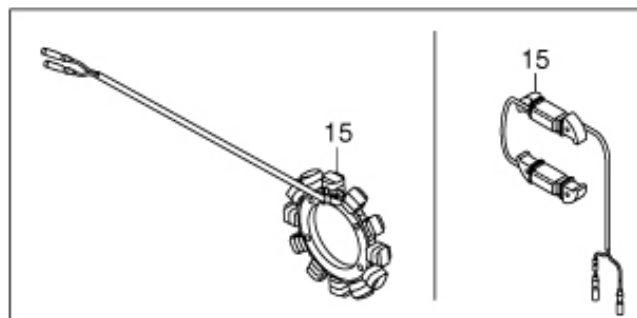
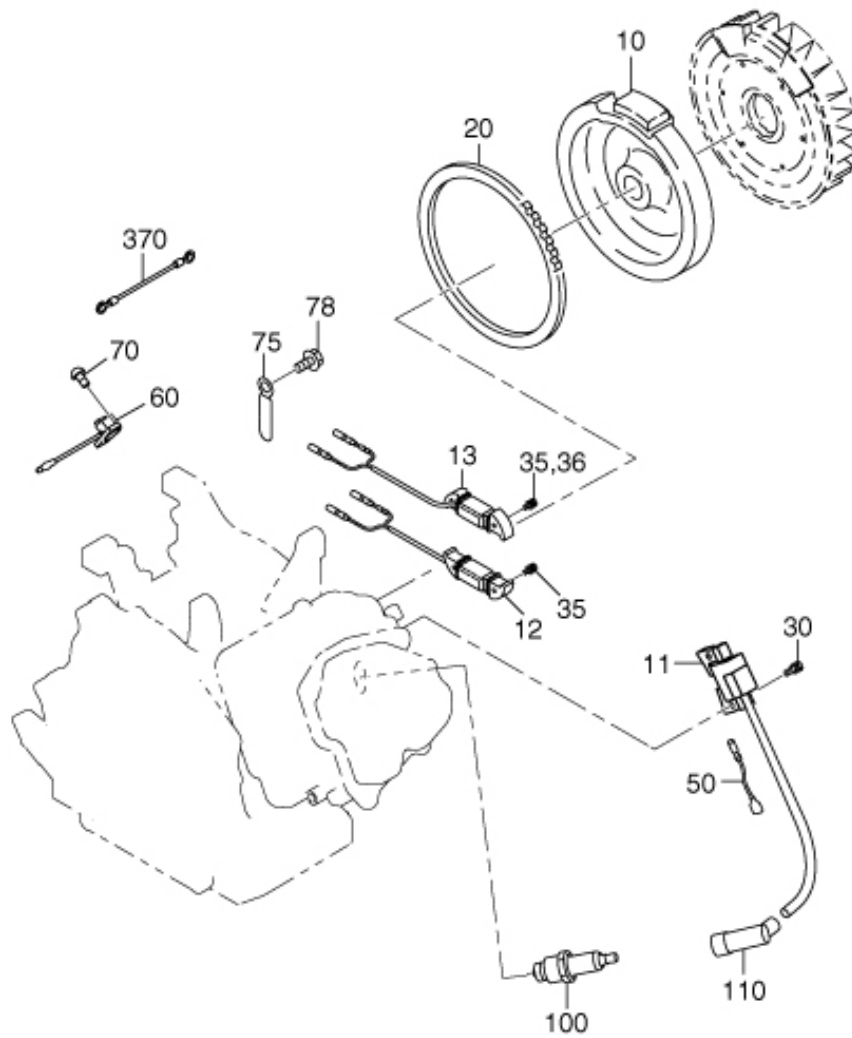
20B064002W00

640 Fuel & Lubrication

Ref	Part Number.	Description	Qty	Remark
210	20B-62301-40	CARBURETOR AY	1	
210-1	20B-62535-08	VALVE, THROTTLE	1	
210-2	261-62352-08	SCREW, VALVE SET	2	
210-3	20B-62526-08	VALVE, CHOKE	1	
210-5	20B-62420-08	JET, SLOW	1	
210-8	20B-62527-18	SHAFT, CHOKE	1	
210-11	20B-62530-08	SHAFT AY, THROTTLE	1	
210-14	20B-62500-08	VALVE AY FLOAT	1	
210-15	263-62515-08	PIN, FLOAT	1	
210-16	20B-62550-08	CHAMBER CP, FLOAT	1	
210-19	20B-62505-08	FLOAT AY	1	
210-22	20B-62400-08	JET, MAIN	1	
210-28	20B-62354-08	SCREW, DRAIN	1	
210-40	20B-62353-08	SCREW, THROTTLE ADJUST	1	
210-41	20B-62445-08	SPRING, THROTTLE ADJUST	1	
210-57	20B-62453-08	SCREW	2	
210-62	258-62554-08	FILTER, CHOKE SHAFT	1	
210-102	226-62580-08	FILTER, AIR	1	
210-158	20B-62542-08	O RING	1	
210-165	20B-62541-08	O RING	1	
210-166	20B-62540-08	SPACER	1	
210-167	20B-62520-08	SPACER	1	

