

PARTS MANUAL

MODEL
EX27
Engine

270D50216

06/16



SUBARU

Industrial Power Products

Subaru Industrial Power Products

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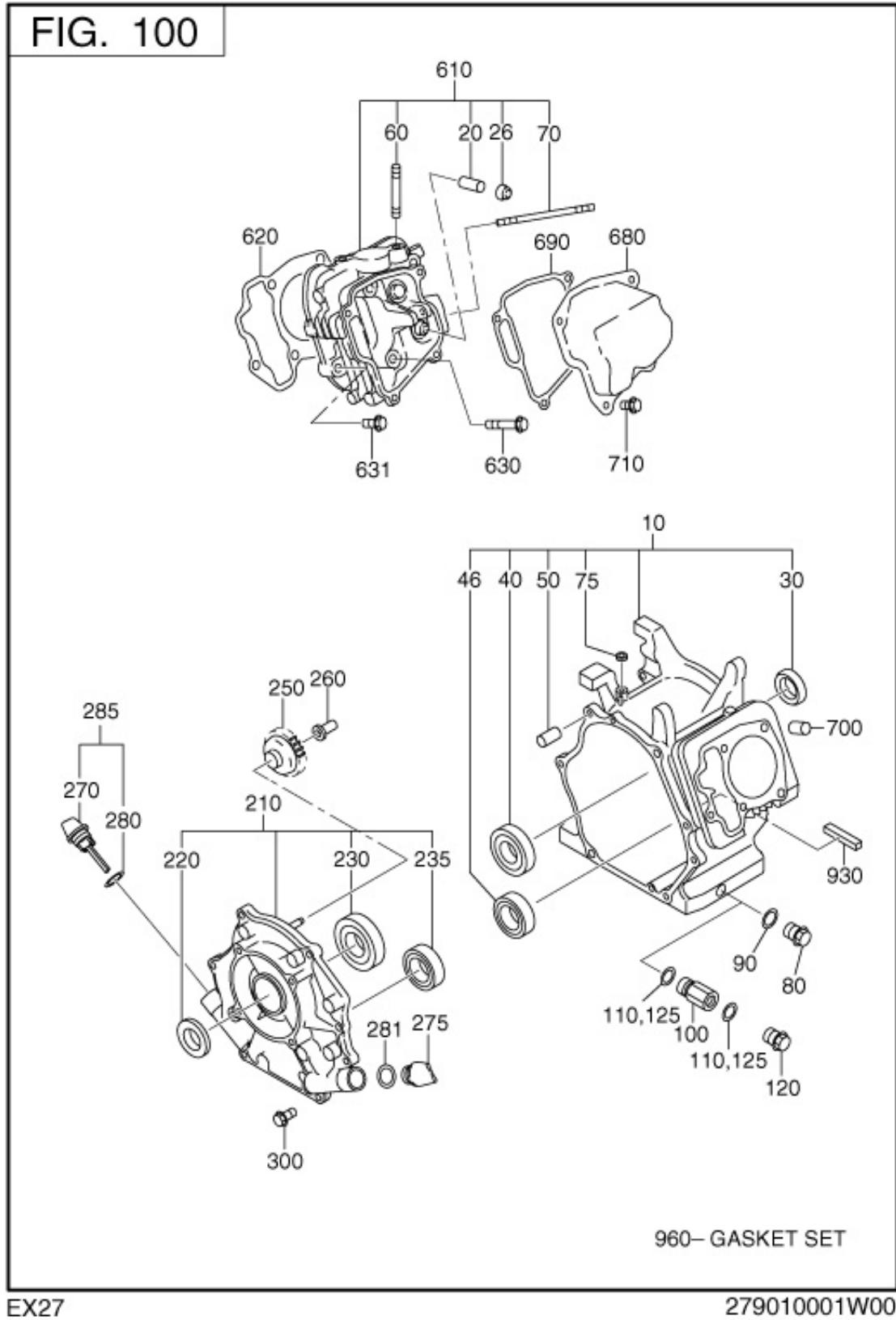
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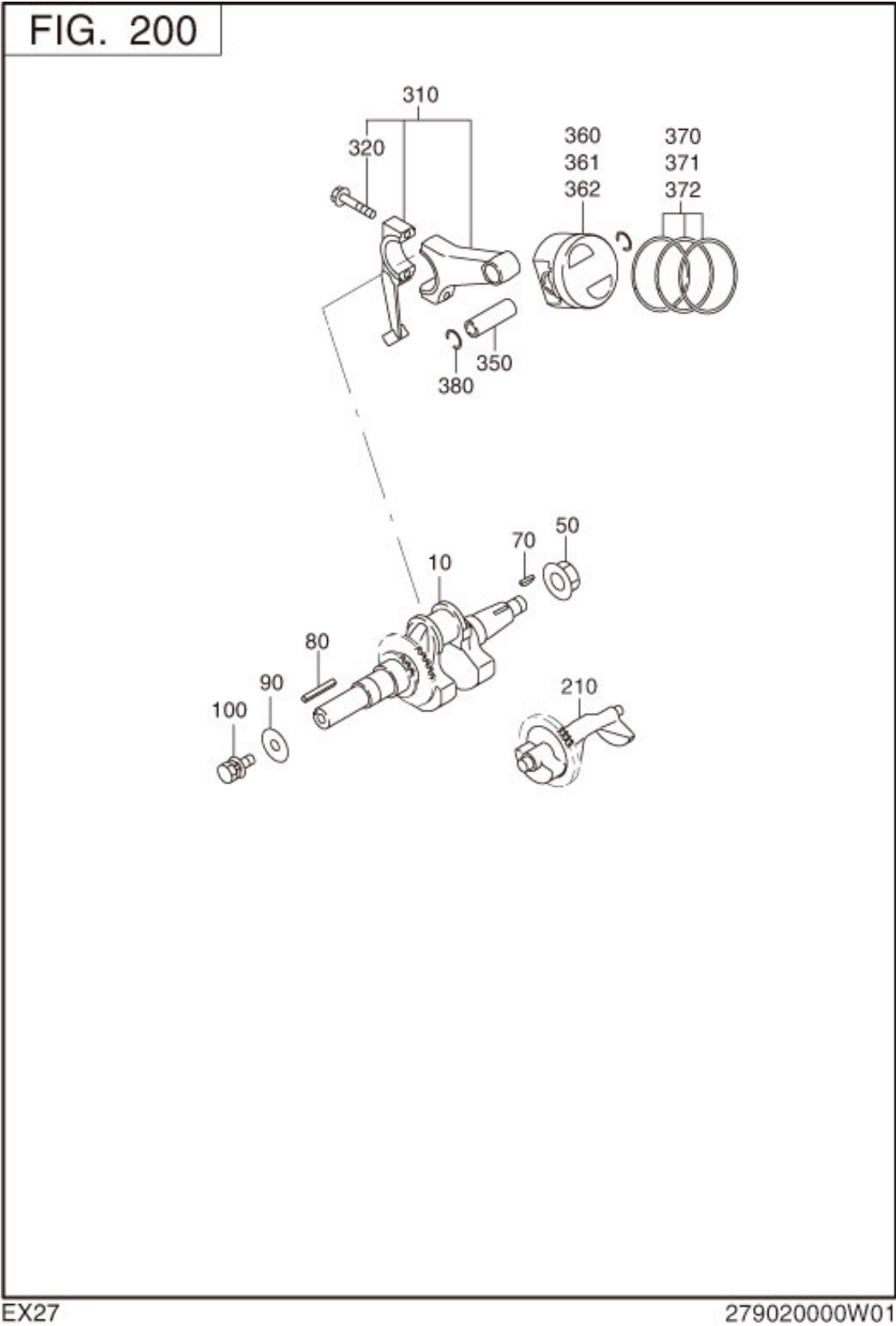
100 Crankcase



