

PARTS MANUAL

MODEL
EX30
Engine

EX300SE5212

06/16



SUBARU

Industrial Power Products

Subaru Industrial Power Products

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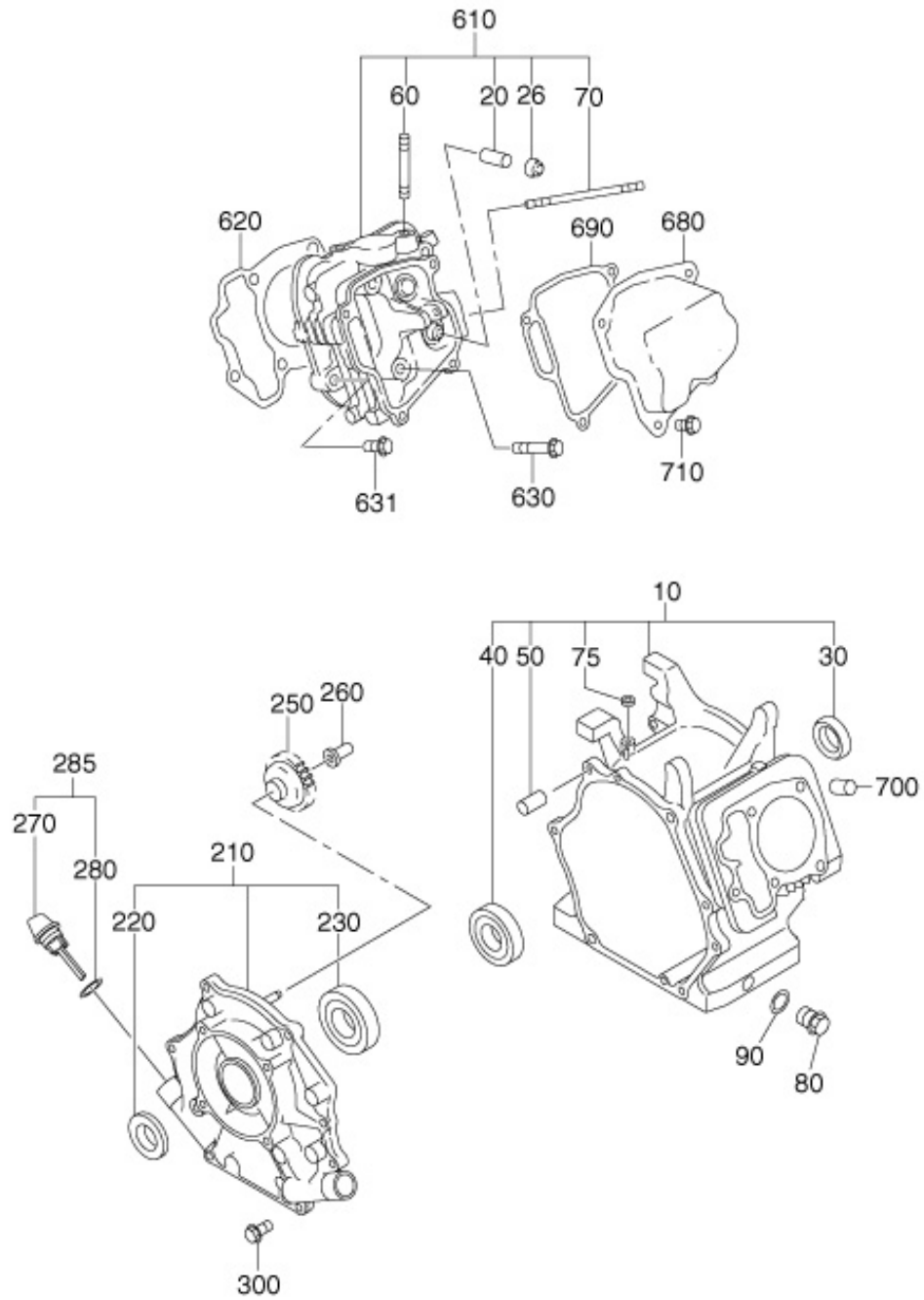
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100 Crankcase