700 Electric Device

FIG. 700



EX40

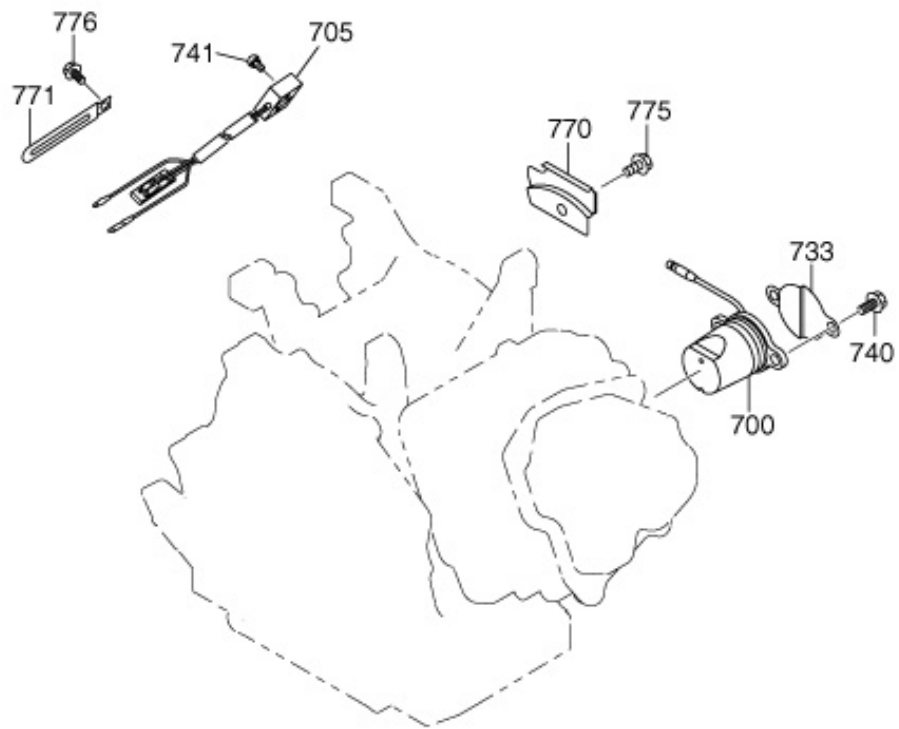
20B070003W00

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	
370	20B-73102-01	WIRE 2 CP	1	

770 Electric Device

FIG. 770



EX40

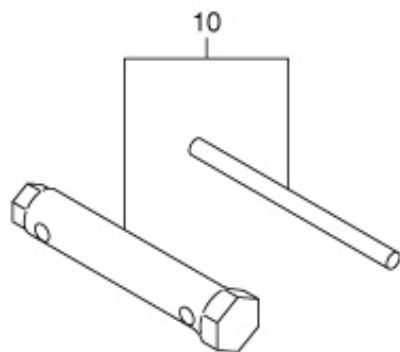
20B077001W00

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	004-36041-20	SCREW AND WASHER AY	2	
770	20B-75501-13	WIRE CLAMP	1	
775	015-20600-50	TAPPING BOLT	1	

900 Accessory

FIG. 900



EX40

20B090001W00

900 Accessory

Ref	Part Number.	Description	Qty	Remark
10	224-90303-00	ACCESSORY TOOL KIT	1	

Part Number Index

The Part Number Index is a numeric index of all part numbers included in this manual. The index shows what page(s) the part is used on.

