

PARTS MANUAL

MODEL
EX30

EX300D52010

03/15



SUBARU

Industrial Power Products

Subaru Industrial Power Products

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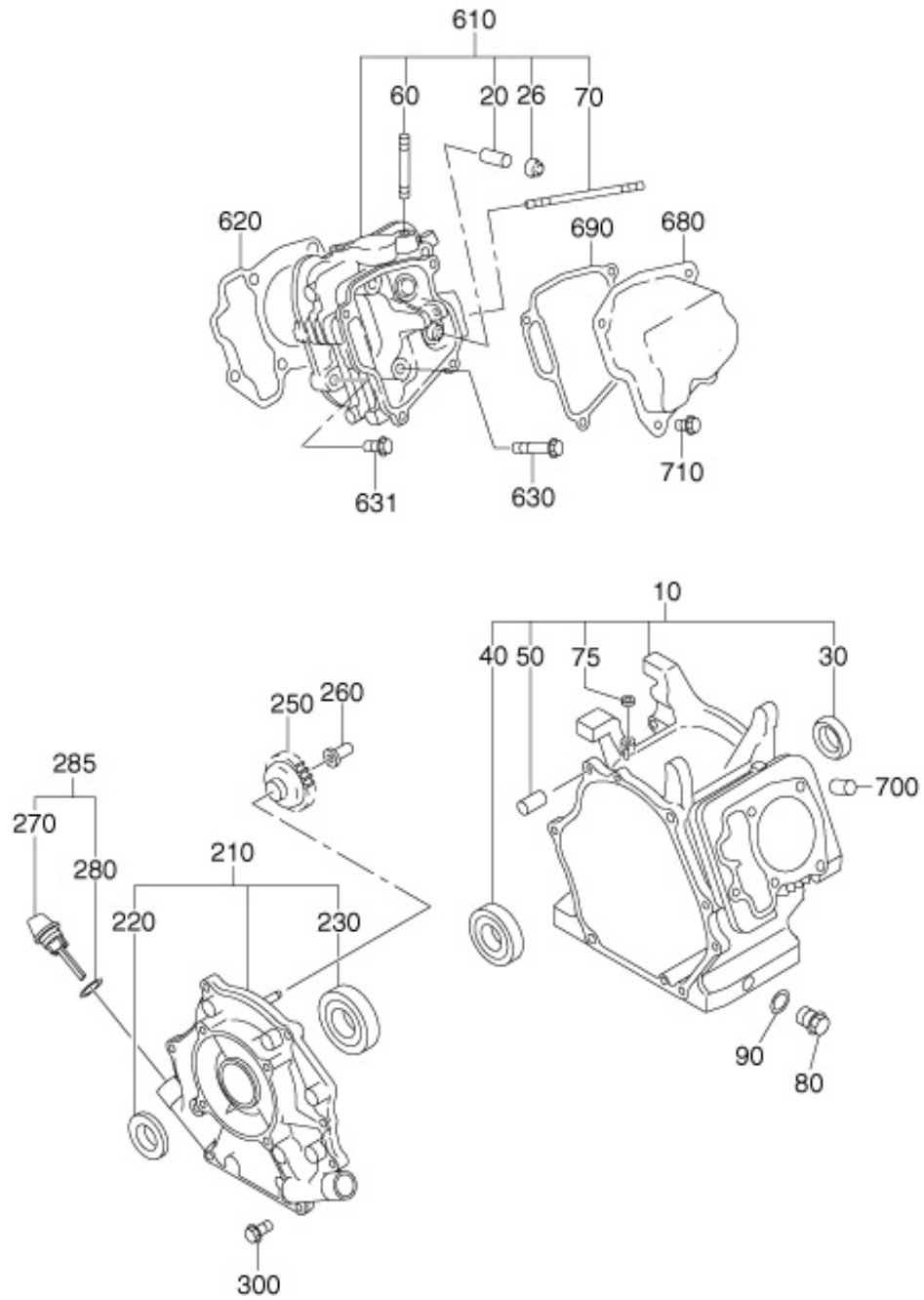
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100 Crankcase

