

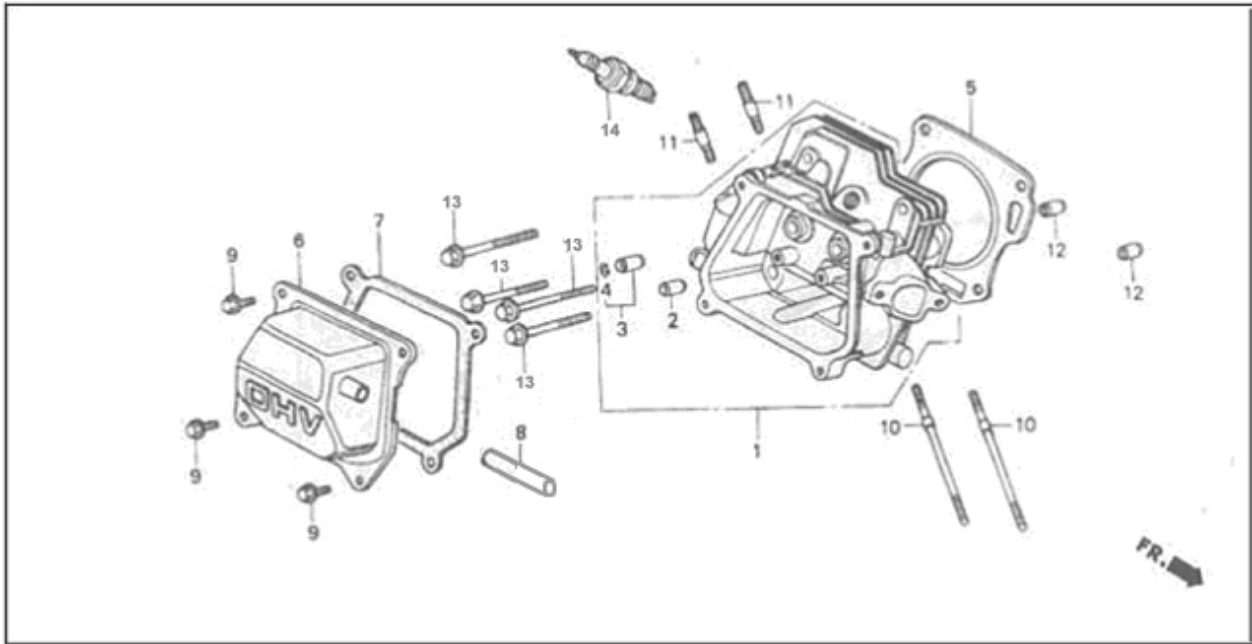
Bradley *Power Plus*

GASOLINE GENERATOR JD2500/JD3500

PARTS MANUAL

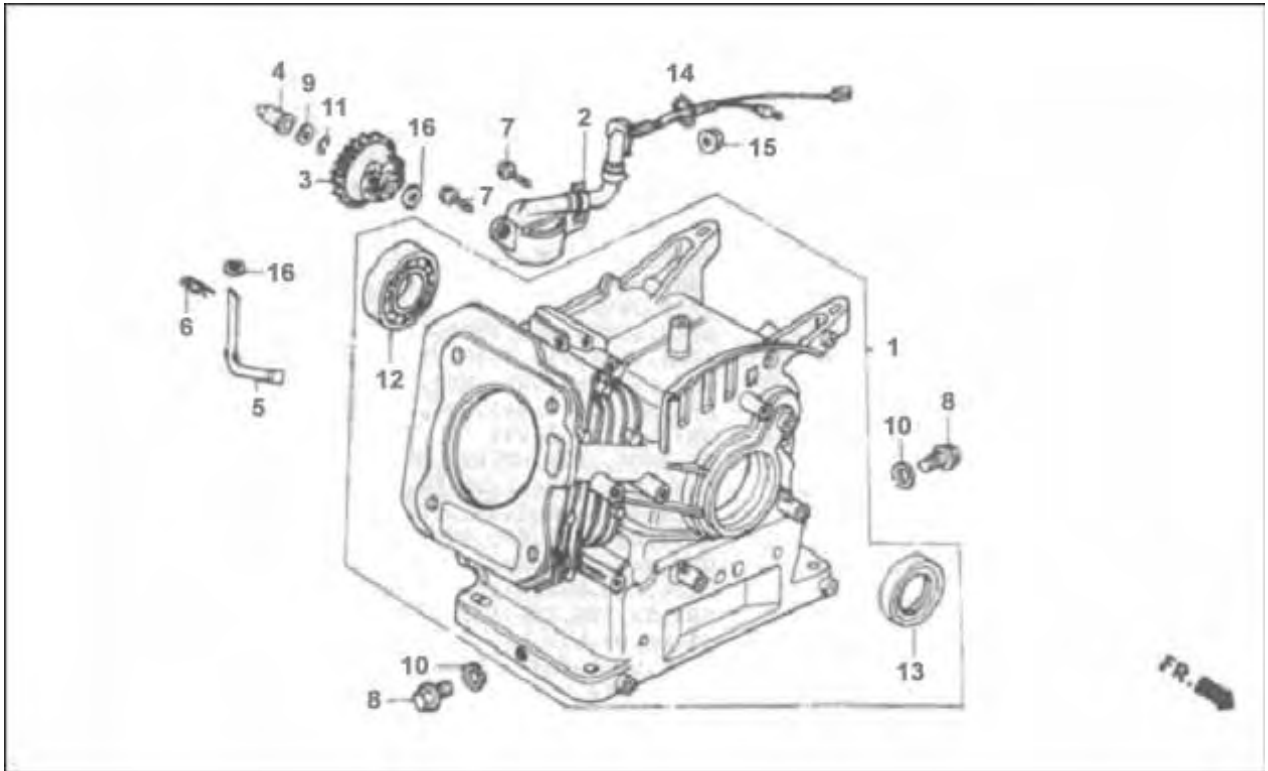


Cylinder Head System Assembly



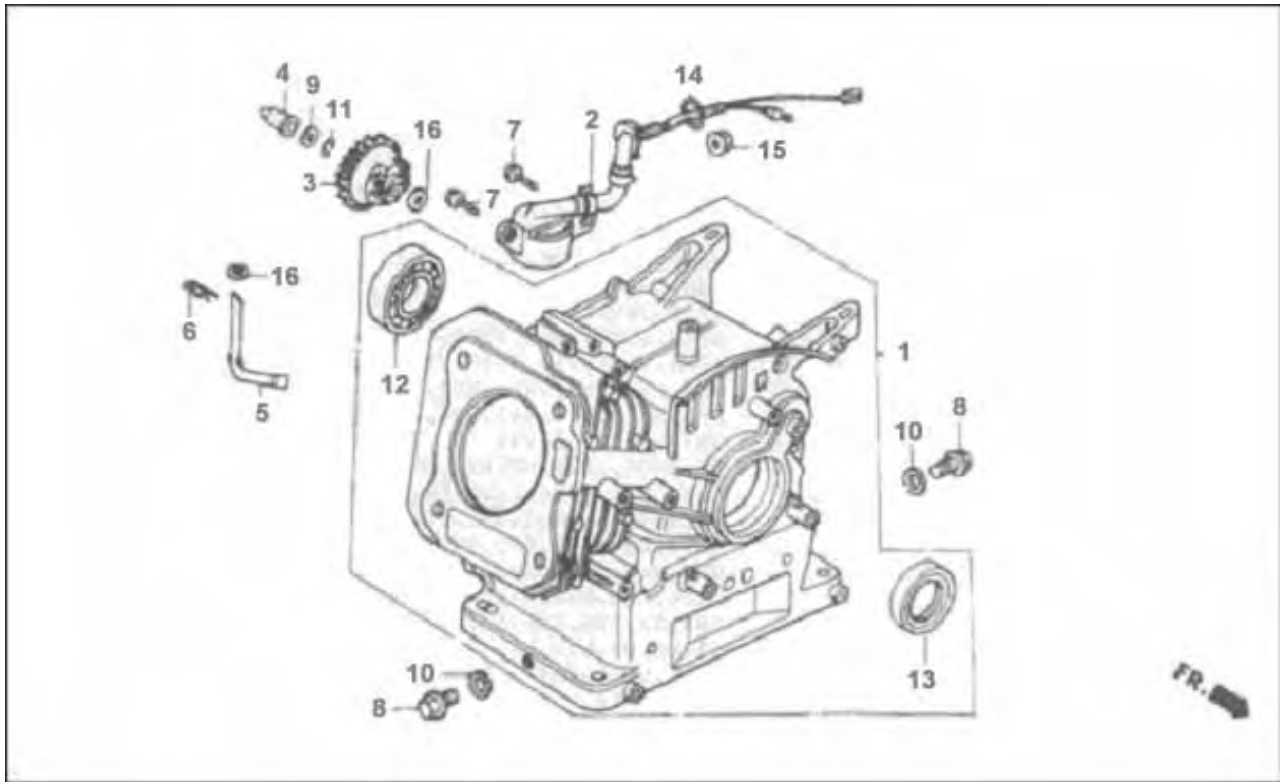
Item	DESCRIPTION	CODE NO.		QTY/UNIT		Part Number
		JD2500	JD3500	JD2500	JD3500	
1	Cylinder Head Comp	JF200.1-1		1	1	750138
2	In. Valve Guide	JF168.1.2-5A		1	1	750315
3	Valve Guide	JF168.1.2-5B		1	1	750316
4	Valve Guide Clip	JF168.1.2-6		2	2	750317
5	Cylinder Head Gasket	JF200.2-3		1	1	750145
6	Head Cover Comp	JF168.1.1-1		1	1	750062
7	Head Cover Packing	JF168.1.1-3		1	1	750064
8	Breather Tube	JF168.1.1-2		1	1	750063
9	Flange Bolt 6x12	GB5780-86		4	4	750008
10	Stud Bolt 6x109	JF168.1-2		2	2	750073
11	Stud Bolt 8x32	GB5780-86-1		2	2	750258
12	Dowel Pin 10x16	JF168.2-5		2	2	750097
13	Flange Bolt 8x60	JF168.2-4		4	4	750096
14	Spark Plug (NGK)	JF168.10-1		1	1	750067