Part Number	Page	Part Number	Page	Part Number	Page
001-04061-40	27	20B-23404-J3	7	20B-73102-01	25
001-04061-60	10	20B-23501-07	7	20B-75501-13	27
001-04083-50	5	20B-23502-07	7	20B-79230-H1	25
001-05084-00	7	20B-23503-07	7	20B-79430-H1	25
001-14062-50	15	20B-30101-J2	9	20B-95101-03	21
001-14063-00	25	20B-31601-20	9	20B-99001-37	5
002-27060-00	15	20B-32610-H7	13	214-79006-01	25
002-35060-00	15	20B-32611-J0	13	224-90303-00	29
002-38060-00	9	20B-32630-H8	13	226-62580-08	23
002-38080-00	9, 21	20B-32640-H8	13	227-43501-13	15
003-11080-00	15	20B-32650-H8	13	227-45002-03	15
003-13060-00	9, 15	20B-32660-H8	13	227-50131-08	19
004-31061-80	15	20B-32720-H8	13	227-50135-08	19
004-31062-00	15	20B-32850-H8	13	22B-24101-03	7
004-36041-20	27	20B-32901-J1	9	246-33611-03	9
005-19041-00	9	20B-33402-H3	9	246-33711-13	9
005-32054-01	7	20B-33502-H3	9	246-35501-03	9
010-50603-51	5	20B-34201-11	9	258-62554-08	23
010-50802-90	5	20B-35001-01	9	261-50100-18	19
011-00600-10	9, 17, 21, 25	20B-35101-11	9	261-62352-08	23
011-00600-20	5, 15, 17	20B-35201-13	9	263-23301-33	7
011-00802-50	21	20B-35601-H1	9	263-35341-03	5
011-00803-20	9	20B-35901-H3	9	263-62515-08	23
011-00803-40	5	20B-35902-H3	9	277-15011-03	5
011-01000-40	5	20B-35903-13	9	277-36401-13	9
013-00602-81	17	20B-36101-00	9	277-36902-03	9
013-10500-30	15	20B-36102-10	9	277-36911-03	9
014-90500-20	9	20B-36501-03	9	277-36913-13	9
015-00400-60	9	20B-37001-11	9	277-37101-03	9
015-20600-50	27	20B-42201-01	15	277-38702-03	9
017-00500-30	9	20B-42301-20	15	277-41901-03	5
018-01800-10	7	20B-42501-13	15	277-43902-03	15
018-60600-20	15	20B-42701-23	15	277-45103-03	15
021-11400-20	5	20B-42801-13	15	277-50155-08	19
021-32000-50	5	20B-43301-01	15	277-96107-03	15
021-70600-30	15	20B-45003-01	5	279-52711-11	17
024-00700-20	9	20B-46001-21	15	279-63601-30	5
031-00600-10	5	20B-50101-08	19	279-76301-51	27
040-11400-30	5	20B-50110-08	19	KU3-11077-01	27
044-00800-10	5	20B-50120-08	19	X43-04401-62	21
044-03500-90	5	20B-50145-08	19	X56-11100-60	21
056-11000-30	21	20B-50301-20	19	X60-01500-11	5
056-11200-40	21	20B-51302-11	17	X64-13600-10	21
056-51000-50	5	20B-52704-13	17	X64-20122-01	21
056-52100-20	7	20B-54101-H3	17	X85-10614-91	21
056-81200-20	21	20B-60102-01	21	X85-11001-80	10
060-03502-40	5	20B-62301-40	23		
065-01401-50	25	20B-62353-08	23		
065-50003-11	25	20B-62354-08	23		
073-20051-81	21	20B-62400-08	23		
073-20054-70	17	20B-62420-08	23		
085-10620-90	21	20B-62445-08	23		
132-11AA1-10	5	20B-62453-08	23		
161-50125-08	19	20B-62500-08	23		
161-50150-08	19	20B-62505-08	23		
207-26001-03	7	20B-62520-08	23		
20B-10102-41	5	20B-62526-08	23		
20B-11002-11	5	20B-62527-18	23		
20B-13001-00	5	20B-62530-08	23		
20B-14202-03	5	20B-62535-08	23		
20B-15001-33	5	20B-62540-08	23		
20B-15501-01	5	20B-62541-08	23		
20B-16001-03	5	20B-62542-08	23		
20B-20901-21	7	20B-62550-08	23		
20B-22503-00	7	20B-62601-01	21		
20B-23401-J3	7	20B-62601-21	21		
20B-23403-J3	7	20B-73101-01	25		

Part Description Index

The Part Description Index is an alphabetical index of all part descriptions included in this manual. The index shows what page(s) the part is used on.