FIG. 100



960- GASKET SET

EX30

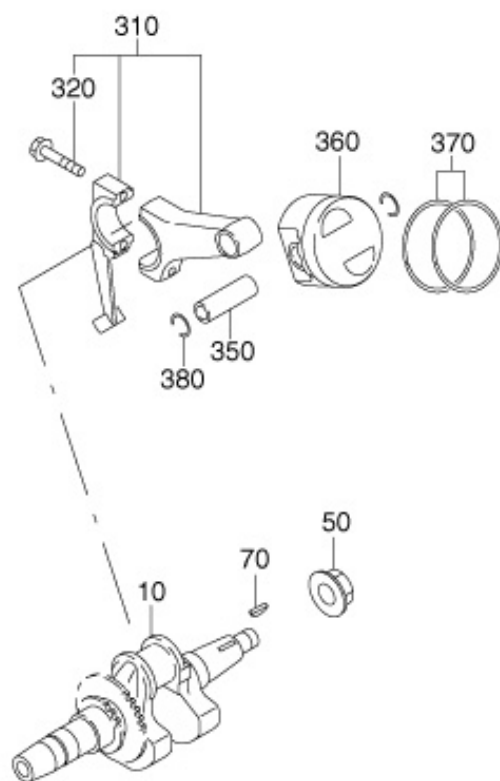
291010001W00

100 Crankcase

Ref	Part Number.	Description	Qty	Remark
10	291-10102-61	CRANKCASE CP	1	Start Code: 6951.
20	237-14202-03	VALVE GUIDE	2	Remarks: 5.5DX9.5DX27L.
26	277-16010-01	STEM SEAL	1	Remarks: 5.5DX9.5DX15DX7.8B.
30	044-03001-60	OIL SEAL	1	Remarks: 30DX45DX7B.
40	060-03003-70	BALL BEARING	1	Remarks: 30DX62DX16B.
50	277-15011-03	PIPE KNOCK	2	Remarks: 10.3DX8.5DX14L.
60	010-50802-90	STUD	2	Remarks: M8X1.25X30L.
70	010-50604-10	STUD (M6X1X107)	2	
75	044-00600-20	OIL SEAL	1	Remarks: 6DX10DX2.5B.
80	040-11400-30	PLUG	2	Remarks: M14X1.5X20DX12L.
90	021-11400-20	GASKET	2	Remarks: 14.1DX19DX2.3T.
210	279-11002-21	MAIN BEARING COVER C	1	Remarks: FLANGE 4-5/16-24UNF.
220	044-03001-60	OIL SEAL	1	Remarks: 30DX45DX7B.
230	060-03003-70	BALL BEARING	1	Remarks: 30DX62DX16B.
250	277-45004-K1	GOVERNOR GEAR CP	1	Remarks: 53DX29.1T N=33.
260	277-41902-03	GOVERNOR SLEEVE	1	Remarks: 6DX7.6DX16DX26L.
270	279-63601-23	OIL GAUGE	2	Start Code: 7110. Remarks: M22X1.5 L=67.5+18.
280	021-32000-50	GASKET	2	Remarks: 20DX27DX1.5T RUBBER.
300	001-04083-50	FLANGE BOLT (M8X35)	7	
610	279-13002-31	CYLINDER HEAD CP	1	
620	291-15001-03	GASKET (HEAD)	1	Remarks: T=0.2.
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	Remarks: 10.3DX8.5DX14L.
710	011-00600-20	FLANGE BOLT (M6X12)	4	
960	279-99001-27	GASKET SET	1	