100 Crankcase

Ref	Part Number.	Description	Qty	Remark
10	279-10104-81	CRANKCASE CP	1	
20	237-14202-03	VALVE GUIDE	2	
26	277-16010-01	STEM SEAL	1	
30	044-03001-60	OIL SEAL	1	
40	060-03003-70	BALL BEARING	1	
46	X60-01500-11	BALL BEARING	1	
50	277-15011-03	PIPE KNOCK	2	
60	010-50802-50	STUD (M8X1.25X25)	2	
70	010-50604-10	STUD (M6X1X107)	2	
75	044-00600-20	OIL SEAL	1	
80	040-11400-30	PLUG	1	
90	021-11400-20	GASKET	1	
210	279-11004-31	MAIN BEARING COVER CP	1	
220	044-03001-60	OIL SEAL	1	
230	060-03003-70	BALL BEARING	1	
235	X60-01500-11	BALL BEARING	1	
250	277-45004-K1	GOVERNOR GEAR CP	1	
260	277-41902-03	GOVERNOR SLEEVE	1	
270	279-63601-13	OIL GAUGE	1	
280	021-32000-50	GASKET	1	
300	001-04083-50	FLANGE BOLT (M8X35)	7	
610	279-13001-21	CYLINDER HEAD CP	1	
620	279-15001-33	GASKET (HEAD)	1	
630	011-00802-40	FLANGE BOLT (M8X68)	4	
631	011-00803-10	FLANGE BOLT (M8X33)	1	
680	277-15503-01	ROCKER COVER CP	1	
690	277-16001-13	GASKET	1	
700	277-15011-03	PIPE KNOCK	2	
710	011-00600-20	FLANGE BOLT (M6X12)	4	
960	279-99001-27	GASKET SET	1	

