

PARTS MANUAL

MODEL
EH722

EH722DSF070

11/15



SUBARU

Industrial Power Products

Subaru Industrial Power Products

905 Telser Road - Lake Zurich, IL 60047 - Phone 847-540-7300 - Fax 847-438-5012

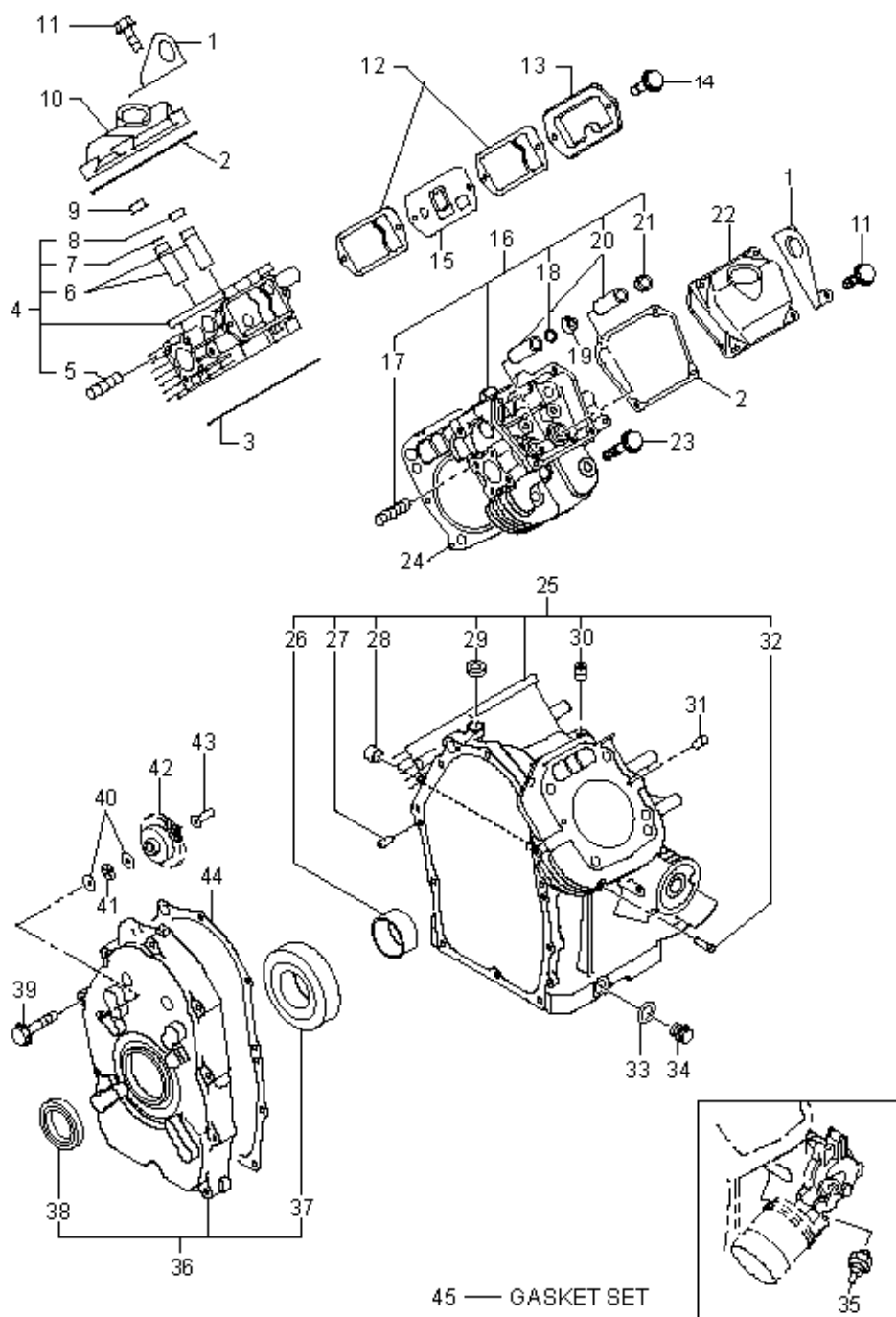
e-mail: sales@subarupower.com - www.subarupower.com

© 2012 Subaru Industrial Power Products

Group Index

Group Name	Page
100 Crankcase.....	4
200 Crankshaft.....	8
300 Intake & Exhaust.....	10
317 Intake.....	12
400 Governor.....	14
500 Cooling & Starting.....	16
600 Fuel, Lubrication.....	18
640 Carburator.....	20
685 Oil Cooler.....	22
700 Ignition.....	24
731 Ignition.....	26
 Part Number Index.....	 28
Part Description Index.....	29

100 Crankcase



20K010001W00

100 Crankcase

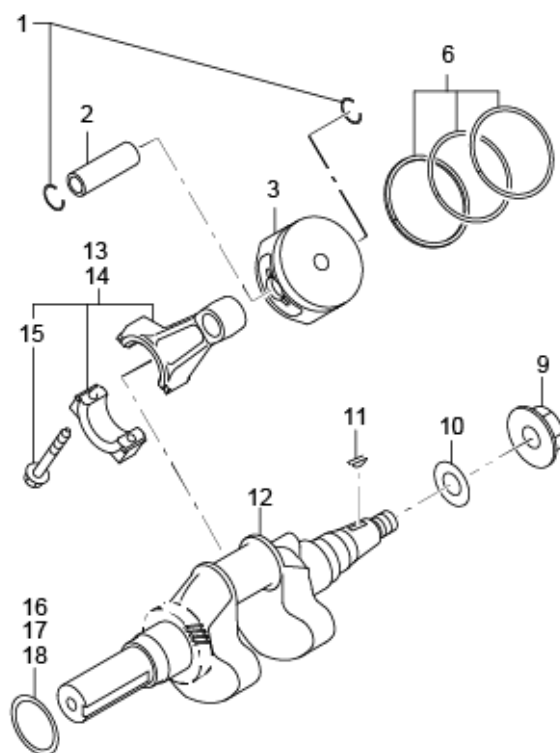
Ref	Part Number.	Description	Qty	Remark
1	280-19001-03	HOOK	2	
2	263-16111-03	GASKET(ROCKER COVER)	2	
3	280-15001-23	GASKET 1 (CYL HEAD)	1	
4	20K-13002-11	CYLINDER HEAD 1 CP	1	
5	010-50802-90	STUD	4	
6	263-14202-03	VALVE GUIDE	2	
7	056-51000-50	CLIP	1	
8	132-11AA1-10	SEAL-EXH VALVE	1	
9	263-14422-03	RETAINER PLATE	1	
10	263-15505-03	ROCKER COVER	1	
11	011-00601-01	FLANGE BOLT	8	
12	263-16007-03	GASKET(BREATHERPLATE	2	
13	263-14302-03	BREATHER COVER	1	
14	011-00600-30	FLANGE BOLT	2	
15	280-14411-01	BREATHER PLATE CP	1	
16	20K-13102-11	CYLINDER HEAD 2 CP	1	
17	010-50802-90	STUD	4	
18	056-51000-50	CLIP	1	
19	263-35341-03	RETAINER PLATE	1	
20	263-14202-03	VALVE GUIDE	2	
21	132-11AA1-10	SEAL-EXH VALVE	1	
22	263-15503-03	ROCKER COVER	1	
23	011-01000-70	FLANGE BOLT	8	
24	280-15101-23	GASKET 2 (CYL HEAD)	1	
25	280-10102-11	CRANKCASE CP	1	
26	263-15805-03	MAIN BEARING	1	
27	031-00801-10	DOWEL PIN	2	
28	263-55601-03	PIPE	2	
29	044-00800-10	OIL SEAL	1	
30	235-15421-03	BLIND PLUG CP	1	
31	031-00600-20	DOWEL PIN	4	
32	263-19111-03	PLUG (PULSE PIPE HOLE)	1	
33	021-11400-20	GASKET	2	
34	040-11400-30	PLUG	2	
35	263-76102-H1	SWITCH OIL PRESSURE	1	
36	263-11003-11	MAINBEARING COVER CP	1	
37	X60-04500-20	BALL BEARING	1	
38	044-04200-30	OIL SEAL	1	
39	011-00802-20	FLANGE BOLT	10	