200 Crankshaft

FIG. 200



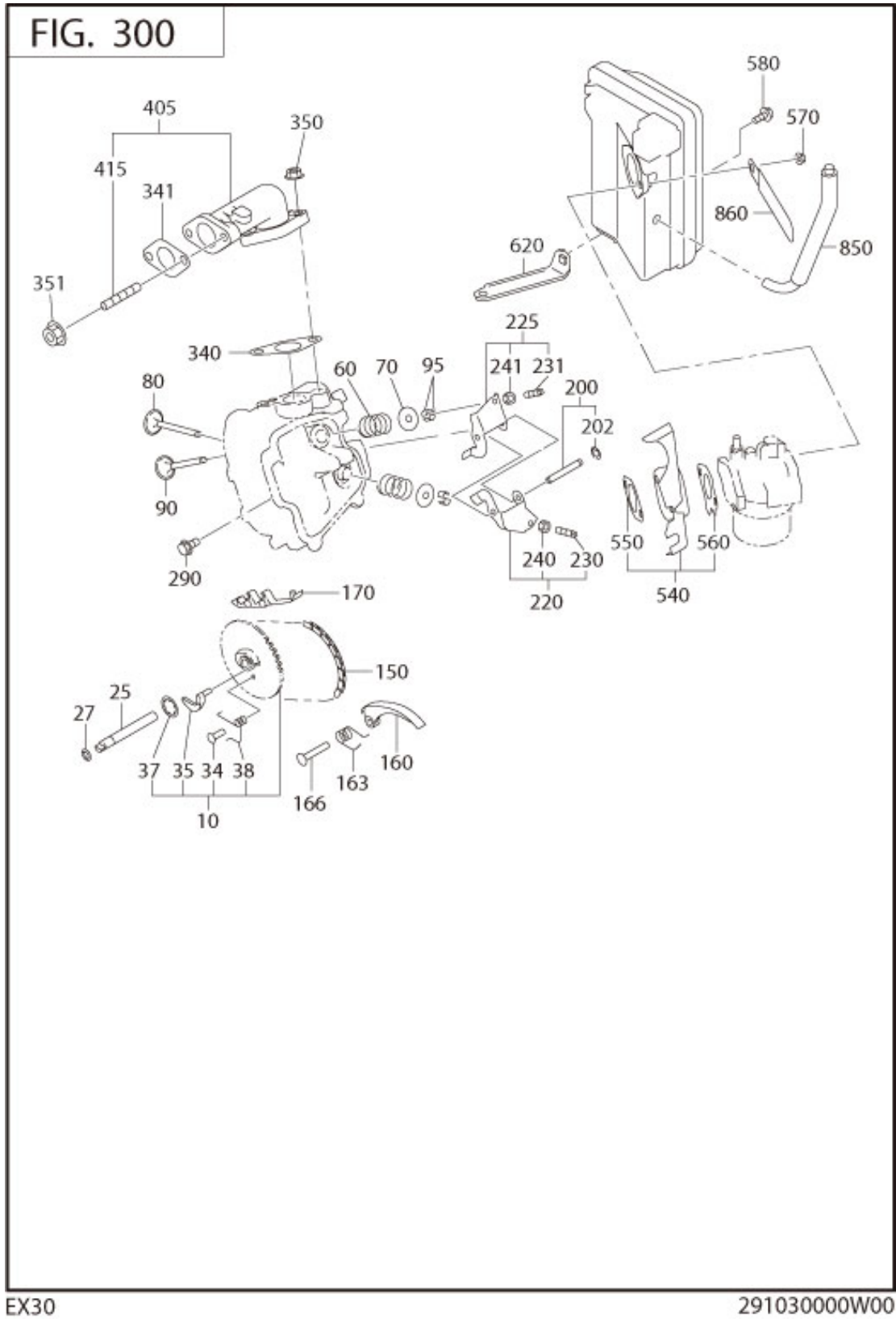
EX30

291020001W00

200 Crankshaft

Ref	Part Number.	Description	Qty	Remark
10	291-21201-11	CRANKSHAFT CP	1	Remarks: L=342 22.1DX1/5.3TAP.
50	018-01800-10	FLANGE NUT (M18)	1	
70	032-30300-10	WOODRUFF KEY (3X6X16)	1	
310	291-22501-00	CONNECTING ROD AY	1	Remarks: 104.5CDX26B 34.5D-18.
320	279-23001-03	BOLT (M7X40)	2	
350	279-23301-13	PISTON PIN (18X13X53)	1	
360	291-23401-H3	PISTON	1	Remarks: STD (75DX38.5H).
370	291-23501-07	PISTON RING SET	1	Remarks: STD (75D).
380	056-51800-10	CLIP	2	Remarks: 18.9DX1.6D.

300 Intake & Exhaust



300 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
10	279-31602-31	CAM SHAFT CP	1	Remarks: 93DX2.9B N=44.
25	277-35101-03	PIN(CAM SHAFT)	1	Remarks: 9DX78.5L.
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	Remarks: 13.8DX20.3DX0.4T.
38	277-38703-13	RETURN SPRING	1	Remarks: 5.3DX0.6DX5.5L N=5.7.
60	279-33601-03	VALVE SPRING	2	Remarks: 19.2DX2.3DX27.4L.
70	269-33701-03	SPRING RETAINER	2	
80	279-33401-H3	INTAKE VALVE	1	Remarks: 28.5DX5.5DX67.8L.
90	279-33501-H3	EXHAUST VALVE	1	Remarks: 26.5DX5.5DX67.8L.
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	Remarks: 6DX13DX34L.
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	011-00600-20	FLANGE BOLT (M6X12)	1	
340	277-35201-13	EXHAUST GASKET	1	
341	277-35201-01	GASKET CP(EXHAUST)	1	Remarks: T=1.6 28D 8.5DX52P.
350	002-38080-00	FLANGE NUT (M8)	2	
351	002-38080-00	FLANGE NUT (M8)	2	
405	277-34001-01	EXHAUST PIPE CP	1	
415	010-50802-90	STUD	2	Remarks: M8X1.25X30L.
540	279-32902-J1	INSULATOR CP	1	Remarks: W/GASKET.
550	279-35903-J3	INTAKE GASKET	1	
560	279-35902-J3	INTAKE GASKET	1	
570	002-38060-00	FLANGE NUT (M6)	2	
580	011-00600-50	FLANGE BOLT	1	Remarks: M6X1.0X13DX20L.
620	279-39001-01	BRACKET(A/C) CP	1	
850	291-66001-00	RUBBER PIPE AY	1	

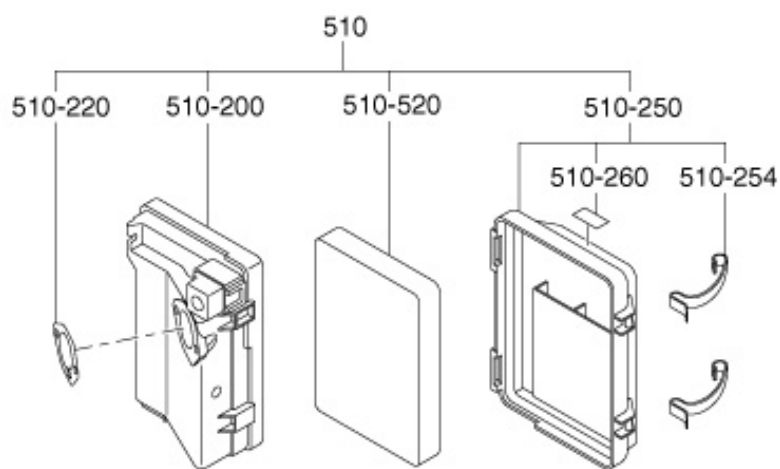
300 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
860	056-60002-50	CLAMP	1	Remarks: 6.5DX10BX95LX0.6T.