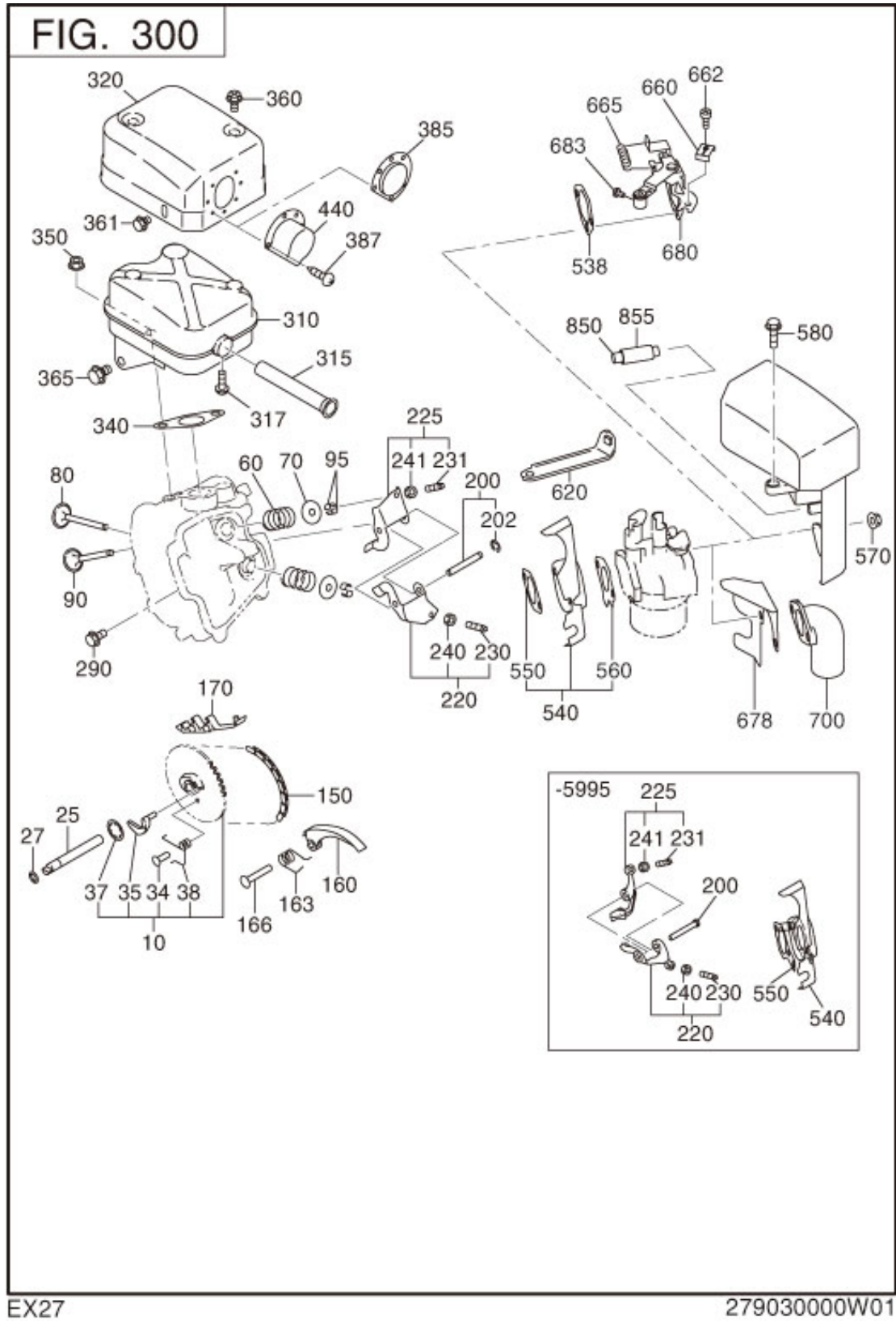
200 Crankshaft



200 Crankshaft

Ref	Part Number.	Description	Qty	Remark
10	279-20902-31	CRANKSHAFT CP	1	
50	018-01800-10	FLANGE NUT (M18)	1	
70	032-30300-10	WOODRUFF KEY (3X6X16)	1	
210	279-24101-14	BALANCER SHAFT	1	
310	279-22501-30	CONNECTING ROD ASSY	1	
320	279-23001-03	BOLT (M7X40)	2	
350	279-23301-13	PISTON PIN (18X13X53)	1	
360	279-23401-H3	PISTON	1	STANDARD
370	279-23511-17	PISTON RING SET	1	
380	056-51800-10	CLIP	2	

300 Intake & Exhaust



300 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
10	279-31601-41	CAMSHAFT CP	1	
25	277-35101-03	PIN(CAM SHAFT)	1	
27	024-00600-30	O-RING	1	
34	277-38601-03	SPRING PIN	1	
35	279-36401-13	RELEASE LEVER	1	
37	277-36501-03	CLIP	1	
38	277-38703-33	RETURN SPRING	1	
60	279-33601-03	VALVE SPRING	2	
70	269-33701-03	SPRING RETAINER	2	
80	279-33401-H3	INTAKE VALVE	1	
90	279-33501-H3	EXHAUST VALVE	1	
95	132-10KA0-31	VALVE COLLET	4	
150	279-35602-H1	TIMING CHAIN CP (100 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	277-35004-01	ROCKER PIN CP	1	
202	003-13050-00	CLIP	1	
220	277-36201-00	INTAKE ROCKER ARM ASSY	1	
225	277-36202-00	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	279-30101-L1	MUFFLER CP	1	
317	015-00400-60	TAPPING SCREW (M4X6)	1	
320	279-34201-31	MUFFLER COVER CP	1	
340	277-35201-13	EXHAUST GASKET	1	
350	002-38080-00	FLANGE NUT (M8)	2	
360	015-20600-90	TAPPING BOLT (M6X10)	2	
361	011-00600-10	FLANGE BOLT (M6X8)	1	
365	011-00803-20	FLANGE BOLT (M8X12)	1	
387	015-00400-60	TAPPING SCREW (M4X6)	2	
440	277-37001-J1	DEFLECTOR CP	1	
538	279-46701-03	GASKET(CHOKE)	1	
540	279-32902-J1	INSULATOR CP	1	
550	277-35903-J3	GASKET 2 (INSULATOR)	1	

300 Intake & Exhaust

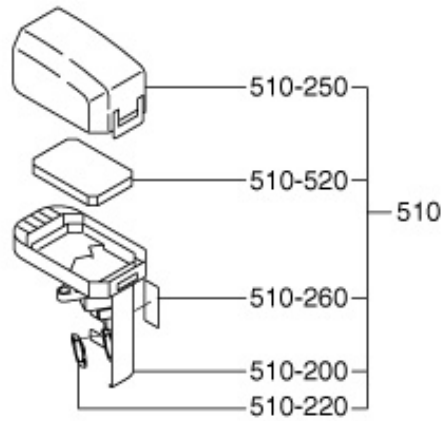
Ref	Part Number.	Description	Qty	Remark
560	279-35902-J3	INTAKE GASKET	1	
570	002-38060-00	FLANGE NUT (M6)	2	
580	001-04062-00	FLANGE BOLT (M6X20)	1	
660	235-43901-13	CLAMP	1	
662	013-50500-30	BOLT AND WASHER AY	1	
665	267-45101-03	RETURN SPRING	1	
680	279-46501-41	CHOKE BRACKET CP	1	
683	004-31040-80	SCREW	1	

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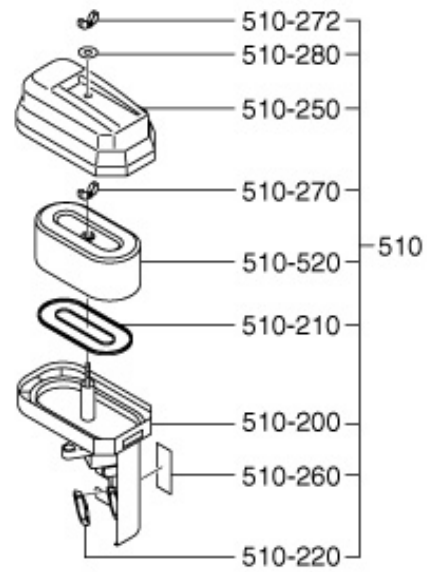
315 Intake & Exhaust