100 Crankcase

Ref	Part Number.	Description	Qty	Remark
40	263-46214-03	WASHER	2	
41	263-46215-A3	THRUST BEARING	1	
42	263-45004-11	GOVERNOR GEAR CP	1	
43	277-41902-01	GOVERNOR SLEEVE CP	1	
44	263-16002-A3	GASKET (M.B COVER)	1	
45	280-99001-17	GASKET SET	1	

This Page Intentionally Left Blank

200 Crankshaft

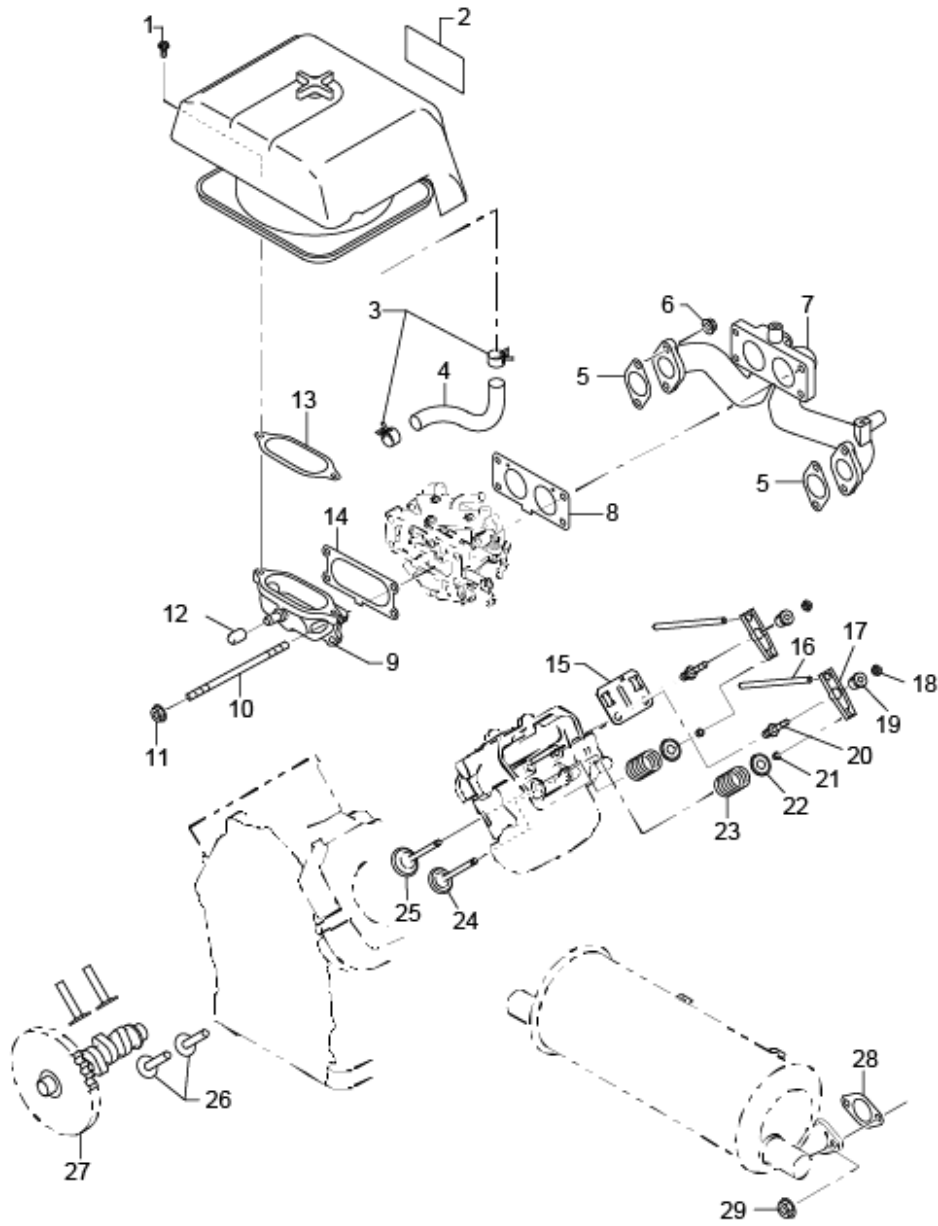


0200 0001 000

200 Crankshaft

Ref	Part Number.	Description	Qty	Remark
1	056-52100-20	CLIP	4	
2	263-23301-33	PISTON PIN	2	
3	280-23411-H3	PISTON	2	PISTON STD
6	-----	PISTON RING SET	2	PISTON SET STD
9	018-01800-10	FLANGE NUT	1	
10	003-10180-00	WASHER	1	
11	005-32054-01	WOODRUFF KEY	1	
12	263-21011-11	CRANKSHAFT CP	1	
13	263-22601-30	CONNECTING ROD AY	2	
15	001-05084-00	FLANGE BOLT	2	
16	263-25022-03	SPACER (0.8)	1	
17	263-25023-03	SPACER (1.0)	1	
18	263-25024-03	SPACER (1.2)	1	