Cylinder Barrel Assembly



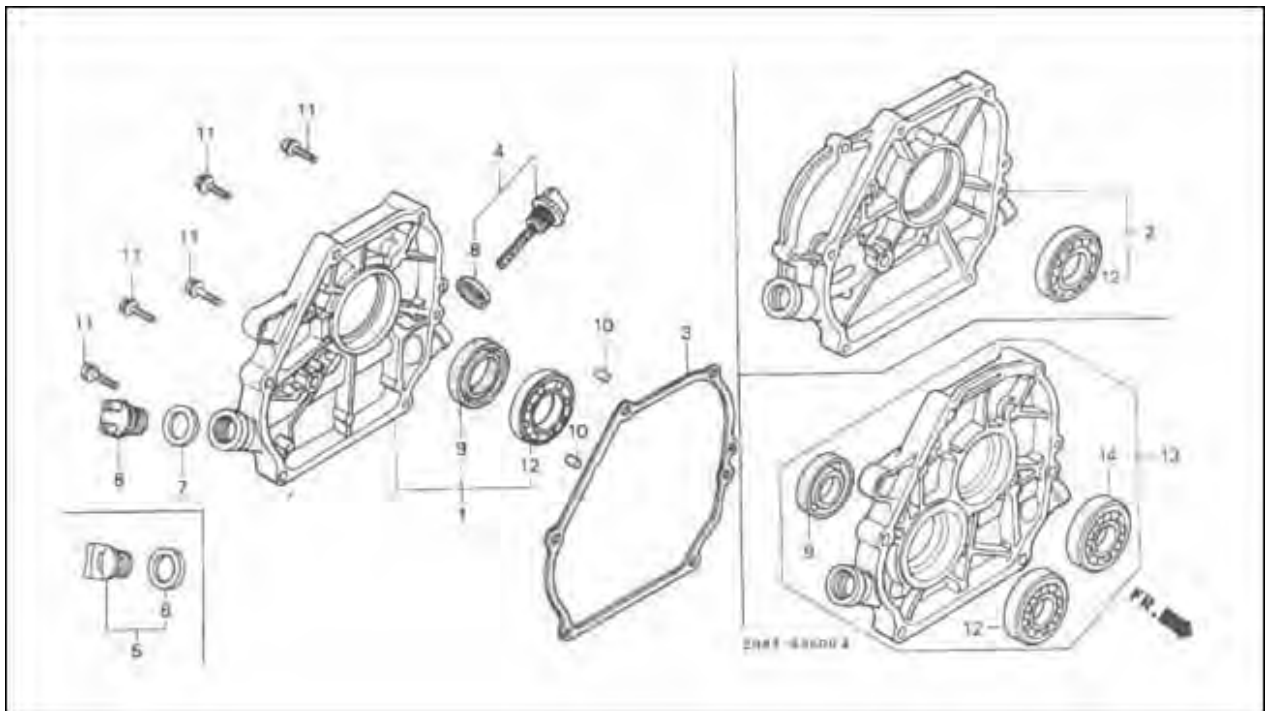
Item	DESCRIPTION	CODE NO.		QTY/UNIT		Part Number
		JD2500	JD3500	JD2500	JD3500	
1	Cylinder Assy.	JF200.2		1	1	750142
2	Oil Level Switch Assy.	JF168.14		1	1	750105
3	Governor Assy.	JF168.11.1		1	1	750069
4	Governor Slider	JF168.11.1-7		1	1	750071
5	Governor Arm Shaft	JF168.11.2-1		1	1	750072
6	Lock Pin 8mm	JF168.11.2-2		1	1	750322
7	Flange Bolt 6x20	GB5780-86-3		2	2	750259
8	Drain Plug Bolt	JF168.2-6		2	2	750098
9	Thrust Washer 6mm	JF168.11.1-5		1	1	750319
10	Drain Plug Washer 10.2mm	GB95-85		2	2	750014
11	Governor Holder Clip	JF168.11.1-8		1	1	750320

