

PARTS MANUAL

MODEL
EH90

EH900DS0010

06/15



SUBARU

Industrial Power Products

Subaru Industrial Power Products

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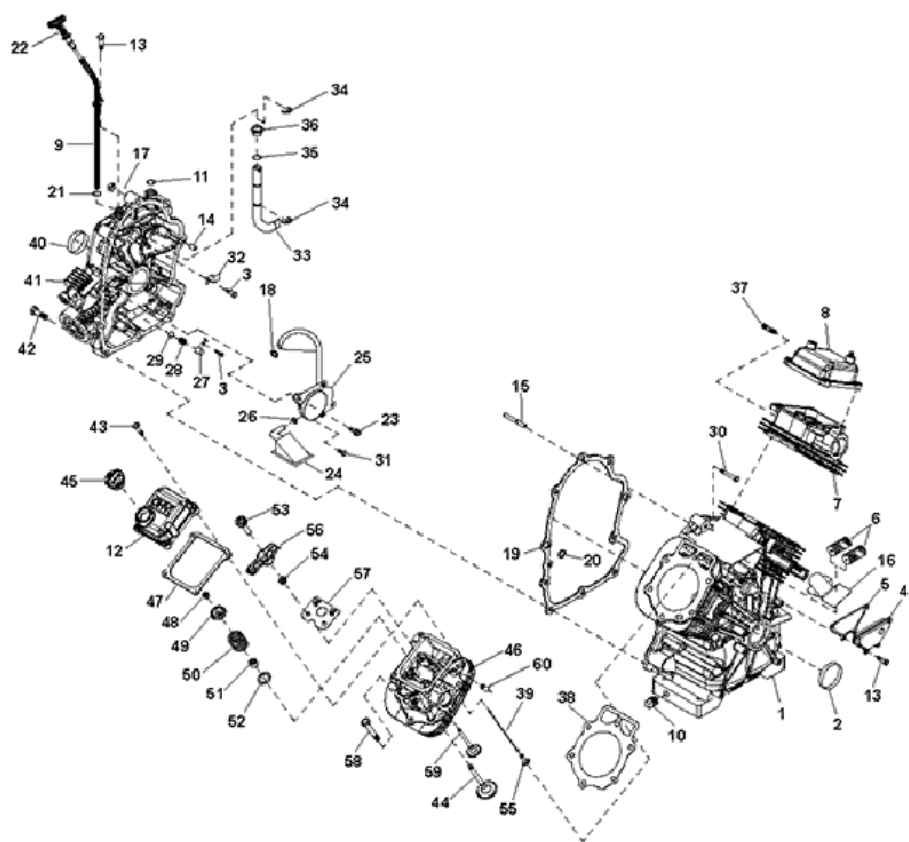
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100 Crankcase



61-Engine Gasket Set

0100 0003 000

100 Crankcase

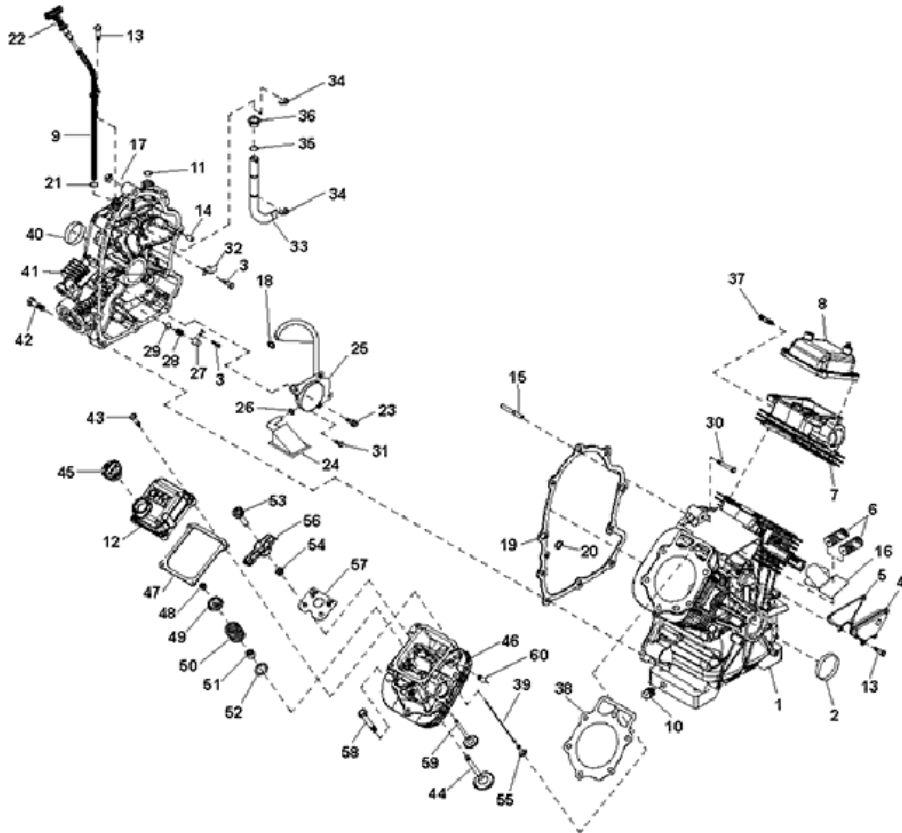
Ref	Part Number.	Description	Qty	Remark
1	22J-11854-80	CRANKCASE AY WITH SLEEVE	1	
2	22J-11153-40	SEAL, CRANKCASE	1	
3	22J-11038-80	SCREW	3	
4	22J-11910-00	BREAATHER DUAL VALVE AY	1	
5	22J-11300-50	GASKET, BREATHER COVER	1	
6	22J-11332-20	SEPARATOR, OILD BREATHER	2	
7	22J-11091-60	CYLINDER HEAD AY	1	
8	22J-11069-30	ROCKER COVER AY, W/PULSE BARB	1	
9	22J-11927-20	TUBE DIPSTICK	1	
10	22J-11478-80	PLUG	1	
11	22J-11299-30	SEAL, GOVERNOR SHAFT	1	
12	22J-11272-30	ROCKER COVER, W/OIL FILL	1	
13	22J-11614-70	SCREW	5	
14	22J-11786-99	SLEEVE, DOWEL PIN	2	
15	22J-11298-30	SHAFT, GOVERNOR	1	
16	22J-11855-80	BREATHER DIVERTER	1	
17	22J-11534-30	LOCKNUT	1	
18	22J-11908-60	O-RING	1	
19	22J-11297-70	GASKET, CRANK CASE	1	
20	22J-11594-30	SEAL, OIL PASSAGE	1	
21	22J-11302-70	O-RING 3/8 X 1/2	1	
22	22J-11266-40	DIPSTICK AY	1	
23	22J-11643-10	SCREW	2	
24	22J-11609-80	SCREEN, OIL PICKUP	1	
25	22J-11412-30	OIL PUMP AY W/O O-RING	1	
26	22J-11815-20	O-RING	1	
27	22J-11301-11	COVER, OIL REKIEF	2	
28	22J-11300-90	SPRING, OIL RELIEF	2	
29	22J-11301-10	BALL, OIL RELIEF	2	
30	22J-11048-60	SCREW	1	
31	22J-11545-80	SCREW, PLASTITE HI-LOW	1	
32	22J-11599-80	CLAMP, OILTUBE	1	
33	22J-11166-70	ARM, GOVERNOR	1	
34	22J-11299-10	E-RING, GOVERNOR ARM	2	
35	22J-11298-80	THRUST WASHER, GOVERNOR	1	
36	22J-11299-20	BUSHING, GOVERNOR LEVER	1	
37	22J-114457-61	STUD	4	
38	22J-11297-80	GASKET, CYLINDER HEAD	2	