300 Intake & Exhaust

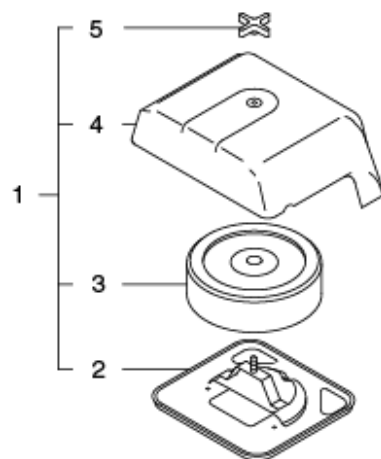


0300 0001 000

300 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
1	011-00600-20	FLANGE BOLT	3	
2	20K-91702-03	LABEL(TRADE MARK)	1	
3	056-12000-20	HOSE CLAMP	2	
4	280-18001-03	BREATHER PIPE	1	
5	263-35513-03	GASKET(IN MANIFOLD)	2	
6	002-38080-00	FLANGE NUT	4	
7	280-33005-H1	INTAKE MANIFOLD CP	1	
8	280-66202-03	GASKET(CARBURETOR)	1	
9	280-38001-03	CLEANER ADAPTER	1	
10	010-50601-91	STUD	4	
11	002-38060-00	FLANGE NUT	1	
12	263-35333-03	CAP(VINYL)	1	
13	280-35622-03	GASKET(CLEANER)	1	
14	280-35501-03	GASKET(ADAPTER)	1	
15	263-37002-A3	GUIDE PLATE	2	
16	263-35331-01	PUSH ROD CP	4	
17	267-36102-03	ROCKER ARM	4	
18	017-00601-10	NUT	4	
19	267-35701-03	PIVOT	4	
20	263-35801-03	BOLT(PIVOT)	4	
21	246-35501-03	COLLET-VALVE	8	
22	246-33711-13	SPRING RETAINER	4	
23	246-33611-03	VALVE SPRING	4	
24	263-33401-H3	INTAKE VALVE	2	
25	263-33502-H3	EXHAUST VALVE	2	
26	263-33301-A3	TAPPET	4	
27	280-31801-03	CAM SHAFT	1	
28	270-35201-01	GASKET CP (MUFFLER)	2	
29	002-38080-00	FLANGE NUT	4	

317 Intake

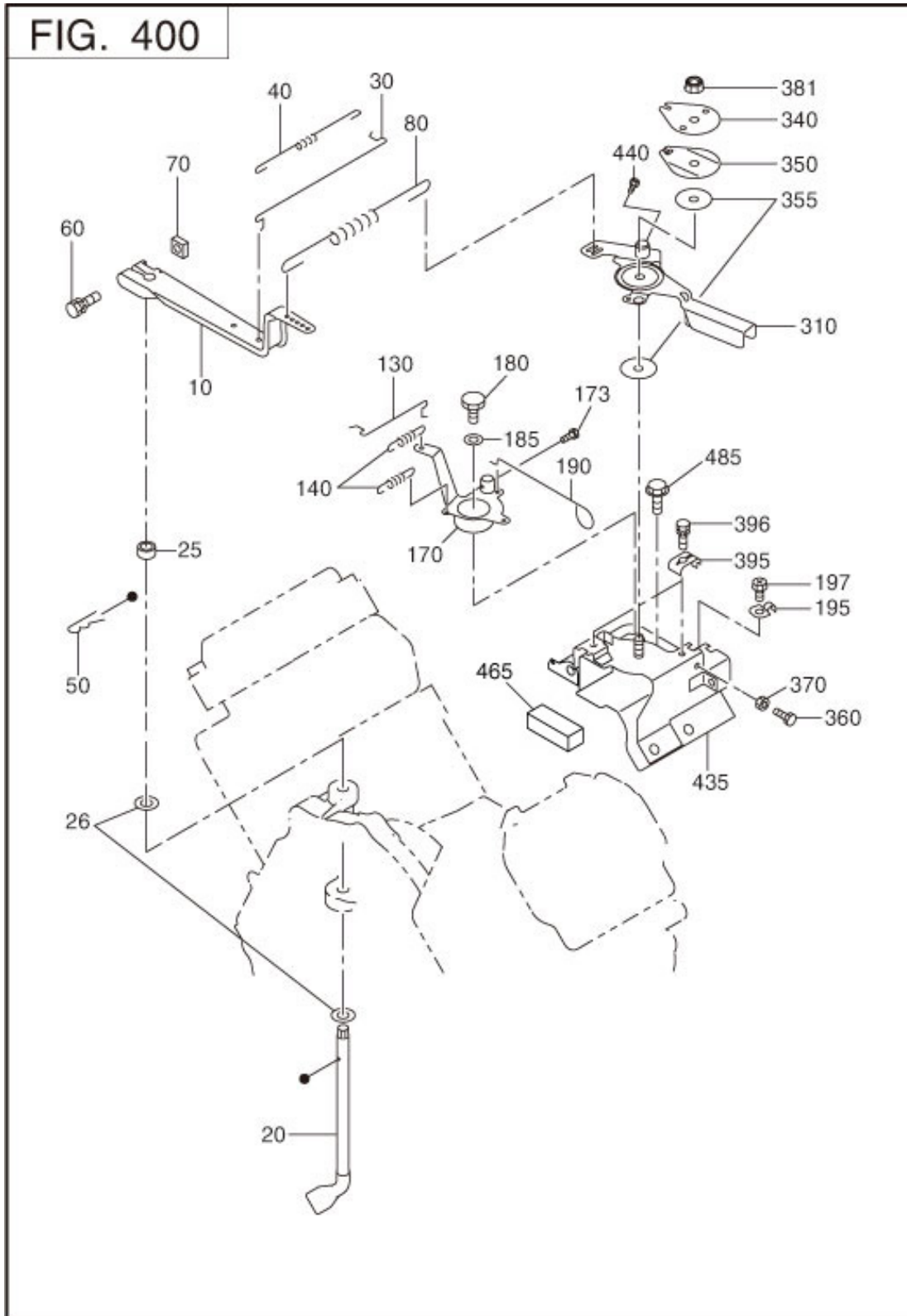


0317 0002 000

317 Intake

Ref	Part Number.	Description	Qty	Remark
1	20K-32601-A0	AIR CLEANER AY	1	
2	280-32626-A1	CLEANER BASE CP	1	
3	263-32610-A1	CLEANER ELEMENT CP	1	
4	263-32630-03	CLEANER COVER	1	
5	263-32640-01	WING NUT	1	

