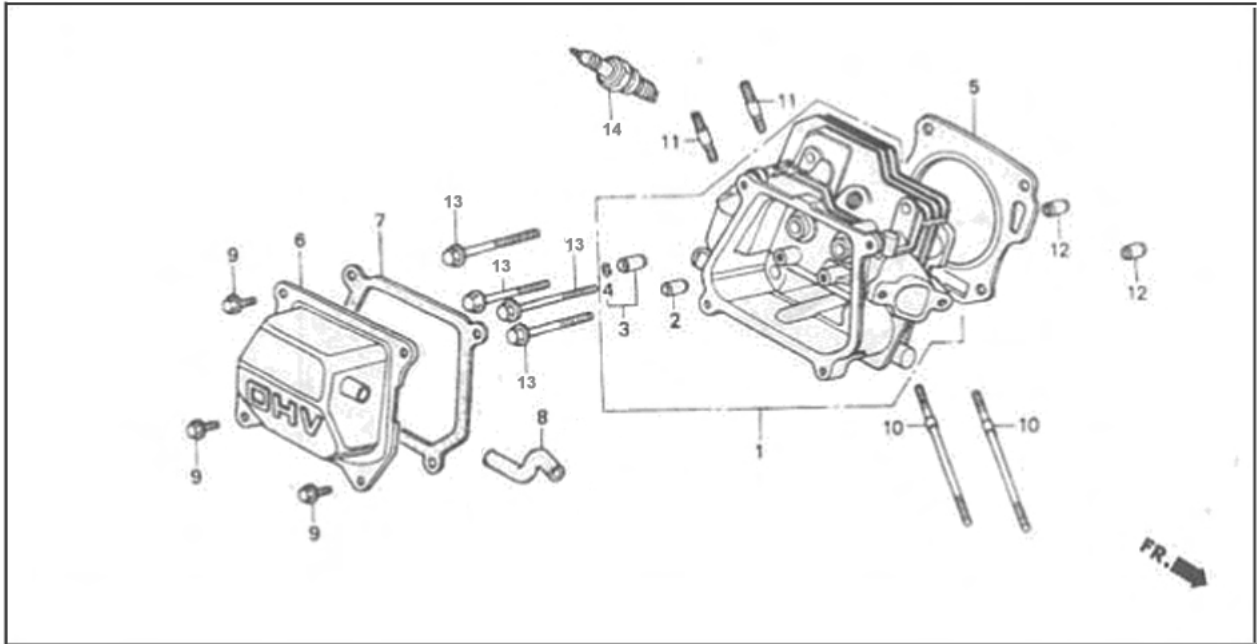


GASOLINE ENGINE JF120 PARTS MANUAL

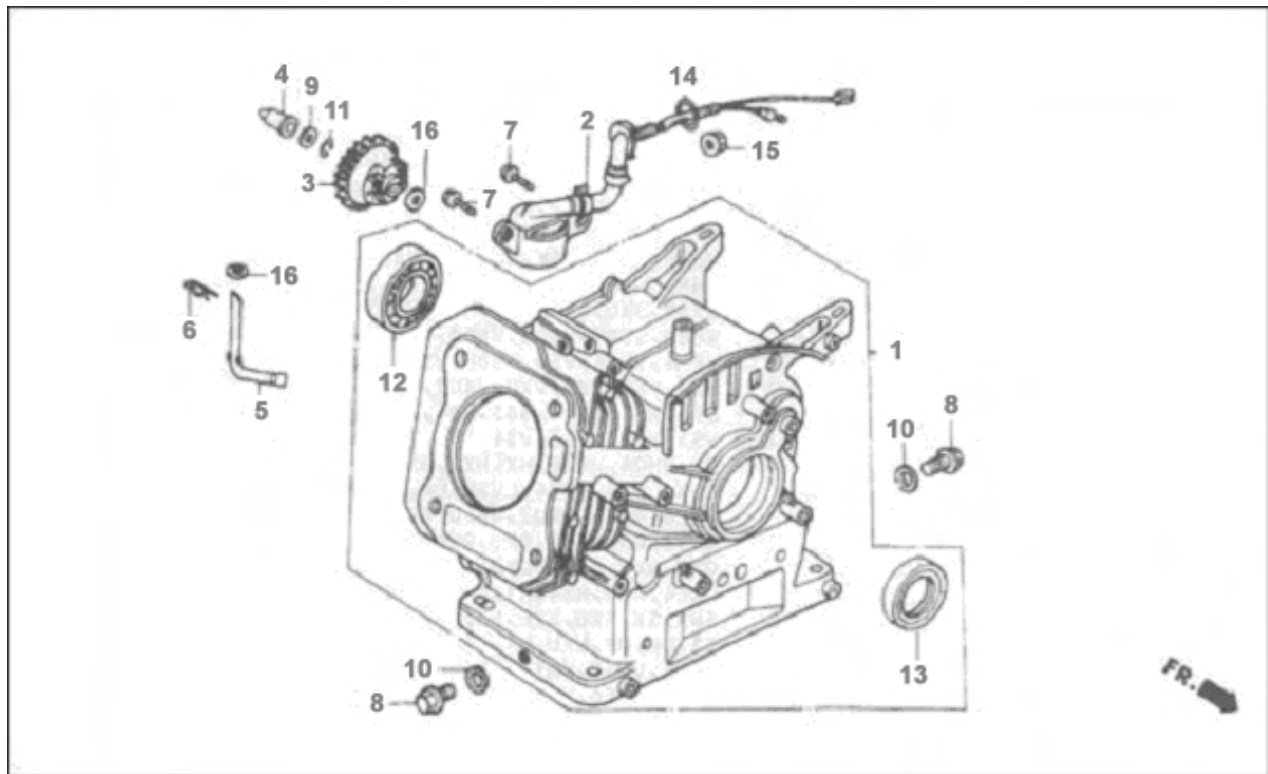


CYLINDER HEAD SYSTEM ASSEMBLY



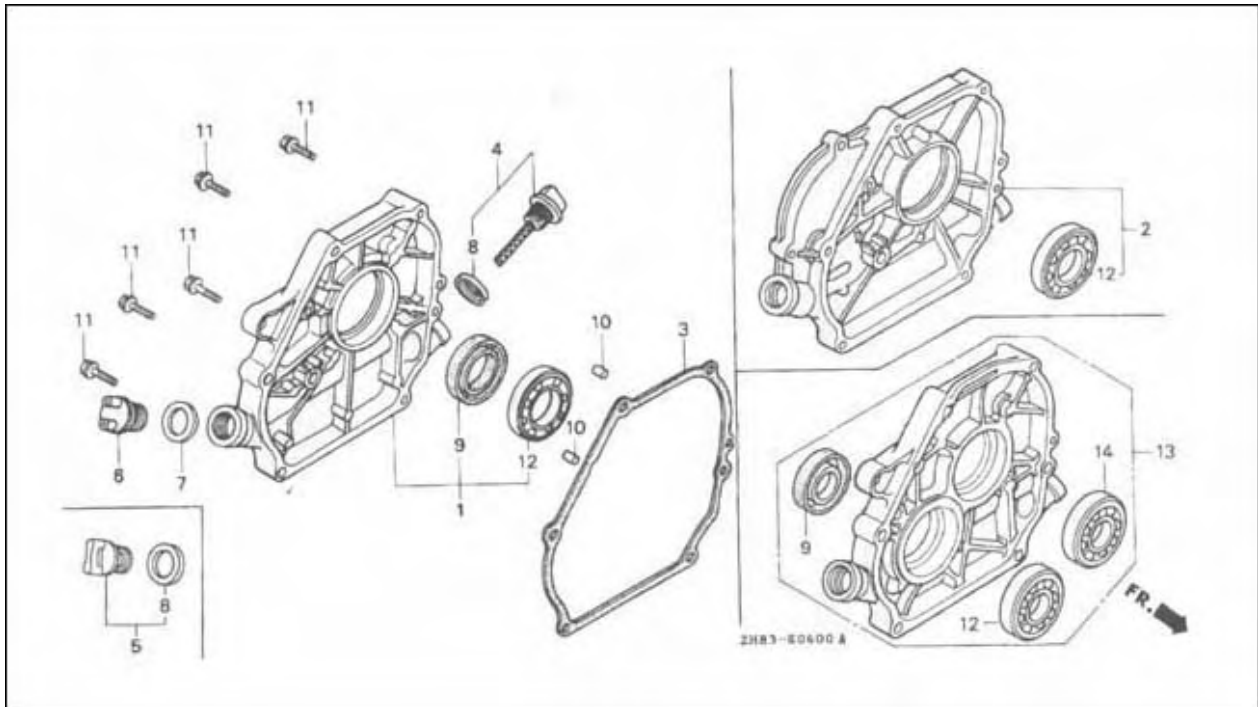
SN	DESCRIPTION	CODE NO.	QTY	PART NUMBER
		JF120	JF120	
1	Cylinder Head Comp	JF120.1-1	1	770084
2	Intake Valve Guide	JF120.1.2-5A	1	770085
3	Valve Guide	JF120.1.2-5B	1	770086
4	Valve Guide Clip	JF120.1.2-6	2	770087
5	Cylinder Head Gasket	JF120.2-3	1	770088
6	Head Cover Comp	JF168.1.1-1	1	750062
7	Head Cover Packing	JF168.1.1-3	1	750064
8	Breather Tube	JF168.1.1-2	1	750063
9	Flange Bolt 6x12	GB/T5787-1	4	750356
10	Stud Bolt 6x109	JF168.1-2	2	750073
11	Stud Bolt 8x32	GB900-88	2	770191
12	Dowel Pin 10x16	JF168.2-5	2	750097
13	Flange Bolt 8x60	JF168.2-4	4	750096
14	Spark Plug (LD NGK)	JF120.10-1	1	770091