FIG. 100



960- GASKET SET

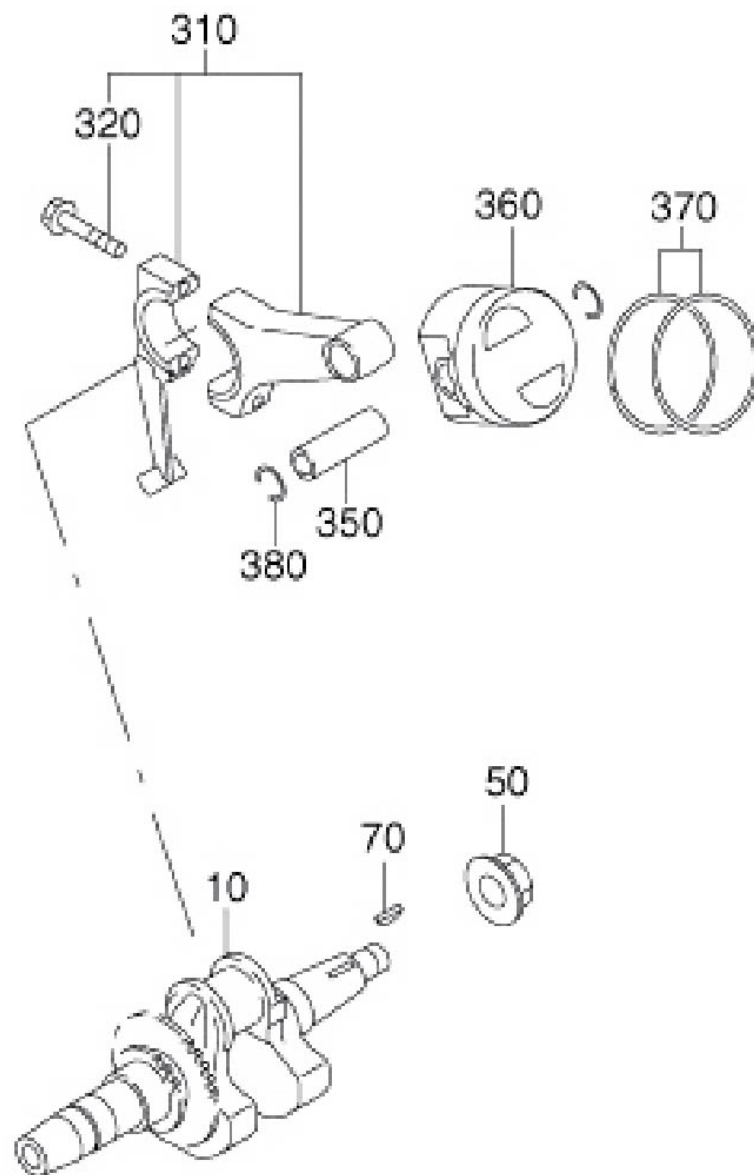
EX30

291010001W00

100 Crankcase

Ref	Part Number.	Description	Qty	Remark
10	291-10102-51	CRANK CASE CP	1.00	
20	237-14202-03	VALVE GUIDE	2.00	5.5DX9.5DX27L.
26	277-16010-01	STEM SEAL	1.00	5.5DX9.5DX15DX7.8B.
30	044-03001-60	OIL SEAL	1.00	30DX45DX7B.
40	060-03003-41	BALL BEARING	1.00	30DX62DX16B.
50	277-15011-03	PIPE KNOCK	2.00	10.3DX8.5DX14L.
60	010-50802-90	STUD	2.00	M8X1.25X30L.
70	010-50604-10	STUD	2.00	M6X1.0X107L.
75	044-00600-20	OIL SEAL	1.00	6DX10DX2.5B.
80	040-11400-30	PLUG	2.00	M14X1.5X20DX12L.
90	021-11400-20	GASKET	2.00	14.1DX19DX2.3T.
210	279-11002-11	MAIN BEARING COVER C	1.00	FLANGE 4-5/16-24UNF.
220	044-03001-60	OIL SEAL	1.00	30DX45DX7B.
230	060-03003-70	BALL BEARING	1.00	30DX62DX16B.
250	277-45004-J1	GOVERNOR GEAR CP	1.00	53DX29.1T N=33.
260	277-41901-03	GOVERNOR SLEEVE	1.00	6DX7.6DX16DX26L.
280	021-32000-50	GASKET	2.00	20DX27DX1.5T RUBBER.
285	279-63601-30	OIL GAUGE AY	2.00	OLD 279-63601-13 STOPPED
300	001-04083-50	FLANGE BOLT	7.00	M8X1.25X16DX35L.
610	279-13002-31	CYLINDER HEAD CP	1.00	
620	279-15001-33	GASKET (HEAD)	1.00	T=0.2.
630	011-00802-40	FLANGE BOLT	4.00	M8X1.25X16DX68L.
631	011-00803-10	FLANGE BOLT	1.00	M8X1.25X16DX33L.
680	277-15503-01	ROCKER COVER CP	1.00	
690	277-16001-13	GASKET(ROCKER COVER)	1.00	T=0.5.
700	277-15011-03	PIPE KNOCK	2.00	10.3DX8.5DX14L.
710	011-00600-20	FLANGE BOLT	4.00	M6X1.0X14DX12L.
960	279-99001-27	GASKET SET	1.00	