400 Governor



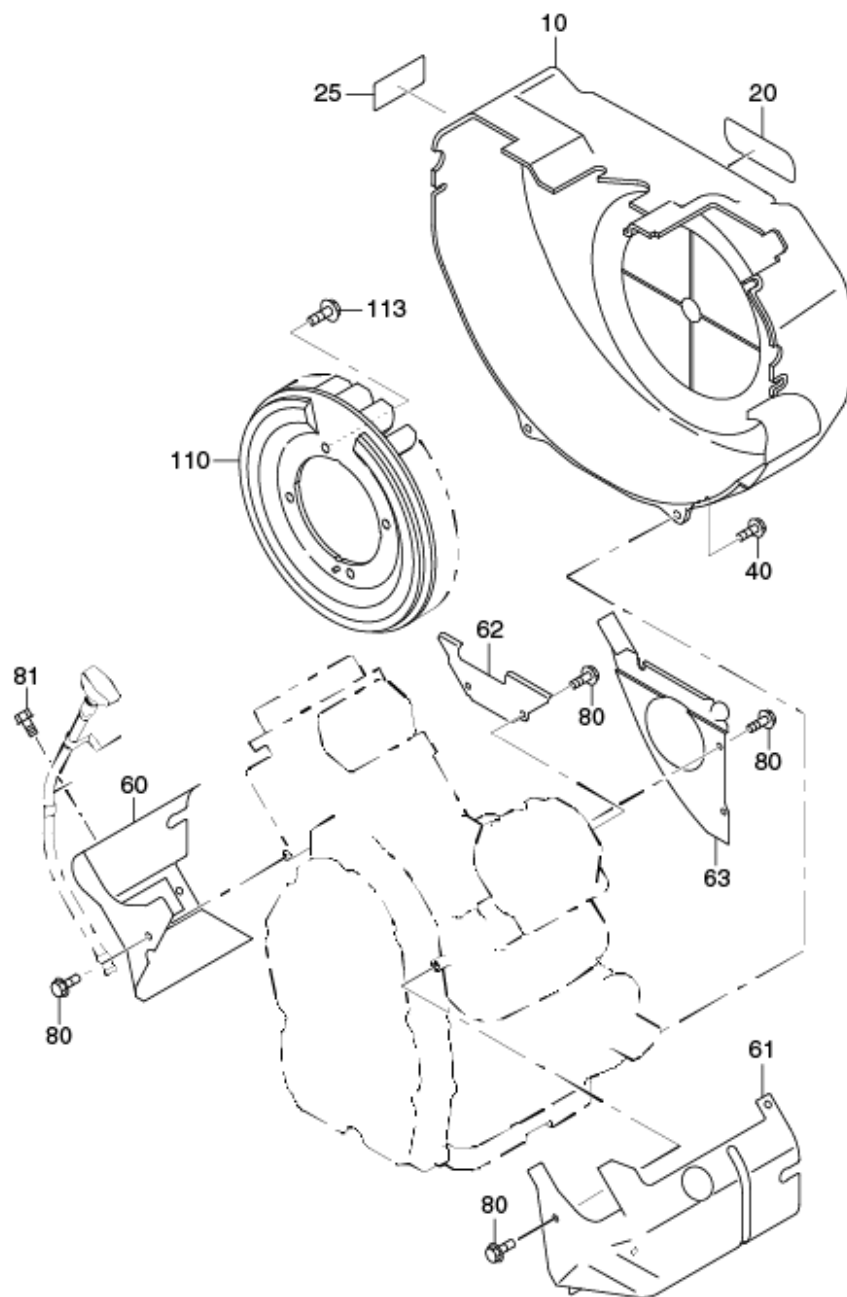
EH72

280040000W01

400 Governor

Ref	Part Number.	Description	Qty	Remark
10	263-42301-B3	GOVERNOR LEVER	1	
20	263-42201-A3	GOVERNOR SHAFT	1	
25	X23-00801-50	SPACER	1	8.3DX11.9DX6.4T
26	003-10080-00	WASHER	2	8.5DX16DX1.2T
30	20K-42701-03	GOVERNOR ROD	1	
40	20K-42801-03	ROD SPRING	1	
50	005-11060-01	SNAP PIN	1	
60	001-14063-00	BOLT AND WASHER AY	1	
70	018-60600-20	NUT	1	M6X1.0X4.9H SQUARE
80	263-42501-13	GOVERNOR SPRING	1	
310	263-43301-A3	SPEED CONTROL LEVER	1	
340	227-43501-13	STOP PLATE	1	
350	263-45002-03	SPRING WASHER	1	
355	021-70600-30	FRICTION WASHER	2	FIBER
360	011-50500-20	BOLT	2	M5X0.8X35L
370	002-27050-00	NUT	2	
381	002-35060-00	SELF LOCK NUT	1	M6X1.0X13DX6.9H
395	261-43901-03	CLAMP	2	
396	001-17052-00	BOLT & WASHER AY	2	
465	X84-14320-00	RUBBER FOAM	2	
435	263-45011-A2	BRACKET, SPEED CONTROL STANDARD	1	
485	011-00600-20	FLANGE BOLT	2	M6X1.0X14DX12L