100 Crankcase

Ref	Part Number.	Description	Qty	Remark
39	22J-11985-30	PUSHROD	4	
40	22J-11203-50	SEAL, CRANKSHFT	1	
41	22J-11365-80	COVER AY, W/SLEEVE	1	
42	22J-11300-60	SCREW	9	
43	22J-11803-18	SCREW	8	
44	22J-11222-90	VALVE, INTAKE	2	
45	22J-11306-40	OIL FILL CAP AY	1	
46	22J-11091-70	CYLINDER HEAD AY, 2	1	
47	22J-11297-90	GASKET, VALVE COVER	2	
48	22J-11651-50	KEEPER, VALVE SPRING	8	
49	22J-11227-40	RETAINER, VALVE SPRING	4	
50	22J-11386-70	SPRING, VALVE	4	
51	22J-11867-20	SEAL, VALVE STEM	2	
52	22J-11537-10	WASHER, VALVE SPRING	4	
53	22J-11269-40	STUD, TOCKER ARM PIVOT	4	
54	22J-11399-80	NUT HEX	4	
55	22J-11389-70	TAPPET, SOLID	4	
56	22J-11531-30	TOCKER ARM	4	
57	22J-11967-90	PUSH ROD GUIDE PLATE	2	
58	22J-11297-60	SCREW	12	
59	22J-11147-80	VALVE EXHAUST	2	
60	22J-11869-90	SLEEVE, DOWEL PIN	4	
61	22J-99855-00	ENGINE GASKET SET	1	

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100 Crankcase



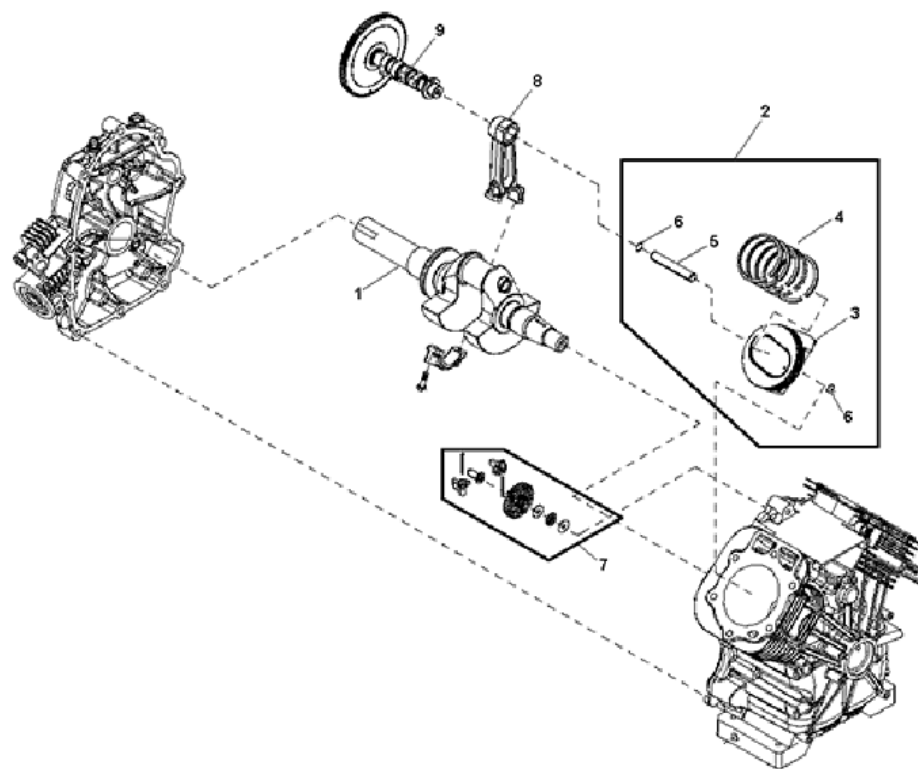
61-Engine Gasket Set

0100 0003 000

100 Crankcase

No Parts List associated with this diagram

200 Crankshaft

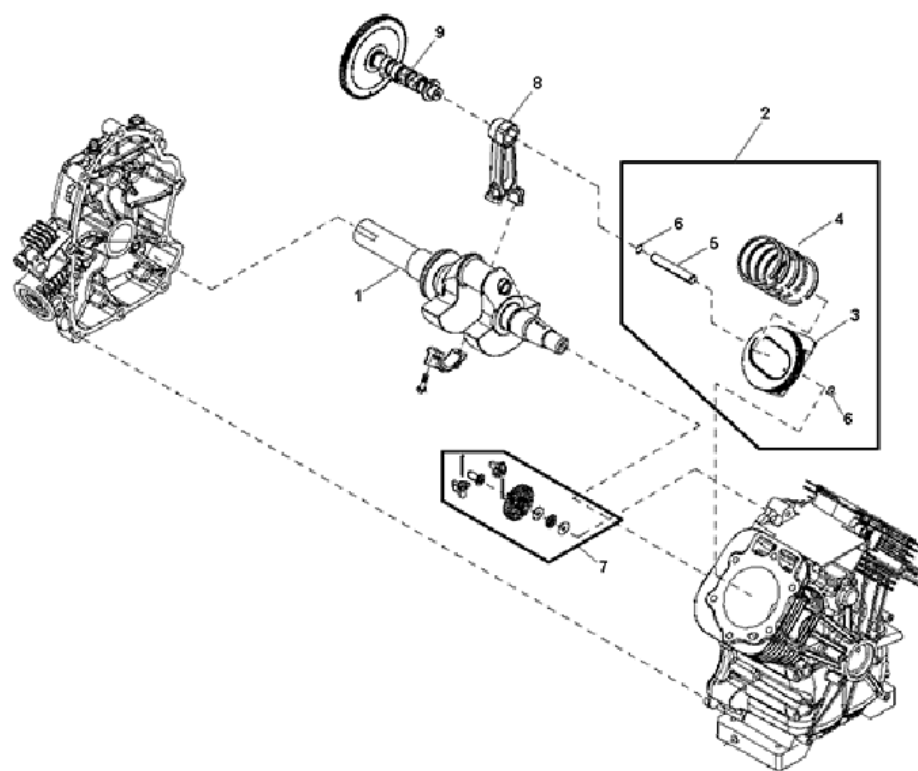


0200 0002 000

200 Crankshaft

Ref	Part Number.	Description	Qty	Remark
1	22J-20500-10	CRANKSHAFT AY, 1-7/16"	1	
1	22J-20500-C0	CRANKSHAFT AY, 1-1/8"	1	
2	22J-23163-30	PISTON AY (KIT)	1	
3	22J-23098-90	PISTON	2	
4	22J-23256-50	TING SET	2	
5	22J-23794-00	WRIST PIN	2	
6	22J-23198-30	RETAINER PISTON PIN	4	
7	22J-23336-70	GOVERNOR GEAR AY	1	
8	22J-23896-80	CONNECTING ROD AY	2	
9	22J-23797-40	CAMSHAFT AY	1	