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317 Intake & Exhaust

FIG. 317



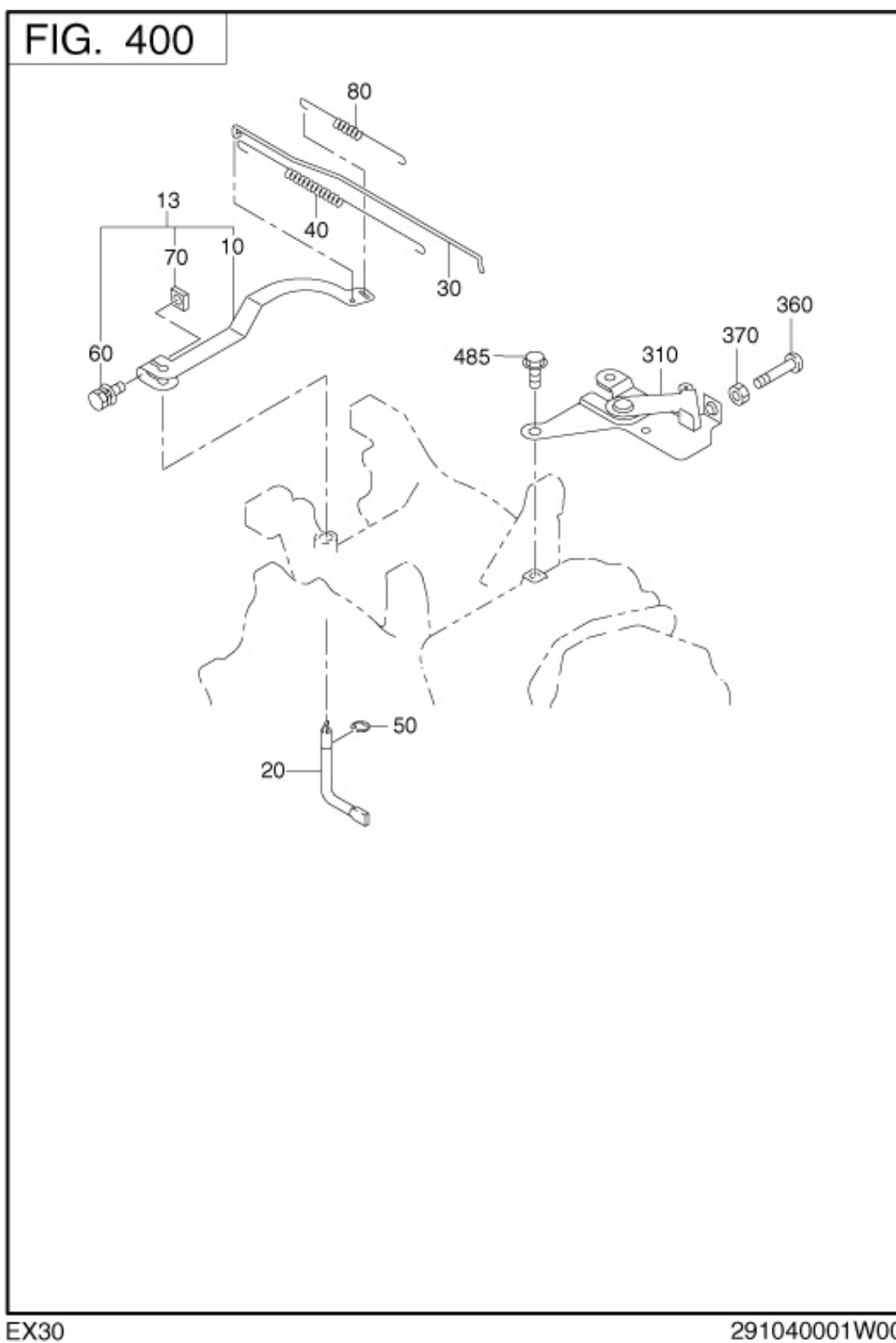
EX30

291031701W00

317 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
520	279-32612-08	ELEMENT	1	Remarks: GENERATOR.
254	279-32683-08	CLIP 4	2	
250	279-32646-08	COVER COMP	1	
220	279-32650-18	GASKET	1	Start Code: 7075.
200	279-32637-28	CLEANER BODY COMP	1	Start Code: 7075.
510	279-32674-00	AIR CLEANER AY	1	Start Code: 7075. Remarks: GENERATOR.
260	073-20044-30	LABEL(CHOKE)	1	Remarks: 14X28 ILLUST.

400 Governor

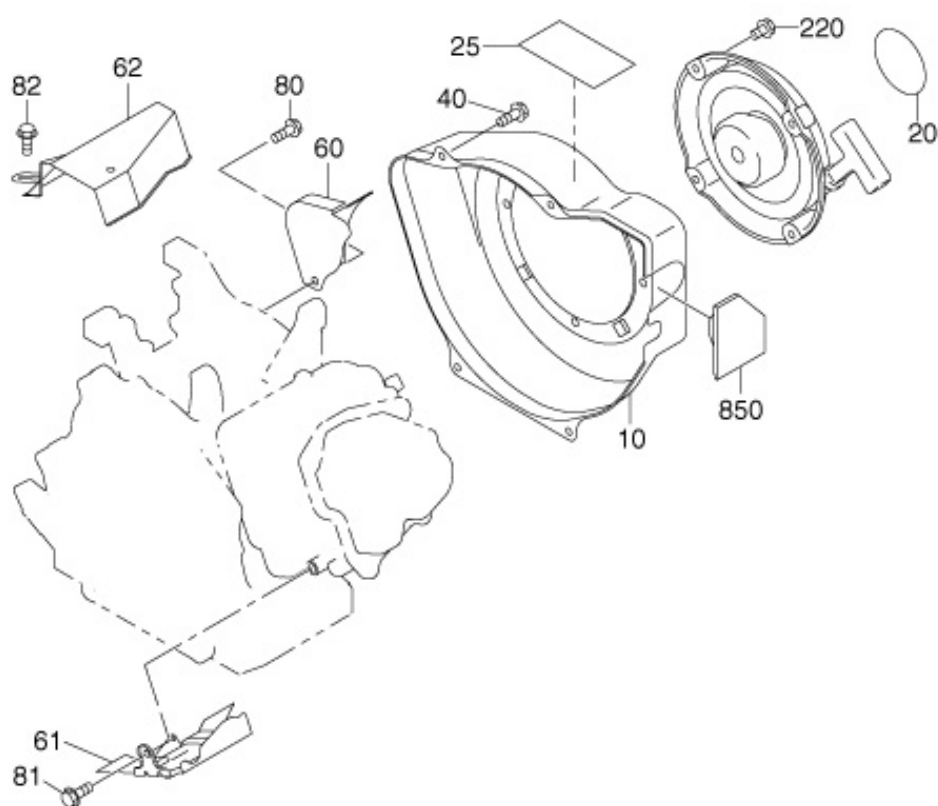


400 Governor

Ref	Part Number.	Description	Qty	Remark
10	279-42301-53	GOVERNOR LEVER	1	Start Code: 6998.
20	277-42201-33	GOVERNOR SHAFT	1	
30	279-42701-23	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	Remarks: 7.5DX0.7DX115L N=19.
310	277-46501-11	SPEED CONTROL CP	1	
360	004-31064-00	SCREW,PANHEAD	1	Remarks: M6X1.0X40L.
370	002-17060-00	NUT	1	Remarks: M6X1.0X5H.
485	011-00600-20	FLANGE BOLT (M6X12)	2	