FIG. 315

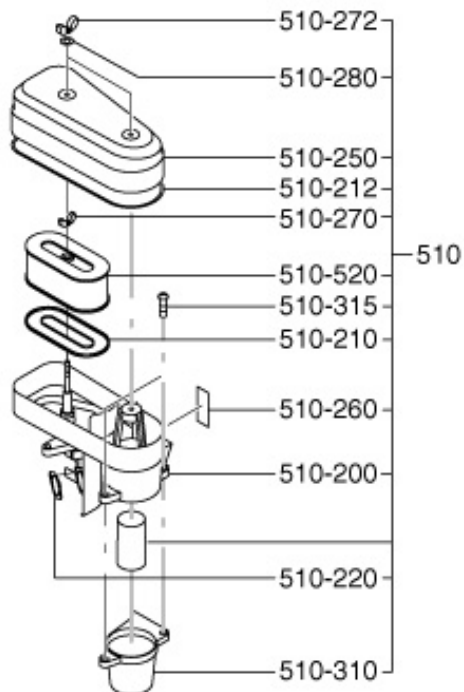
URETHANE FOAM



DUAL ELEMENT



PRE CLEANER



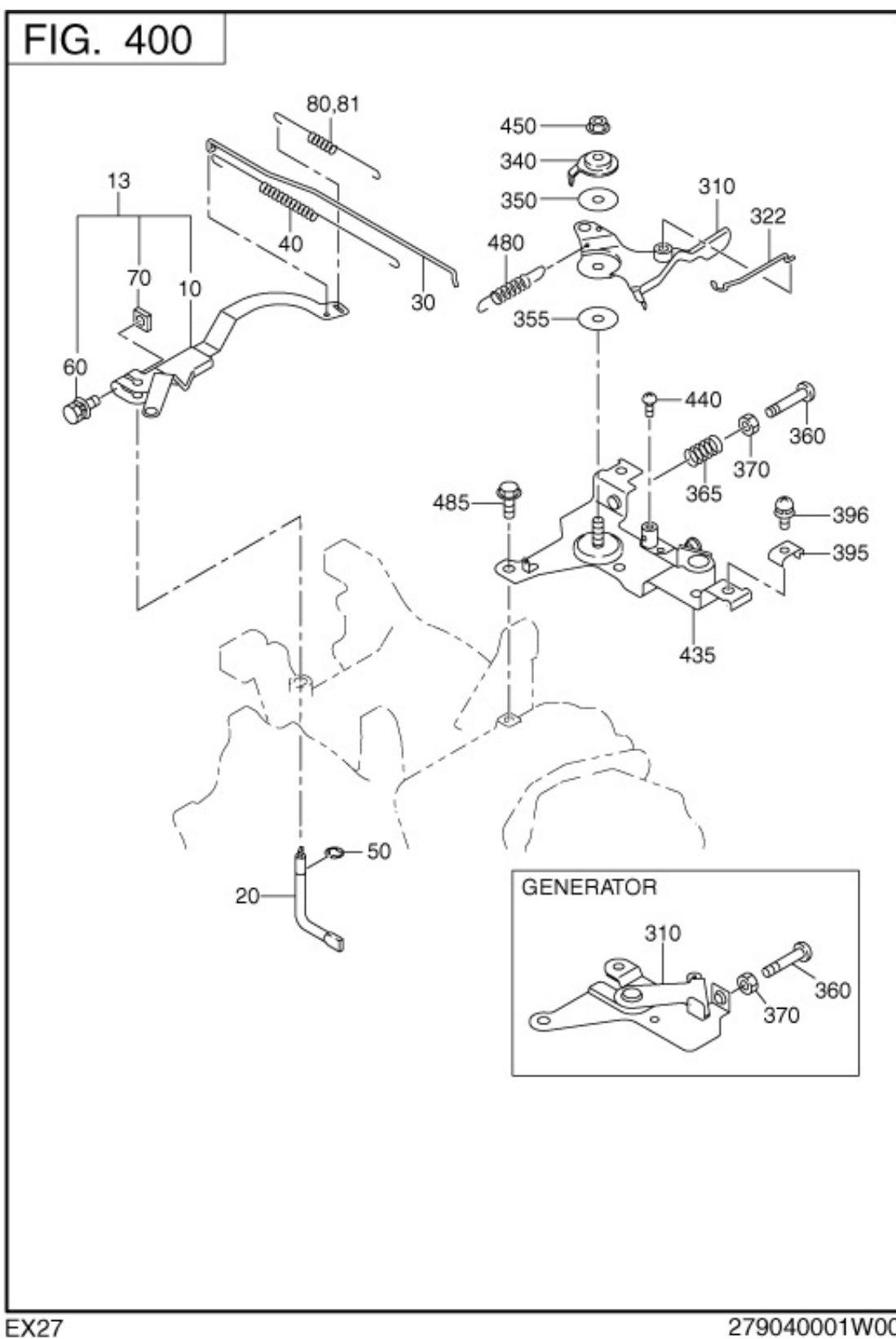
EX27

279031501W00

315 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
510	279-32650-08	GASKET	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Interchangeable with 279-32650-18.
510	279-32720-08	SEAL	1	
510	279-32634-28	ELBOW COMP,AIR/C	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.
510	279-32615-70	AIR CLEANER AY	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: DUAL.
510	279-32740-08	NUT	2	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.
510	279-32730-08	LABEL	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.
510	279-32607-07	ELEMENT SET	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: DUAL.
510	279-32643-18	COVER	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.