200 Crankshaft

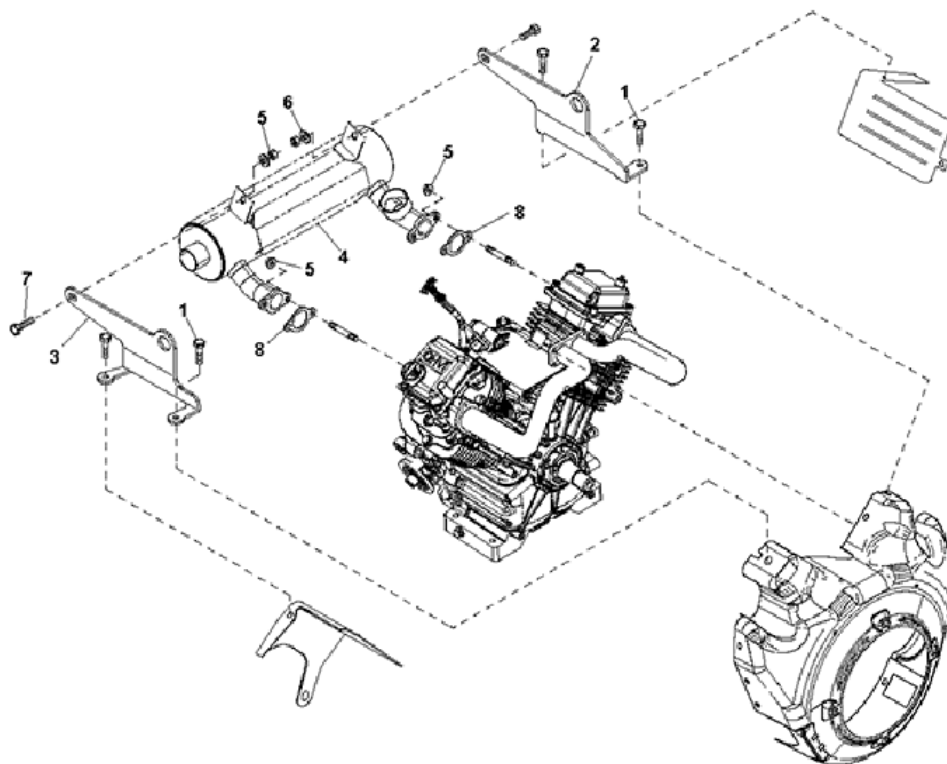


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200 Crankshaft

No Parts List associated with this diagram

300 Intake & Exhaust

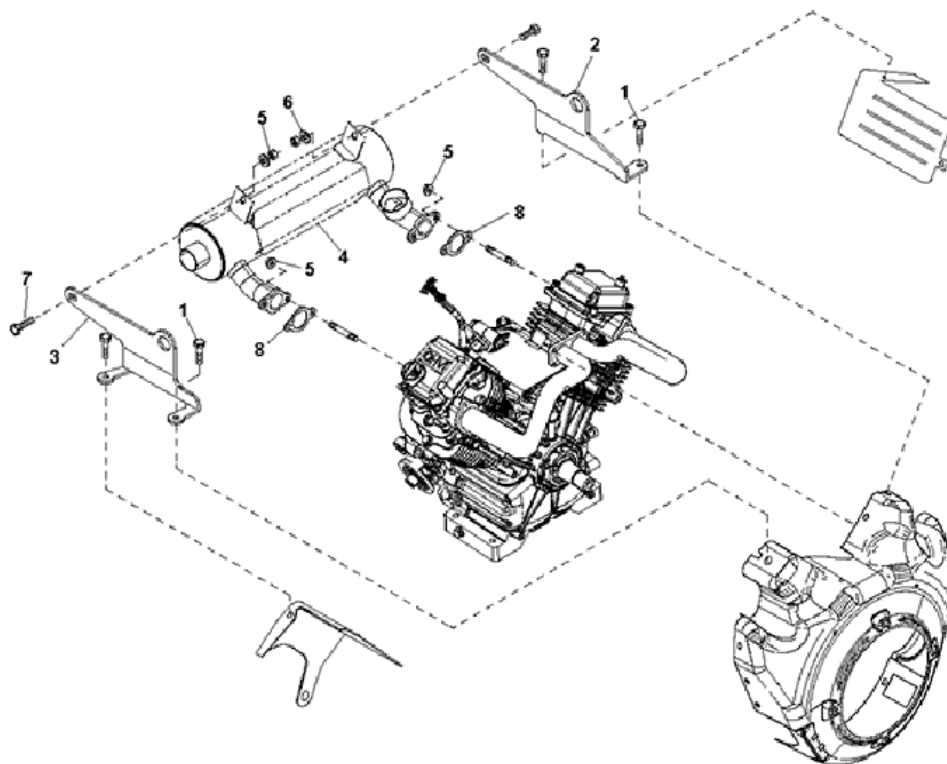


0300 0002 000

300 Intake & Exhaust

Ref	Part Number.	Description	Qty	Remark
1	22J-33856-60	SCREW	4	
2	22J-33670-80	SUPPORT, MUFFLER W/LIFT EYE-RH	1	
3	22J-33670-81	SUPPORT, MUFFLER W/LIFT EYE-LH	1	
4	22J-33046-20	NUT, HEX W/TOOTH WASHER	6	
5	22J-33214-50	WASHER, FLAT	4	
6	22J-33214-50	WASHER, FLAT	4	
7	22J-33925-30	SCREW	2	
8	22J-33413-80	GASKET, EXHAUST PORT	2	