CYLINDER



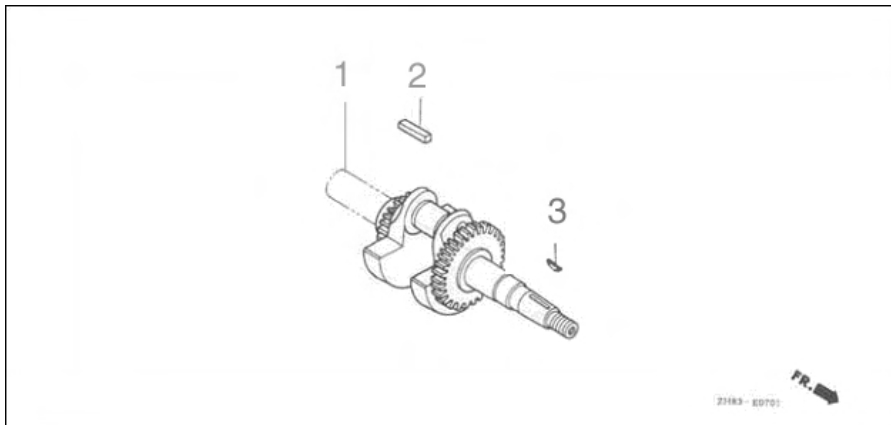
SN	DESCRIPTION	CODE NO.	QTY	PART NUMBER
		JF120	JF120	
1	Cylinder Assembly	JF120.2	1	770092
2	Oil Level Switch Assembly	JF168.14	1	750105
3	Governor Assembly	JF168.11.1	1	750069
4	Governor Slider	JF168.11.1-7	1	750071
5	Governor Arm Shaft	JF120.11.2-1	1	770093
6	Lock Pin 8mm	JF120.11.2-2	1	770094
7	Flange Bolt 6x20	GB/T5787-86-11	2	750490
8	Drain Plug Bolt	JF168.2-6	2	750098
9	Thrust Washer 6mm	JF168.11.1-5	1	750319
10	Drain Plug Washer 10.2mm	GB95-85	2	750014
11	Governor Holder Clip	JF168.11.1-8	1	750320
12	Radial Ball Bearing(6205) (TPI)	GB276-89-1	2	770100
13	Oil Seal 25x41.25x6	GB13817-92	2	750006
14	O-Ring 14mm	JF168.14.2-10	1	750340
15	Flange Nut 10mm	GB5787-86-5	1	750495
16	Plain Washer 6mm	JF168.11.1-6	1	750070