A

ACCESSORY TOOL KIT.....29
ADJUST SCREW.....9
AIR CLEANER AY.....13

B

BAFFLE 1(CASE) CP.....17
BAFFLE 2(HEAD)CP.....17
BALANCER SHAFT.....7
BALL BEARING.....5
BLOWER HOUSING CP.....17
BODY CP.....13
BOLT.....13, 17
BOLT AND WASHER AY.....15, 17, 25

C

CAMSHAFT AY.....9
CAP.....13
CARBURETOR AY.....23
CHAIN GUIDE.....9
CHAMBER CP, FLOAT.....23
CHOKE LABEL.....13
CLAMP.....15, 21
CLAMP CP.....25
CLIP.....5, 7, 9, 15
COLLET-VALVE.....9
CONNECTING ROD AY.....7
COOLING BLOWER.....17
COVER.....13
CRANK CASE CP.....5
CRANK SHAFT CP.....7
CYLINDER HEAD AY.....5

D

DEFLECTOR CP.....9
DOWEL PIN.....5

E

ELEMENT AY.....13
EXHAUST VALVE.....9

F

FILTER, AIR.....23
FILTER, CHOKE SHAFT.....23
FLANGE BOLT.....5, 7, 9-10, 15, 17, 21, 25, 27
FLANGE NUT.....7, 9, 21
FLOAT AY.....23
FLOAT C/U CP11.....27
FLYWHEEL CP.....25
FRICTION SPRING.....19
FRICTION WASHER.....15
FUEL FILTER.....21
FUEL PIPE CP.....21
FUEL STRAINER AY.....21
FUEL TANK CAP CP.....21
FUEL TANK CP.....21

G

GASKET.....5
GASKET 1.....9
GASKET 2.....9
GASKET 3.....9
GASKET SET.....5
GASKET(HEAD).....5
GASKET(MUFFLER).....9
GASKET(ROCKER COVER).....5
GOVERNOR GEAR CP.....5
GOVERNOR LEVER AY.....15
GOVERNOR ROD.....15
GOVERNOR SHAFT CP.....15
GOVERNOR SLEEVE.....5
GOVERNOR SPRING.....15

H

HOSE CLAMP.....21

I

IGNITION COIL CP.....25
INSULATOR CP.....9
INTAKE VALVE.....9

J

JET, MAIN.....23
JET, SLOW.....23

K

KEY.....7

L

LABEL(HI-LOW).....15
LABEL(MODEL).....21
LABEL(TRADE MARK).....17
LABEL(WARNING).....21

M

MAINBEARING COVER CP.....5
MUFFLER COVER CP.....9
MUFFLER UN.....9

N

NUT.....9, 15

O

O RING.....23
O-RING.....9
OIL GAUGE AY.....5
OIL SEAL.....5
OIL SENSOR CP.....27

P

PACKING.....13

PIN(CAM SHAFT)CP.....9
PIN(ROCKER)CP.....9
PIN(TENTIONER).....9
PIN, FLOAT.....23
PIPE KNOCK.....5
PISTON.....7
PISTON PIN.....7
PISTON RING SET.....7
PLUG.....5

R

RATCHET.....19
RATCHET GUIDE.....19
RECOIL STARTER AY.....19
REEL.....19
RELEASE LEVER.....9
RETAINER PLATE.....5
RETURN SPRING.....9, 15, 19
ROCKER ARM(EX) AY.....9
ROCKER ARM(IN) AY.....9
ROCKER COVER CP.....5
ROD SPRING.....15
RUBBER PIPE.....10, 21

S

SCREW.....15, 23
SCREW AND WASHER AY.....15, 27
SCREW, DRAIN.....23
SCREW, THROTTLE ADJUST.....23
SCREW, VALVE SET.....23
SEAL-EXH VALVE.....5
SELF LOCK NUT.....15
SET SCREW.....19
SHAFT AY, THROTTLE.....23
SHAFT, CHOKE.....23
SPACER.....23
SPARK PLUG.....25
SPARK PLUG CAP.....25
SPEED CONT. LEVER CP.....15
SPEED CONTROL BKT CP.....15
SPIRAL SPRING.....19
SPRING PIN.....9
SPRING RETAINER.....9
SPRING WASHER.....15
SPRING(TENTIONER).....9
SPRING, THROTTLE ADJUST.....23
STARTER KNOB.....19
STARTER PULLEY.....19
STARTER ROPE.....19
STOP PLATE.....15
STUD.....5

T

TAPPING BOLT.....27
TAPPING SCREW.....9
TENTIONER.....9
TIMING CHAIN CP.....9

Part Description Index (continued)

V

VALVE AY FLOAT.....23
VALVE GUIDE.....5
VALVE SPRING.....9
VALVE, CHOKE.....23
VALVE, THROTTLE.....23

W

WASHER.....15
WIRE 1 CP.....25
WIRE 2 CP.....25
WIRE CLAMP.....27
WOODRUFF KEY.....7

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