300 Intake & Exhaust

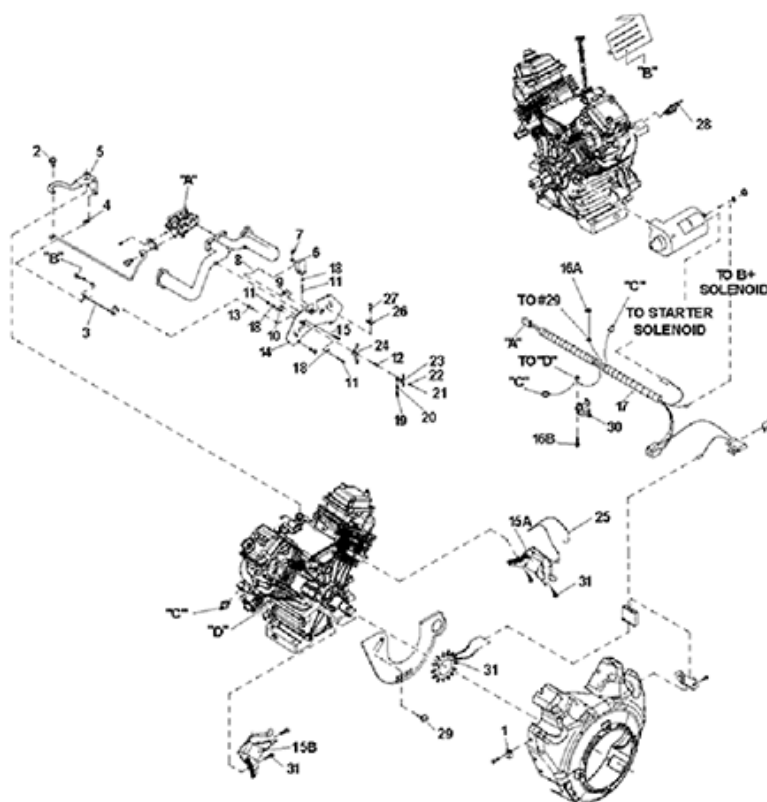


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300 Intake & Exhaust

No Parts List associated with this diagram

400 Govenor

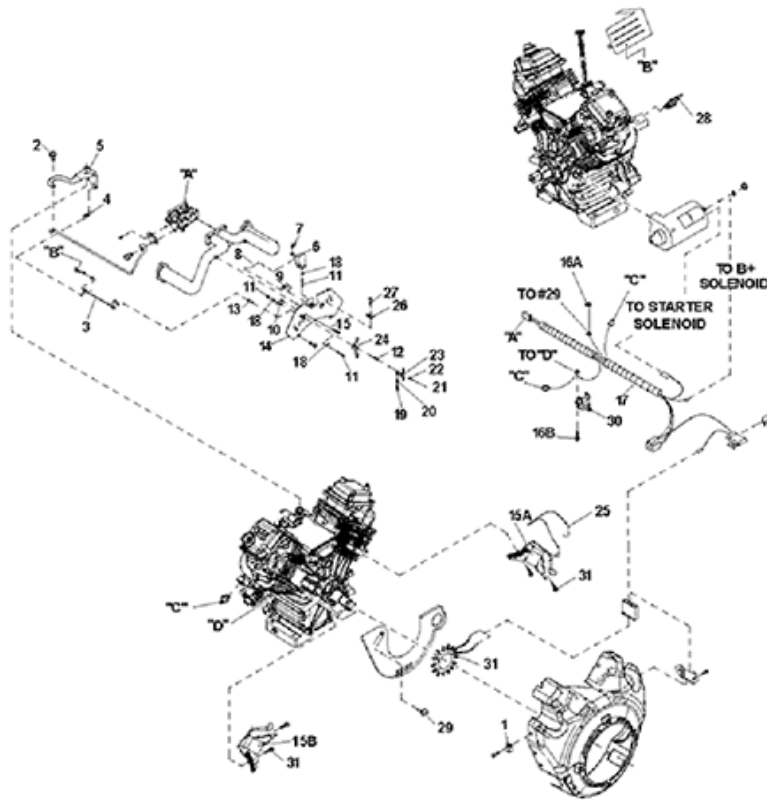


0400 0002 000

400 Govenor

Ref	Part Number.	Description	Qty	Remark
1	22J-42212-10	CLAMP-J VINYL COATED	2	
2	22J-42167-20	BOLT, GOVERNOR LINK SHOULDER	1	
3	22J-42913-70	ASSY, SPEED CPMTRP; RPD	1	
4	22J-42835-80	SPRING, GOVERNOR	1	
5	22J-42896-60	GOVERNOR LEVER AY	1	
6	22J-42904-60	BELLCRANK, CHOKE	1	
7	22J-42136-60	BUSHING, GOVERNOR ROD	1	
8	22J-42925-30	ROD, BELLCRAND TO CHOKE LEVER	1	
9	22J-42436-30	SPRING, CHOKE RETURN	1	
10	22J-42273-40	BELLCRANK, THROTTLE-CHOKE	1	
11	22J-42924-50	RIVET	3	
12	22J-42265-20	STUD, THROTTLE CONTROL	1	
13	22J-42265-10	BUSHING, THROTTLE CONTROL	1	
14	22J-42900-40	PANEL, CONTROL FACE PLATE	1	
15	22J-42071-10	RIVET, POP	1	
15A	22J-42334-01	IGNITION COIL AY, CYLINDER #1	1	
15B	22J-43224-02	IGNITION COIL AY, CYLINDER #2	1	
16A	22J-42202-50	NUT, HEX LOCK	1	
16B	22J-42709-50	SCREW	2	
17	22J-42498-30	WIRING HARNESS	1	
18	22J-42741-70	BUSHING, SLEEVE	2	
19	22J-42986-10	SCREW	1	
20	22J-42375-10	SPRING (IDLE RETURN)	1	
21	22J-42739-80	NUT, HEX LOCK (037398)	1	
22	22J-42436-20	WASHER, WAVE	1	
23	22J-42813-70	LEVER, THROTTLE	1	
24	22J-42835-70	LEVER, CHOKE	1	
25	22J-42117-70	ASSEMBLY, GROUND WIRE	1	
26	22J-42419-00	CLAMP, 3/16" COATED CABLE	6	
27	22J-54557-90	SCREW	6	
28	22J-42758-50	SPARK PLUG, CHAMPION (RC14YC4)	2	
29	22J-42499-70	CONNECTOR, GROUND WIRE	1	
30	22J-42409-00	THERMAL SWITCH	1	
31	22J-42311-10	SCREW	4	

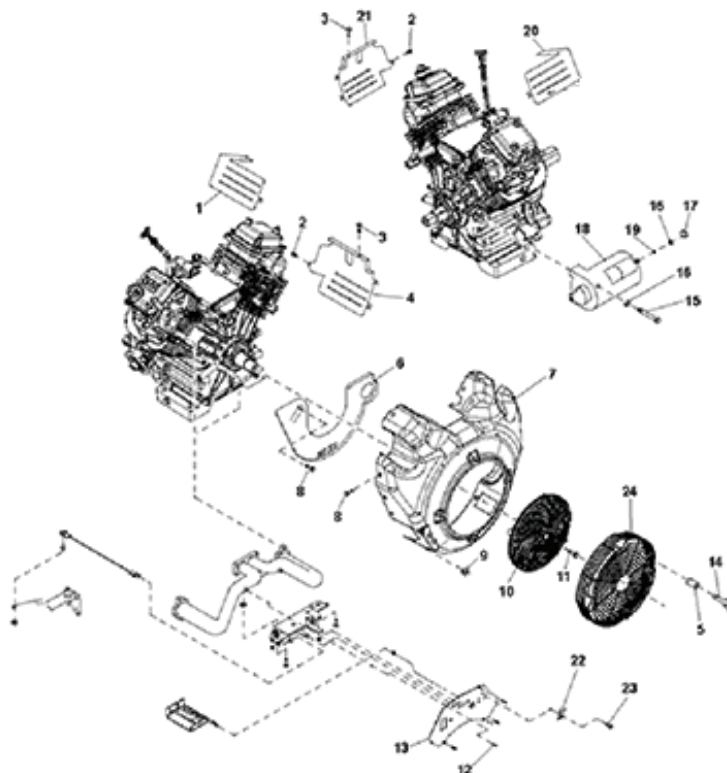
400 Govenor



0400 0002 000

No Parts List associated with this diagram

500 Cooling & Starting

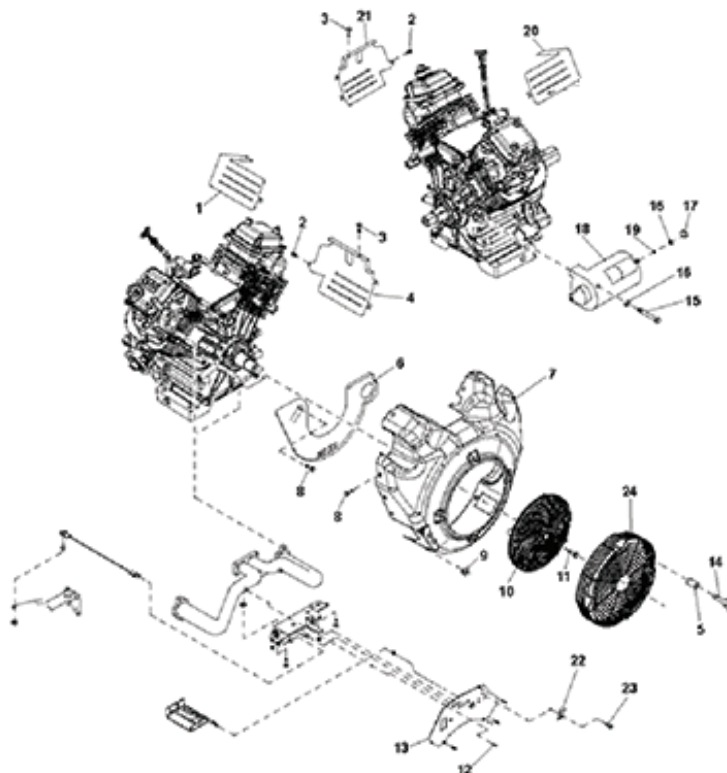


0500 0002 000

500 Cooling & Starting

Ref	Part Number.	Description	Qty	Remark
1	22J-54301-80	WRAPPER, UPPER CYLINDER #1	1	
2	22J-54091-90	SCREW	2	
3	22J-54604-30	SCREW	2	
4	22J-54301-90	WRAPPER, LOWER CYLINDER #1	1	
5	22J-54314-60	SPACER, ROTATING SCREEN GUARD	4	
6	22J-54492-80	BACKIN PLATE, W/REG	1	
7	22J-54116-90	BLOWER HOUSING	1	
8	22J-11038-80	SCREW	14	
9	22J-54976-30	NUT, GROMMET 1/4 PLUG	4	
10	22J-54968-40	SCREEN, ROTATING FRONT PRO	1	
11	22J-54711-50	SCREW	4	
12	22J-54575-60	SCREW	4	
13	22J-54827-50	CONTROL PANEL	1	
14	22J-54381-40	KNOB, AIR CLEANER	4	
15	22J-54190-60	SCREW	2	
16	22J-54212-90	LOCK WASHER	3	
17	22J-54546-70	NUT, HEX	1	
18	22J-54427-10	STARTER, DELCO	1	
19	22J-33214-50	WASHER, FLAT	1	
20	22J-54114-30	WRAPPER, UPPER CYLINDER #2	1	
21	22J-54114-20	WRAPPER, LOWER CYLINDER #2	1	
22	22J-42419-00	CLAMP	3	
23	22J-54557-90	SCREW	3	
24	22J-54781-50	ROTATING SCREEN GUARD AY	1	