CRANKCASE COVER SYSTEM



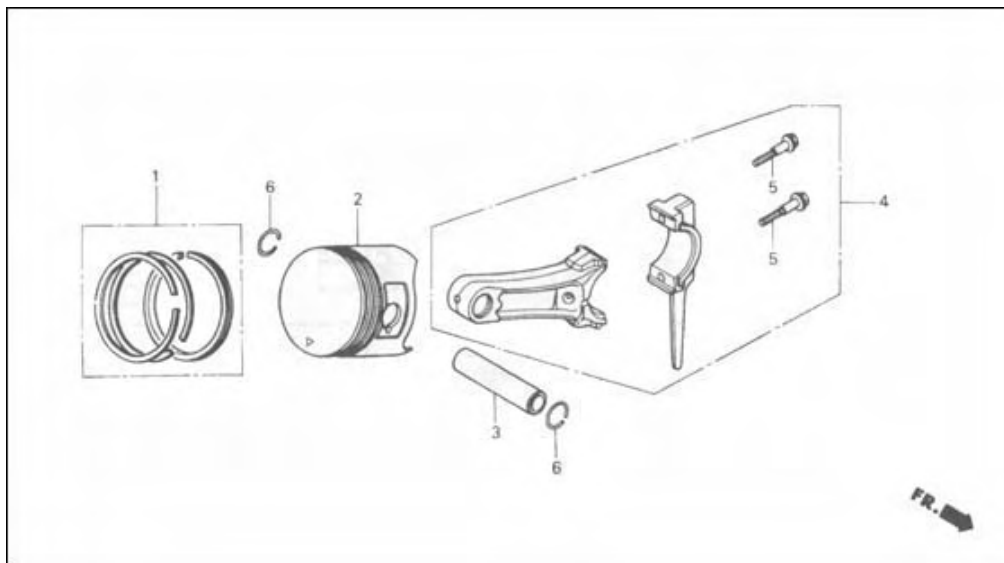
SN	DESCRIPTION	CODE NO.	QTY	PART NUMBER
		JF120	JF120	
1	Crankcase Cover Assembly	JF120.15-1A	1	770095
2	Crankcase Cover Assembly	JF120.15-1B	1	770096
3	Packing、 Case Cover	JF120.15-2	1	770097
4	Oil Filler Cap Assembly	JF168.15-3	1	750086
5	Oil Filler Cap Assembly	JF120.15-5A	1	770098
6	Oil Filler Cap Assembly	JF168.15-5B	1	750342
7	Oil Filler Cap Gasket	JF168.15-6A	1	750087
8	Oil Filler Cap Gasket	JF168.15-6B	2	750343
9	Oil Seal、 25x41.25x6	GB13817-92	1	750006
10	Dowel Pin 8x14	JF168.15-4	2	750233
11	Flange Bolt 8x32	GB/T5787-86-10	6	770099
12	Radial Ball Bearing 6205	GB276-89-1	1	770100
13	Crankcase Cover Assembly	JF120.15-1C	1	770101
14	Radial Ball Bearing 6205	GB276-89	1	770100

CRANKSHAFT SYSTEM



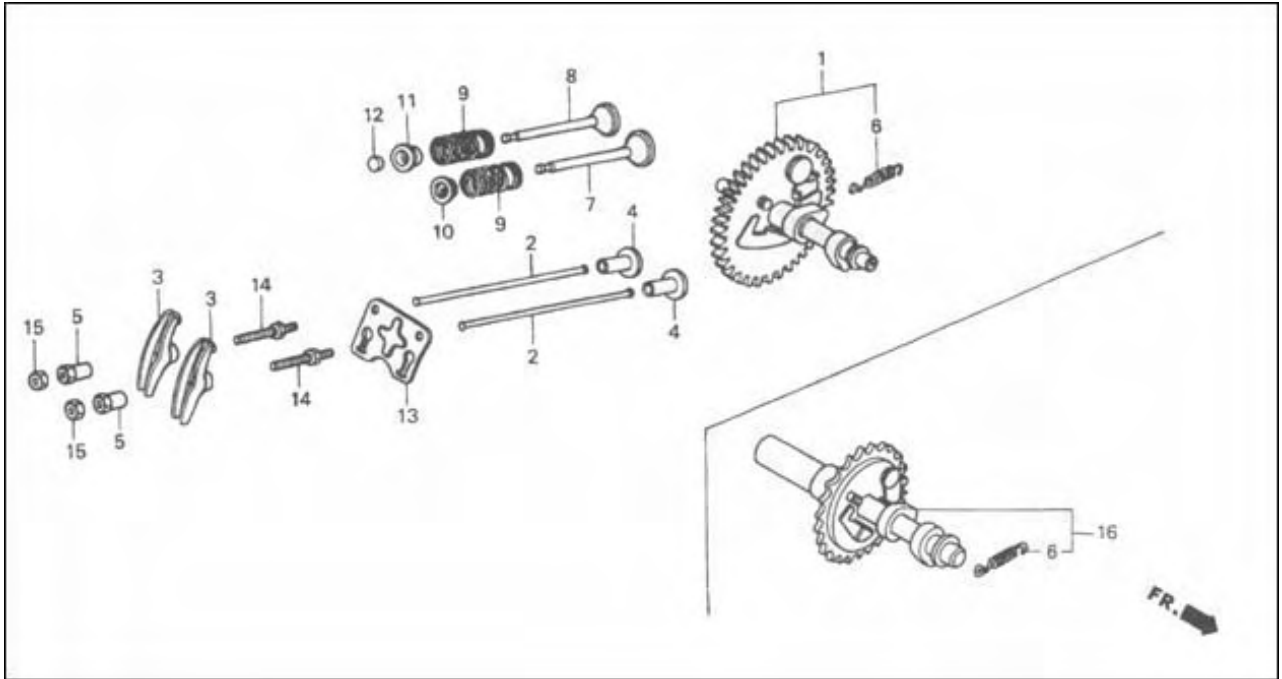
SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Crankshaft Comp	JF120.4	1	770103
2	Key 5x5x30	GB1096-79	1	750236
3	Special Woodruff Key	JF168.4.2-2	1	750237