500 Cooling & Starting

FIG. 500



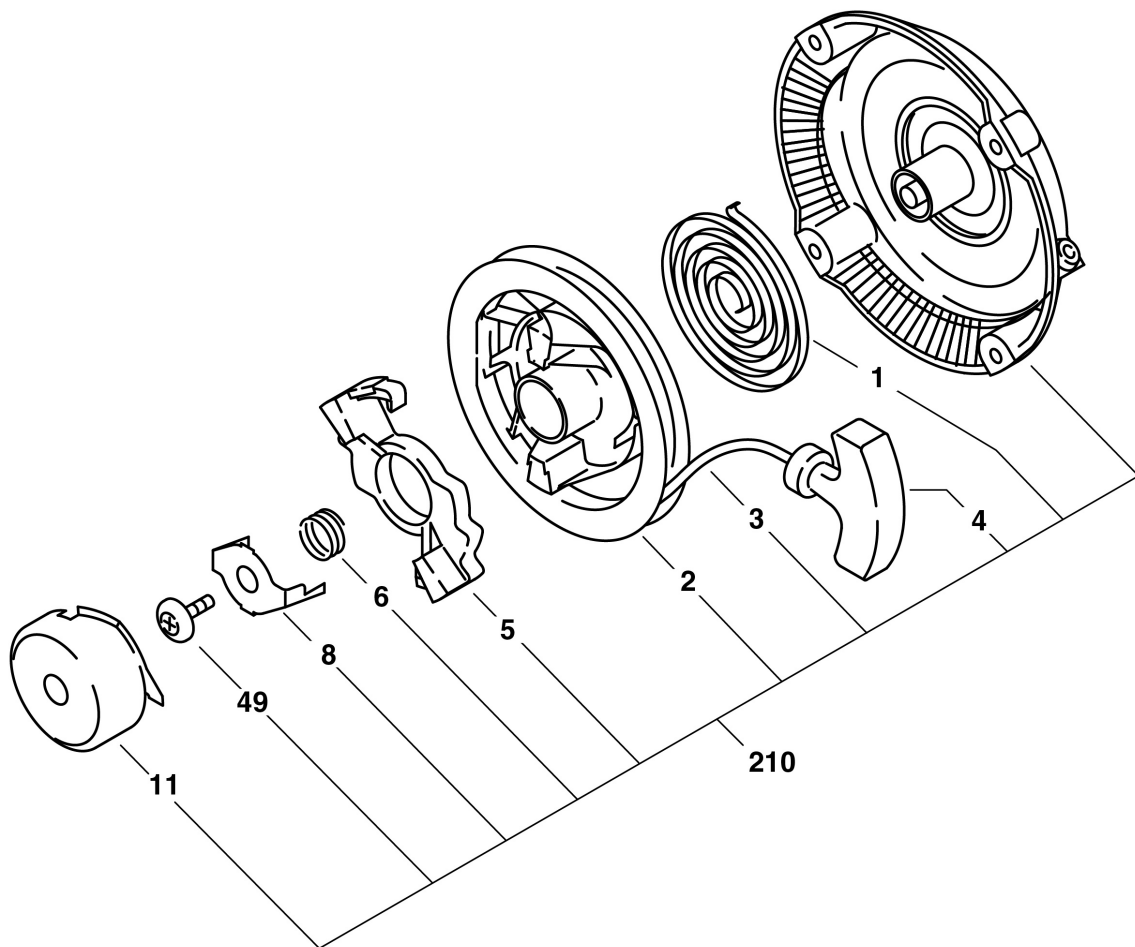
EX30

291050001W00

500 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
10	279-51242-11	BLOWER HOUSING CP	1	Remarks: MIGHTY RED.
20	073-20054-70	LABEL(TRADE MARK)	1	Remarks: 60D.
25	073-20051-81	LABEL(WARNING)	1	Remarks: 42X104 ENGLISH.
40	011-00600-30	FLANGE BOLT (M6X14)	4	
61	279-52702-13	HEAD BAFFLE 2	1	
62	277-55002-03	DUCT (CASE) CP	1	Start Code: 7026.
81	011-00600-20	FLANGE BOLT (M6X12)	1	
82	011-00600-20	FLANGE BOLT (M6X12)	3	
220	013-00602-80	BOLT AND WASHER AY	4	Remarks: M6X1.0X14L W/SW.
850	279-59604-13	SPONGE 4	1	Remarks: 90X70X5T.