Cylinder Barrel Assembly



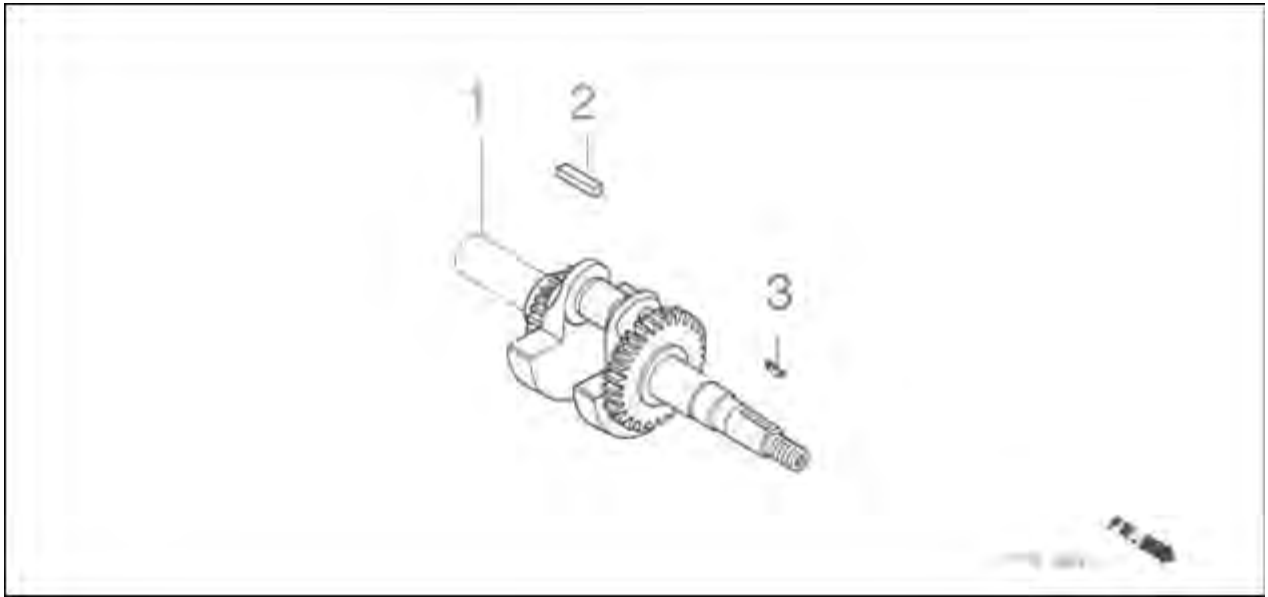
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
12	Radial Ball Bearing(6205) (TPI)	GB276-89		2	1	750007
13	Oil Seal 25x41.25x6	GB13817-92		2	1	750006
14	O-Ring 14mm	JF168.14.2-10		1	1	750340
15	Flange Nut 10mm	GB6177-86		1	1	750004
16	Plain Washer 6mm	JF168.11.1-6		1	1	750070

Crankcase Cover System Assembly



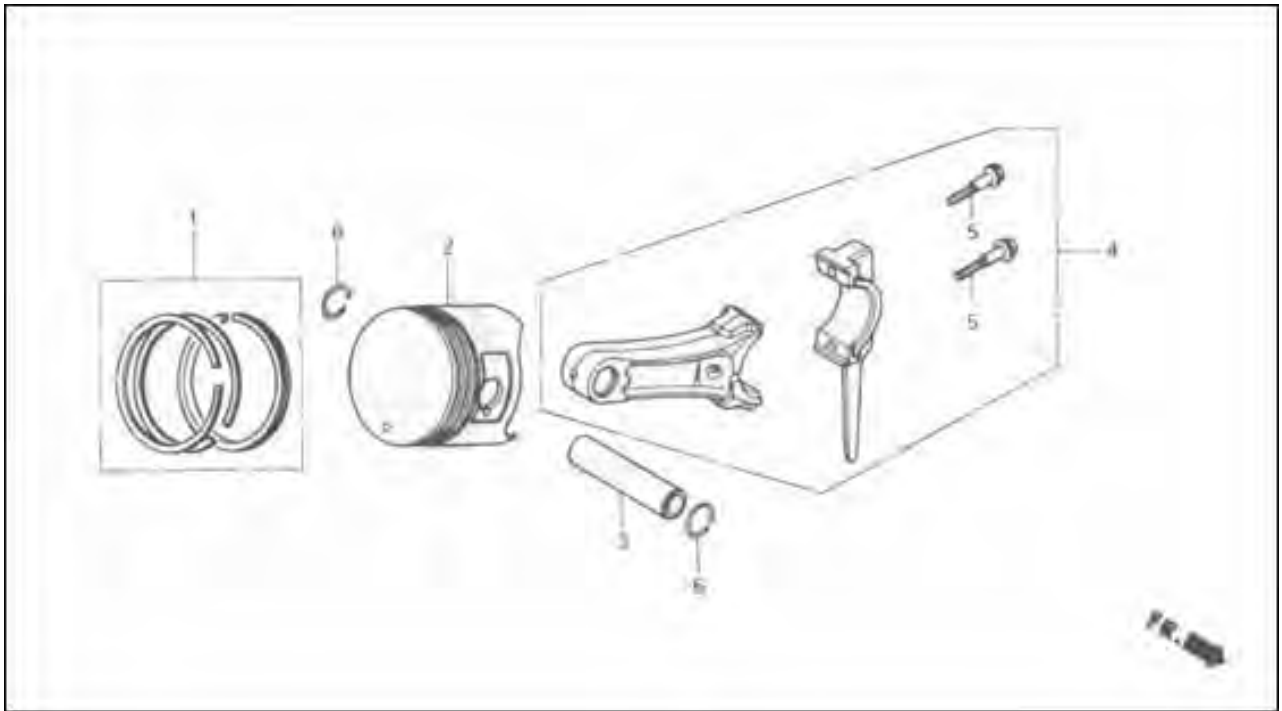
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Crankcase Cover Assembly	JF168.15-1A		1	1	750085
2	Crankcase Cover Assembly	JF168.15-1B		1	1	750231
3	Packing, Case Cover	JF168.15-2		1	1	750234
4	Oil Filler Dip Stick	JF168.15-3		1	1	750086
5	Oil Filler Cap Assembly	JF168.15-5A		1	1	750341
6	Oil Filler Cap Assembly	JF168.15-5B		1	1	750342
7	Oil Filler Cap Gasket	JF168.15-6A		1	1	750087
8	Oil Filler Cap Gasket	JF168.15-6B		2	2	750343
9	Oil Seal, 25x41.25x6	GB13817-92		1	1	750006
10	Dowel Pin 8x14	JF168.15-4		2	2	750233
11	Flange Bolt 8x32	GB5780-86		6	6	750258
12	Radial Ball Bearing 6205	GB276-89		1	1	750007
13	Crankcase Cover Assembly	JF168.15-1C		1	1	750232
14	Radial Ball Bearing	GB276-89		1	1	750001