200 Crankshaft



291020001W00

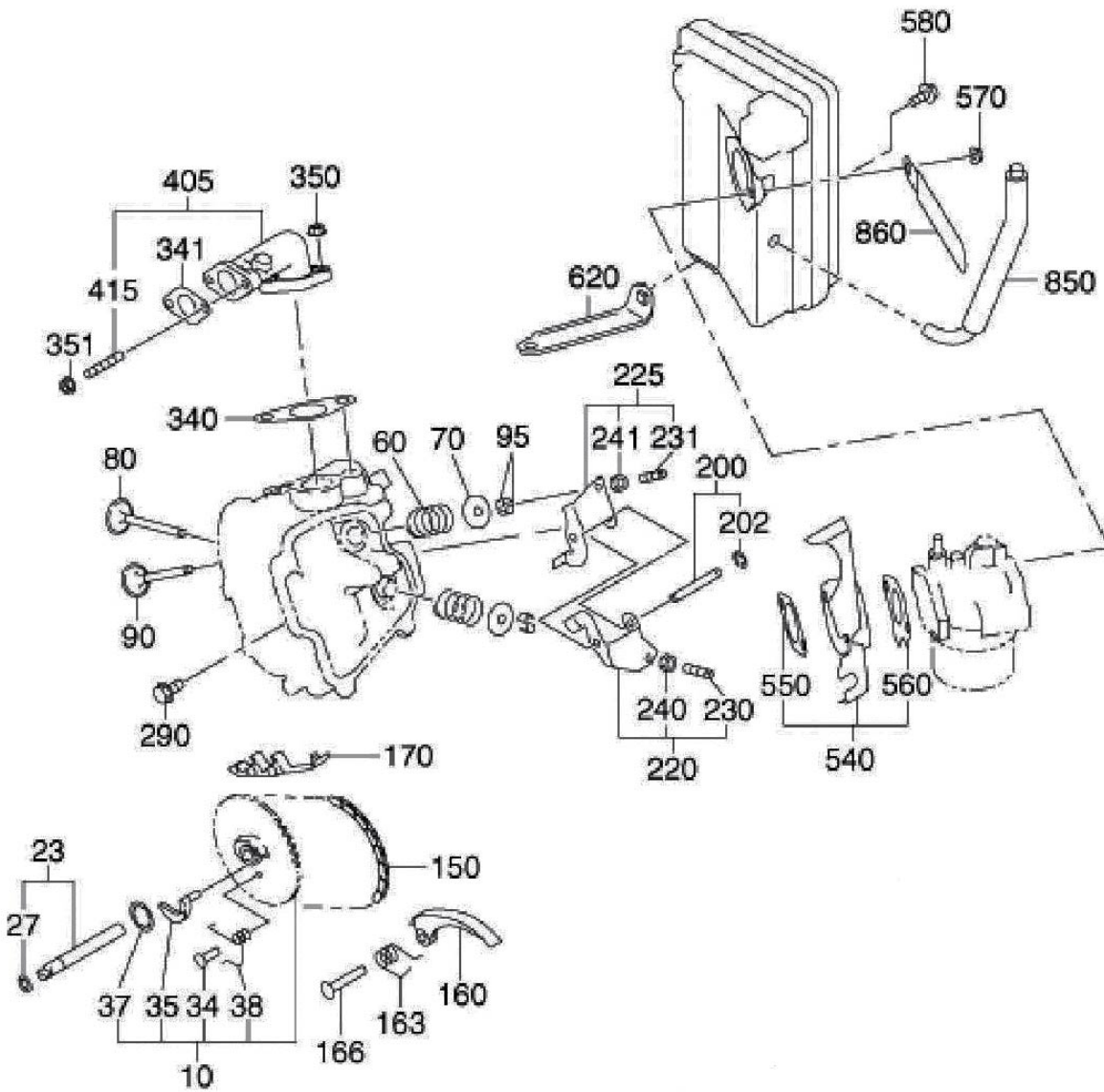
200 Crankshaft

Ref	Part Number.	Description	Qty	Remark
10	291-21201-01	CRANK SHAFT CP	1.00	L=342 22.1DX1/5.3TAP.
50	018-01800-10	FLANGE NUT	1.00	M18X1.5X31DX14H.
70	032-30300-10	WOODRUFF KEY	1.00	3BX6HX16D.
310	291-22501-00	CONNECTING ROD AY	1.00	104.5CDX26B 34.5D-18.
320	279-23001-03	CONNECTING ROD BOLT	2.00	M7X1.0X13.8DX40L.
350	279-23301-13	PISTON PIN ¹	1.00	18DX13DX53L.
360	291-23401-H3	PISTON	1.00	STD (75DX38.5H).
370	291-23501-07	PISTON RING SET	1.00	STD (75D).
380	056-51800-10	CLIP	2.00	18.9DX1.6D.

Footnotes

1: INTERCHANGEABLE 279-23301-13

300 Intake & Exhaust



291030103W00

300 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
10	279-31602-11	CAM SHAFT CP ¹	1.00	93DX2.9B N=44.
23	277-35101-01	PIN(CAM SHAFT)	1.00	9DX78.5L.
27	024-00600-10	O RING ²	1.00	5.8DX9.6D.
34	277-38601-03	PIN(SPRING)	1.00	4DX8DX9L.
35	279-36401-03	RELEASE LEVER	1.00	
37	277-36501-03	CLIP	1.00	13.8DX20.3DX0.4T.
38	279-38701-13	RETURN SPRING	1.00	5.3DX0.6DX5.5L N=5.7.
60	279-33601-03	VALVE SPRING	2.00	19.2DX2.3DX27.4L.
70	269-33701-03	SPRING RETAINER	2.00	
80	279-33401-H3	INTAKE VALVE	1.00	28.5DX5.5DX67.8L.
90	279-33501-H3	EXHAUST VALVE	1.00	26.5DX5.5DX67.8L.
95	132-10KA0-31	COLLET-VALVE	4.00	
150	279-35601-01	TIMING CHAIN CP ³	1.00	100 LINK.
160	277-36911-03	TENTIONER ⁴	1.00	
163	277-37101-03	SPRING(TENTIONER)	1.00	10DX1.8DX14L N=4.5.
166	277-36902-03	PIN(TENTIONER)	1.00	6DX13DX34L.
170	277-36913-13	CHAIN GUIDE ⁵	1.00	
200	277-35002-01	PIN(ROCKER) CP ⁶	1.00	6DX46L.
202	003-13050-00	CLIP	1.00	5Dx11Dx0.6T
220	277-36201-00	ROCKER ARM(IN) AY	1.00	
225	277-36202-00	ROCKER ARM(EX) AY	1.00	
230	014-90500-20	ADJUST SCREW	1.00	M5X0.5X23L.
231	014-90500-20	ADJUST SCREW	1.00	M5X0.5X23L.
240	017-00500-30	NUT	1.00	M5X0.5X4.1H.
241	017-00500-30	NUT	1.00	M5X0.5X4.1H.
290	011-00600-10	FLANGE BOLT	1.00	M6X1.0X14DX12L.
340	277-35201-13	GASKET(MUFFLER)	1.00	T=0.2 26D 9DX58P.
341	277-35201-01	GASKET CP(EXHAUST)	1.00	T=1.6 28D 8.5DX52P.

Footnotes

- 1:** INTERCHANGEABLE W/279-31602-21
2: INTERCHANGEABLE W/024-00600-30
3: INTERCHANGEABLE W/279-35602-H1
4: INTERCHANGEABLE W/20A-36911-03
5: INTERCHANGEABLE W/20A-36913-03
6: INTERCHANGEABLE W/277-35004-01
7: INTERCHANGEABLE W/002-38080-00
8: INTERCHANGEABLE W/001-04062-00
9: INTERCHANGEABLE W/279-39001-11
10: INTERCHANGEABLE W/291-66001-H0

