

PARTS MANUAL

MODEL
EX13
Engine

EX130D50380

01/16



SUBARU

Industrial Power Products

Subaru Industrial Power Products

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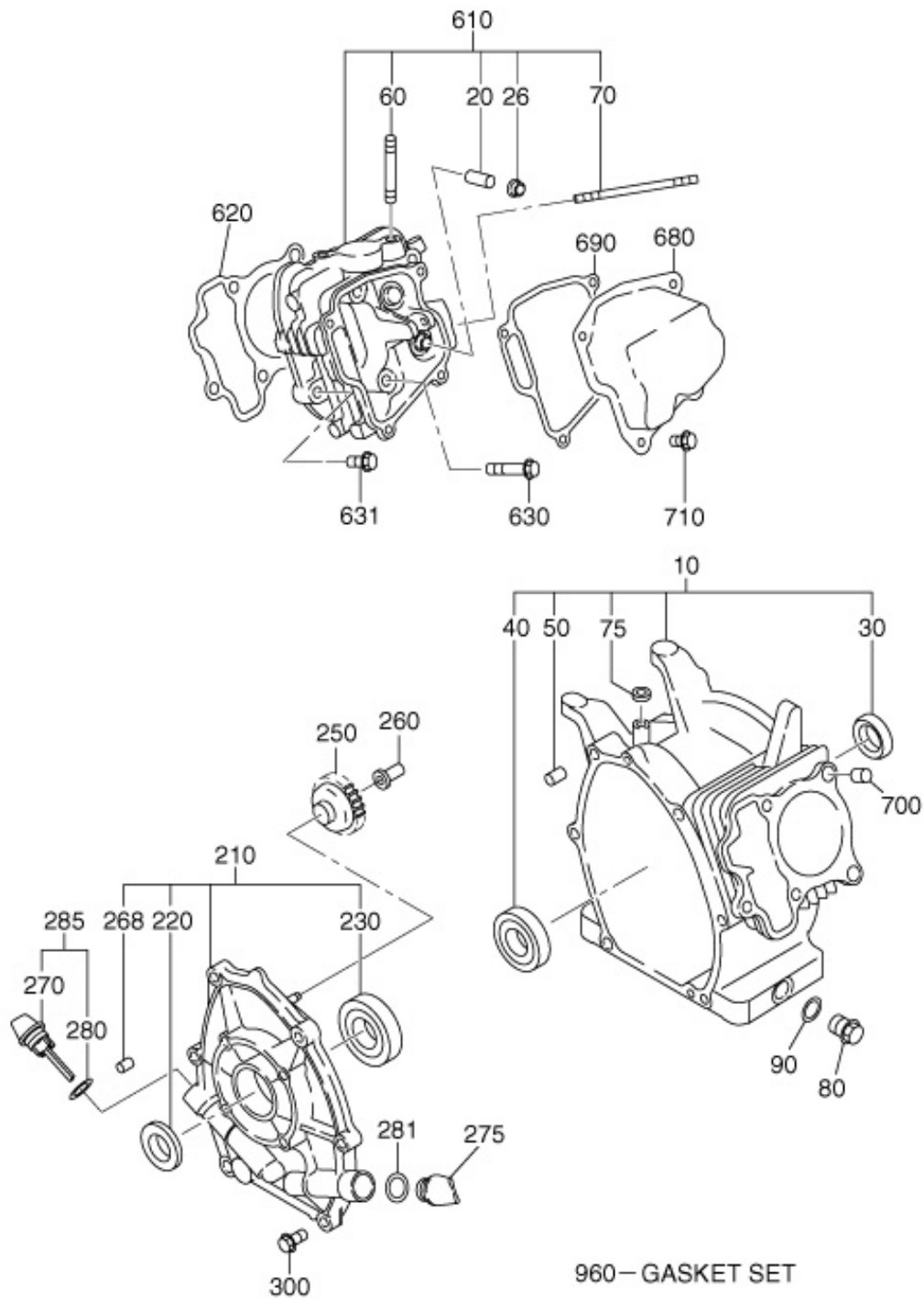
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Group Index

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 & Lubricant.....	22
700 Electric Device.....	24
900 Accessory.....	26
 Part Number Index.....	 28
Part Description Index.....	29