520 Recoil Starter

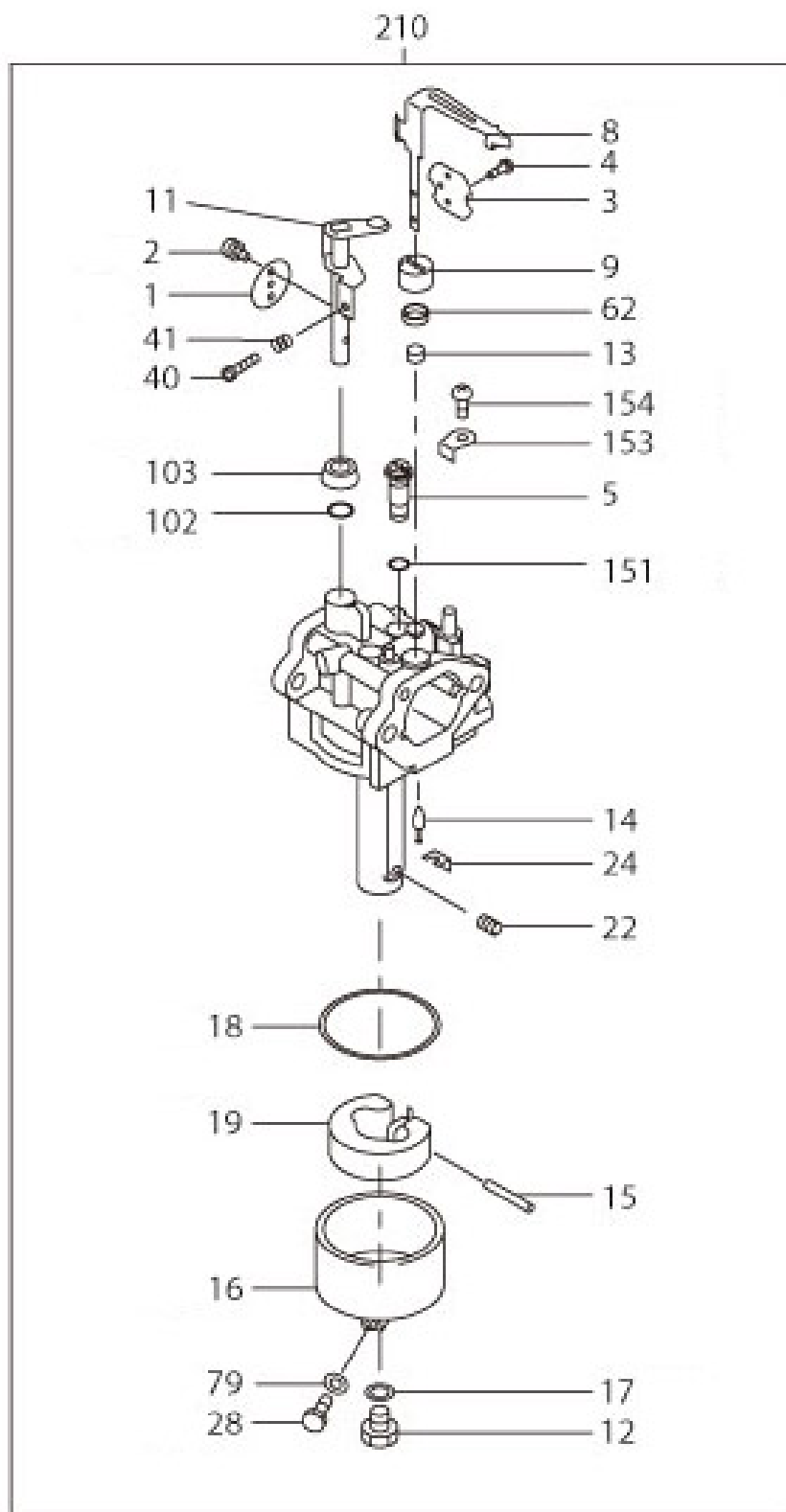


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520 Recoil Starter

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	

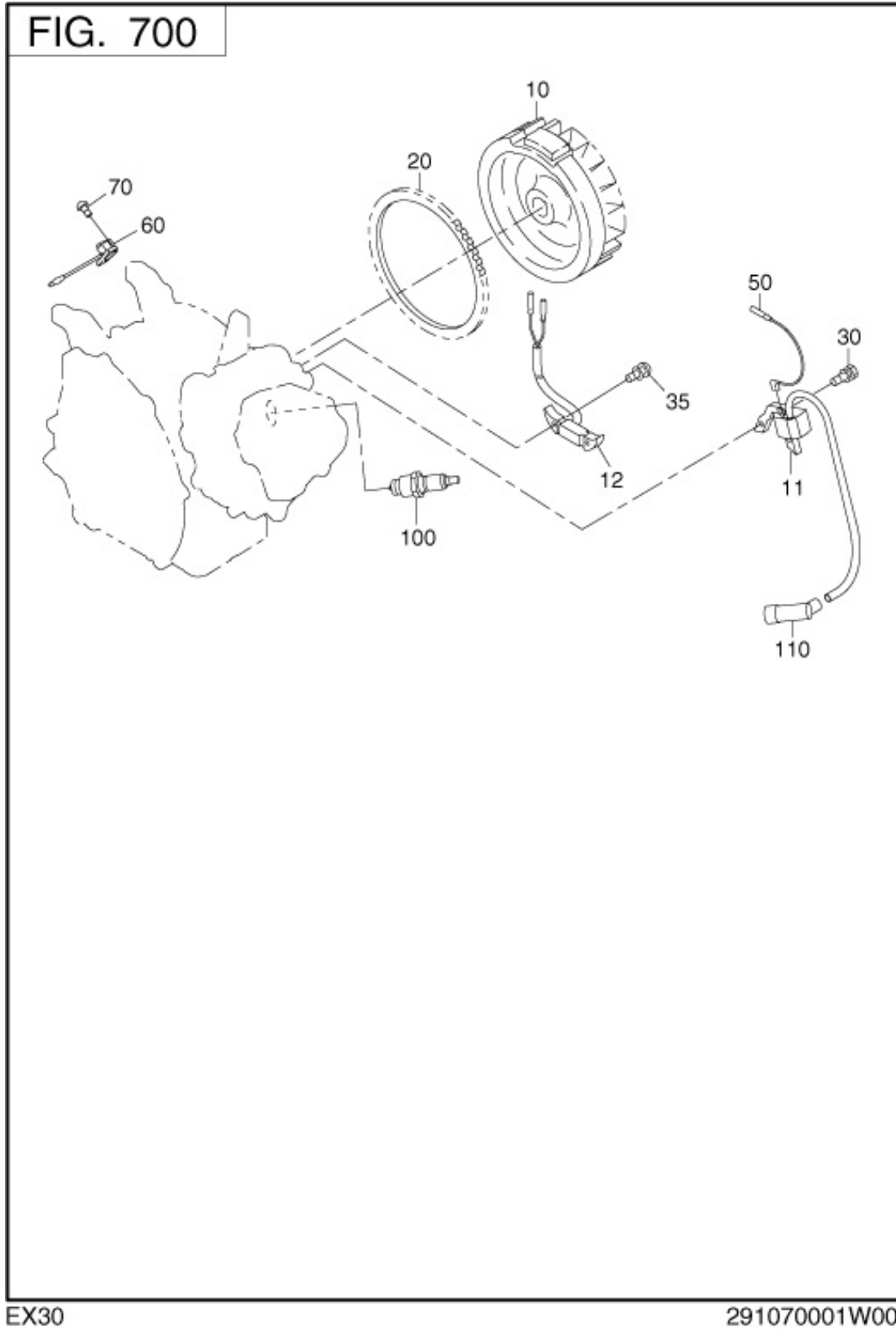
640 Carburetor



640 Carburetor

Ref	Part Number.	Description	Qty	Remark
210	279-62364-20	CARBURETOR AY	1	
1	279-62536-08	THROTTLE VALVE	1	
2	209-62351-08	SCREW	1	
3	279-62528-08	CHOKE VALVE	1	
4	237-62451-08	SCREW	2	
5	279-62422-08	PILOT JET	1	
8	279-62523-08	CHOKE LEVER	1	
9	279-62554-08	RING	1	
11	279-62533-08	THROTTLE SHAFT-A	1	
12	150-62358-08	BOLT	1	
13	277-62571-08	RING	1	
14	224-62305-08	NEEDLE VALVE	1	
15	214-62515-08	PIN	1	
16	279-62506-08	FLOAT BODY-A	1	