Crankshaft System Assembly



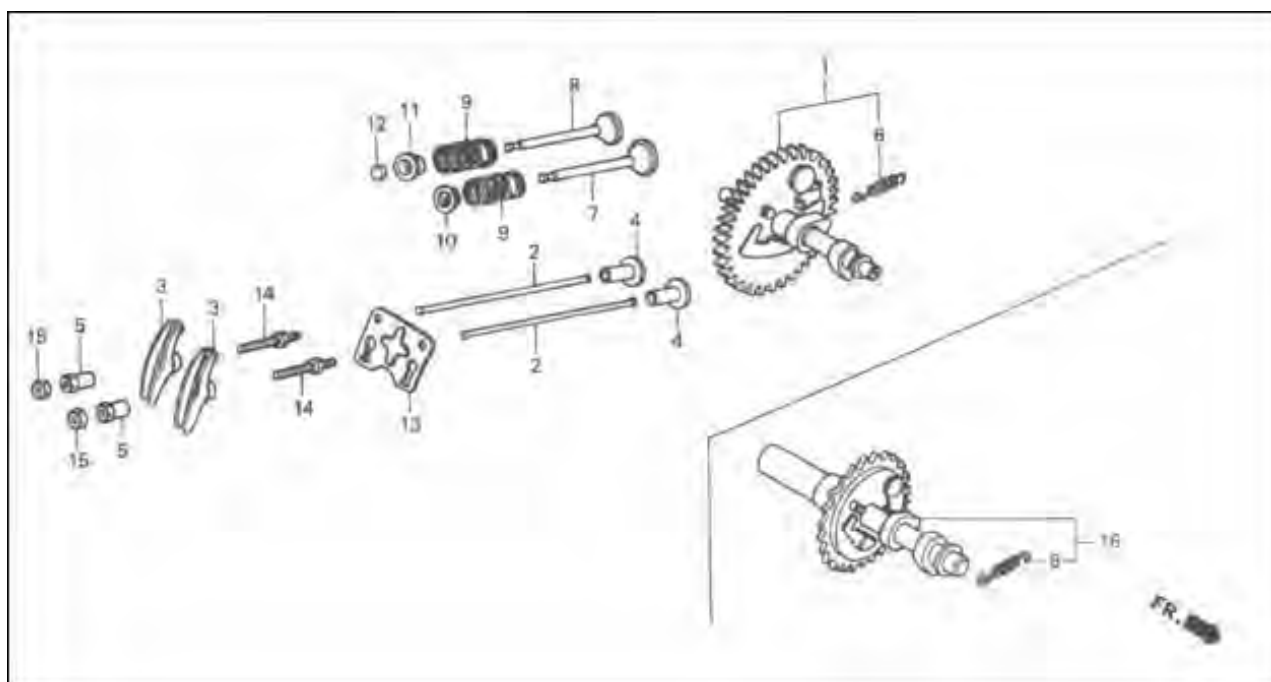
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Crankshaft Comp	JF200.4		1	1	750235
2	Key 5x5x30	GB1096-79		1	1	750236
3	Special Woodruff Key	JF168.4.2-2		1	1	750237

Piston System Assembly



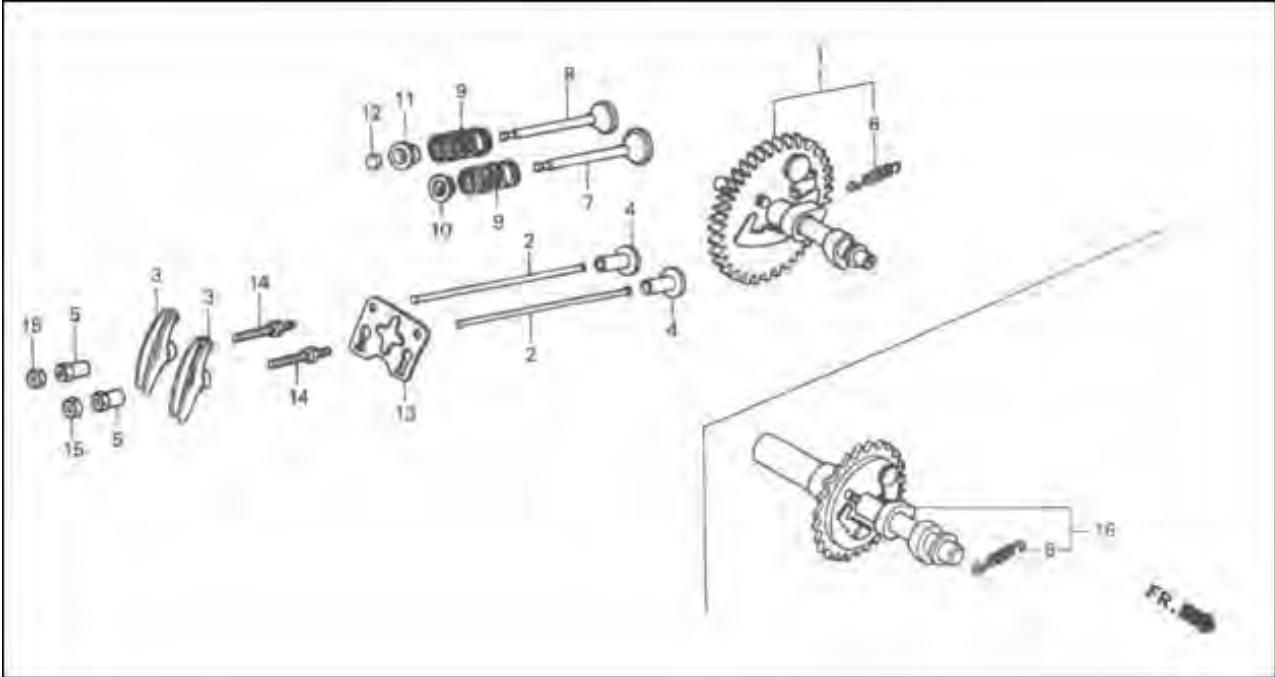
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Piston Ring Set	JF168.3-1		1	1	750101
2	Piston	JF200.3-5		1	1	750238
3	Piston Pin	JF168.3-4		1	1	750102
4	Connecting Rod Assy.	JF168.3-6		1	1	750103
5	Connection Rod Bolt	JF168.3-8		2	2	750239
6	Piston Pin Clip 18mm	JF168.3-9		2	2	750104