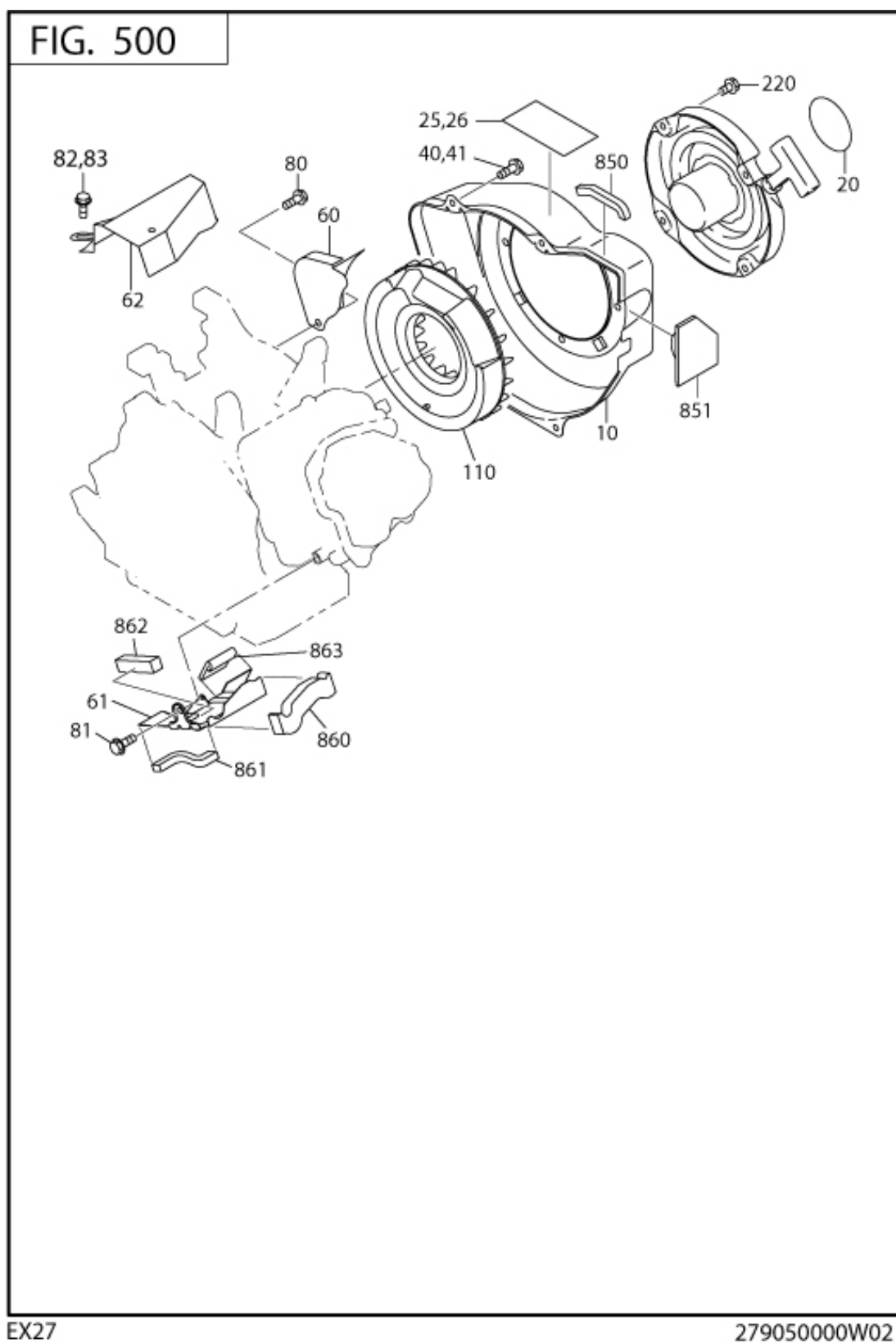
400 Governor



400 Governor

Ref	Part Number.	Description	Qty	Remark
10	279-42301-63	GOVERNOR LEVER	1	
20	277-42201-33	GOVERNOR SHAFT	1	
30	279-42701-11	GOVERNOR ROD CP	1	
40	277-42801-23	ROD SPRING	1	
50	003-13050-00	CLIP	1	
60	001-14062-50	BOLT & WASHER ASSY (M6X25)	1	
70	018-60600-20	SQUARE NUT (M6)	1	
80	279-42502-73	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	004-31062-50	SCREW (M6X25)	1	
365	237-45004-23	ADJUST SPRING	1	
395	277-43902-03	CLAMP	1	
396	013-10500-30	SCREW AND WASHER AY	1	
435	277-46007-01	SPEED CONTROL BRKT.	1	
440	004-31040-80	SCREW	1	
450	002-35060-00	LOCKNUT (M6)	1	
480	277-45103-03	RETURN SPRING	1	
485	011-00600-20	FLANGE BOLT (M6X12)	2	