PISTON SYSTEM ASSEMBLY



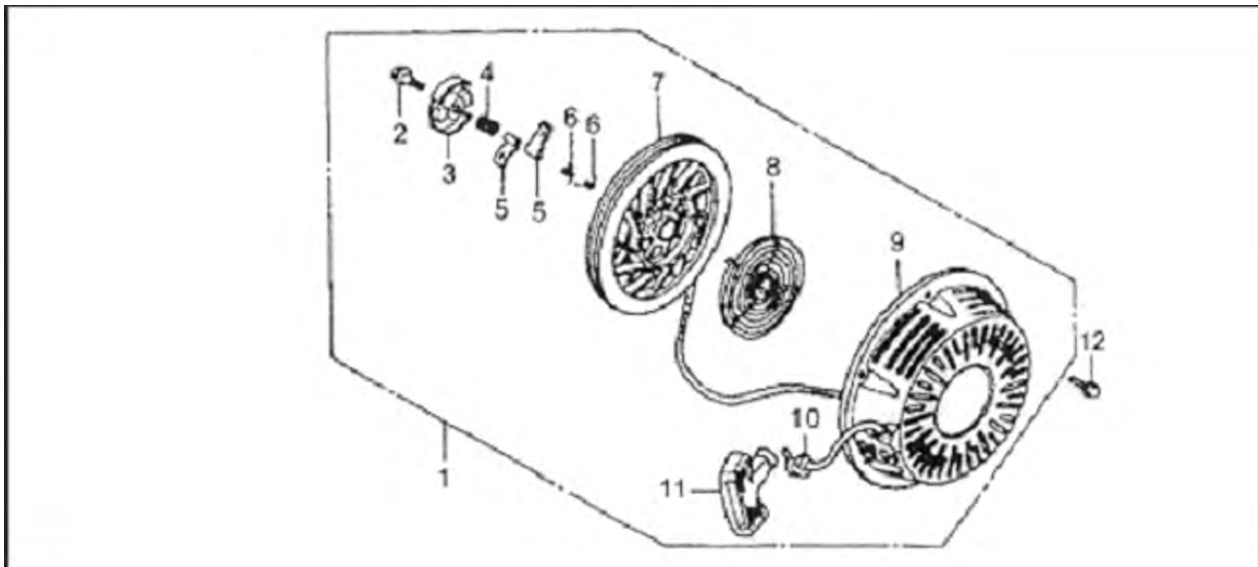
SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Piston Ring Set	JF120.3-1	1	770104
2	Piston	JF120.3-5	1	770105
3	Piston Pin	JF120.3-4	1	770106
4	Connecting Rod Assembly	JF120.3-6	1	770107
5	Connection Rod Bolt	JF120.3-8	2	770108
6	Piston Pin Clip 18mm	JF120.3-9	2	770109

CAMSHAFT SYSTEM



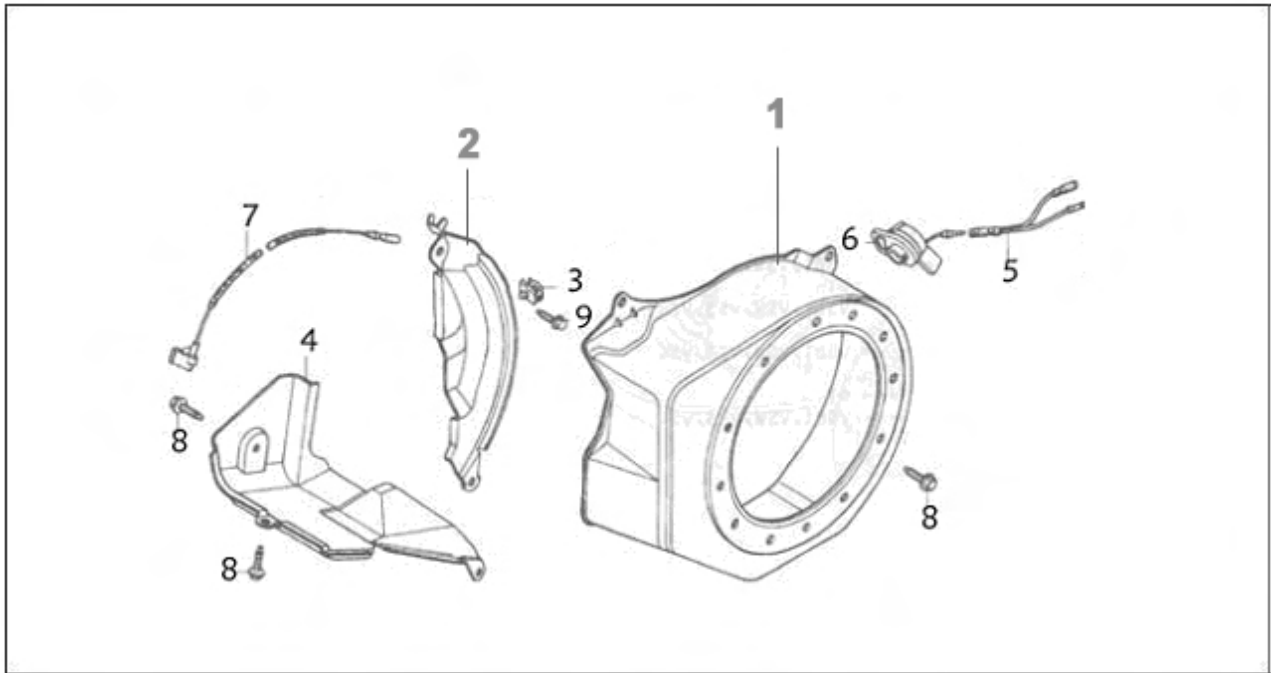
SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Camshaft Assembly	JF120.5-1A	1	770110
2	Push Rod	JF120.1.2-14	2	770111
3	Valve Rocker Arm	JF120.1.2-9	2	770112
4	Valve Lifter	JF168.1.2-15	2	750313
5	Rocker Arm Pivot	JF120.1.2-8	2	770114
6	Weight Return Spring	JF120.5-5	1	770115
7	Intake Valve	JF120.1.2-3	1	770116
8	Exhaust Valve	JF120.1.2-4	1	770117
9	Valve Spring	JF120.1.2-10	2	770118
10	Intake Valve Spring Retainer	JF120.1.2-1	1	770119
11	Exhaust Valve Spring Retainer	JF120.1.2-2	1	770120
12	Valve Rotator	JF168.1.2-13	1	750312
13	Push Rod Guide Plate	JF120.1.2-16	1	770121
14	Pivot Bolt (8mm)	JF120.1.2-7	2	770122
15	Pivot Adjusting Nut	JF120.1.2-17	2	770123
16	Camshaft Assembly	JF120.5-1B	1	770124