17	207-62345-08	INSERT WASHER	1	
18	206-62540-08	PACKING	1	
19	234-62506-08	FLOAT-A	1	
22	279-62408-08	MAIN JET	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	
62	236-62680-08	SEAL	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	

700 Electric Device

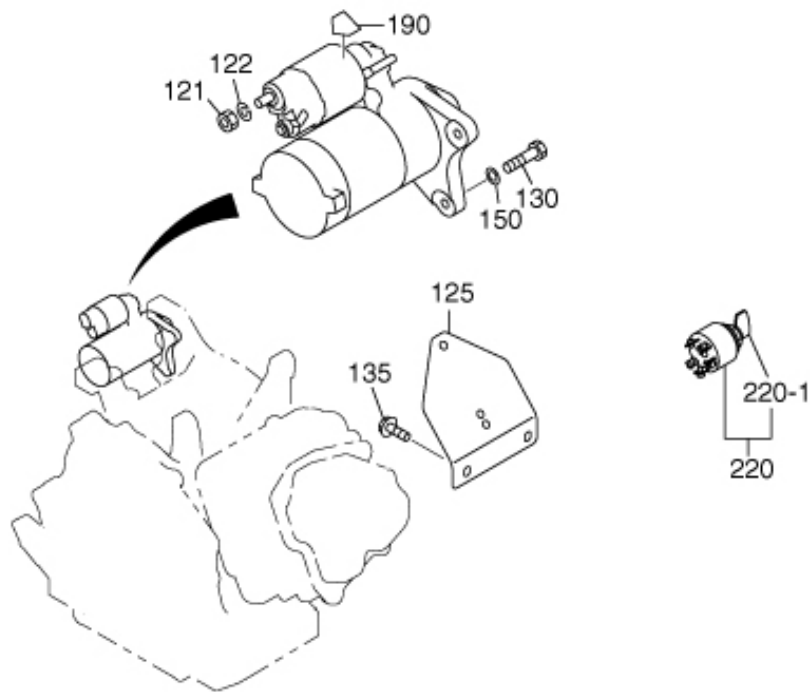


700 Electric Device

Ref	Part Number.	Description	Qty	Remark
10	279-79250-21	FLYWHEEL CP	1	Remarks: MARK FA AP02.
11	279-79431-11	IGNITION COIL CP	1	Remarks: MARK AB.
20	267-71002-01	RING GEAR CP	1	
30	001-04062-00	FLANGE BOLT (M6X20)	2	
50	279-73105-H1	WIRE 5 CP	1	Remarks: L=360 BLACK.
100	065-01401-50	SPARK PLUG	1	Remarks: NGK BR6HS.
110	065-50002-70	SPARK PLUG CAP	1	