500 Cooling & Starting

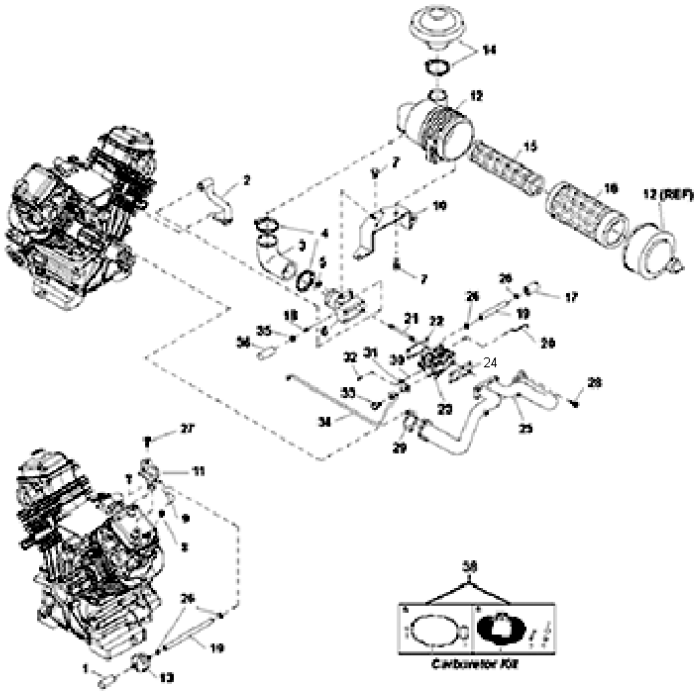


0500 0002 000

500 Cooling & Starting

No Parts List associated with this diagram

600 Fuel & Lubricant



0600 0004 000

600 Fuel & Lubricant

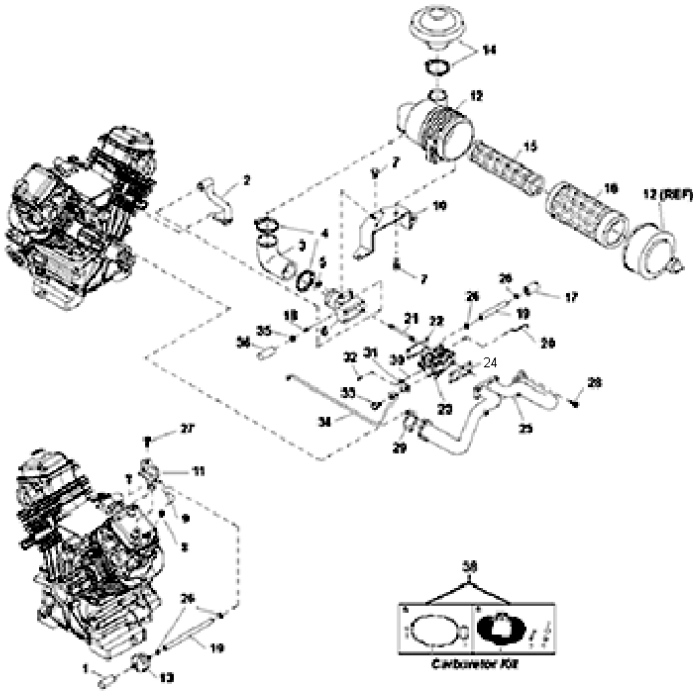
Ref	Part Number.	Description	Qty	Remark
1	22J-32012-40	END-CAP L-BLUE	1	
2	22J-32642-40	BREATHER HOSE	1	
3	22J-32480-70	HOSE, AIR CLEANER CONNECTOR	1	
4	22J-32168-00	CLAMP, HOSE	2	
5	22J-32838-80	NUT, HEX FLANGE	4	
6	22J-32305-90	ADAPTOR, CARB. TO AIRBOX	1	
7	22J-32950-70	SCREW	4	
8	22J-32803-10	CLAMP HOSE GREEN	1	
9	22J-62083-20	ELBOW, RUBBER 90 DEGREE GASOLINE	1	
10	22J-32283-60	BRACKET, AIR CLEANER SUPPORT	1	
11	22J-62626-30	PUMP, PULSE	1	
12	22J-32764-20	CLEANER, AIR W/M8 MOUNTING BASE	1	
13	22J-65631-30	FILTER, FUEL	1	
14	22J-32013-60	CAP, INLET DONALDSON	1	
15	263-32613-A1	FILTER, ELEMENT #2	1	
16	263-32612-A1	FILTER, ELEMENT #1	1	
17	22J-32440-90	SLEEVING, FLEXO	1	
18	22J-32009-60	BARBED STR	1	
19	22J-32917-60	HOSE	2	
20	22J-42996-00	ROD, CHOKE	1	
21	22J-62602-10	STUD	4	
22	22J-62402-60	GASKET, AIRBOX TO SPACER/CARB	1	
23	22J-62315-30	CARBURETOR W/BALL STUD-EH90	1	
23	22K-62314-90	CARBURETOR W/BALL STUD-EH99	1	
24	22J-62051-00	GASKET, MANIFOLD TO CARB	1	
25	22J-33889-30	MANIFOLD, INTAKE	1	
26	22J-62366-20	CLAMP, HOSE	4	
27	22J-62092-60	SCREW	2	
28	22J-33373-00	SCREW	4	
29	22J-32304-30	GASKET INTAKE PORT	2	
30	22J-62487-80	NUT HEX FLANGE	1	
31	22J-62669-90	BRACKET, THROTTLE (OE9271)	1	
32	22J-62693-30	SCREW	1	

600 Fuel & Lubricant

Ref	Part Number.	Description	Qty	Remark
33	22J-42167-20	BOLT, GOVERNOR LINK SHOULDER	1	
34	22J-42872-40	ROD, GOVERNOR	1	
35	22J-65803-10	CLAMP HOSE BAND	1	
36	22J-62337-90	CAP EVAP PORT	1	
38	22J-62855-00	CARBURETOR KIT	1	
38-1	22J-62855-00	DRAIN SCREW O-RING	1	INCL'D IN CARB. KIT
38-2	22J-62855-00	FLOAT BOWL GASKET	1	INCL'D IN CARB. KIT
38-3	22J-62855-00	FLOAT BOWL O-RING	1	INCL'D IN CARB. KIT
38-4	22J-62855-00	FLOAT	1	INCL'D IN CARB. KIT
38-5	22J-62855-00	NEEDLE VALVE	1	INCL'D IN CARB. KIT
38-6	22J-62855-00	SLOW JET O-RING (SMALL)	2	INCL'D IN CARB. KIT
38-7	22J-62855-00	SLOW JET O-RING (LARGE)	2	