100 Crankcase

FIG. 100



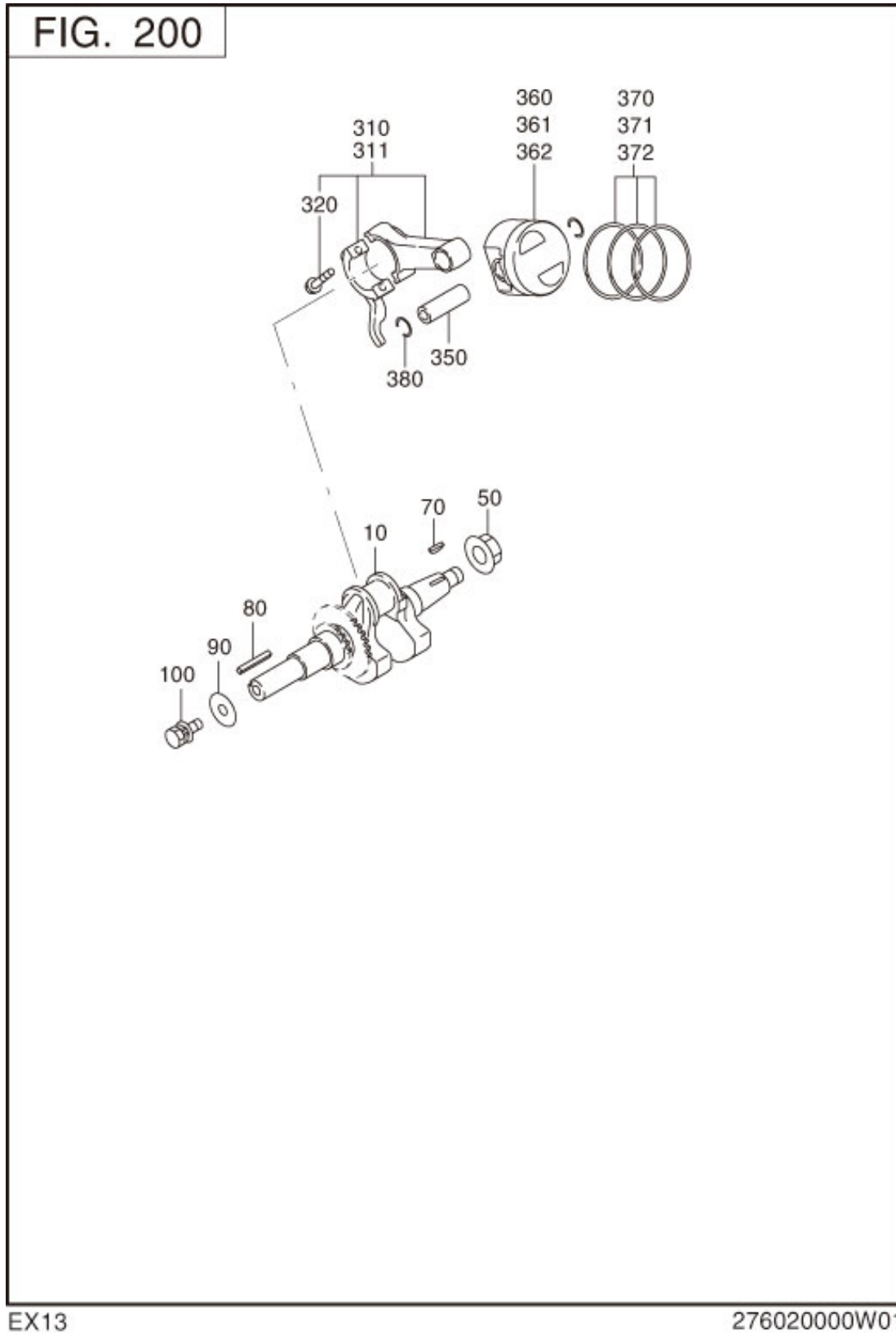
EX13

276010001W00

100 Crankcase

Ref	Part Number.	Description	Qty	Remark
10	276-10111-01	CRANKCASE CP	1	
20	237-14202-03	VALVE GUIDE	2	
26	277-16010-01	STEM SEAL	1	
30	044-02502-00	OIL SEAL	1	
40	060-02800-21	BALL BEARING	1	
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	PLUG	1	
90	021-11400-20	GASKET	1	
210	277-11002-31	MAIN BEARING COVER C	1	
220	044-02502-10	OIL SEAL	1	
230	X60-02501-40	BALL BEARING	1	
250	277-45004-K1	GOVERNOR GEAR CP	1	
260	277-41902-01	GOVERNOR SLEEVE	1	
270	277-63601-30	OIL GAUGE	2	
275	277-65001-03	FILLER PLUG	1	
280	021-31600-20	GASKET	1	
281	021-31600-20	GASKET	1	
300	001-04083-50	FLANGE BOLT	6	
610	276-10101-41	CYLINDER HEAD CP	1	
620	276-15001-33	GASKET (HEAD)	1	
630	011-00802-40	FLANGE BOLT	4	M8X1.25X16DX68L.
631	011-00803-10	FLANGE BOLT	1	M8X1.25X16DX33L.
631	001-04083-50	FLANGE BOLT	1	
680	277-15501-01	ROCKER COVER CP	1	
690	277-16001-13	GASKET(ROCKER COVER)	1	
700	277-15011-03	PIPE KNOCK	2	
710	011-00600-20	FLANGE BOLT	4	M6X1.0X14DX12L.
960	276-99001-27	GASKET SET	1	

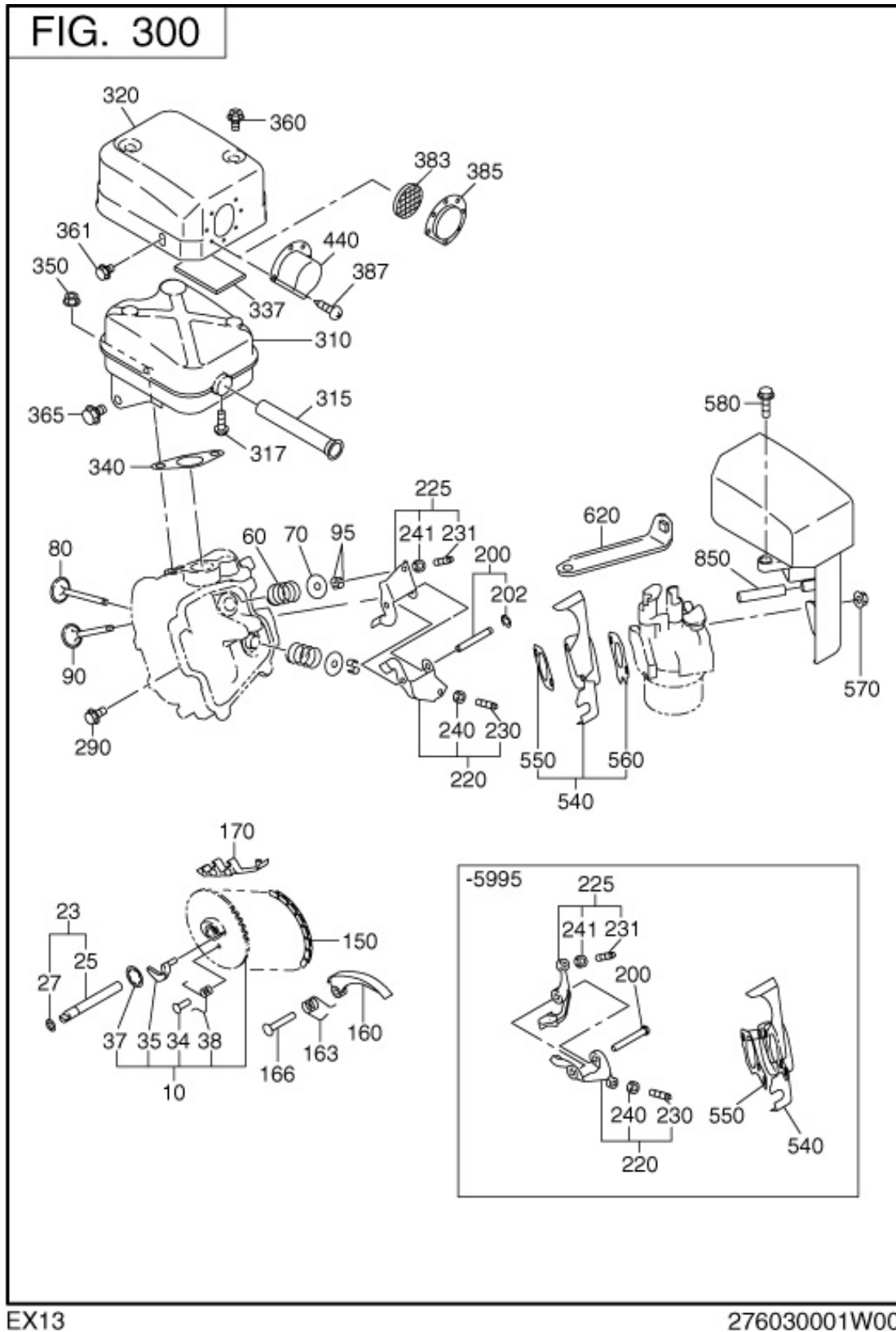
200 Crankshaft



200 Crankshaft

Ref	Part Number.	Description	Qty	Remark
10	276-20901-41	CRANKSHAFT CP	1	
50	018-01400-20	FLANGE NUT	1	
70	032-30300-10	WOODRUFF KEY	1	
80	206-26001-13	KEY	1	
310	276-22501-10	CONNECTING ROD AY	1	
360	276-23401-H3	PISTON	1	
371	276-23531-07	PISTON RING SET	1	
380	215-25004-03	CLIP	2	