300 Intake & Exhaust

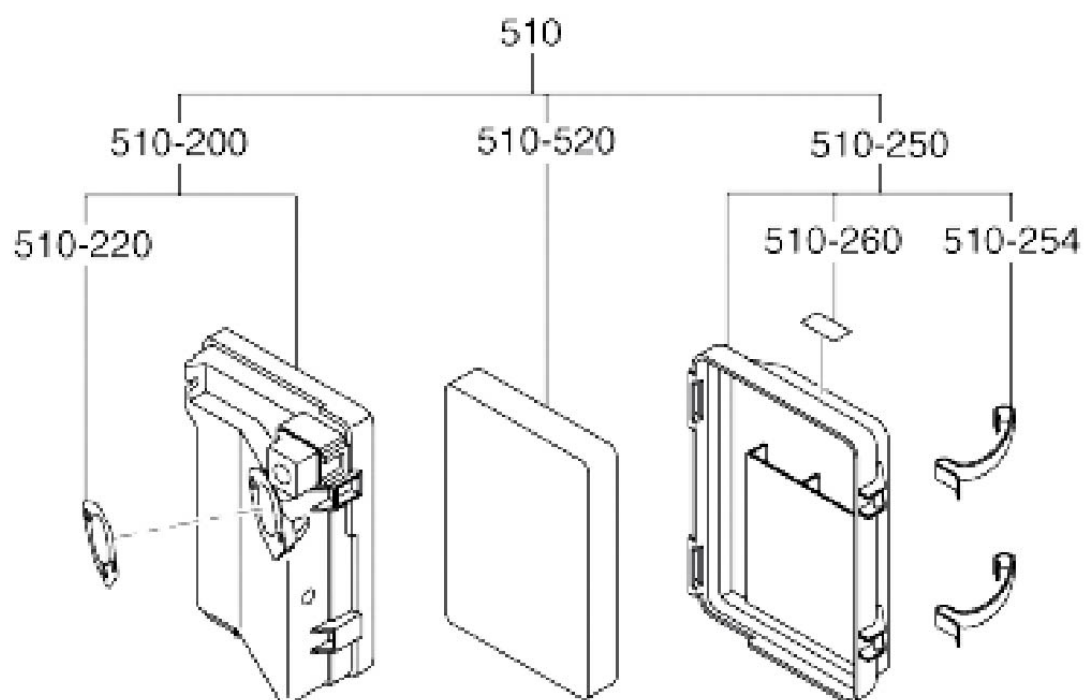
Ref	Part Number.	Description	Qty	Remark
350	980-20082-80	FLANGE NUT ⁷	2.00	M8x1.25x17Dx7.5H
351	980-20082-80	FLANGE NUT ⁷	2.00	M8x1.25x17Dx7.5H
405	277-34001-01	EXHAUST PIPE CP	1.00	
415	010-50802-90	STUD	2.00	M8X1.25X30L.
540	279-32902-J1	INSULATOR CP	1.00	W/GASKET.
550	279-35903-J3	GASKET2(INSULATOR)	1.00	T=0.5.
560	279-35902-J3	GASKET1(INSULATOR)	1.00	T=0.5.
570	002-38060-00	FLANGE NUT	2.00	M6X1.0X13DX6H.
580	011-00600-50	FLANGE BOLT ⁸	1.00	M6X1.0X13DX20L.
620	279-39001-01	BRACKET(A/C) CP ⁹	1.00	
850	291-66001-00	RUBBER PIPE AY ¹⁰	1.00	
860	056-60002-50	CLAMP	1.00	6.5DX10BX95LX0.6T.

Footnotes

- 1:** INTERCHANGEABLE W/279-31602-21
2: INTERCHANGEABLE W/024-00600-30
3: INTERCHANGEABLE W/279-35602-H1
4: INTERCHANGEABLE W/20A-36911-03
5: INTERCHANGEABLE W/20A-36913-03
6: INTERCHANGEABLE W/277-35004-01
7: INTERCHANGEABLE W/002-38080-00
8: INTERCHANGEABLE W/001-04062-00
9: INTERCHANGEABLE W/279-39001-11
10: INTERCHANGEABLE W/291-66001-H0

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317 Intake & Exhaust



291031702W00

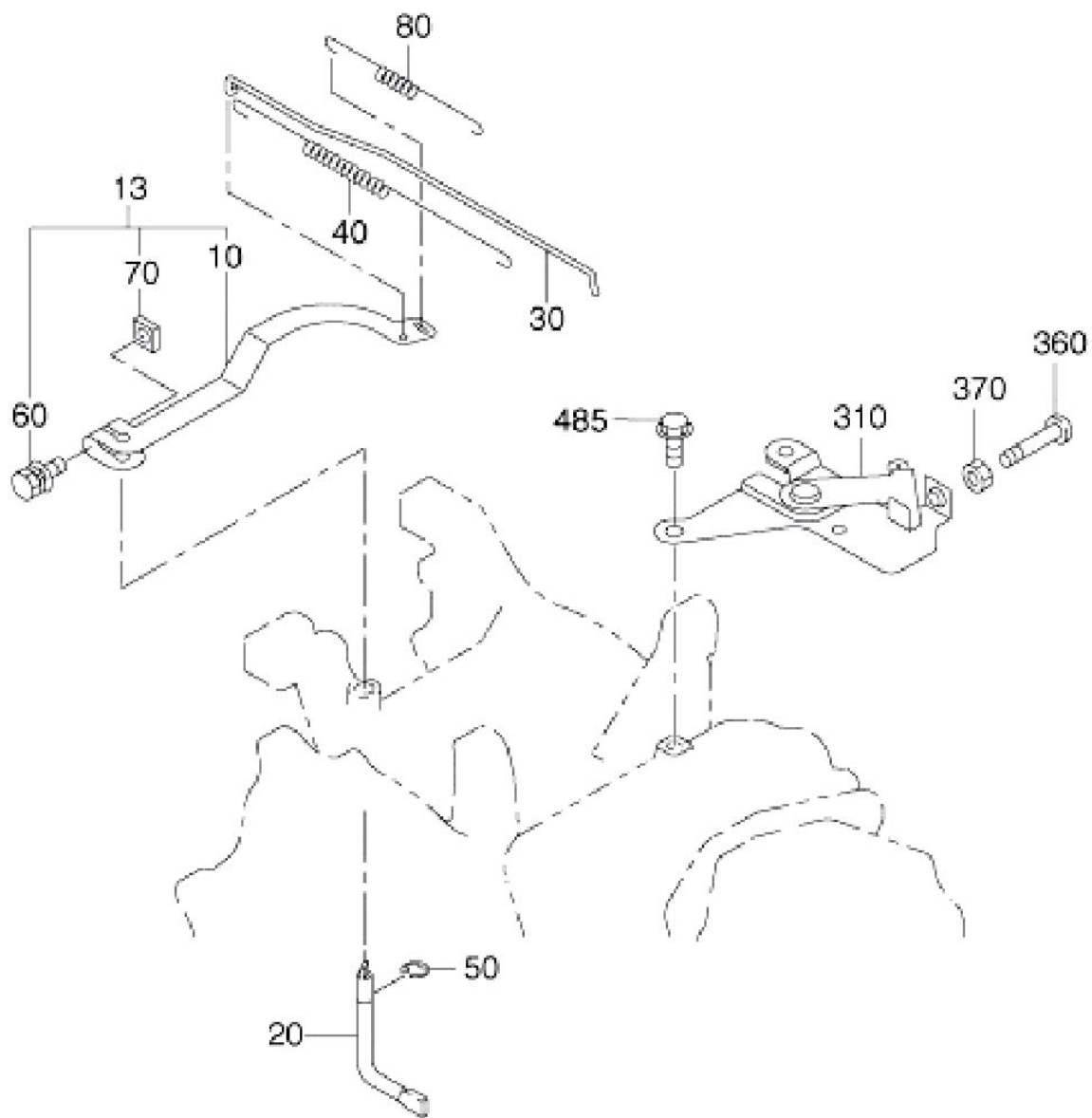
317 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
510-	279-32624-10	AIR CLEANER AY ¹	1.00	GENERATOR.
-200	279-32647-08	CLEANER BODY COMP	1.00	
-200	279-32637-18	CLEANER BODY COMP ²	1.00	
-220	279-32650-08	GASKET ³	1.00	
-250	279-32646-08	COVER COMP	1.00	
-254	279-32683-08	CLIP 4	2.00	
-260	073-20044-30	LABEL(CHOKE)	1.00	14X28 ILLUSTR.
-520	279-32612-08	ELEMENT CP.	1.00	