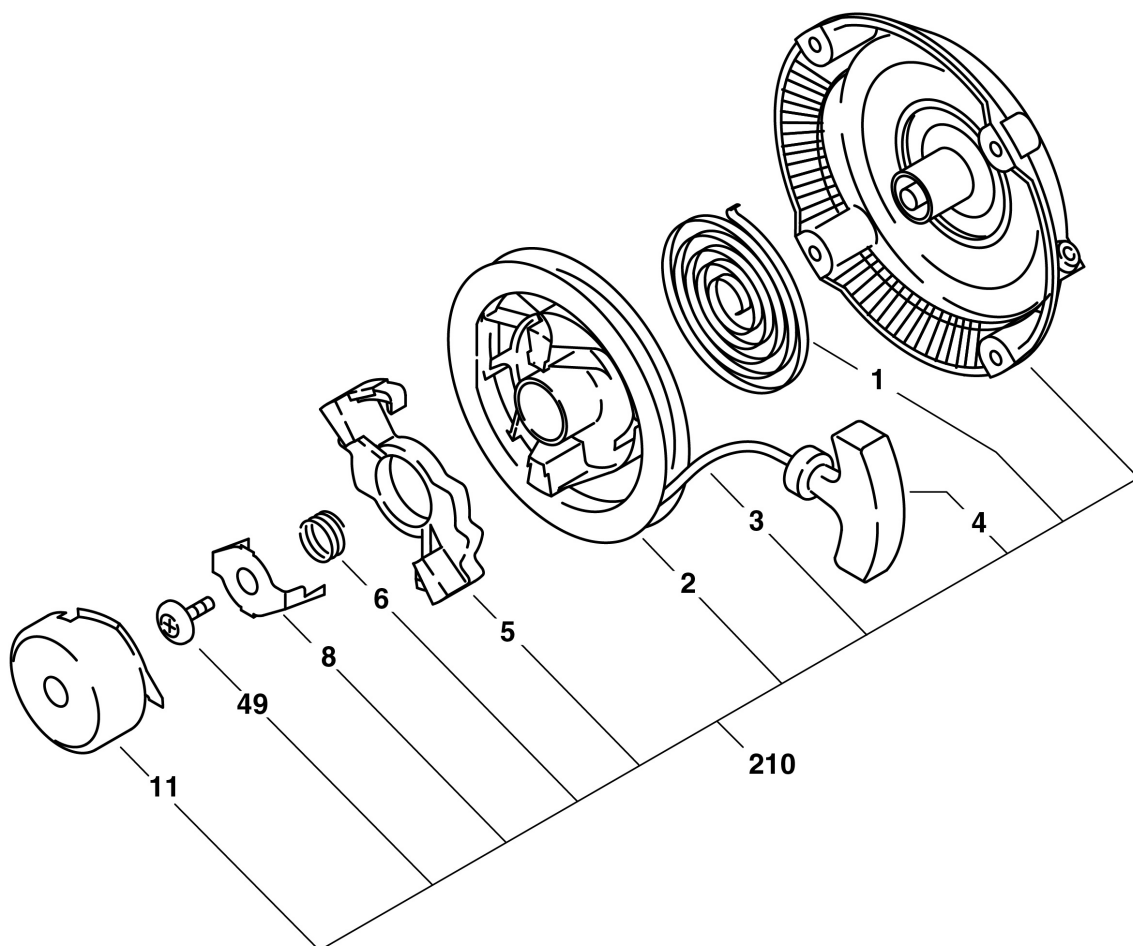
500 Cooling & Starting



500 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
10	279-51202-01	BLOWER HOUSING CP (BLACK)	1	
20	279-91702-13	LABEL (WACKER)	1	
40	011-00600-30	FLANGE BOLT (M6X14)	4	
60	279-52711-11	CASE BAFFLE 1 CP	1	
61	279-52702-13	HEAD BAFFLE 2	1	
81	011-00600-20	FLANGE BOLT (M6X12)	1	
220	013-00602-81	BOLT & WASHER ASSY (M6X14)	4	

520 Recoil Starter



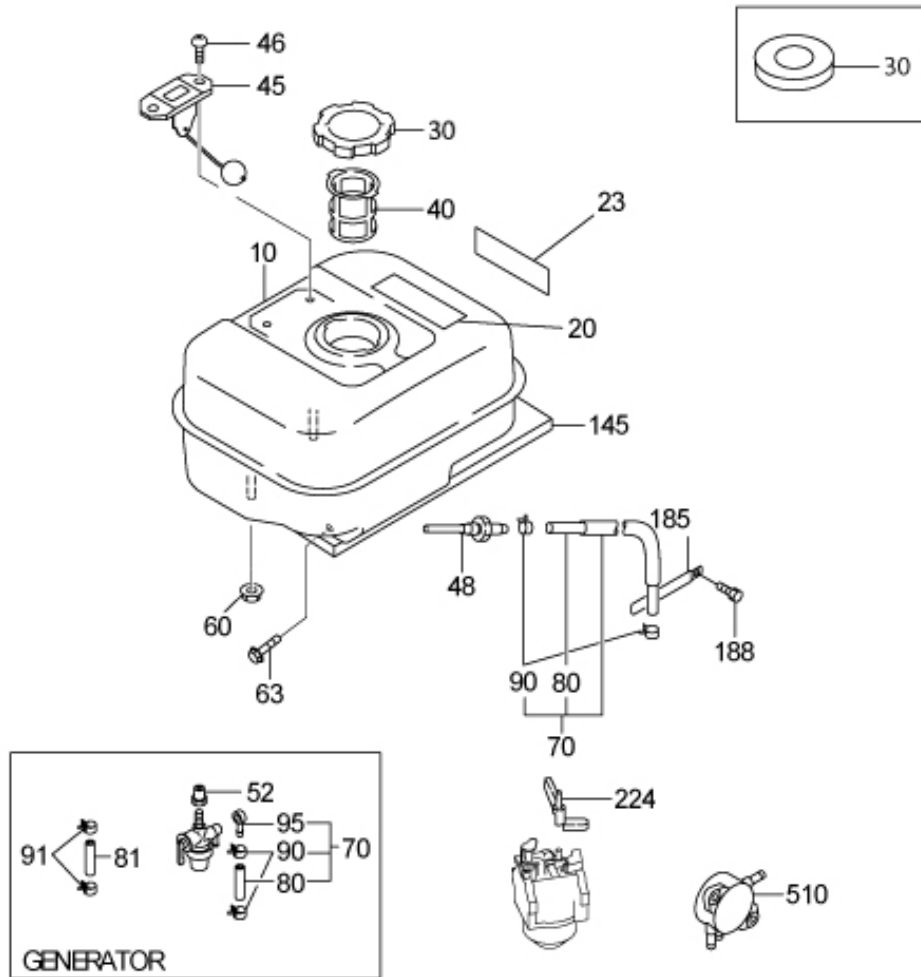
0520 0002 000

520 Recoil Starter

Ref	Part Number.	Description	Qty	Remark
210	279-50301-30	RECOIL STARTER AY	1	
1	226-50716-08	SPIRAL SPRING	1	
2	277-50121-08	REEL	1	
3	279-50110-08	STARTER ROPE	1	
4	277-50409-18	STARTER HANDLE	1	
5	281-50325-08	RATCHET	2	
6	281-50330-08	FRICTION SPRING	1	
8	281-50340-08	FRICTION PLATE	1	
11	279-50148-08	STARTER PULLEY	1	
49	281-50351-08	CENTER SCREW	1	