720 Electric Device

FIG. 720



EX30

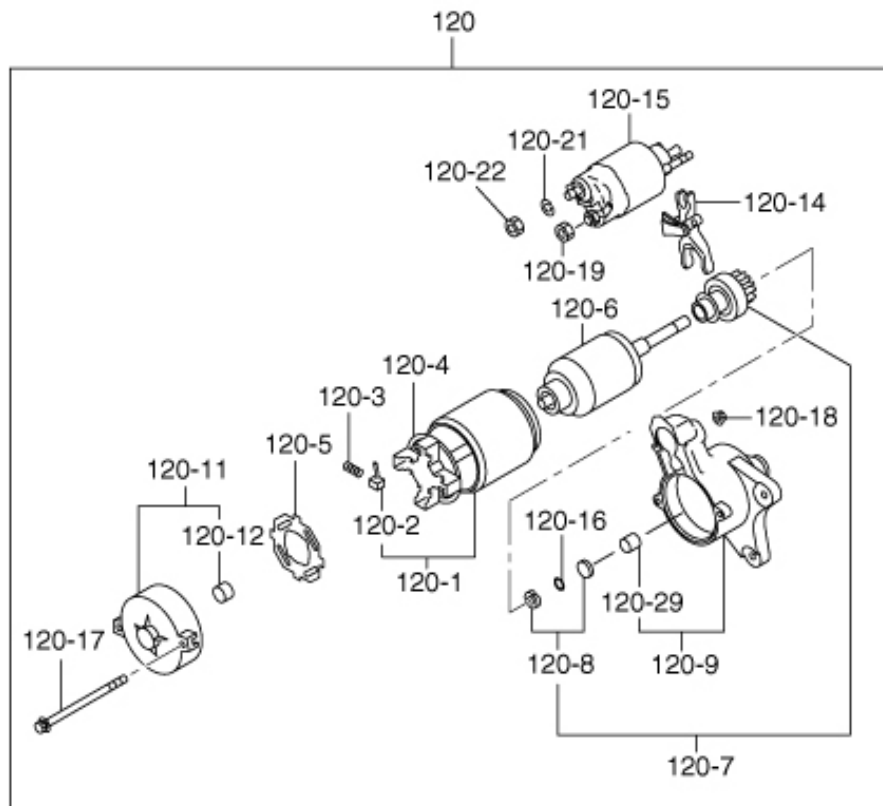
291072000W00

720 Electric Device

Ref	Part Number.	Description	Qty	Remark
121	002-18080-00	NUT	1	
122	003-20080-00	SPRING WASHER	1	
125	279-76511-11	BRACKET CP, SEL	1	
130	214-79007-01	BOLT CP, STARTER	2	
135	011-00600-20	FLANGE BOLT (M6X12)	3	
150	003-10080-00	WASHER	2	

730 Electric Device

FIG. 730



EX30

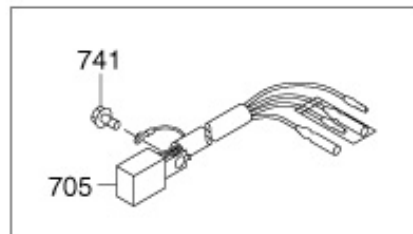
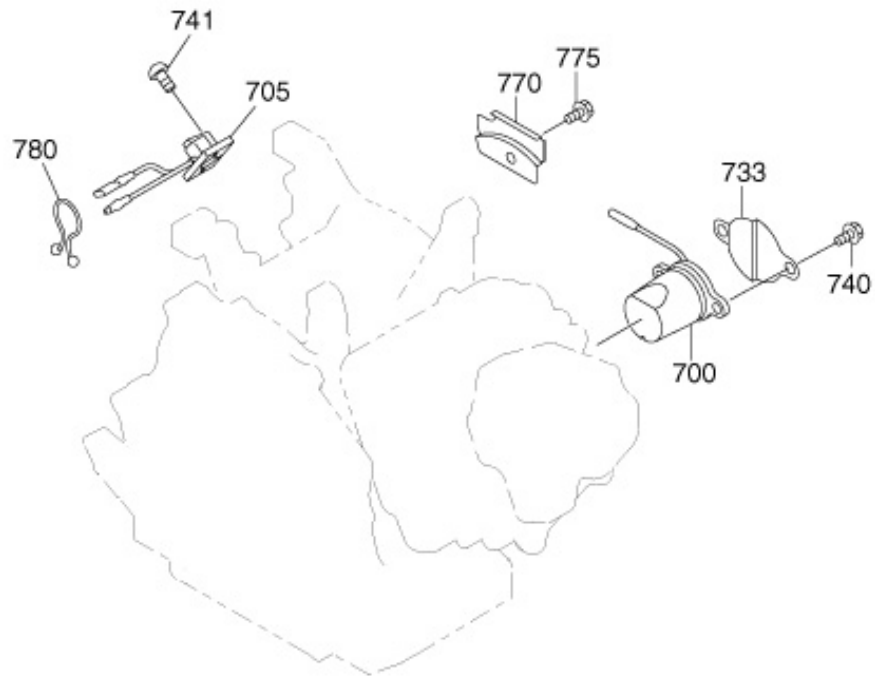
291073000W00

730 Electric Device

Ref	Part Number.	Description	Qty	Remark
120	279-70502-00	STARTING MOTOR AY	1	
-1	209-70550-08	YOKE CP	1	
-2	209-70551-08	BRUSH	4	
-3	209-70545-08	BRUSH SPRING	4	
-4	209-70530-08	BRUSH HOLDER	1	
-5	209-70552-08	INSUALTOR	1	
-6	209-70554-08	ARMATURE AY	1	
-7	209-70521-08	OVER RUNNING CLUTCH	1	
-8	234-70555-08	PINION STOPPER	1	
-9	279-70550-08	HOUSING CP	1	
-11	209-70505-18	FRAME CP	1	
-12	209-70510-08	BUSH	1	
-14	209-70525-08	LEVER	1	
-15	279-70515-18	MAGNET SWITCH CP	1	
-16	209-70557-18	SNAP RING	1	
-17	209-70558-08	THROUGH BOLT	2	
-18	949-29970-02	NUT	2	
-19	209-70560-08	NUT	1	
-21	107-70652-08	SPRING WASHER	1	
-22	211-70584-08	NUT	1	
-29	209-70511-08	BUSH	1	

770 Electric Device

FIG. 770



EX30

291077001W00

770 Electric Device

Ref	Part Number.	Description	Qty	Remark
700	279-76301-41	OIL SENSOR CP	1	
705	KU3-11073-01	FLOAT C/U CP7	1	
740	001-14061-60	BOLT AND WASHER AY	2	Remarks: M6X1.0X16L W/W,SW.
741	011-00600-10	FLANGE BOLT (M6X8)	1	
770	279-75501-13	WIRE CLAMP	1	
775	015-20600-50	TAPPING BOLT	1	Remarks: M6X13DX10L.

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