Camshaft System Assembly



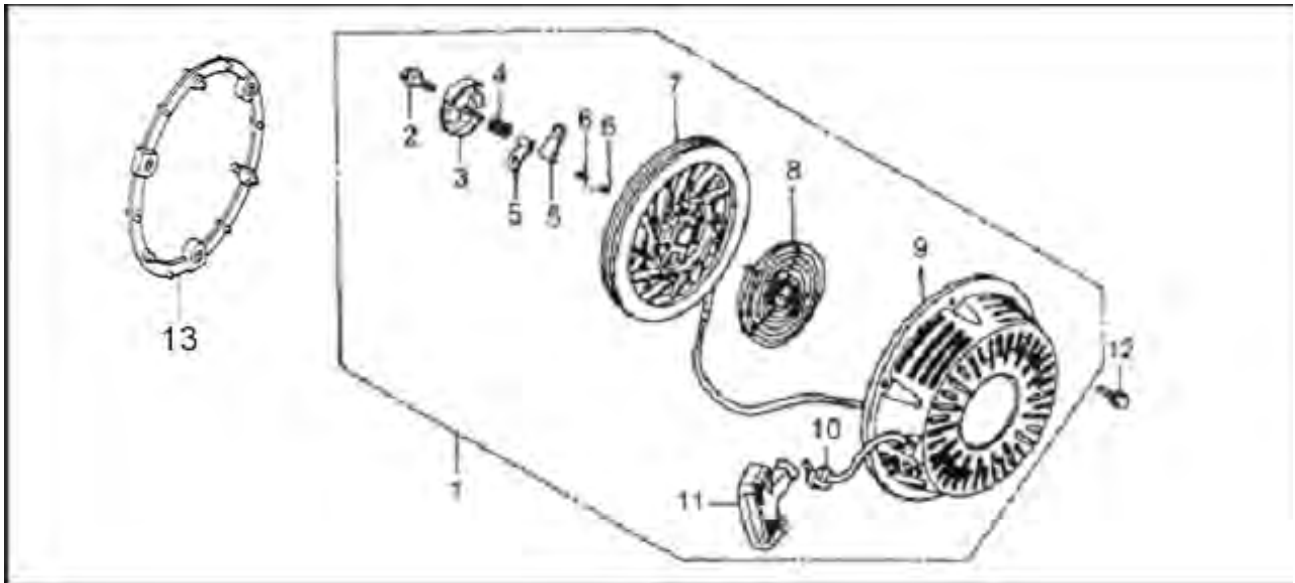
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Camshaft Assy.	JF200.5-1A		1	1	750147
2	Push Rod	JF200.1.2-14		2	2	750143
3	Valve Rocker Arm	JF168.1.2-9		2	2	750240
4	Valve Lifter	JF200.1.2-15		2	2	750092
5	Rocker Arm Pivot	JF168.1.2-8		2	2	750241
6	Weight Return Spring	JF168.5-5		1	1	750242
7	In. Valve	JF168.1.2-3		1	1	750243
8	Ex. Valve	JF168.1.2-4		1	1	750244
9	Valve Spring	JF168.1.2-10		2	2	750089
10	IN. Valve Spring Retainer	JF168.1.2-1		1	1	750311
11	EX. Valve Spring Retainer	JF168.1.2-11		1	1	750090
12	Ex Valve Rotator	JF168-2-12		1	1	750091