RECOIL STARTER



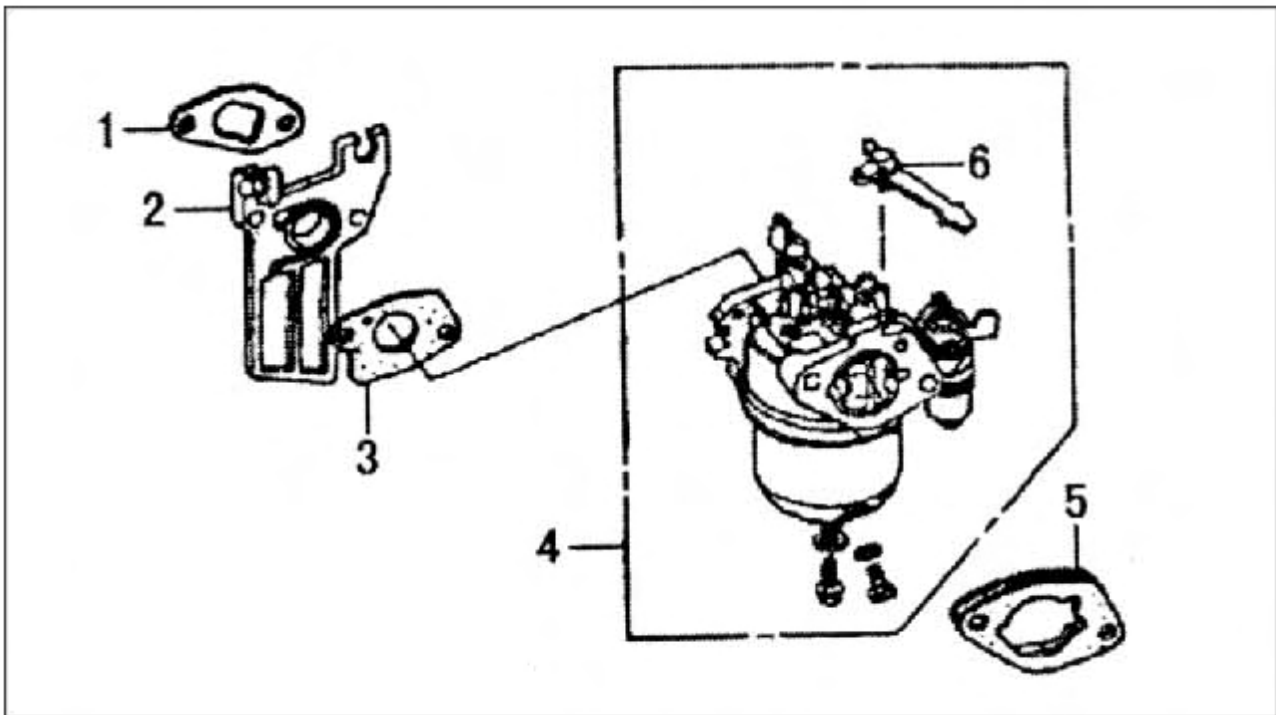
SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Recoil Starter Assembly	JF168.13	1	750077
2	Setting Screw	JF168.13-7	1	750245
3	Ratchet Guide	JF168.13-6	1	750083
4	Spring Friction	JF168.13-8	1	750246
5	Starter Ratchet	JF168.13-5	2	750082
6	Ratchet Spring	JF168.13-4	2	750081
7	Recoil Starter Reel	JF168.13-3	1	750080
8	Recoil Starter Spring	JF168.13-10	1	750247
9	Recoil Starter Case Comp	JF168.13.1	1	750248
10	Recoil Starter Rope	JF168.13-2	1	750079
11	Recoil Starter Knob	JF168.13-1	1	750078
12	Flange Bolt 6x8	GB/T5787-86-9	3	750488