Footnotes

- 1:** INTERCHANGEABLE W/279-32624-20
2: INTERCHANGEABLE W/279-32637-28
3: INTERCHANGEABLE W/279-32650-18

400 Governor



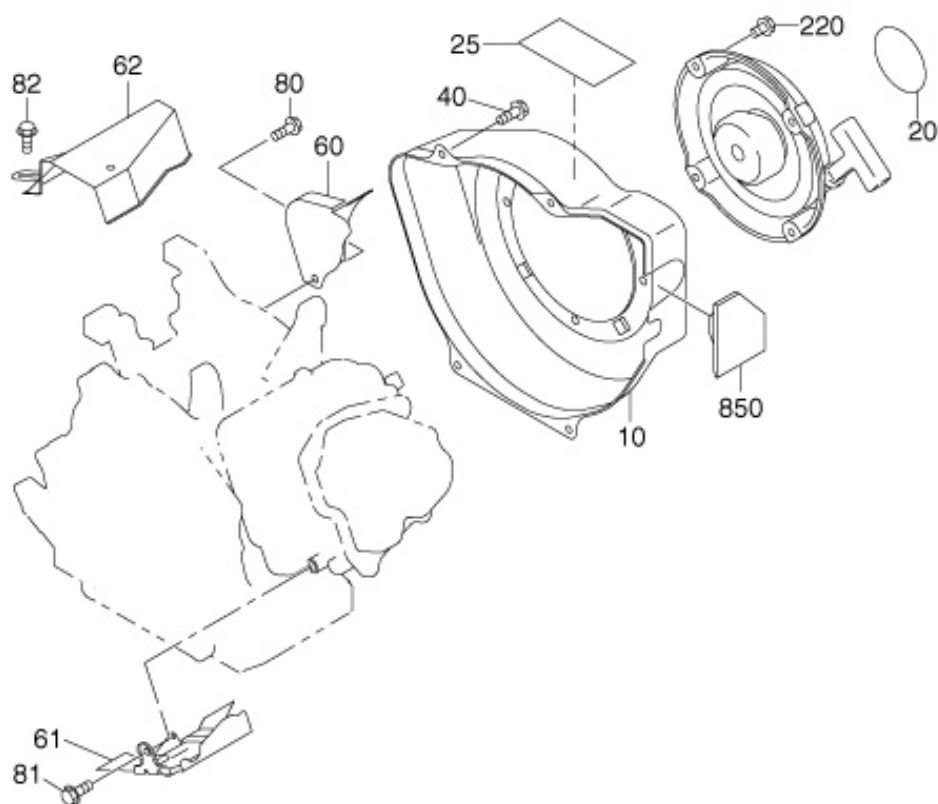
291040001W00

400 Governor

Ref	Part Number.	Description	Qty	Remark
13	279-42310-00	GOVERNOR LEVER AY	1.00	
20	277-42201-33	GOVERNOR SHAFT	1.00	
30	279-42701-23	GOVERNOR ROD	1.00	
40	277-42801-23	ROD SPRING	1.00	7DX0.5DX182L N=16.
50	003-13050-00	CLIP	1.00	5Dx11Dx0.6T
60	013-00602-40	BOLT AND WASHER AY	1.00	M6X1.0X25L W/TWO W.
70	018-60600-20	NUT	1.00	M6X1.0X4.9H SQUARE.
80	279-42502-63	GOVERNOR SPRING	1.00	7.5DX0.7DX115L N=19.
310	277-46501-11	SPEED CONTROL CP	1.00	
360	004-31064-00	SCREW	1.00	M6X1.0X40L.
370	002-17060-00	NUT	1.00	M6X1.0X5H.
485	011-00600-20	FLANGE BOLT	2.00	M6X1.0X14DX12L.