Camshaft System Assembly



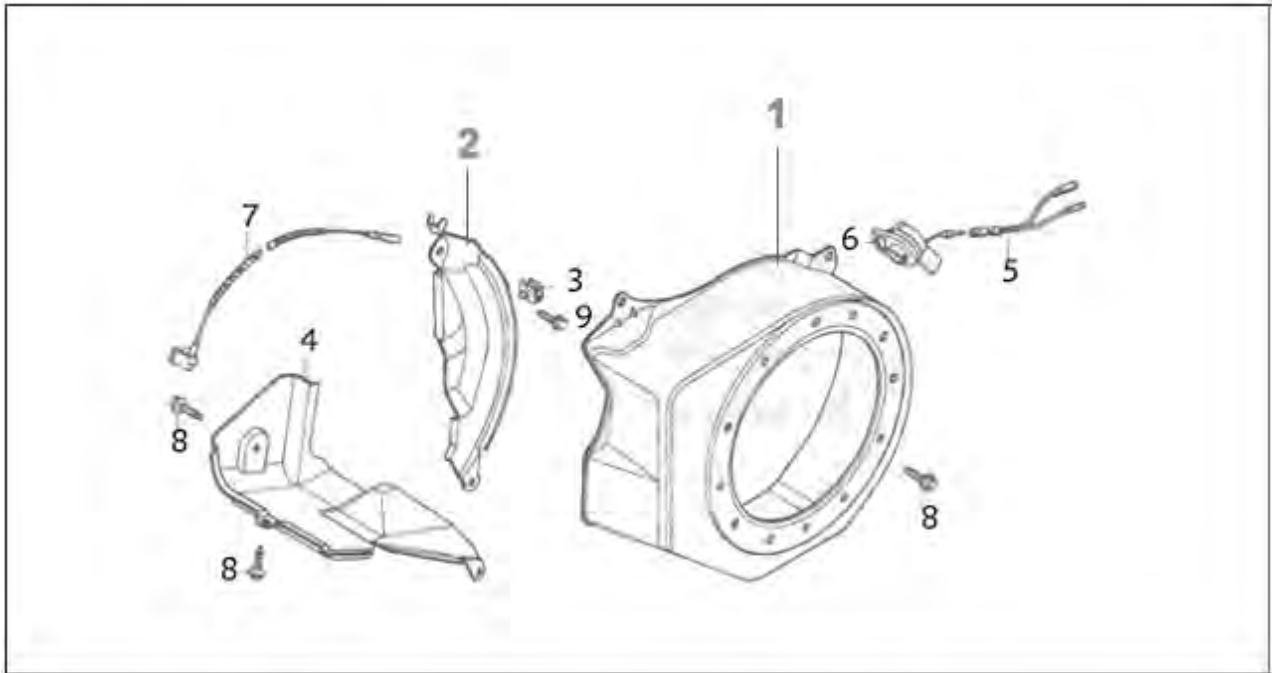
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
13	Push Rod Guide Plate	JF200.1.2-16		1	1	750144
14	Pivot Bolt (8mm)	JF168.1.2-7		2	2	750100
15	Pivot Adjusting Nut	JF168.1.2-17		2	2	750093

Recoil Starter



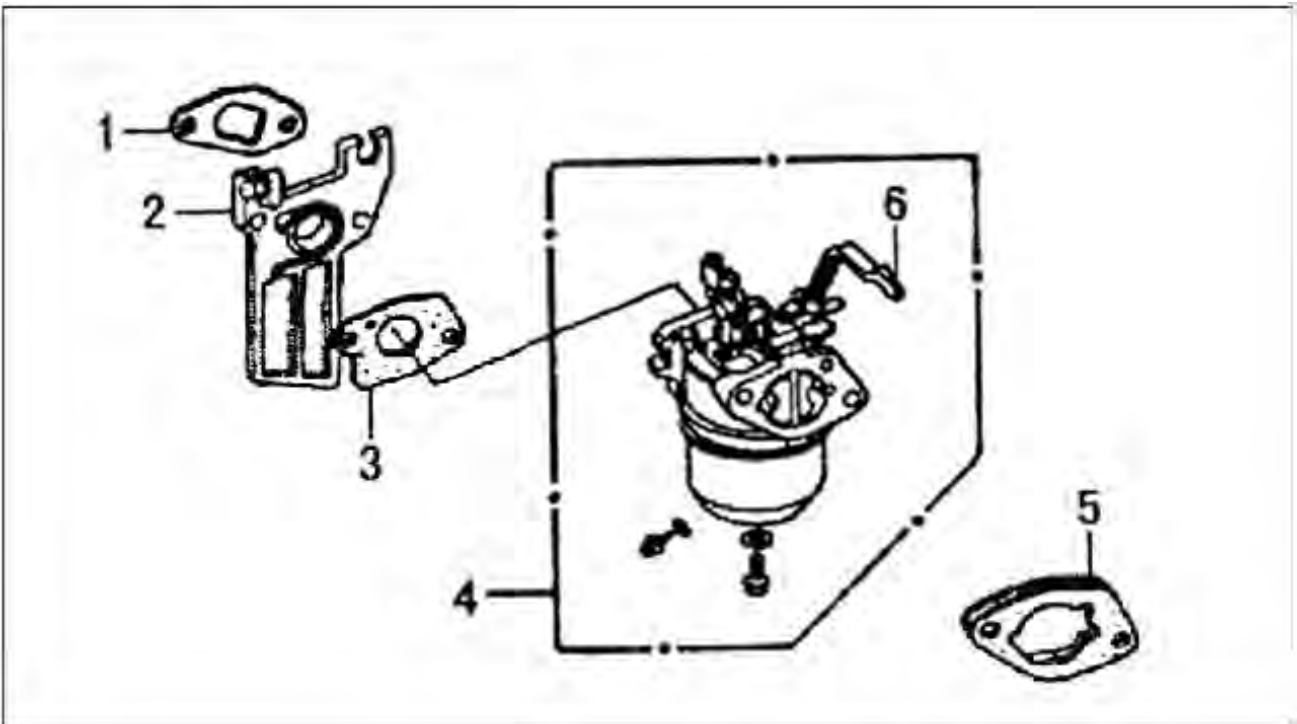
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Recoil Starter Assy.	JF168.13		1	1	750077
2	Set Screw	JF168.13-7		1	1	750245
3	Ratchet Guide	JF168.13-6		1	1	750083
4	Spring Friction	JF168.13-8		1	1	750246
5	Starter Ratchet	JF168.13-5		2	2	750082
6	Ratchet Spring	JF168.13-4		2	2	750081
7	Recoil Starter Reel	JF168.13-3		1	1	750080
8	Recoil Starter Spring	JF168.13-10		1	1	750247
9	Recoil Starter Case Comp	JF168.13.1		1	1	750248
10	Recoil Starter Rope	JF168.13-2		1	1	750079
11	Recoil Starter Knob	JF168.13-1		1	1	750078
12	Flange Bolt 6x8	GB5780-86-7		3	3	750263
13	Recoil Starter Spacer	JF200.13.2-1		0	1	750249