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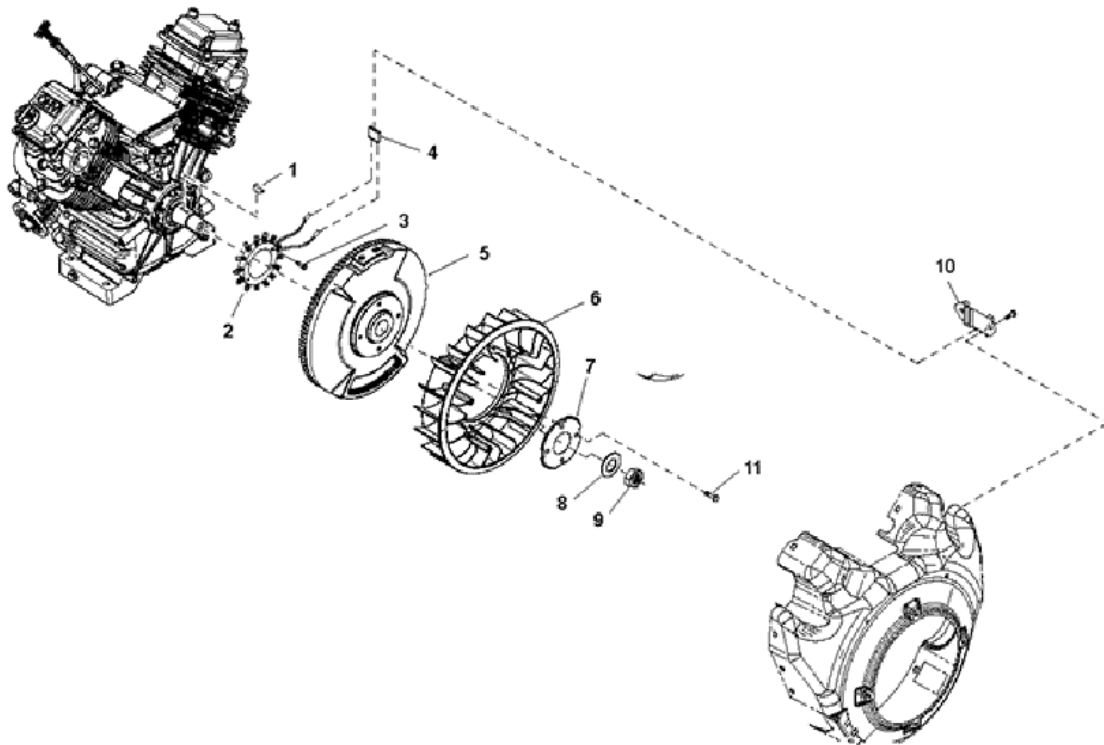
600 Fuel & Lubricant



0600 0004 000

No Parts List associated with this diagram

700 Electric Device

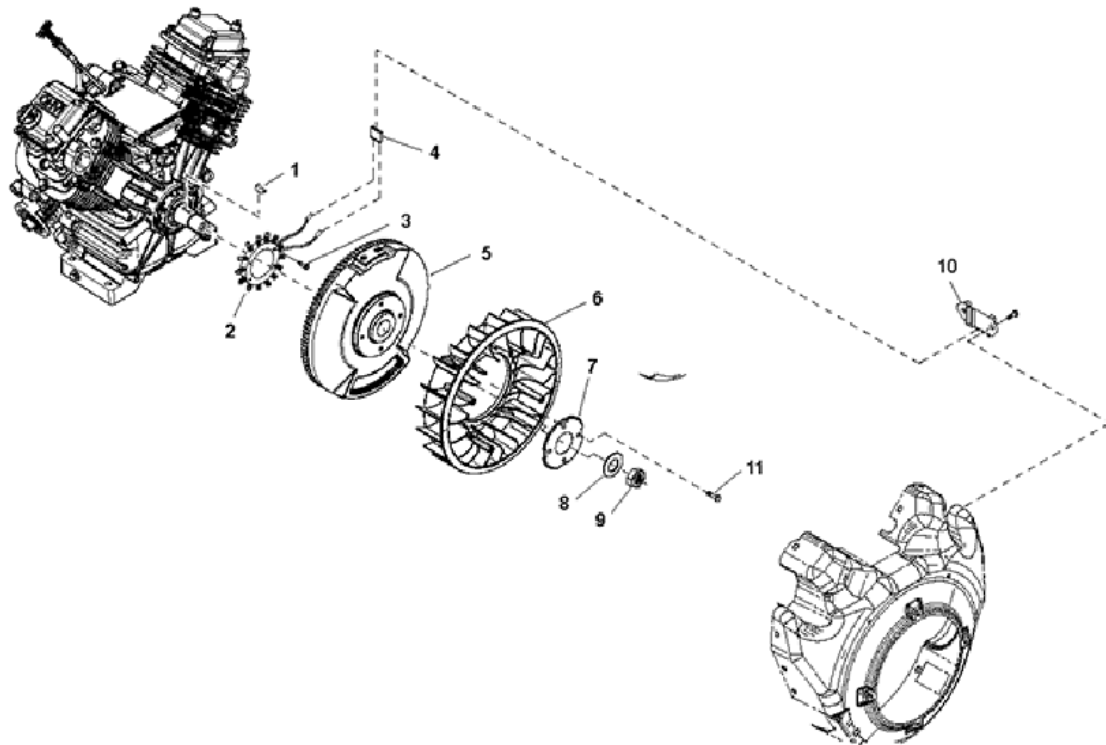


0700 0003 000

700 Electric Device

Ref	Part Number.	Description	Qty	Remark
1	22J-77277-40	WOODRUFF KEY	1	
2	22J-77115-30	STATOR, OUTLINE W/LUGS	1	
3	22J-42311-10	SCREW	4	
4	22J-77115-00	HOUSING	1	
5	22J-77116-00	ASSEMBLY, FLYWHEEL FRONT PTO	1	
6	22J-77303-10	FAN, FLYWHEEL	1	
7	22J-77956-00	CLAMP	1	
8	22J-77303-30	WASHER	1	
9	22J-77303-40	NUT	1	
10	22J-77270-20	REGULATOR, VOLTAGE (20A)	1	
11	22J-77495-70	SCREW	4	