500 Cooling & Starting

FIG. 500



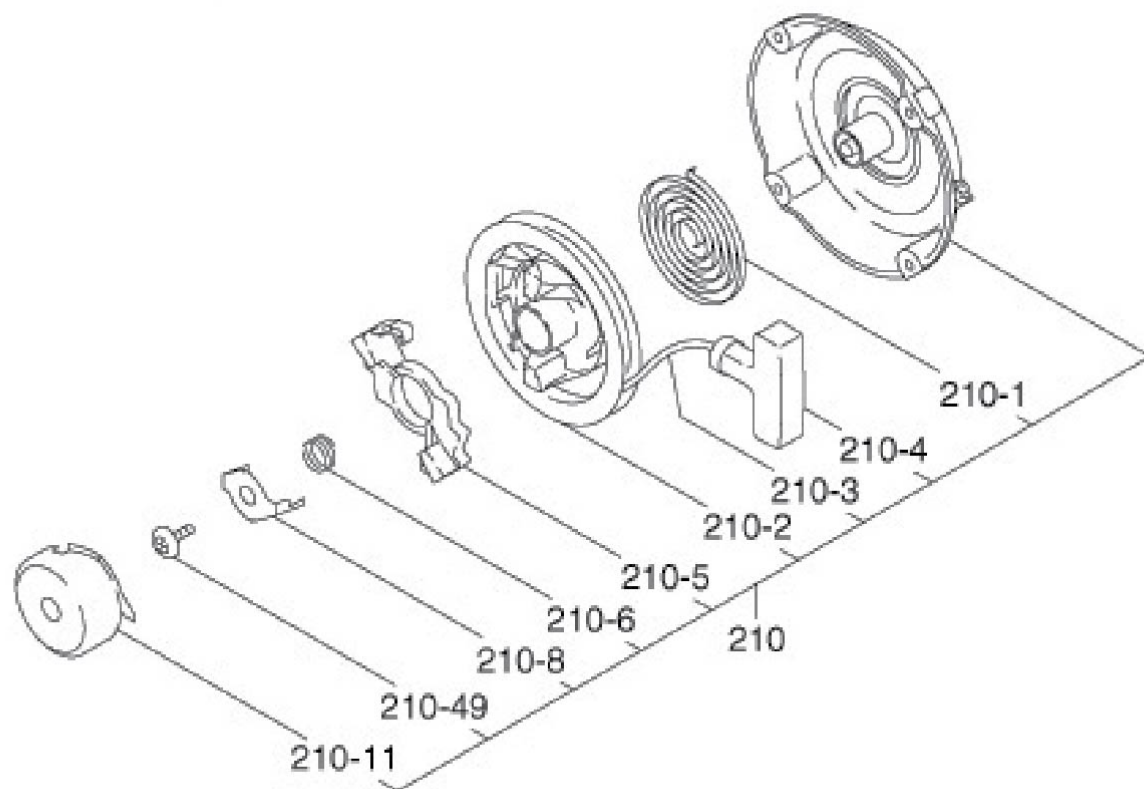
EX30

291050001W00

500 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
10	279-51203-01	BLOWER HOUSING CP	1	
20	073-20054-70	LABEL(TRADE MARK)	1	
25	073-20051-81	LABEL(WARNING)	1	
40	011-00600-30	FLANGE BOLT	4	M6x1.0x14Dx14L
60	279-52711-11	BAFFLE 1(CASE) CP	1	
61	279-52702-13	BAFFLE 2(HEAD)	1	
62	277-55001-11	DUCT (CASE) CP	1	
80	001-65081-20	BOLT	1	M8x1.25x12L
81	011-00600-20	FLANGE BOLT	1	M6x1.0x14Dx12L
82	011-00600-20	FLANGE BOLT	3	M6x1.0x14Dx12L
220	013-00602-81	BOLT AND WASHER AY	4	M6x1.0x14L W/SW
850	279-59604-13	SPONGE 4	1	