500 Cooling & Starting

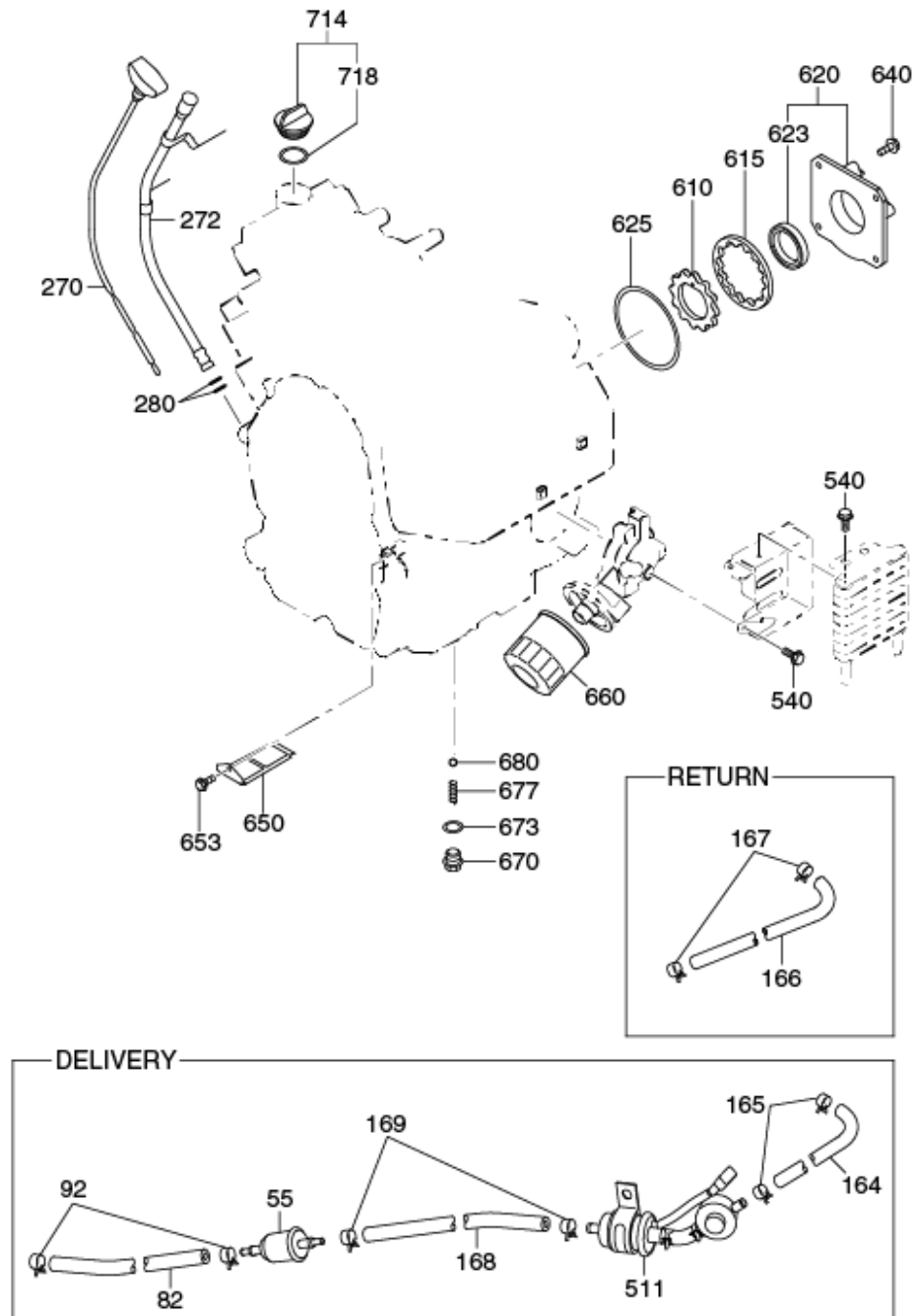


0500 0001 000

500 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
10	20K-51206-J2	BLOWER HOUSING UN	1	
20	073-20057-20	LABEL(FI)	1	
25	073-20058-60	LABEL(WARNING)	1	
25	073-20057-60	LABEL(WARNING)	1	
40	011-00600-30	FLANGE BOLT	8	M6X1.0X4DX14L
60	263-52622-01	CYLINDER BAFFLE 1 CP	1	
61	280-52721-01	CYLINDER BAFFLE 2 CP	1	
62	20K-52801-02	CYLINDER BAFFLE 3 UN	1	
63	263-52922-02	CYLINDER BAFFLE 4 UN	1	
80	011-00600-20	FLANGE BOLT	8	
81	011-00600-20	FLANGE BOLT	1	
110	263-54101-H2	COOLING BLOWER UN	1	
113	001-14061-60	BOLT AND WASHER AY	4	

600 Fuel, Lubrication

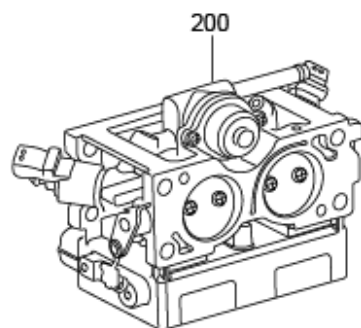


0600 0003 000

600 Fuel, Lubrication

Ref	Part Number.	Description	Qty	Remark
55	263-65012-A3	FILTER,FUEL	1	
82	X85-10613-81	RUBBER PIPE	1	6.4DX12.7DX80L
92	263-68501-03	HOSE CLAMP	2	11.4X7.9BX0.7T
164	X85-10616-60	RUBBER PIPE	1	6.4DX12.7DX430L
165	263-68501-03	HOSE CLAMP	2	11.4DX7.9BX0.7T
166	X85-10614-81	RUBBER PIPE	1	6.4DX12.7DX700L
167	263-68501-03	HOSE CLAMP	2	11.4DX7.9BX0.7T
168	X85-10616-40	RUBBER PIPE	1	
169	263-68501-03	HOSE CLAMP	2	11.4DX7.9BX0.7T
270	263-63604-11	GAUGE CP,OIL LEVEL	1	
272	263-63622-01	GUIDE CP	1	
280	024-01000-20	O-RING	2	
511	20K-62201-00	FUEL PUMP ASSY	1	
540	011-00600-20	FLANGE BOLT	6	M6X1.0X14DX12L
610	263-63901-13	INNER ROTOR	1	
615	263-63902-13	OUTER ROTOR	1	
620	263-64002-01	OIL PUMP COVER CP	1	
623	044-03501-70	OIL SEAL	1	
625	X24-08900-30	O RING	1	
640	011-00600-30	FLANGE BOLT	4	
650	263-64302-02	OIL PUMP FILTER UN	1	
653	263-65011-A3	FLANGE BOLT	1	
660	248-65801-10	OIL FILTER AY	1	
670	263-65001-13	PLUG(OIL RELIEF)	1	M14X1.5X20DX12L
673	003-70140-00	GASKET,ALUMINUM	1	
677	263-66001-03	SPRING(RELIEF VALVE)	1	7.8DX1DX25L N=8.5
680	006-90308-00	STEEL BALL	1	
714	280-63602-A1	OIL FILLER CAP CP	1	
718	263-64414-A3	O RING	1	26.6DX31.9D