300 Intake & Exhaust



300 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
10	277-31601-71	CAM SHAFT CP	1	Start Code: 6696. Remarks: 85DX2.9B N=40.
25	277-35101-01	PIN(CAM SHAFT)	1	Remarks: 9DX78.5L.
27	024-00600-30	O RING	1	Remarks: 5.8DX9.6D.
34	277-38601-03	PIN(SPRING)	1	Remarks: 4DX8DX9L.
35	277-36401-13	RELEASE LEVER	1	
37	277-36501-03	CLIP	1	Remarks: 13.8DX20.3DX0.4T.
38	277-38703-33	RETURN SPRING	1	Remarks: 5.1DX0.6DX4.4L N=7.
60	279-33601-03	VALVE SPRING	2	Remarks: 19.2DX2.3DX27.4L.
70	269-33701-03	SPRING RETAINER	2	
80	276-33401-H3	INTAKE VALVE	1	Start Code: 6491. Remarks: 22DX5.5DX68L.
90	276-33501-H3	EXHAUST VALVE	1	Start Code: 6491. Remarks: 18.5DX5.5DX68L.
95	132-10KA0-31	COLLET-VALVE	4	
150	276-35602-H1	TIMING CHAIN CP	1	Start Code: 5965. Remarks: 86 LINK.
160	20A-36911-03	TENTIONER AY	1	
163	277-37101-03	SPRING(TENTIONER)	1	Remarks: 10DX1.8DX14L N=4.5.
166	277-36902-03	PIN(TENTIONER)	1	Remarks: 6DX13DX34L.
170	277-36913-13	CHAIN GUIDE	1	
200	277-35004-01	PIN(ROCKER) CP	1	Start Code: 5996. Remarks: 6DX46L.
200	277-35004-03	PIN(ROCKER)	1	End Code: 5995. Remarks: 6DX9DX41L. Interchangeable with 277-35002-01.
202	003-13050-00	CLIP	1	Start Code: 5996.
220	277-36201-00	ROCKER ARM(IN) AY	1	Start Code: 5965.
225	277-36202-00	ROCKER ARM(EX) AY	1	Start Code: 5965.
230	014-90500-20	ADJUST SCREW	1	Start Code: 5965. Remarks: M5X0.5X23L.
231	014-90500-20	ADJUST SCREW	1	Start Code: 5965. Remarks: M5X0.5X23L.
240	017-00500-30	NUT	1	Start Code: 5965. Remarks: M5X0.5X4.1H.
241	017-00500-30	NUT	1	End Code: 5964. Remarks: M5X0.5X4.1H.
290	011-00600-20	FLANGE BOLT	1	Remarks: M6X1.0X14DX12L.
310	276-30112-K1	MUFFLER CP	1	Start Code: 6484. End Code: 7030.
315	277-37601-01	SPARK ARRESTER CP	1	Start Code: 6484. End Code: 7030.
320	276-34201-41	MUFFLER COVER CP	1	Start Code: 5965.
340	277-35201-13	GASKET(MUFFLER)	1	Start Code: 5965. Remarks: T=0.2 26D 9DX58P.
350	980-20082-80	FLANGE NUT	2	
360	015-20600-90	TAPPING BOLT	2	Remarks: M6X13DX10L.
361	011-00600-10	FLANGE BOLT	1	Remarks: M6X1.0X14DX8L.

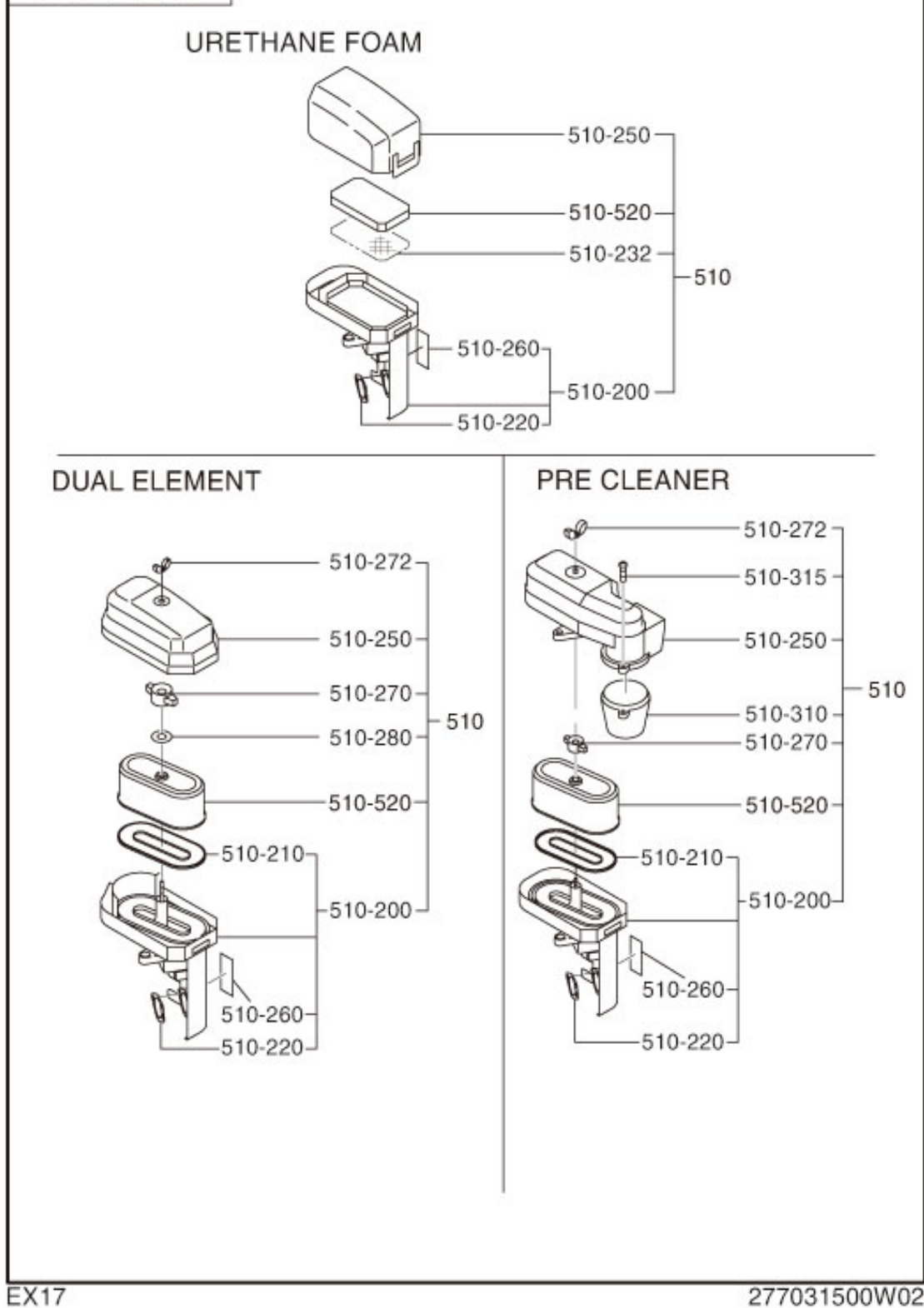
300 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
365	011-00803-20	FLANGE BOLT	1	Start Code: 6210. Remarks: M8X1.25X16DX12L.
365	011-00801-50	FLANGE BOLT	1	End Code: 6209. Remarks: M8X1.25X16DX12L.
385	277-37203-H1	SCREEN CP	1	Start Code: 6179.
387	015-00400-60	TAPPING SCREW	2	Start Code: 5965. Remarks: M4X6L.
540	277-32902-J1	INSULATOR CP	1	Start Code: 6454.
540	277-32902-H1	INSULATOR CP	1	End Code: 6453. Interchangeable with 277-32902-J1.
550	277-35903-H3	GASKET2(INSULATOR)	1	Start Code: 5965. End Code: 6453. Remarks: T=0.5. Interchangeable with 277-35903-J3.
550	277-35903-J3	GASKET2(INSULATOR)	1	Start Code: 6454. Remarks: T=0.5.
560	277-35902-H3	GASKET1(INSULATOR)	1	Start Code: 5965. End Code: 6453. Remarks: T=0.5. Interchangeable with 277-35902-J3.
560	277-35902-J3	GASKET1(INSULATOR)	1	Start Code: 6454. Remarks: T=0.5.
570	002-38060-00	FLANGE NUT	2	
580	011-00600-50	FLANGE BOLT	1	Remarks: M6X1.0X13DX20L.