520 Cooling & Starting

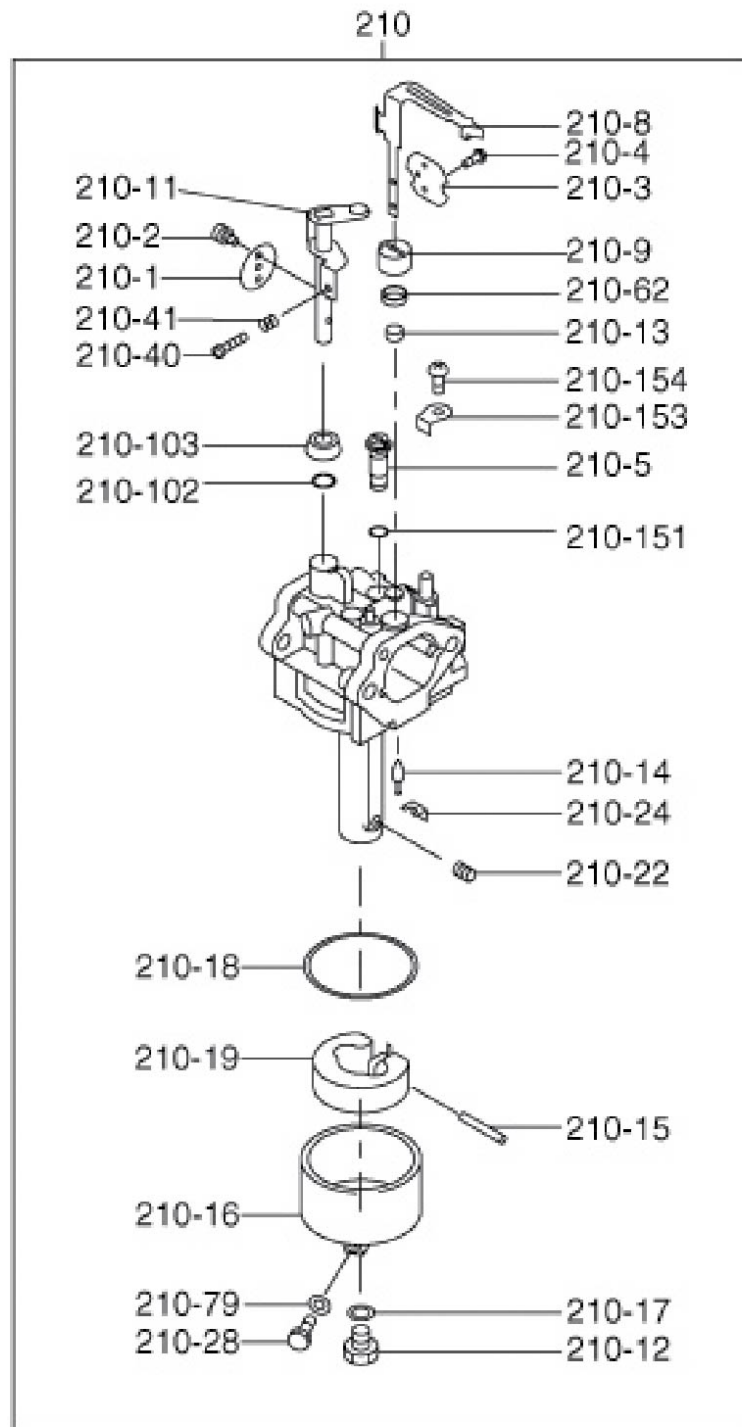


291052001W00

520 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
210	279-50301-10	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	226-50701-08	STARTER KNOB	1	
5	281-50325-08	RATCHET	1	
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	

641 Fuel & Lubricant



291064101W00

641 Fuel & Lubricant

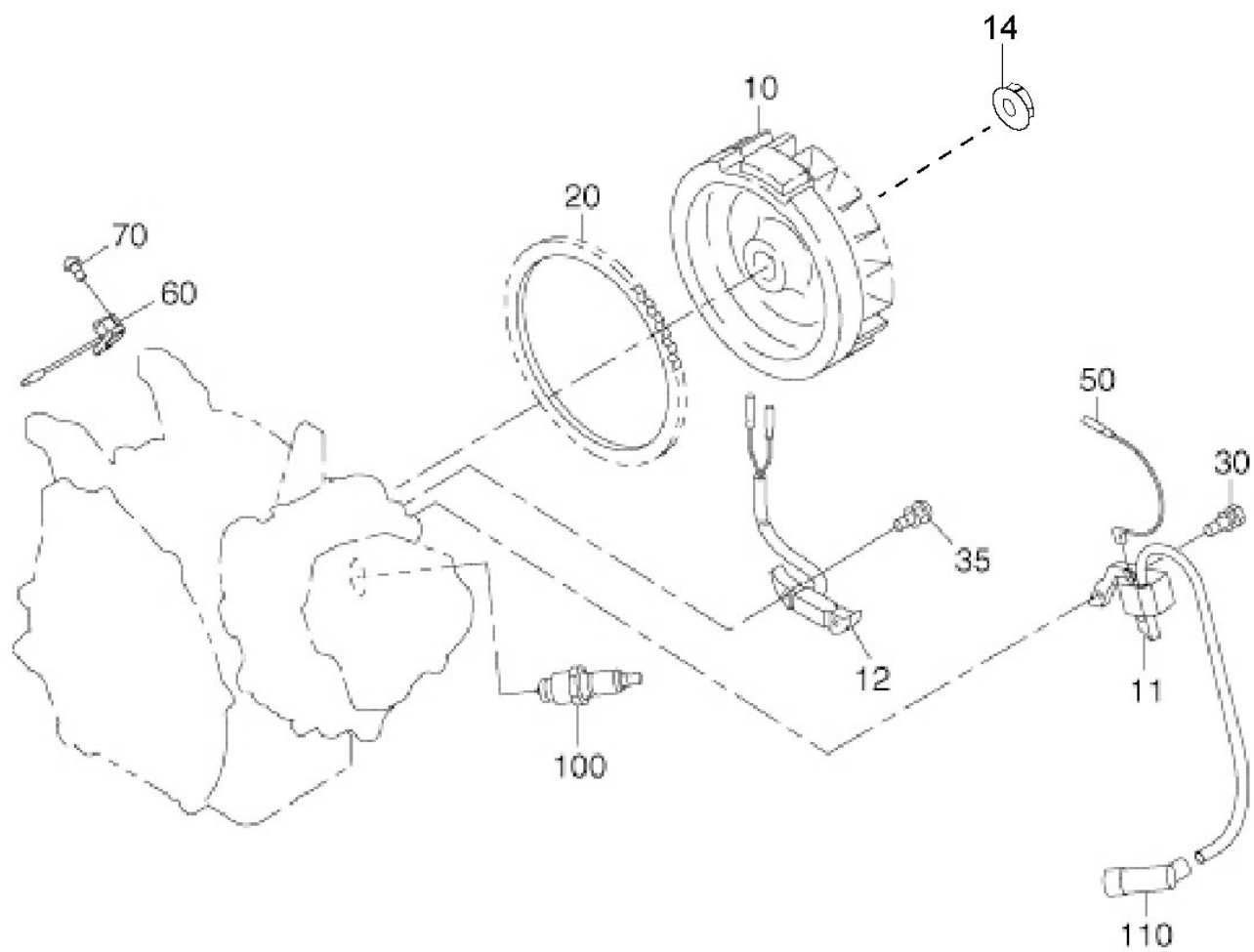
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210	279-62364-00	CARBURETOR AY	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
1	279-62536-08	THROTTLE VALVE	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
2	209-62351-08	SCREW	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
3	279-62528-08	CHOKE VALVE	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
4	237-62451-08	SCREW	2.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
5	279-62422-08	PILOT JET	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: #38.8.
8	279-62523-08	CHOKE LEVER	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
9	279-62554-08	RING	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
11	279-62533-08	THROTTLE SHAFT-A	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
12	150-62358-08	BOLT	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
13	277-62571-08	RING	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
14	224-62305-08	NEEDLE VALVE	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
15	214-62515-08	PIN	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
16	279-62506-08	FLOAT BODY-A	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
17	207-62345-08	INSERT WASHER	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
18	206-62540-08	PACKING	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
19	234-62506-08	FLOAT-A	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
22	279-62408-08	MAIN JET	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: #92.5.
24	226-62701-18	CLIP	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
28	279-62361-08	BOLT	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
40	106-62556-08	SCREW	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
41	283-62357-08	SPRING	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.