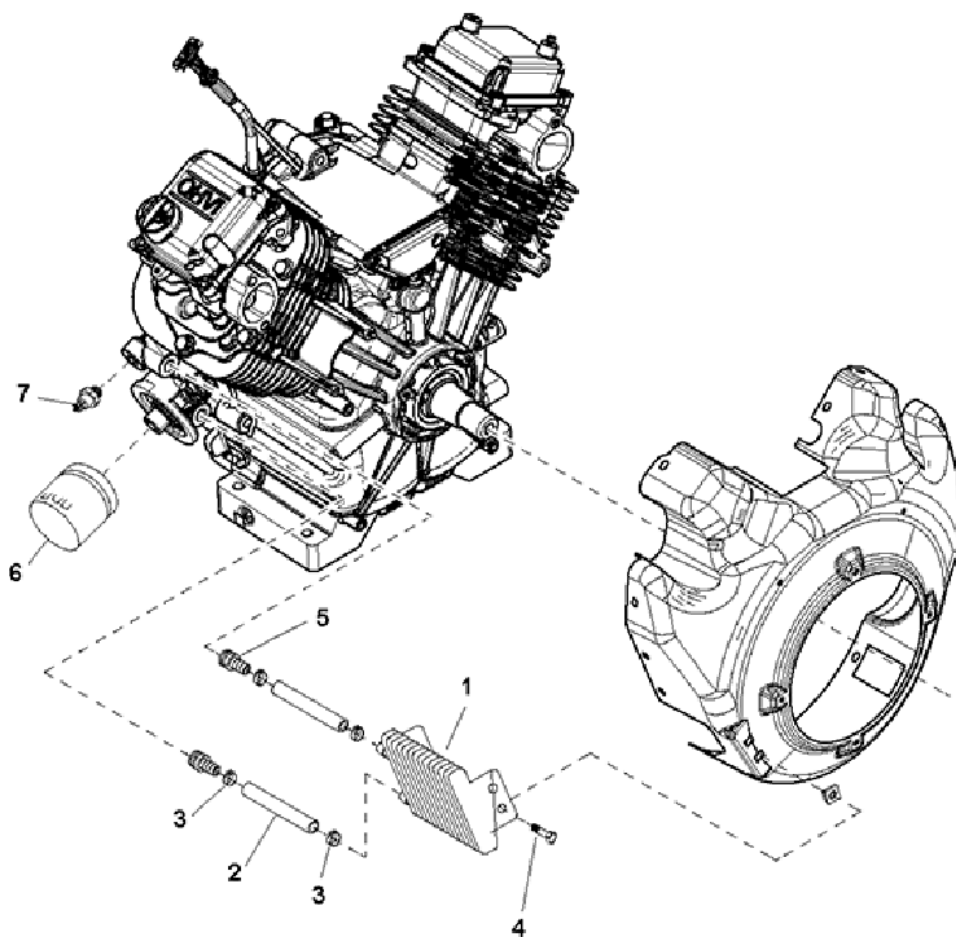
700 Electric Device



0700 0003 000

No Parts List associated with this diagram

720 Electric Device

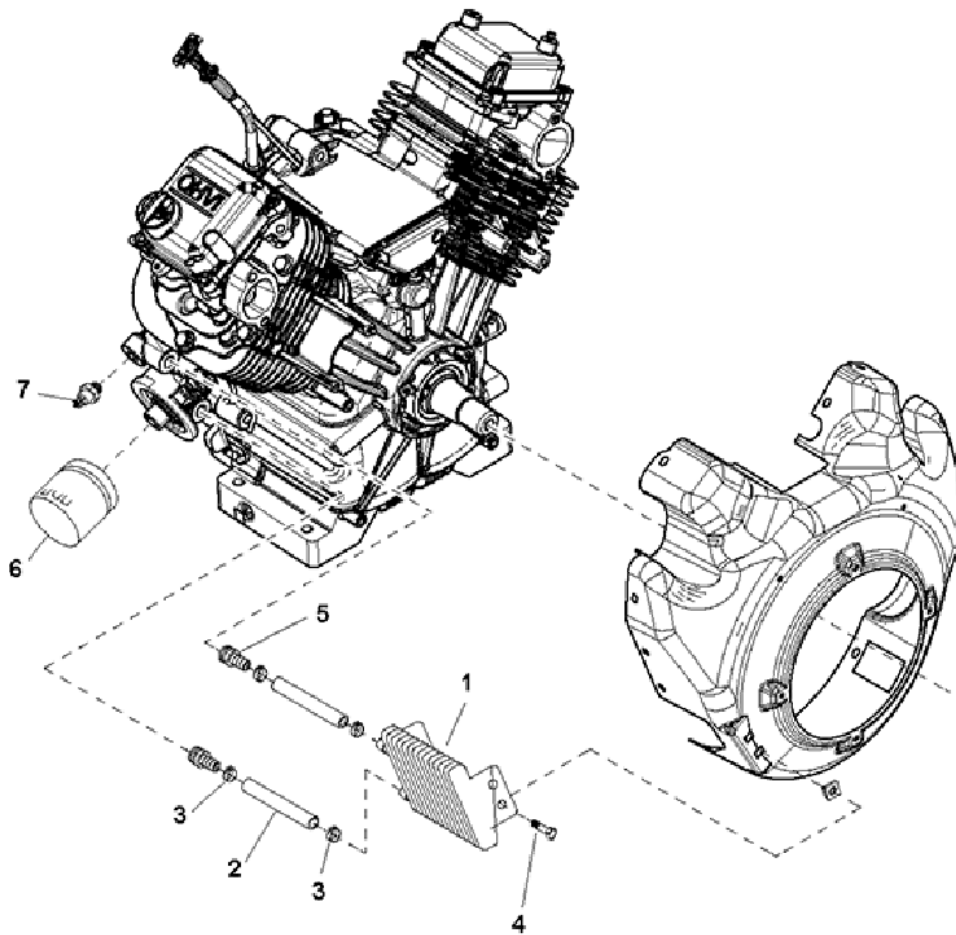


0720 0001 000

720 Electric Device

Ref	Part Number.	Description	Qty	Remark
1	22J-65950-60	OIL COOLER	1	
2	22J-65469-50	HOSE	2	
3	22J-65366-20	CLAMP	4	
4	22J-65976-40	SCREW	4	
5	22J-65546-10	BARBED STR	2	
6	22J-65801-00	OIL FILTER	1	
7	22J-65682-00	SW OIL PRESS	1	

720 Electric Device

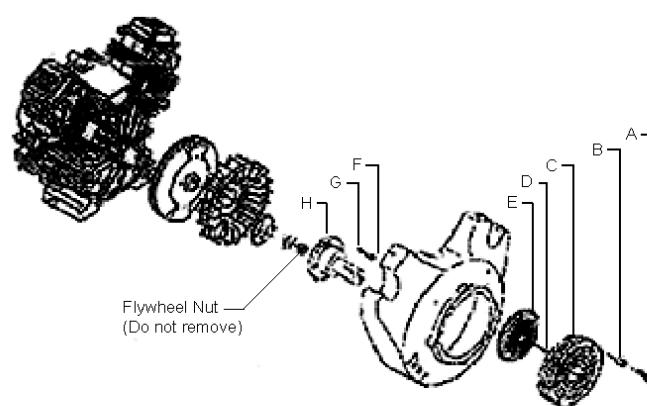


0720 0001 000

No Parts List associated with this diagram

900 Accessories

FRONT PRO KIT 99657750



0900 0001 000

900 Accessories

Ref	Part Number.	Description	Qty	Remark
A	22J-54381-40	KNOB (ROTATING SCREEN)	4	EXISTING PART
B	22J-54314-60	SPACER	4	EXISTING PART
C	22J-54781-50	ROTATING SCREEN GUARD	1	INCLUDED IN KIT
D	22J-54711-50	SCREW	4	EXISTING PART
E	22J-54968-40	ROTATING SCREEN	1	EXISTING PART
F	22J-54982-10	SCREW m8 1.25 X 30	4	INCLUDED IN KIT
G	22J-54411-80	WASHER M8	4	INCLUDED IN KIT
H	22J-22938-10	SHAFT	1	INCLUDED IN KIT

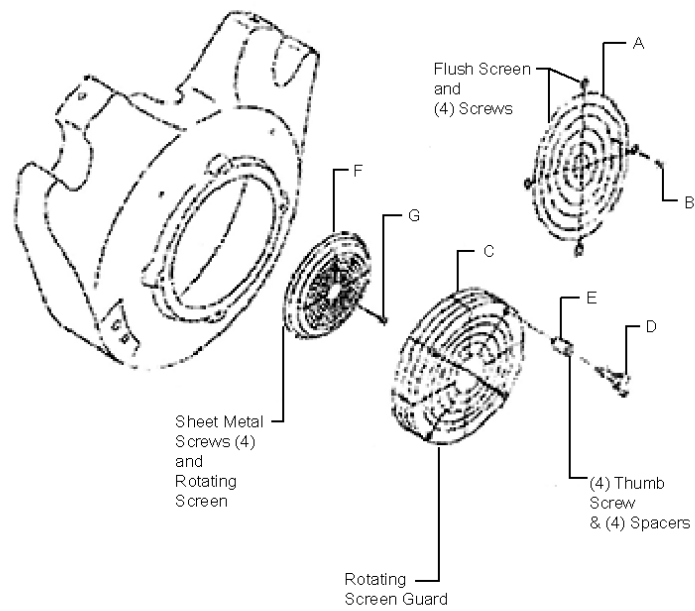
900 Accessories

No diagram associated with this Parts List

No Parts List associated with this diagram

910 Accessories

FLUSH MOUNT SCREEN KIT 99657730



0910 0001 000

910 Accessories

Ref	Part Number.	Description	Qty	Remark
A	22J-54113-10	FAN GUARD	1	INCLUDED IN KIT
B	22J-54575-60	SCREW	4	INCLUDED IN KIT
C	22J-54781-50	ROTATING SCREEN GUARD	1	EXISTING PART
D	22J-54381-40	KNOB (ROTATING SCREEN)	4	EXISTING PART
E	22J-54314-60	SPACER	4	EXISTING PART
F	22J-54968-40	ROTATING SCREEN	1	EXISTING PART
G	22J-54711-50	SCREW	4	EXISTING PART