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315 Intake & Exhaust

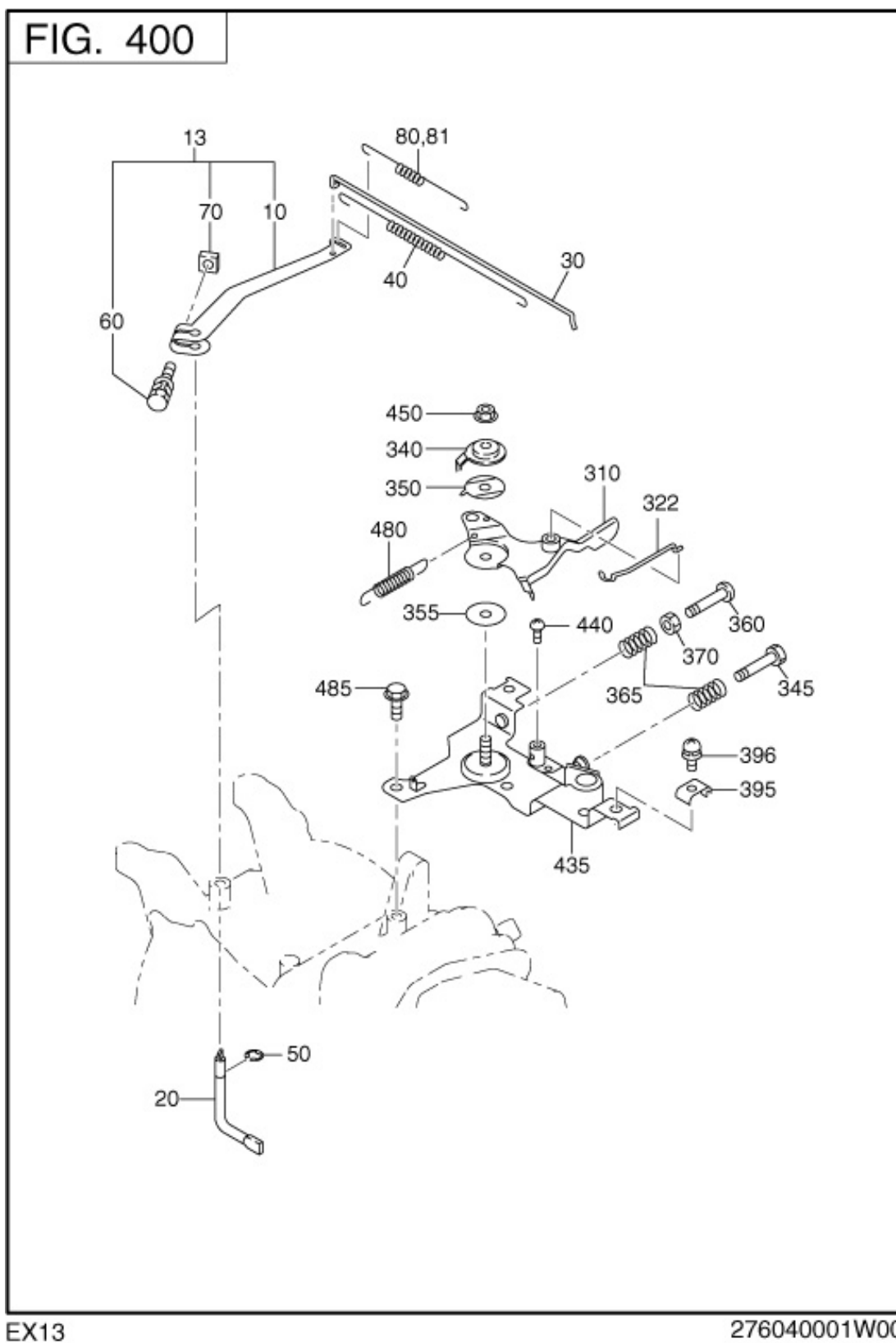
FIG. 315



315 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
510	277-32715-30	AIR CLEANER AY	1	
-200	277-32639-08	BASE CP	1	
-210	277-32610-08	PACKING	1	
-220	277-32604-08	PACKING	1	
-250	277-32640-08	COVER CP	1	
-260	277-32667-08	LABEL	1	
-270	277-32741-18	WING NUT	1	
-272	277-32607-08	WING NUT	1	
-520	277-32611-07	ELEMENT SET	1	