600 Fuel & Lubricant

FIG. 600



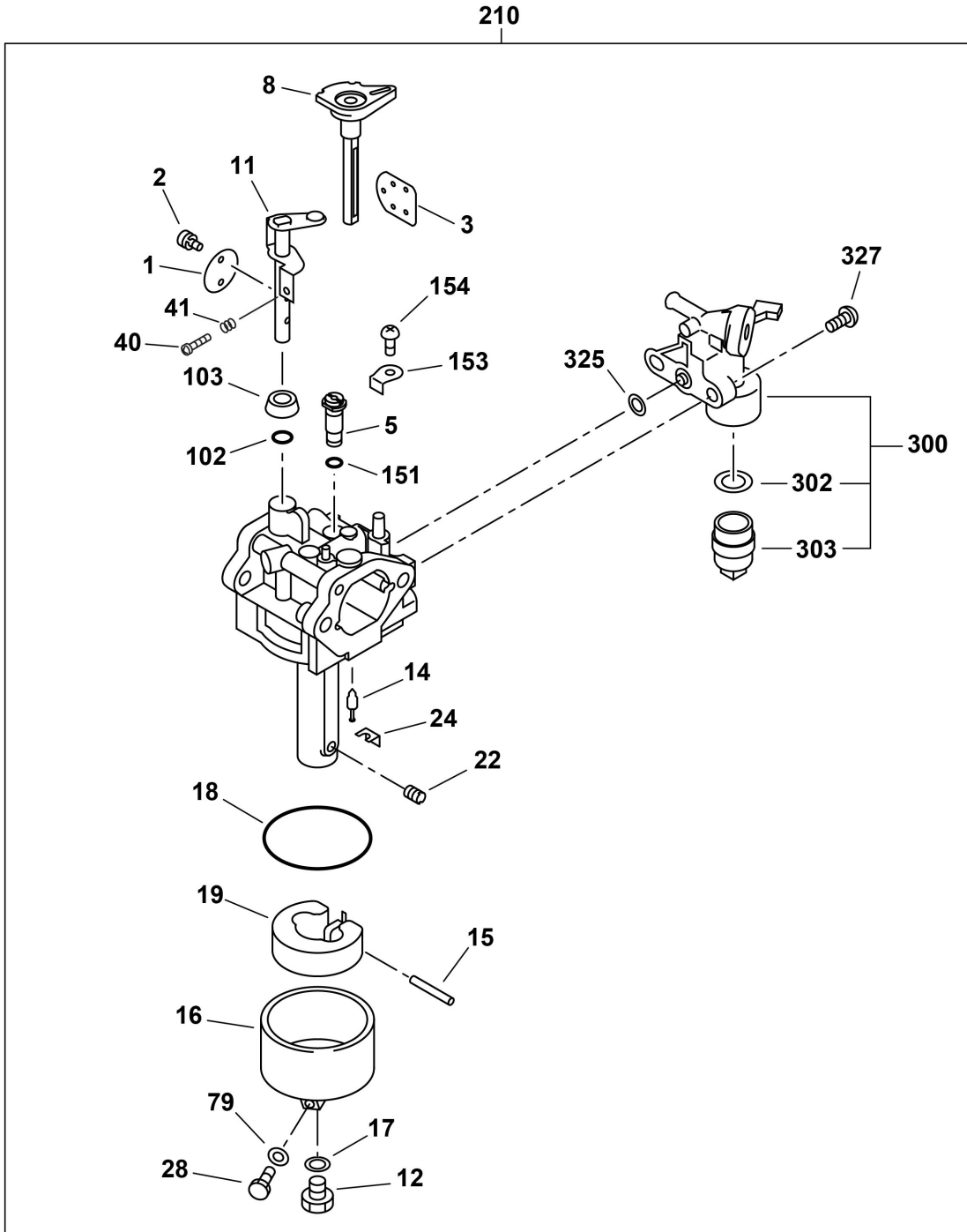
EX27

279060000W03

600 Fuel & Lubricant

Ref	Part Number.	Description	Qty	Remark
10	279-60102-11	FUEL TANK CP (BLACK)	1	6.1 LITRE
30	X43-04401-62	FUEL TANK CAP CP	1	43DX68DX14H BLACK
40	X64-13600-10	FUEL FILTER	1	
48	050-51200-20	UNION	1	M12X4DX78L W/FILTER
60	002-38080-00	FLANGE NUT (M8)	2	
63	011-00802-50	FLANGE BOLT (M8X25)	2	
70	EX2-70R03-12	FUEL PIPE CP	1	
80	22E-08101-00	RUBBER PIPE	1	
85	279-64502-H1	GLASS TUBE	1	
90	056-11100-50	HOSE CLAMP	2	
224	277-43801-01	CHOKE LEVER CP	1	