641 Fuel & Lubricant

Ref	Part Number.	Description	Qty	Remark
62	236-62680-08	SEAL	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
79	279-62541-08	WASHER	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
102	246-62390-08	SEAL	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
103	279-62551-08	RING	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
151	106-62384-08	O-RING	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
153	279-62360-08	PLATE	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.
154	279-62351-08	SCREW	1.00	Start Date: 4/27/2009 0:00:00. Start Date: 12/31/9999 0:00:00.

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700 Electric Device



291070001W00

700 Electric Device

Ref	Part Number.	Description	Qty	Remark
10	279-79230-11	FLYWHEEL CP ¹	1	
11	279-79430-01	IGNITION COIL CP	1	
14	018-01800-10	FLANGE NUT	1	
30	001-04062-50	BOLT AND WASHER	2	M6x1.0x25L W/W. SW
50	277-73102-H1	WIRE 2 CP	1	
60	X66-00004-20	SWITCH AY ²	1	
70	015-00400-90	TAPPING SCREW	2	M4x12L
100	065-01401-50	SPARK PLUG	1	
110	065-50002-70	SPARK PLUG CAP ³	1	

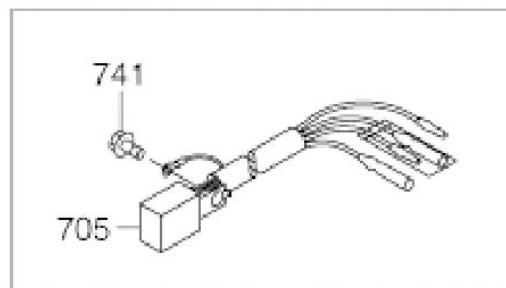
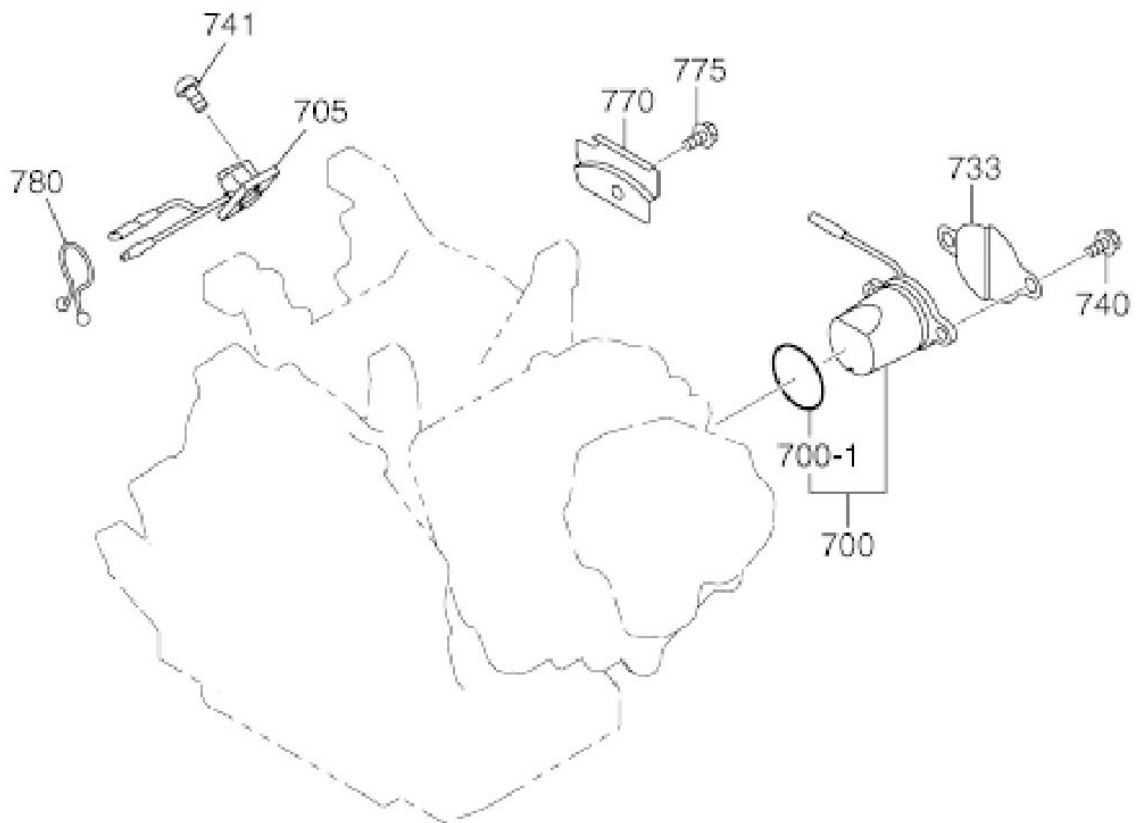
Footnotes

1: INTERCHANGEABLE W/279-79230-21

2: INTERCHANGEABLE W/066-00004-91

3: INTERCHANGEABLE W/X65-50002-70

770 Electric Device



0770 0004 000

770 Electric Device

Ref	Part Number.	Description	Qty	Remark
700	279-76301-51	OIL SENSOR CP ¹	1	
701	277-76350-08	O-RING	1	
705	KU3-11075-01	FLOAT C/U CP9	1	
733	277-75801-03	SHIELD PLATE(O/S)	1	
740	001-04061-60	BOLT AND WASHER	2	M6X1.0X16L W/SW.
741	013-00602-81	BOLT AND WASHER AY	1	M6X1.0X14L W/SW.
770	279-75501-13	WIRE CLAMP	1	
775	015-20600-50	TAPPING BOLT	1	M6X13DX10L.
780	056-90000-20	PURSE LOCK	1	

Footnotes

1: INTERCHANGEABLE W/279-76301-61

Part Number Index

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