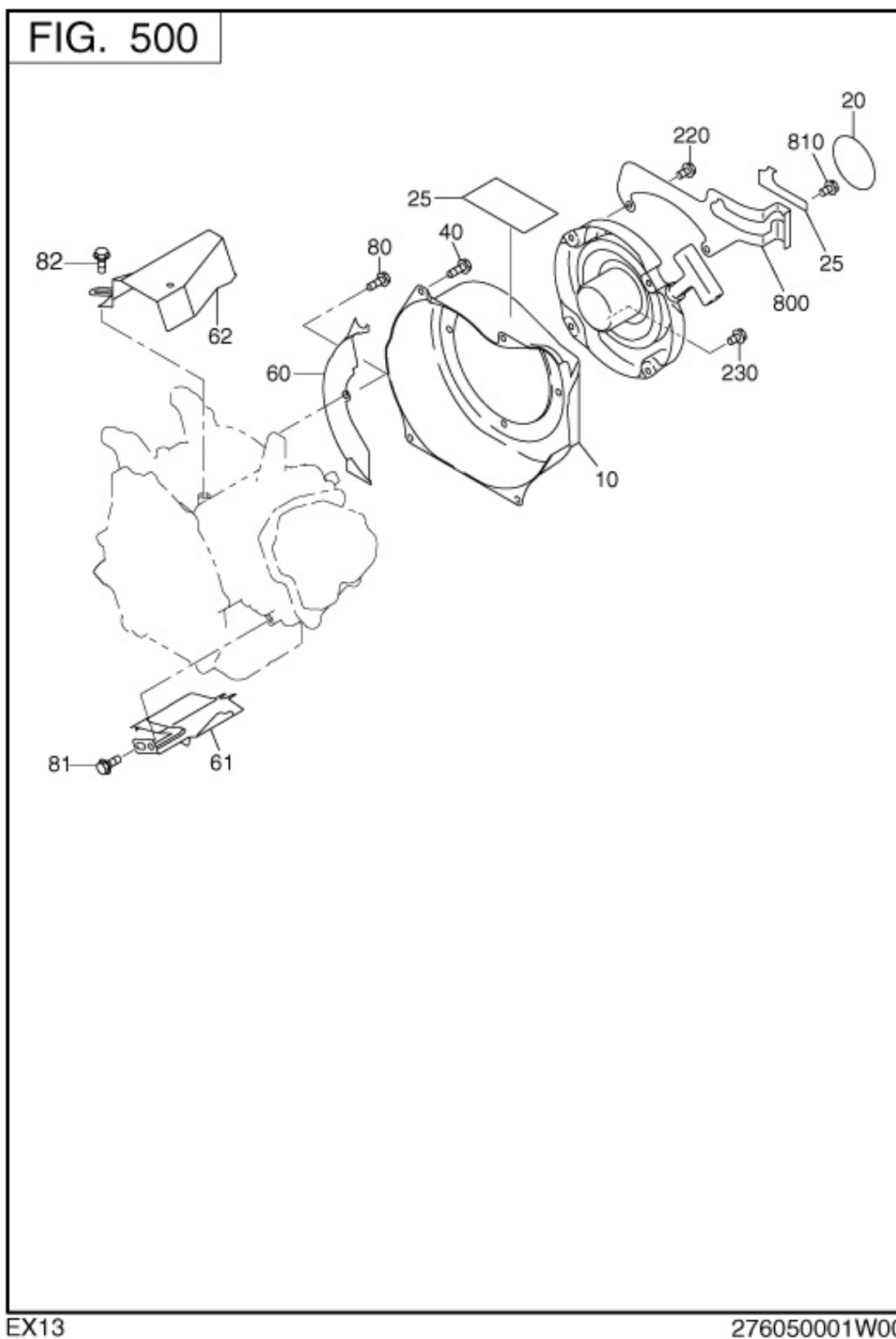
400 Governor



400 Governor

Ref	Part Number.	Description	Qty	Remark
13	277-42301-40	GOVERNOR LEVER AY	1	
20	277-42201-33	GOVERNOR SHAFT	1	
30	279-42701-23	GOVERNOR ROD	1	
40	277-42801-23	ROD SPRING	1	
50	003-13050-00	CLIP	1	
60	001-14062-50	BOLT AND WASHER AY	1	
70	018-60600-20	NUT	1	
80	277-42510-23	GOVERNOR SPRING	1	
310	277-43303-01	SPEED CONT.LEVER CP	1	
322	277-43701-01	LINK ROD CP	1	
340	277-43502-03	STOP PLATE	1	
350	277-44501-03	WASHER	1	
355	021-70600-70	FRICTION WASHER	1	
360	004-31063-50	SCREW	1	
365	237-45004-23	SPRING (ADJUST)	1	
395	277-43902-03	CLAMP	1	
396	013-10500-30	SCREW AND WASHER AY	1	
435	277-46015-01	SPEED CONT.BRKT 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	2	