640 Carburetor



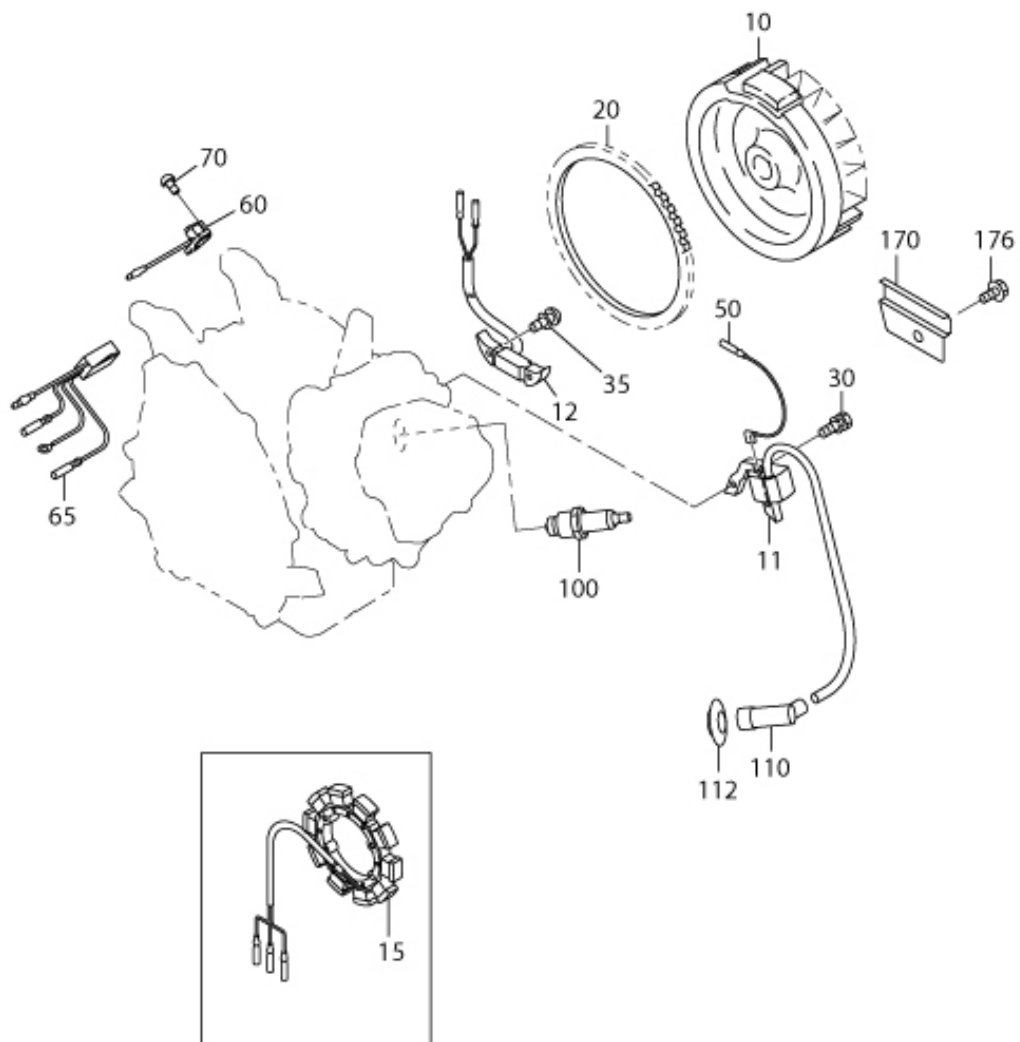
0640 0005 000

640 Carburetor

Ref	Part Number.	Description	Qty	Remark
210	279-62362-20	CARBURETOR AY	1	
1	279-62536-08	THROTTLE VALVE	1	
2	209-62351-08	SCREW	1	
3	279-62527-08	CHOKE VALVE	1	
5	279-62421-08	PILOT JET (#40)	1	
8	279-62522-08	CHOKE LEVER	1	
11	279-62533-08	THROTTLE SHAFT ASSY	1	
12	150-62358-08	BOLT	1	
14	224-62305-08	NEEDLE VALVE	1	
15	214-62515-08	PIN	1	
16	279-62506-08	FLOAT BODY ASSY	1	
17	207-62345-08	INSERT WASHER	1	
18	206-62540-08	PACKING	1	
19	234-62506-08	FLOAT ASSY	1	
22	279-62407-08	MAIN JET (#90)	1	
24	226-62701-18	CLIP	1	
28	279-62361-08	BOLT	1	
40	106-62556-08	SCREW	1	
41	283-62357-08	SPRING	1	
79	279-62541-08	WASHER	1	
102	246-62390-08	SEAL	1	
103	279-62551-08	RING	1	
151	106-62384-08	O-RING	1	
153	279-62360-08	PLATE	1	
154	279-62351-08	SCREW	1	
300	279-62103-20	COCK BODY ASSY	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



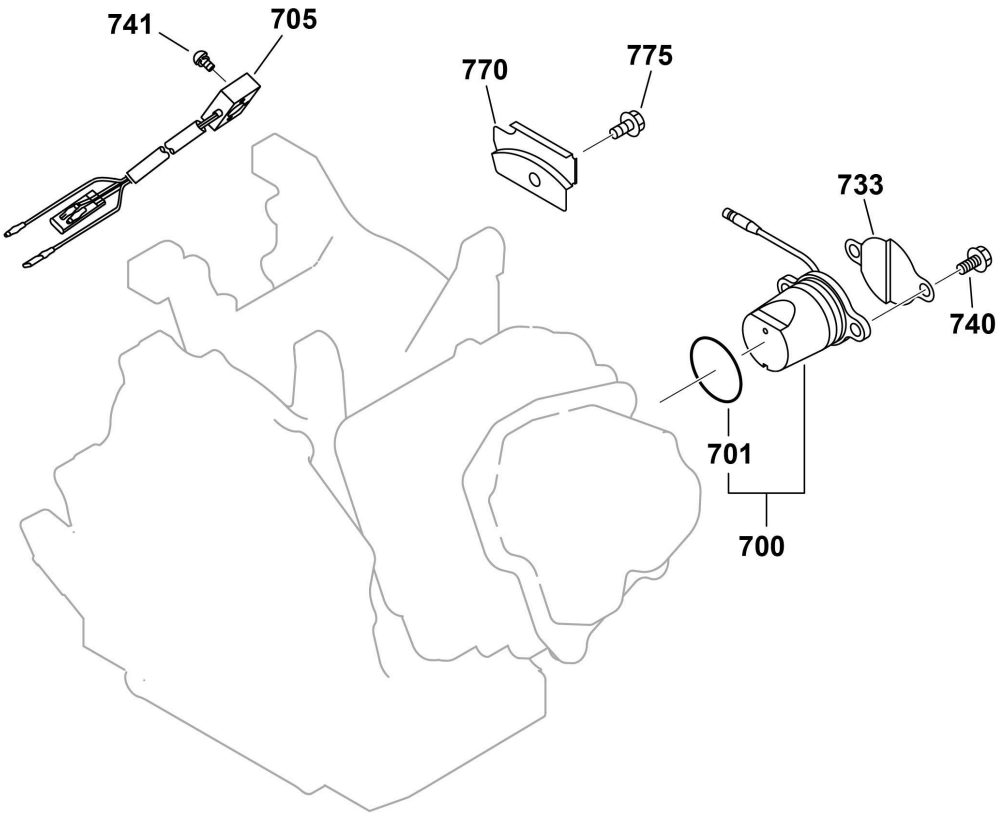
EX27

279070000W03

700 Electric Device

Ref	Part Number.	Description	Qty	Remark
10	279-79230-21	FLYWHEEL CP	1	Start Code: 7061. Start Date: 5/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.
11	279-79430-11	IGNITION COIL CP	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: MARK AB.
30	001-14062-50	BOLT & WASHER ASSY (M6X25)	2	
50	277-73115-01	WIRE 2 CP	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: L=360 BLACK.
60	X66-00004-20	SWITCH AY	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.
70	015-00400-90	TAPPING SCREW (M4X12)	2	
100	X65-01430-50	SPARK PLUG	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: NGK BR6HS.
110	X65-50002-70	SPARK PLUG CAP	1	Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.

770 Electric Device



0770 0006 000

770 Electric Device

Ref	Part Number.	Description	Qty	Remark
700	279-76301-61	OIL SENSOR CP	1	
701	277-76350-08	O-RING	1	
705	KU3-11043-21	FLOAT C/U CP3	1	
740	001-04061-40	FLANGE BOLT	2	
741	011-00600-10	FLANGE BOLT (M6X8)	1	
770	279-75501-23	WIRE CLAMP	1	
775	015-20600-50	TAPPING BOLT	1	

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