FAN COVER SYSTEM



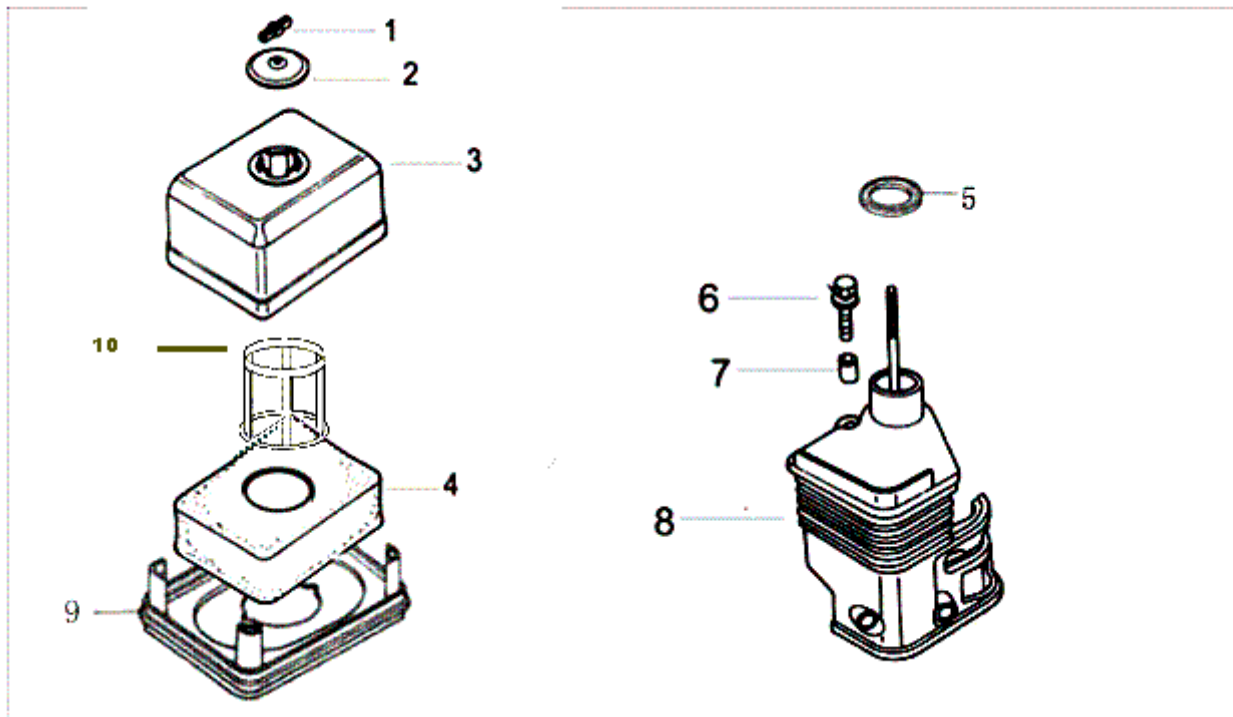
SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Fan Cover Comp	JF120.13-11	1	750269
2	Side Plate	JF168.12.1-1	1	750250
3	Cord Clamper	JF120.12.1-2	1	770125
4	Shroud Comp	JF168.12.-2	1	750251
5	Sub-Harness	JF168.10.3	1	750252
6	Engine Stop Switch Assembly	JF168.10.1	1	750066
7	Stop Switch Wire	JF120.10.2-2	1	770126
8	Flange Bolt 6x12	GB/T5787-1	6	750356
9	Flange Bolt 6x16	GB/T5787-3	1	750359

CARBURETOR SYSTEM ASSEMBLY



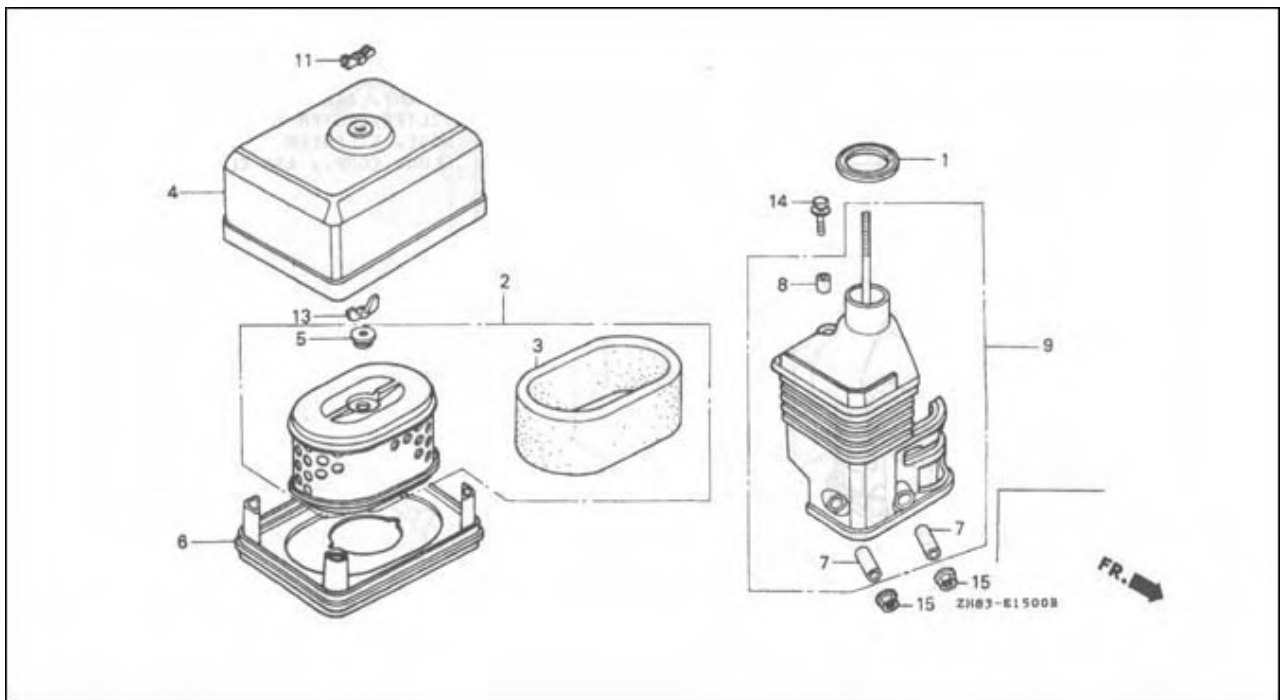
SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Insulator Gasket	JF120.1.1-4	1	770127
2	Carburetor Insulator	JF120.9-1	1	770128
3	Carburetor Gasket	JF168.9-2	1	750133
4	Carburetor	JF120.9-3	1	770129
5	Carburetor Spacer Comp	JF120.6-9	1	770130
6	Choke Lever Comp	JF120.9-4	1	770131

AIR CLEANER (JF120.6.3)