500 Cooling & Starting

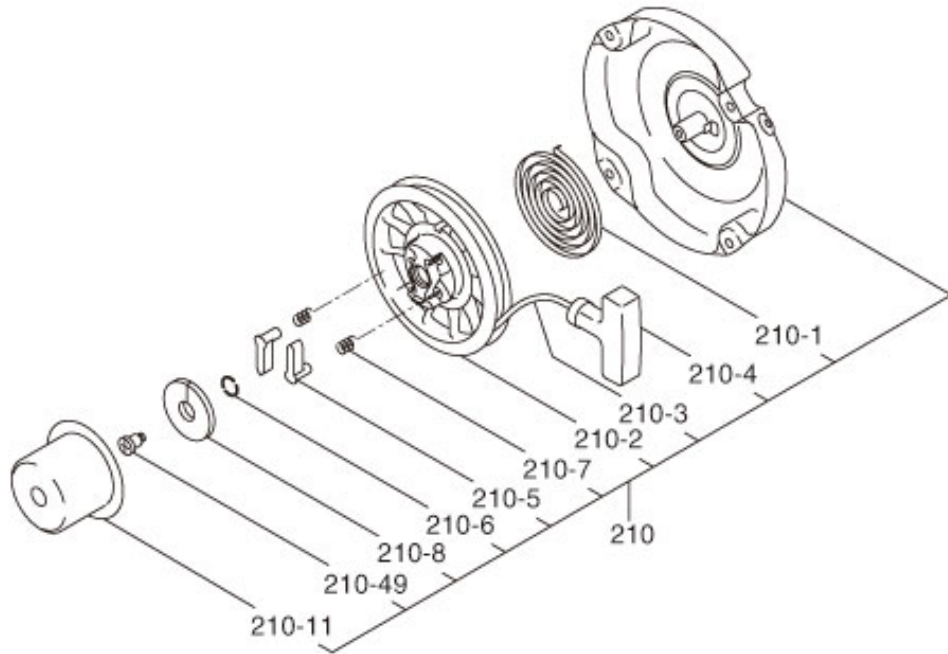


500 Cooling & Starting

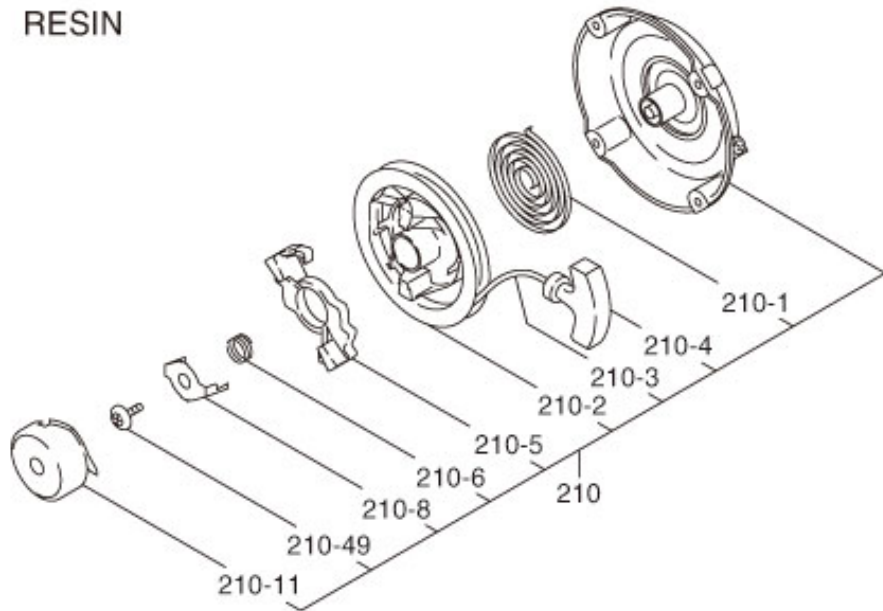
Ref	Part Number.	Description	Qty	Remark
10	276-51202-01	BLOWER HOUSING CP	1	
20	073-20058-20	LABEL (TRADE MARK)	1	
25	073-20058-60	LABEL (WARNING)	1	
40	011-00600-30	FLANGE BOLT	4	
60	20A-52711-01	BAFFLE 1(CASE) CP	1	
61	277-52702-03	BAFFLE 2(HEAD)	1	
80	001-04061-40	FLANGE BOLT	1	
81	011-00600-20	FLANGE BOLT	1	
220	013-00602-81	BOLT AND WASHER AY	4	

520 Cooling & Starting

FIG. 520



RESIN



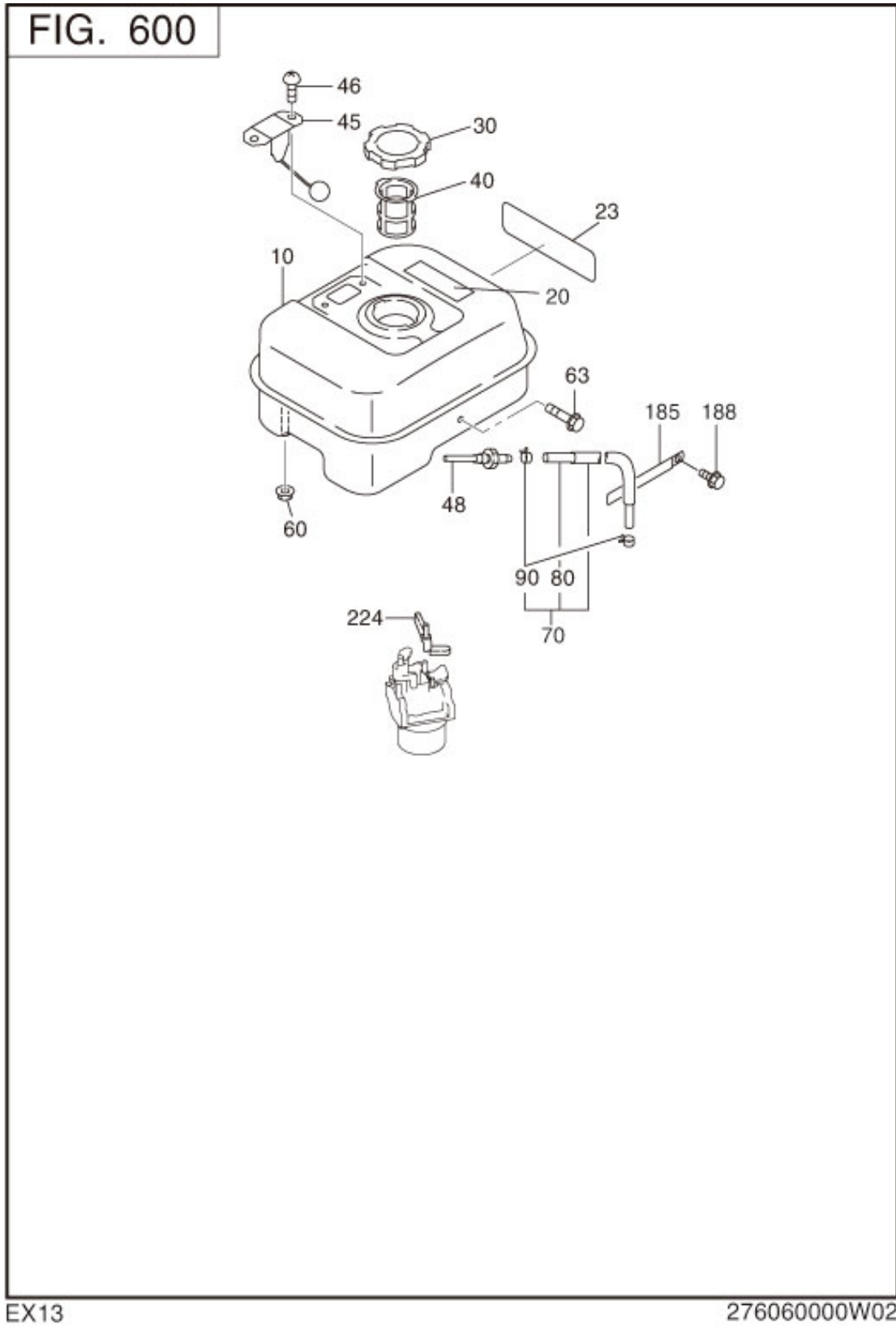
EX13

276052000W01

520 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
210	276-50301-30	RECOIL STARTER AY	1	
1	226-50716-08	SPIRAL SPRING	1	
2	277-50121-08	REEL	1	
3	277-50110-08	STARTER ROPE	1	
4	281-50300-18	STARTER KNOB	1	
5	281-50325-08	RATCHET	1	
6	281-50330-08	FRICTION SPRING	1	
8	281-50340-08	FRICTION PLATE	1	
11	276-50145-08	STARTER PULLEY	1	
49	281-50351-08	CENTER SCREW	1	

600 Fuel & Lubricant



600 Fuel & Lubricant

Ref	Part Number.	Description	Qty	Remark
10	276-61132-01	FUEL TANK CP	1	
23	276-95112-03	LABEL(MODEL)	1	
30	X43-04401-43	FUEL TANK CAP CP	1	
40	X64-13600-10	FUEL FILTER	1	
48	050-51200-20	UNION	1	
60	002-38060-00	FLANGE NUT	2	
63	011-00601-30	FLANGE BOLT	1	
70	276-62603-11	FUEL PIPE CP	1	
80	X85-10615-61	RUBBER PIPE	1	
90	X56-11100-60	HOSE CLAMP	2	
224	277-43801-01	CHOKE LEVER CP	1	