910 Accessories

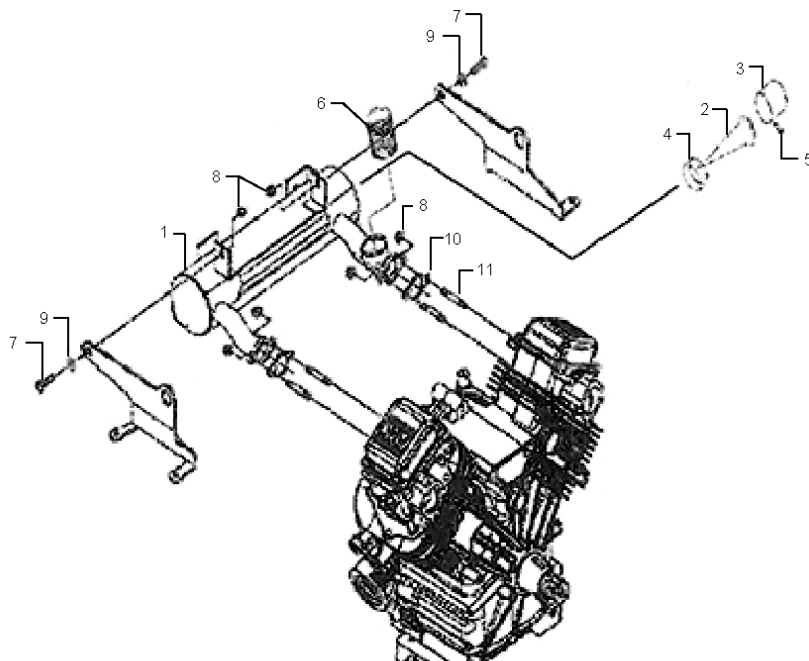
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910 Accessories

No Parts List associated with this diagram

920 Accessories

MUFFLER KIT LEFT HAND
STARTER SIDE DISCHAGE
99657710



0920 0001 000

920 Accessories

Ref	Part Number.	Description	Qty	Remark
1	22J-99363-80	MUFFLER CP LH OUTLER	1	INCLUDED IN KIT
2	22J-99513-30	SPARK ARRESTOR SCREEEN	1	INCLUDED IN KIT
3	22J-99513-3A	SPARK ARRESTOR RETAINER	1	INCLUDED IN KIT
4	22J-99533-90	SPARK ARRESTOR SPACER	1	INCLUDED IN KIT
5	22J-99929-40	RETAINER SCREW	1	INCLUDED IN KIT
6	22J-99614-30	HEAT RISER TUBE	1	INCLUDED IN KIT
7	22J-33925-30	SCREW	2	EXISTING PART
8	22J-33046-20	NUT INC TOOTH WASHER	6	EXISTING PART
9	22J-33214-50	FLAT WASHER	2	EXISTING PART
10	22J-33413-80	MANIFOLD GASKET	2	EXISTING PART

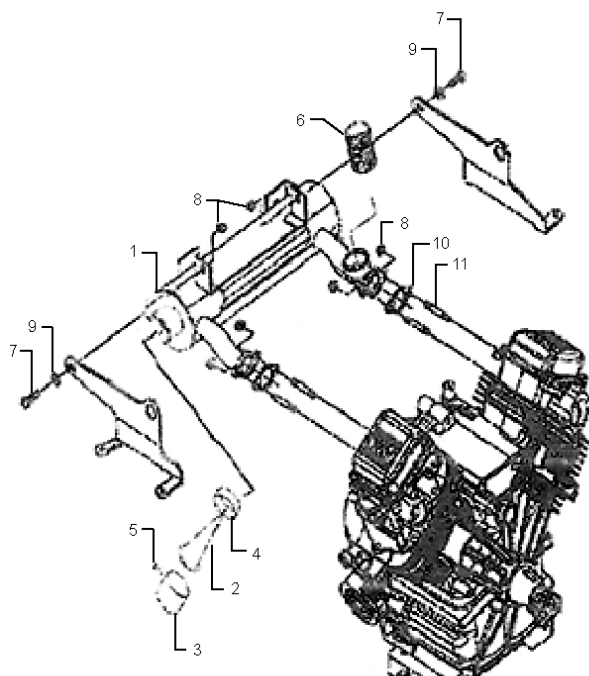
920 Accessories

No diagram associated with this Parts List

No Parts List associated with this diagram

930 Accessories

MUFFLER KIT RIGHT HAND
OIL FILTER SIDE DISCHARGE
99657700



0930 0001 000

930 Accessories

Ref	Part Number.	Description	Qty	Remark
1	22J-99363-80	MUFFLER CP RH OUTLET	1	INCLUDED IN KIT
10	22J-33413-80	MANIFOLD GASKET	2	EXISTING PART
2	22J-99513-30	SPARK ARRESTOR SCREEN	1	INCLUDED IN KIT
3	22J-99513-3A	SPARK ARRESTOR RETAINER	1	INCLUDED IN KIT
4	22J-99533-90	SPARK ARRESTOR SPACER	1	INCLUDED IN KIT
5	22J-99929-40	RETAINER SCREW	1	INCLUDED IN KIT
6	22J-99614-30	HEAT RISER TUBE	1	INCLUDED IN KIT
7	22J-33925-30	SCREW	2	EXISTING PART
8	22J-33046-20	NUT INC TOOTH WASHER	6	EXISTING PART
9	22J-33214-50	FLAT WASHER	2	EXISTING PART

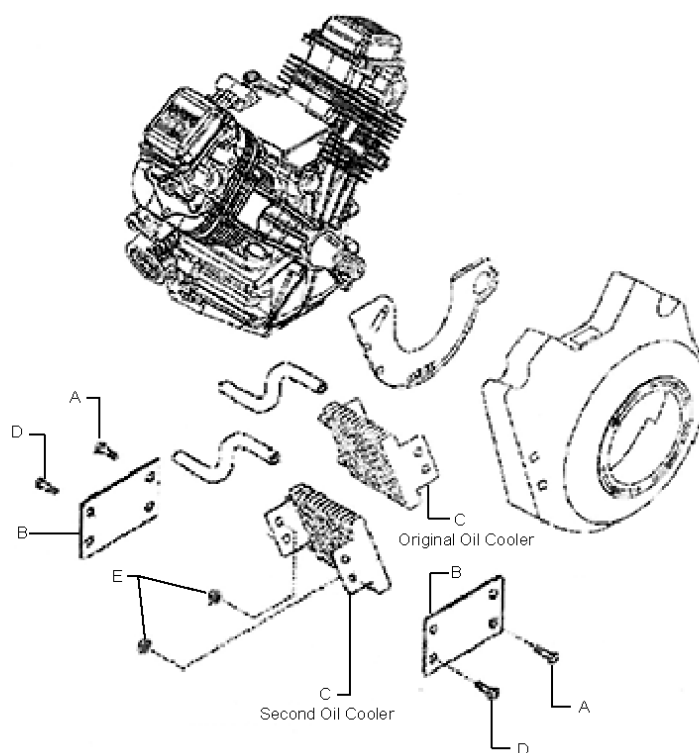
930 Accessories

No diagram associated with this Parts List

No Parts List associated with this diagram

940 Accessories

DUAL OIL COOLER
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940 Accessories

Ref	Part Number.	Description	Qty	Remark
A	22J-65976-40	SCREW	4	EXISTING PART
B	22J-65495-20	PLATE	2	INCLUDED IN KIT
C	22J-65950-60	OIL COOLER #1 & #2	1	#1 EXISTING #2 KIT
D	22J-65311-60	SCREW	4	INCLUDED IN KIT
E	22J-32838-80	NUT	4	INCLUDED IN KIT

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No Parts List associated with this diagram

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PRINTED IN THE USA

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