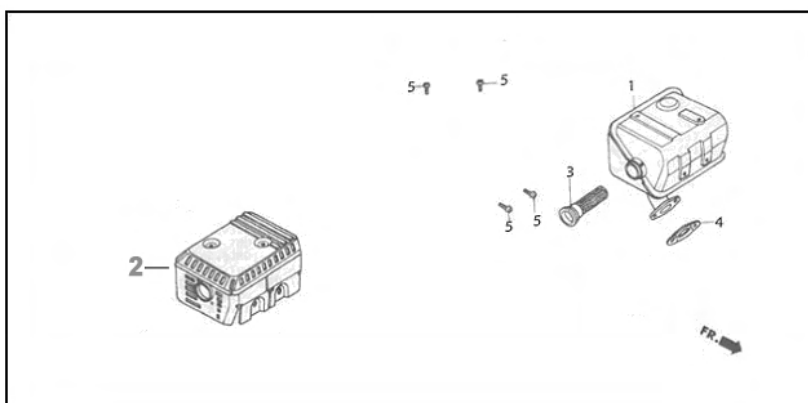
SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Air Cleaner Cover Wing Nut	JF120.6-1	1	770132
2	Air Cleaner Grommet	JF120.6.3-1	1	770133
3	Air Cleaner Cover	JF120.6.3-2	1	770134
4	Outer Filter	JF120.6.3-3	1	770135
5	Elbow Gasket	JF120.6.3-4	1	770136
6	Bolt-Washer 6x20	GB/T5787-86	1	770137
7	Air Cleaner Collar B	JF120.6-11	1	770138
8	Air Cleaner Elbow Comp	JF120.6-8	1	770139
9	Silencer Nose	JF120.6-5	1	770140
10	Bracket	JF120.6-10	1	770141

AIR CLEANER



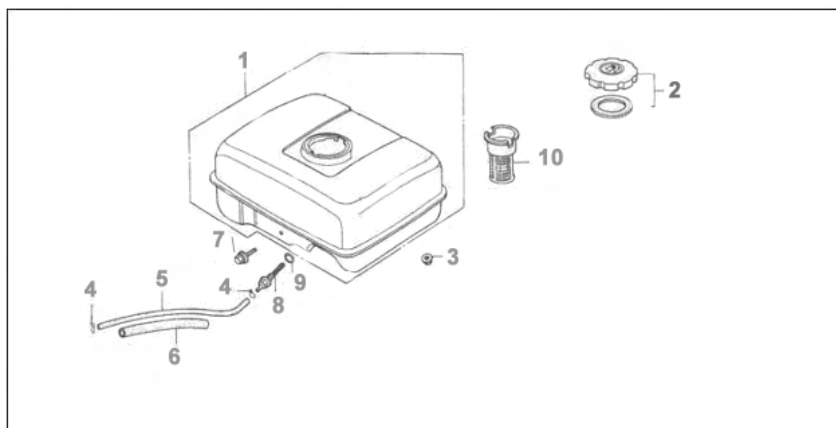
SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Elbow Gasket	JF120.6-6	1	770142
2	Air Cleaner Element	JF120.6.1	1	770143
3	Outer Filter	JF120.6-4	1	770144
4	Air Cleaner Cover	JF120.6-3	1	770145
5	Air Cleaner Grommet	JF120.6.1-7	1	770146
6	Silencer Nose	JF120.6-5	1	770147
7	Air Cleaner Collar	JF120.6-12	2	770148
8	Air Cleaner Collar B	JF120.6-11	1	770149
9	Air Cleaner Elbow Comp	JF120.6-8	1	770150
11	Air Cleaner Cover Wing Nut	JF120.6-1	1	770151
13	Tool Box Setting Wing Nut	JF120.6-1	1	770152
14	Bolt-Washer 6x20	GB/T5787-86-11	1	750490
15	Flange Nut 6mm	GB6177-86-1	2	750095

MUFFLER



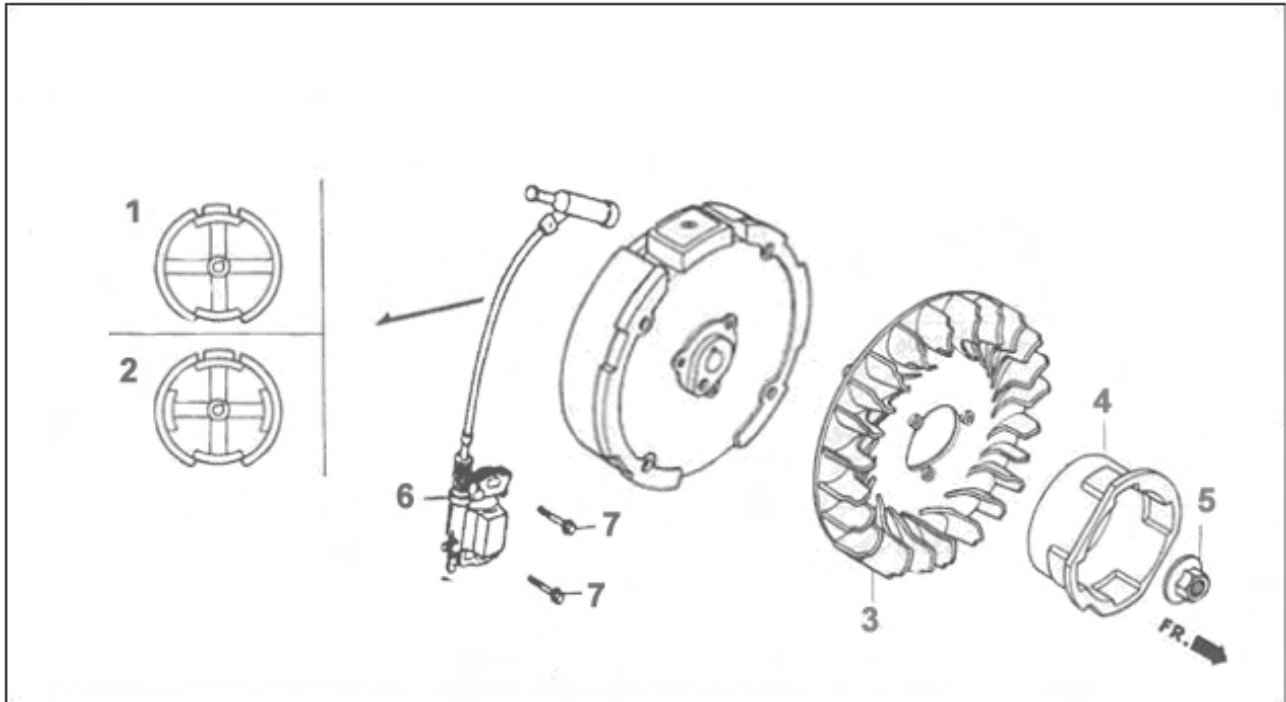
SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Muffler Comp	JF168.7.6	1	750276
2	Muffler Outer Protect	JF168.7.2-3	1	750367
3	Spark Arrester	JF168.7.2	1	750366
4	Muffler Gasket	JF168.7-9	1	750266
5	Tapping Screw 5x8	Q235A(GB700-88)	4	750377