640 Carburator

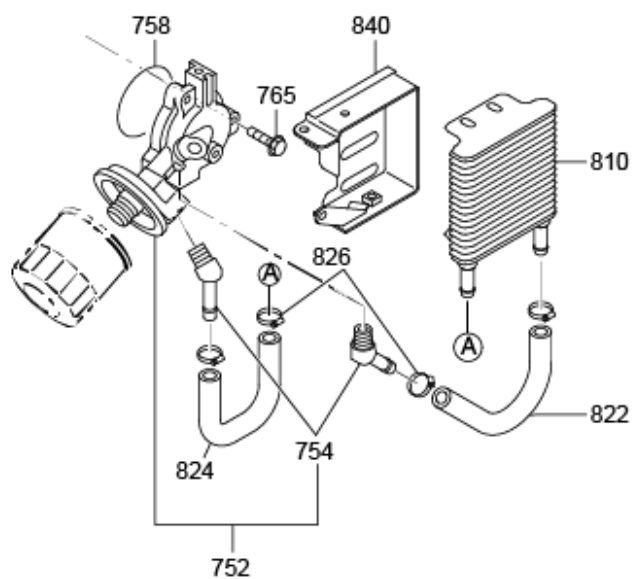


0640 0001 000

640 Carburator

Ref	Part Number.	Description	Qty	Remark
200	20K-62401-10	THROTTLE BODY AY	1	

685 Oil Cooler

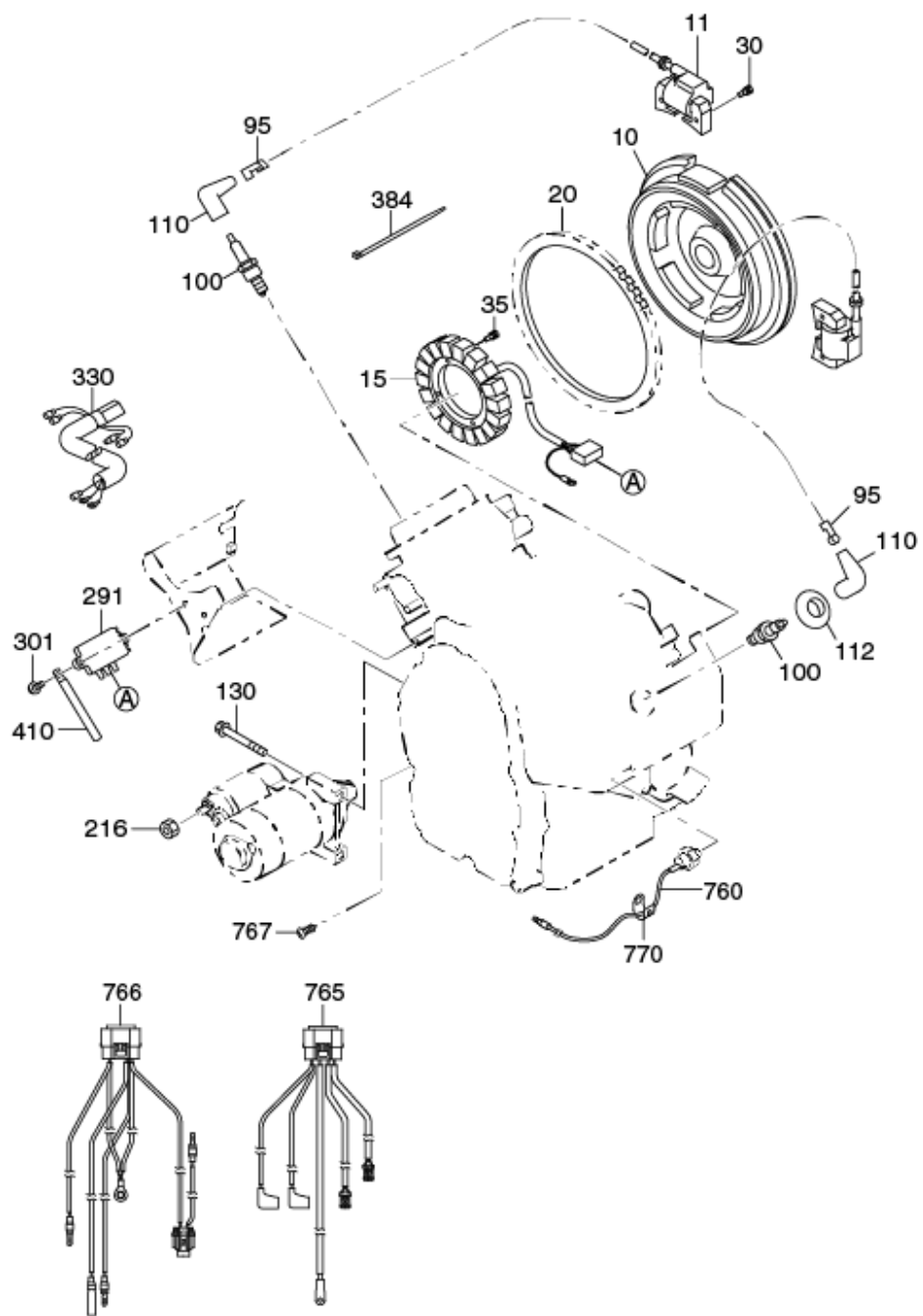


0685 0001 000

685 Oil Cooler

Ref	Part Number.	Description	Qty	Remark
752	280-65011-03	ADAPTER(OIL COOL) CP	1	
754	280-65025-A3	ELBOW ADAPTER 1	2	
758	024-05900-30	O RING	1	
765	011-00601-01	FLANGE BOLT	3	M6X1.0X13DX28L
810	280-65001-C1	OIL COOLER CP	1	
822	280-65037-03	HOSE 1, OIL COOLER	1	
824	280-65038-03	HOSE 2, OIL COOLER	1	
826	X56-10900-30	HOSE CLAMP	4	
840	280-65030-01	BRACKET CP, OIL COOLER	1	