FIG. 640

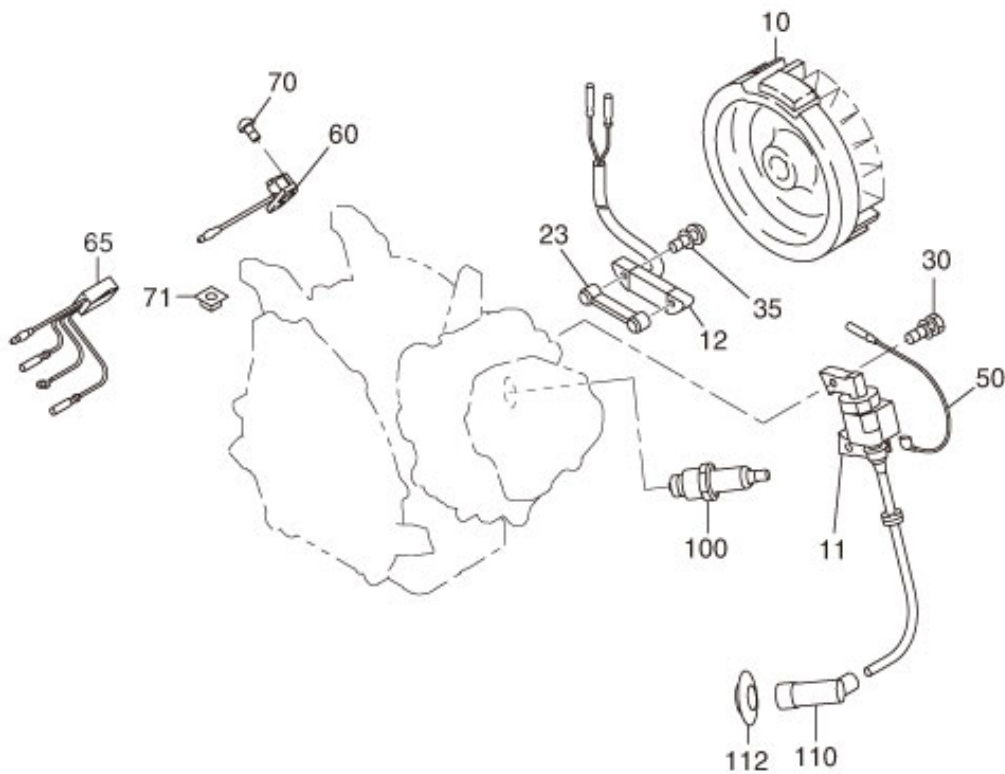


640 Fuel & Lubricant

Ref	Part Number.	Description	Qty	Remark
210	276-62393-20	CARBURETOR AY	1	
1	106-62538-08	THROTTLE VALVE	1	
2	209-62351-08	SCREW	1	
3	277-62525-08	CHOKE VALVE	1	
5	247-62420-08	PILOT JET	1	
8	277-62520-08	CHOKE LEVER	1	
11	276-62531-18	THROTTLE SHAFT-A	1	
12	227-62451-08	BOLT	1	
14	157-62305-08	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	276-62441-08	MAIN NOZZLE	1	
22	277-62404-18	MAIN JET	1	
24	226-62701-18	CLIP	1	
40	106-62556-08	SCREW	1	
41	283-62357-08	SPRING	1	
44	248-62410-08	AIR JET	1	
45	106-62410-08	AIR JET(PILOT)	1	
62	236-62680-08	SEAL	1	
102	246-62390-08	SEAL	1	
144	277-62553-08	NUT	1	
300	279-62103-20	FUEL STRAINER AY	1	
302	277-62110-18	PACKING	1	
303	277-62100-18	CUP	1	
325	277-62552-08	O-RING	1	
327	165-62377-08	SCREW	2	

700 Electric Device

FIG. 700



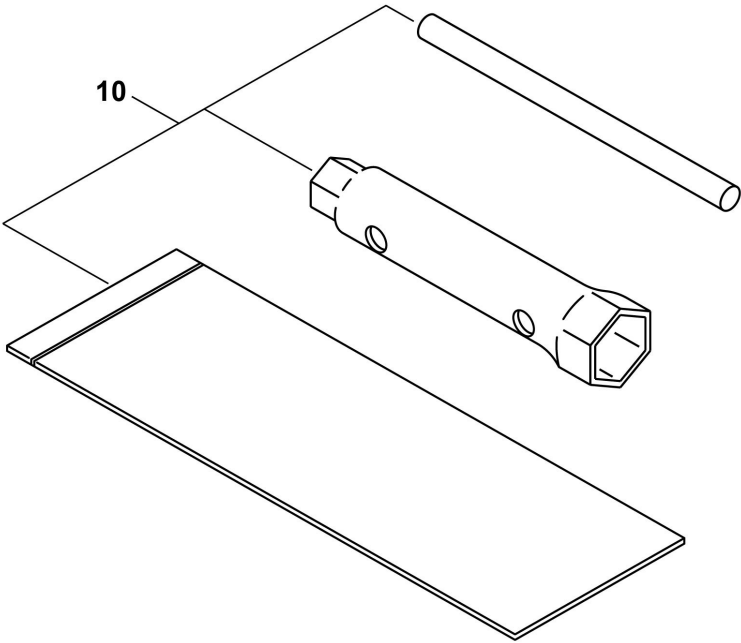
EX13

276070000W01

700 Electric Device

Ref	Part Number.	Description	Qty	Remark
10	276-79241-01	FLYWHEEL CP	1	
11	277-79431-11	IGNITION COIL CP	1	
12	277-79301-01	LAMP COIL CP	1	
23	277-79501-03	SPACER	1	
30	001-04062-00	FLANGE BOLT	2	
35	001-13063-50	BOLT AND WASHER AY	2	
50	277-73101-H1	WIRE 1 CP	1	
100	X65-01430-50	SPARK PLUG	1	
110	X65-50002-70	SPARK PLUG CAP	1	