FUEL TANK SYSTEM ASSEMBLY



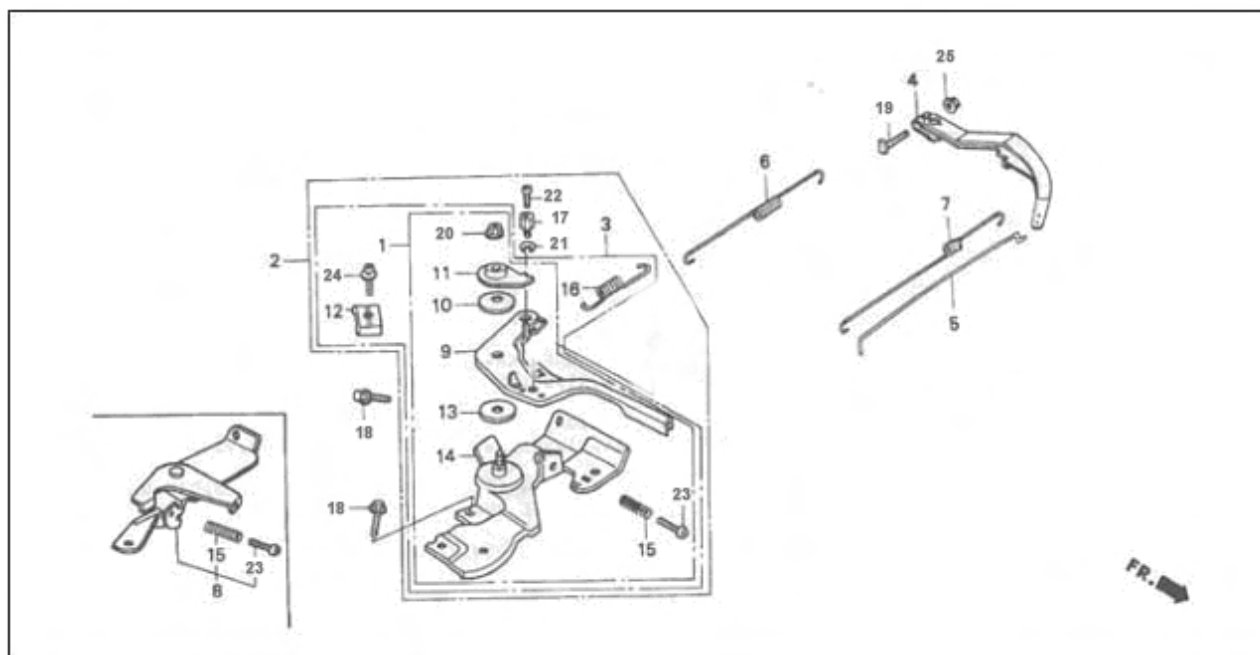
SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Fuel Tank Comp	JF120.8.2	1	770154
2	Fuel Filler Cap Comp	JF168.8.1	1	750121
3	Flange Nut 6mm	GB6177-86-1	2	750095
4	Tube Clip	JF168.8.3-4	1	750124
5	Bulk Hose Fuel	JF120.8.3-2	1	770155
6	Supporter Rubber	JF120.8.3-3	1	770156
7	Flange Bolt 6x25	GB/T5787-86	1	750489
8	Fuel Tank Joint	JF168.8.3.1	1	750369
9	O-Ring	JF168.8.3.1-3	1	750370
10	Fuel Filter	JF168.8.1.6	1	770158

FLYWHEEL SYSTEM ASSEMBLY



SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Flywheel Comp	JF120.4.1A	1	770159
2	Flywheel Comp Lamp	JF120.4.1B	1	770160
3	Cooling Fan	JF120.12-1	1	770161
4	Starter Pulley	JF120.13-9	1	770162
5	Special Nut	JF168.4-5	1	750347
6	Ignition Coil Assembly	JF120.10.2	2	770163
7	Flange Bolt 6x25	GB/T5787-86-10	2	750489

CONTROL



SN	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JF120	JF120	
1	Control Assembly	JF120.11.4	1	770164
2	Control Assembly	JF120.11	1	770165
3	Control Assembly	JF120.11.2	1	770166
4	Governor Arm	JF168.11.2-4	1	750134
5	Governor Rod	JF120.11.2-7	1	770167
6	Governor Spring	JF120.11.2-5	1	770168
7	Throttle Return Spring	JF120.11.2-6	1	770169
9	Control Lever	JF120.11.4-2	1	770170
10	Lever Spring	JF120.11.4-5	1	770171
11	Control Lever Washer	JF120.11.4-6	1	770172
12	Cable Holder	JF120.11.4-8	1	770173
13	Control Lever Spacer	JF120.11.4-4	1	770174
14	Control Base Comp	JF120.11.4-1	1	770175
15	Control Adjusting Spring	JF120.11.3-3	1	770176
16	Cable Return Spring	JF120.11.4-7	1	770177
17	Wire Holder	JF120.11.4-9	1	770178
18	Flange Bolt 6×12	GB/T5787-1	2	750356
19	Governor Arm Bolt	JF168.11.2-3	1	750325
20	Self-Lock Nut (6mm)	GB6177-86-1	1	750095
21	Circlip (5mm)	JF120.11.2-3	1	770179
22	Pan Screw 4×6	GB6177-86	1	750120
23	Pan Screw 5×25	GB818-85-1	1	750286
24	Pan Screw 5×16	GB818-85-2	1	750287
25	Flange Nut (6mm)	JF120.11.4-11	1	770180