700 Ignition

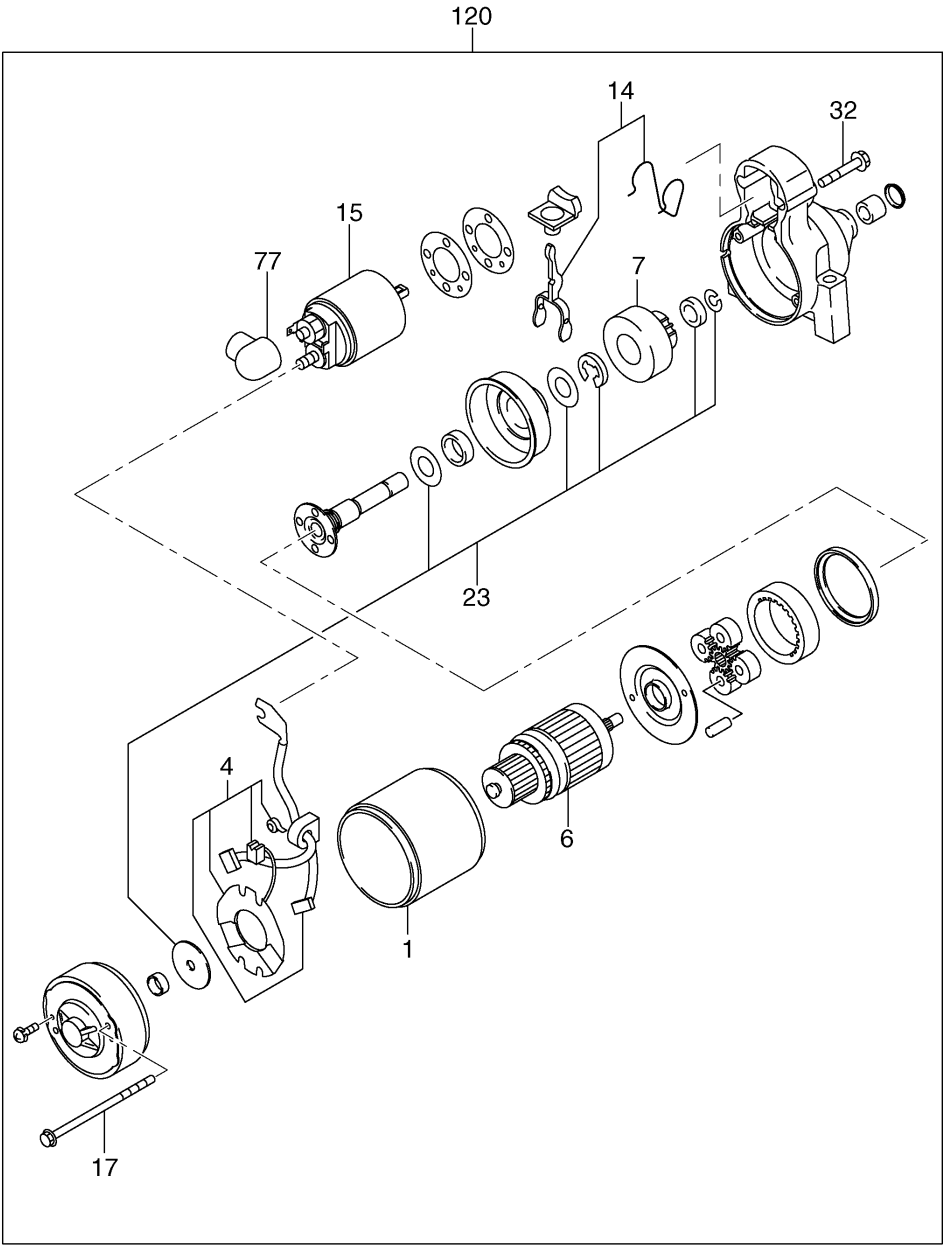


0700 0001 000

700 Ignition

Ref	Part Number.	Description	Qty	Remark
10	263-77207-01	FLYWHEEL CP	1	
11	263-78202-21	IGNITION COIL CP	2	MARK AE
15	263-79402-B1	CHARGE COIL CP	1	
20	263-71002-H3	RING GEAR	1	
30	001-14062-50	BOLT AND WASHER AY	4	M6X1.0X25L W/W, SW
35	001-16052-50	BOLT & WASHER AY	4	
95	X65-91000-10	PLUG TERMINAL	2	
100	065-01402-80	SPARK PLUG	2	NGK BPR5ES
110	X65-51000-10	SPARK PLUG CAP	2	
112	279-55201-03	GROMMET(PLUG CAP)	1	
130	011-00801-00	FLANGE BOLT	2	M8X1.25X17DX65L
216	002-38080-00	FLANGE NUT	1	M8X1.25X17DX7.5H
291	263-71902-A1	REGULATOR CP	1	
301	011-00601-40	FLANGE BOLT	2	M6X1.0X14DX18L
330	263-73130-A1	WIRING HARNESS	1	
384	056-30000-10	WIRE BAND	4	4.5BX1.2TX200L
410	056-60002-50	CLAMP	1	6.5DX10BX95LX0.6T
760	263-73102-11	WIRE AY(OIL PRE.SW.)	1	
765	20K-73101-01	WIRING HARNESS 1	1	
766	20K-73102-11	WIRING HARNESS 2	1	
767	015-00400-10	TAPPING SCREW	1	
770	206-75501-01	CLAMP CP	1	

731 Ignition



0700 0002 000

731 Ignition

Ref	Part Number.	Description	Qty	Remark
120	263-70504-J0	STARTING MOTOR AY	1	
1	263-70562-H8	MACHINE SHELL ASSEMBLY	1	
4	263-70530-J8	BRUSH ASSEMBLY	1	
6	263-70565-H8	ARMATURE	1	
7	263-70523-H8	ONE-WAY CLUTCH	1	
14	263-70525-H8	SHIFT LEVER SET	1	
15	263-70516-H8	SOLENOID SWITCH	1	
17	263-70587-H8	HEXAGON BOLTS WITH F	2	
23	263-70588-H8	WASHER STOPPER SET	1	
32	263-70517-H8	SHEATHING	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
-----	9	246-33711-13	11	263-70588-H8	27
001-05084-00	9	246-35501-03	11	263-71002-H3	25
001-14061-60	17	248-65801-10	19	263-71902-A1	25
001-14062-50	25	261-43901-03	15	263-73102-11	25
001-14063-00	15	263-11003-11	5	263-73130-A1	25
001-16052-50	25	263-14202-03	5	263-76102-H1	5
001-17052-00	15	263-14302-03	5	263-77207-01	25
002-27050-00	15	263-14422-03	5	263-78202-21	25
002-35060-00	15	263-15503-03	5	263-79402-B1	25
002-38060-00	11	263-15505-03	5	267-35701-03	11
002-38080-00	11, 25	263-15805-03	5	267-36102-03	11
003-10080-00	15	263-16002-A3	6	270-35201-01	11
003-10180-00	9	263-16007-03	5	277-41902-01	6
003-70140-00	19	263-16111-03	5	279-55201-03	25
005-11060-01	15	263-19111-03	5	280-10102-11	5
005-32054-01	9	263-21011-11	9	280-14411-01	5
006-90308-00	19	263-22601-30	9	280-15001-23	5
010-50601-91	11	263-23301-33	9	280-15101-23	5
010-50802-90	5	263-25022-03	9	280-18001-03	11
011-00600-20	11, 15, 17, 19	263-25023-03	9	280-19001-03	5
011-00600-30	5, 17, 19	263-25024-03	9	280-23411-H3	9
011-00601-01	5, 23	263-32610-A1	13	280-31801-03	11
011-00601-40	25	263-32630-03	13	280-32626-A1	13
011-00801-00	25	263-32640-01	13	280-33005-H1	11
011-00802-20	5	263-33301-A3	11	280-35501-03	11
011-01000-70	5	263-33401-H3	11	280-35622-03	11
011-50500-20	15	263-33502-H3	11	280-38001-03	11
015-00400-10	25	263-35331-01	11	280-52721-01	17
017-00601-10	11	263-35333-03	11	280-63602-A1	19
018-01800-10	9	263-35341-03	5	280-65001-C1	23
018-60600-20	15	263-35513-03	11	280-65011-03	23
021-11400-20	5	263-35801-03	11	280-65025-A3	23
021-70600-30	15	263-37002-A3	11	280-65030-01	23
024-01000-20	19	263-42201-A3	15	280-65037-03	23
024-05900-30	23	263-42301-B3	15	280-65038-03	23
031-00600-20	5	263-42501-13	15	280-66202-03	11
031-00801-10	5	263-43301-A3	15	280-99001-17	6
040-11400-30	5	263-45002-03	15	X23-00801-50	15
044-00800-10	5	263-45004-11	6	X24-08900-30	19
044-03501-70	19	263-45011-A2	15	X56-10900-30	23
044-04200-30	5	263-46214-03	6	X60-04500-20	5
056-12000-20	11	263-46215-A3	6	X65-51000-10	25
056-30000-10	25	263-52622-01	17	X65-91000-10	25
056-51000-50	5	263-52922-02	17	X84-14320-00	15
056-52100-20	9	263-54101-H2	17	X85-10613-81	19
056-60002-50	25	263-55601-03	5	X85-10614-81	19
065-01402-80	25	263-63604-11	19	X85-10616-40	19
073-20057-20	17	263-63622-01	19	X85-10616-60	19
073-20057-60	17	263-63901-13	19		
073-20058-60	17	263-63902-13	19		
132-11AA1-10	5	263-64002-01	19		
206-75501-01	25	263-64302-02	19		
20K-13002-11	5	263-64414-A3	19		
20K-13102-11	5	263-65001-13	19		
20K-32601-A0	13	263-65011-A3	19		
20K-42701-03	15	263-65012-A3	19		
20K-42801-03	15	263-66001-03	19		
20K-51206-J2	17	263-68501-03	19		
20K-52801-02	17	263-70504-J0	27		
20K-62201-00	19	263-70516-H8	27		
20K-62401-10	21	263-70517-H8	27		
20K-73101-01	25	263-70523-H8	27		
20K-73102-11	25	263-70525-H8	27		
20K-91702-03	11	263-70530-J8	27		
227-43501-13	15	263-70562-H8	27		
235-15421-03	5	263-70565-H8	27		
246-33611-03	11	263-70587-H8	27		