900 Accessory



2900 0005 000

900 Accessory

Ref	Part Number.	Description	Qty	Remark
10	277-90301-J0	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	17	276-10111-01	5	277-43902-03	15
001-04062-00	25	276-15001-33	5	277-44501-03	15
001-04083-50	5	276-20901-41	7	277-45004-K1	5
001-13063-50	25	276-22501-10	7	277-45103-03	15
001-14062-50	15	276-23401-H3	7	277-46015-01	15
002-35060-00	15	276-23531-07	7	277-50110-08	19
002-38060-00	10, 21	276-30112-K1	9	277-50121-08	19
003-13050-00	9, 15	276-33401-H3	9	277-52702-03	17
004-31040-80	15	276-33501-H3	9	277-62100-18	23
004-31063-50	15	276-34201-41	9	277-62110-18	23
010-50603-51	5	276-35602-H1	9	277-62404-18	23
010-50802-50	5	276-50145-08	19	277-62506-08	23
011-00600-10	9	276-50301-30	19	277-62515-08	23
011-00600-20	5, 9, 15, 17	276-51202-01	17	277-62520-08	23
011-00600-30	17	276-61132-01	21	277-62525-08	23
011-00600-50	10	276-62393-20	23	277-62552-08	23
011-00601-30	21	276-62441-08	23	277-62553-08	23
011-00801-50	10	276-62531-18	23	277-63601-30	5
011-00802-40	5	276-62603-11	21	277-65001-03	5
011-00803-10	5	276-79241-01	25	277-73101-H1	25
011-00803-20	10	276-95112-03	21	277-79301-01	25
013-00602-81	17	276-99001-27	5	277-79431-11	25
013-10500-30	15	277-11002-31	5	277-79501-03	25
014-90500-20	9	277-15011-03	5	277-90301-J0	27
015-00400-60	10	277-15501-01	5	279-33601-03	9
015-20600-90	9	277-16001-13	5	279-42701-23	15
017-00500-30	9	277-16010-01	5	279-62103-20	23
018-01400-20	7	277-31601-71	9	281-50300-18	19
018-60600-20	15	277-32604-08	13	281-50325-08	19
021-11400-20	5	277-32607-08	13	281-50330-08	19
021-31600-20	5	277-32610-08	13	281-50340-08	19
021-70600-70	15	277-32611-07	13	281-50351-08	19
024-00600-30	9	277-32639-08	13	283-62357-08	23
032-30300-10	7	277-32640-08	13	980-20082-80	9
040-11400-30	5	277-32667-08	13	X43-04401-43	21
044-00600-20	5	277-32715-30	13	X56-11100-60	21
044-02502-00	5	277-32741-18	13	X60-02501-40	5
044-02502-10	5	277-32902-H1	10	X64-13600-10	21
050-51200-20	21	277-32902-J1	10	X65-01430-50	25
060-02800-21	5	277-35004-01	9	X65-50002-70	25
073-20058-20	17	277-35004-03	9	X85-10615-61	21
073-20058-60	17	277-35101-01	9		
106-62410-08	23	277-35201-13	9		
106-62538-08	23	277-35902-H3	10		
106-62556-08	23	277-35902-J3	10		
132-10KA0-31	9	277-35903-H3	10		
157-62305-08	23	277-35903-J3	10		
165-62377-08	23	277-36201-00	9		
206-26001-13	7	277-36202-00	9		
209-62351-08	23	277-36401-13	9		
20A-36911-03	9	277-36501-03	9		
20A-52711-01	17	277-36902-03	9		
214-62450-08	23	277-36913-13	9		
214-62540-08	23	277-37101-03	9		
215-25004-03	7	277-37203-H1	10		
226-50716-08	19	277-37601-01	9		
226-62506-08	23	277-38601-03	9		
226-62701-18	23	277-38703-33	9		
227-62451-08	23	277-41902-01	5		
236-62680-08	23	277-42201-33	15		
237-14202-03	5	277-42301-40	15		
237-45004-23	15	277-42510-23	15		
246-62390-08	23	277-42801-23	15		
247-62420-08	23	277-43303-01	15		
248-62410-08	23	277-43502-03	15		
269-33701-03	9	277-43701-01	15		
276-10101-41	5	277-43801-01	21		

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.....27
ADJUST SCREW.....9
AIR CLEANER AY.....13
AIR JET.....23
AIR JET(PILOT).....23

B

BAFFLE 1(CASE) CP.....17
BAFFLE 2(HEAD).....17
BALL BEARING.....5
BASE CP.....13
BLOWER HOUSING CP.....17
BOLT.....23
BOLT AND WASHER AY.....15, 17, 25

C

CAM SHAFT CP.....9
CARBURETOR AY.....23
CENTER SCREW.....19
CHAIN GUIDE.....9
CHAMBER PACKING.....23
CHOKE LEVER.....23
CHOKE LEVER CP.....21
CHOKE VALVE.....23
CLAMP.....15
CLIP.....7, 9, 15, 23
COLLET-VALVE.....9
CONNECTING ROD AY.....7
COVER CP.....13
CRANKCASE CP.....5
CRANKSHAFT CP.....7
CUP.....23
CYLINDER HEAD CP.....5

E

ELEMENT SET.....13
EXHAUST VALVE.....9

F

FILLER PLUG.....5
FLANGE BOLT.....5, 9-10, 15, 17, 21, 25
FLANGE NUT.....7, 9-10, 21
FLOAT.....23
FLOAT BODY AY.....23
FLYWHEEL CP.....25
FRICTION PLATE.....19
FRICTION SPRING.....19
FRICTION WASHER.....15
FUEL FILTER.....21
FUEL PIPE CP.....21
FUEL STRAINER AY.....23
FUEL TANK CAP CP.....21
FUEL TANK CP.....21

G

GASKET.....5
GASKET (HEAD).....5
GASKET SET.....5
GASKET(MUFFLER).....9
GASKET(ROCKER COVER).....5
GASKET1(INSULATOR).....10
GASKET2(INSULATOR).....10
GOVERNOR GEAR CP.....5
GOVERNOR LEVER AY.....15
GOVERNOR ROD.....15
GOVERNOR SHAFT.....15
GOVERNOR SLEEVE.....5
GOVERNOR SPRING.....15

H

HOSE CLAMP.....21

I

IGNITION COIL CP.....25
INSULATOR CP.....10
INTAKE VALVE.....9

K

KEY.....7

L

LABEL.....13
LABEL (WARNING).....17
LABEL(MODEL).....21
LABEL(TRADE MARK).....17
LAMP COIL CP.....25
LINK ROD CP.....15

M

MAIN BEARING COVER C.....5
MAIN JET.....23
MAIN NOZZLE.....23
MUFFLER COVER CP.....9
MUFFLER CP.....9

N

NEEDLE.....23
NUT.....9, 15, 23

O

O RING.....9
O-RING.....23
OIL GAUGE.....5
OIL SEAL.....5

P

PACKING.....13, 23
PILOT JET.....23

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

R

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

S

SCREEN CP.....10
SCREW.....15, 23
SCREW AND WASHER AY.....15
SEAL.....23
SELF LOCK NUT.....15
SPACER.....25
SPARK ARRESTER CP.....9
SPARK PLUG.....25
SPARK PLUG CAP.....25
SPEED CONT.BRKT CP.....15
SPEED CONT.LEVER CP.....15
SPIRAL SPRING.....19
SPRING.....23
SPRING (ADJUST).....15
SPRING RETAINER.....9
SPRING(TENTIONER).....9
STARTER KNOB.....19
STARTER PULLEY.....19
STARTER ROPE.....19
STEM SEAL.....5
STOP PLATE.....15
STUD.....5

T

TAPPING BOLT.....9
TAPPING SCREW.....10
TENTIONER AY.....9
THROTTLE SHAFT-A.....23
THROTTLE VALVE.....23
TIMING CHAIN CP.....9

U

UNION.....21

Part Description Index (continued)

V

VALVE GUIDE.....5
VALVE SPRING.....9

W

WASHER.....15
WING NUT.....13
WIRE 1 CP.....25
WOODRUFF KEY.....7

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