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

ADAPTER(OIL COOL) CP.....23
AIR CLEANER AY.....13
ARMATURE.....27

B

BALL BEARING.....5
BLIND PLUG CP.....5
BLOWER HOUSING UN.....17
BOLT.....15
BOLT & WASHER AY.....15, 25
BOLT AND WASHER AY.....15, 17, 25
BOLT(PIVOT).....11
BRACKET CP, OIL COOLER.....23
BRACKET, SPEED CONTROL STANDARD.....15
BREATHER COVER.....5
BREATHER PIPE.....11
BREATHER PLATE CP.....5
BRUSH ASSEMBLY.....27

C

CAM SHAFT.....11
CAP(VINYL).....11
CHARGE COIL CP.....25
CLAMP.....15, 25
CLAMP CP.....25
CLEANER ADAPTER.....11
CLEANER BASE CP.....13
CLEANER COVER.....13
CLEANER ELEMENT CP.....13
CLIP.....5, 9
COLLET-VALVE.....11
CONNECTING ROD AY.....9
COOLING BLOWER UN.....17
CRANKCASE CP.....5
CRANKSHAFT CP.....9
CYLINDER BAFFLE 1 CP.....17
CYLINDER BAFFLE 2 CP.....17
CYLINDER BAFFLE 3 UN.....17
CYLINDER BAFFLE 4 UN.....17
CYLINDER HEAD 1 CP.....5
CYLINDER HEAD 2 CP.....5

D

DOWEL PIN.....5

E

ELBOW ADAPTER 1.....23
EXHAUST VALVE.....11

F

FILTER,FUEL.....19
FLANGE BOLT.....5, 9, 11, 15, 17, 19, 23, 25
FLANGE NUT.....9, 11, 25
FLYWHEEL CP.....25

FRICITION WASHER.....15
FUEL PUMP ASSY.....19

G

GASKET.....5
GASKET (M.B COVER).....6
GASKET 1 (CYL HEAD).....5
GASKET 2 (CYL HEAD).....5
GASKET CP (MUFFLER).....11
GASKET SET.....6
GASKET(ADAPTER).....11
GASKET(BREATHERPLATE).....5
GASKET(CARBURETOR).....11
GASKET(CLEANER).....11
GASKET(IN MANIFOLD).....11
GASKET(ROCKER COVER).....5
GASKET,ALUMINUM.....19
GAUGE CP,OIL LEVEL.....19
GOVERNOR GEAR CP.....6
GOVERNOR LEVER.....15
GOVERNOR ROD.....15
GOVERNOR SHAFT.....15
GOVERNOR SLEEVE CP.....6
GOVERNOR SPRING.....15
GROMMET(PLUG CAP).....25
GUIDE CP.....19
GUIDE PLATE.....11

H

HEXAGON BOLTS WITH F.....27
HOOK.....5
HOSE 1, OIL COOLER.....23
HOSE 2, OIL COOLER.....23
HOSE CLAMP.....11, 19, 23

I

IGNITION COIL CP.....25
INNER ROTOR.....19
INTAKE MANIFOLD CP.....11
INTAKE VALVE.....11

L

LABEL(FI).....17
LABEL(TRADE MARK).....11
LABEL(WARNING).....17

M

MACHINE SHELL ASSEMBLY.....27
MAIN BEARING.....5
MAINBEARING COVER CP.....5

N

NUT.....11, 15

O

O RING.....19, 23

O-RING.....19
OIL COOLER CP.....23
OIL FILLER CAP CP.....19
OIL FILTER AY.....19
OIL PUMP COVER CP.....19
OIL PUMP FILTER UN.....19
OIL SEAL.....5, 19
ONE-WAY CLUTCH.....27
OUTER ROTOR.....19

P

PIPE.....5
PISTON.....9
PISTON PIN.....9
PISTON RING SET.....9
PIVOT.....11
PLUG.....5
PLUG (PULSE PIPE HOLE).....5
PLUG TERMINAL.....25
PLUG(OIL RELIEF).....19
PUSH ROD CP.....11

R

REGULATOR CP.....25
RETAINER PLATE.....5
RING GEAR.....25
ROCKER ARM.....11
ROCKER COVER.....5
ROD SPRING.....15
RUBBER FOAM.....15
RUBBER PIPE.....19

S

SEAL-EXH VALVE.....5
SELF LOCK NUT.....15
SHEATHING.....27
SHIFT LEVER SET.....27
SNAP PIN.....15
SOLENOID SWITCH.....27
SPACER.....15
SPACER (0.8).....9
SPACER (1.0).....9
SPACER (1.2).....9
SPARK PLUG.....25
SPARK PLUG CAP.....25
SPEED CONTROL LEVER.....15
SPRING RETAINER.....11
SPRING WASHER.....15
SPRING(RELIEF VALVE).....19
STARTING MOTOR AY.....27
STEEL BALL.....19
STOP PLATE.....15
STUD.....5, 11
SWITCH OIL PRESSURE.....5

T

TAPPET.....11
TAPPING SCREW.....25

Part Description Index (continued)

THROTTLE BODY AY.....21
THRUST BEARING.....6

V

VALVE GUIDE.....5
VALVE SPRING.....11

W

WASHER.....6, 9, 15
WASHER STOPPER SET.....27
WING NUT.....13
WIRE AY(OIL PRE.SW.).....25
WIRE BAND.....25
WIRING HARNESS.....25
WIRING HARNESS 1.....25
WIRING HARNESS 2.....25
WOODRUFF KEY.....9

This Page Intentionally Left Blank

PRINTED IN THE USA

Subaru Industrial Power Products

905 Telser Road - Lake Zurich, IL 60047

Phone 847-540-7300 - Fax 847-438-5012

e-mail: sales@subarupower.com - www.subarupower.com