Fan Cover System Assembly



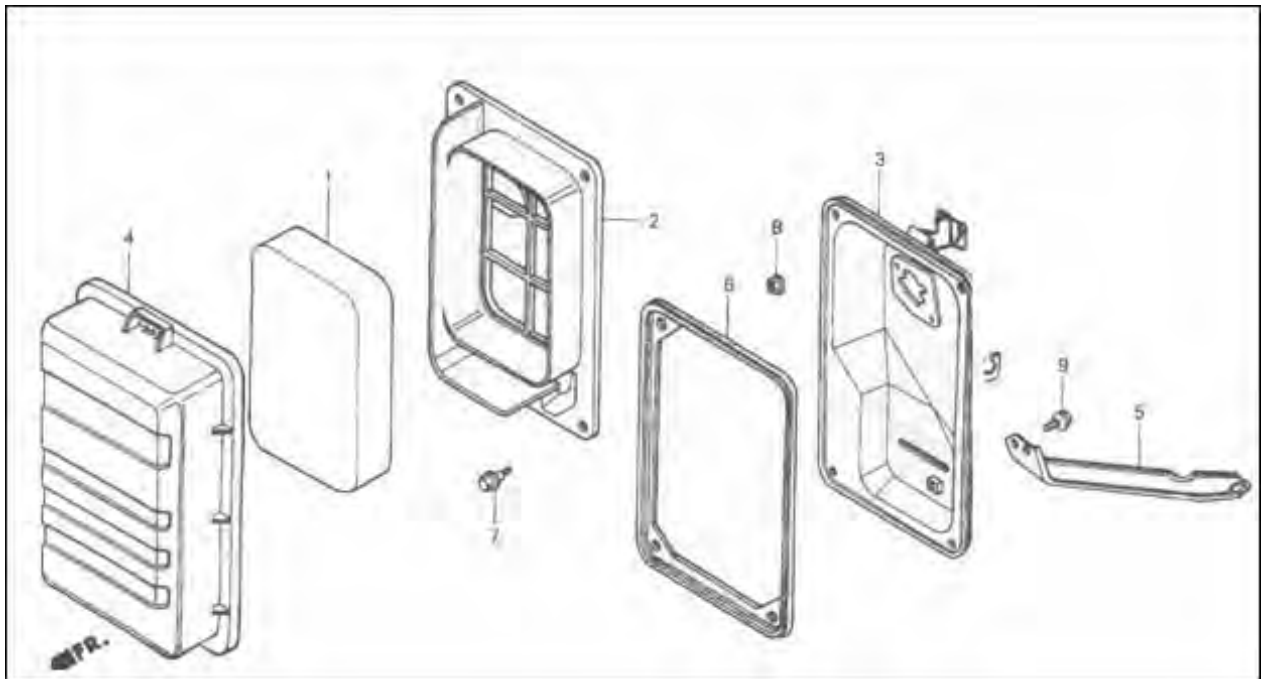
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Fan Cover Comp	JF200.13-11		1	1	750139
2	Side Plate	JF168.12.1-1		1	1	750250
3	Cord Clamper	JF168.12.1-2		1	1	750338
4	Shroud Comp	JF168.12.-2		1	1	750251
5	Sub-Harness	JF168.10.3		1	1	750252
6	Engine Stop Switch Assembly	JF168.10.1		1	1	750066
7	Stop Switch Wire	JF168.10.2-2		1	1	750253
8	Flange Bolt 6x12	GB5780-86		6	6	750008
9	Flange Bolt 6x16	GB5780-86-4		1	1	750260

Carburetor System Assembly



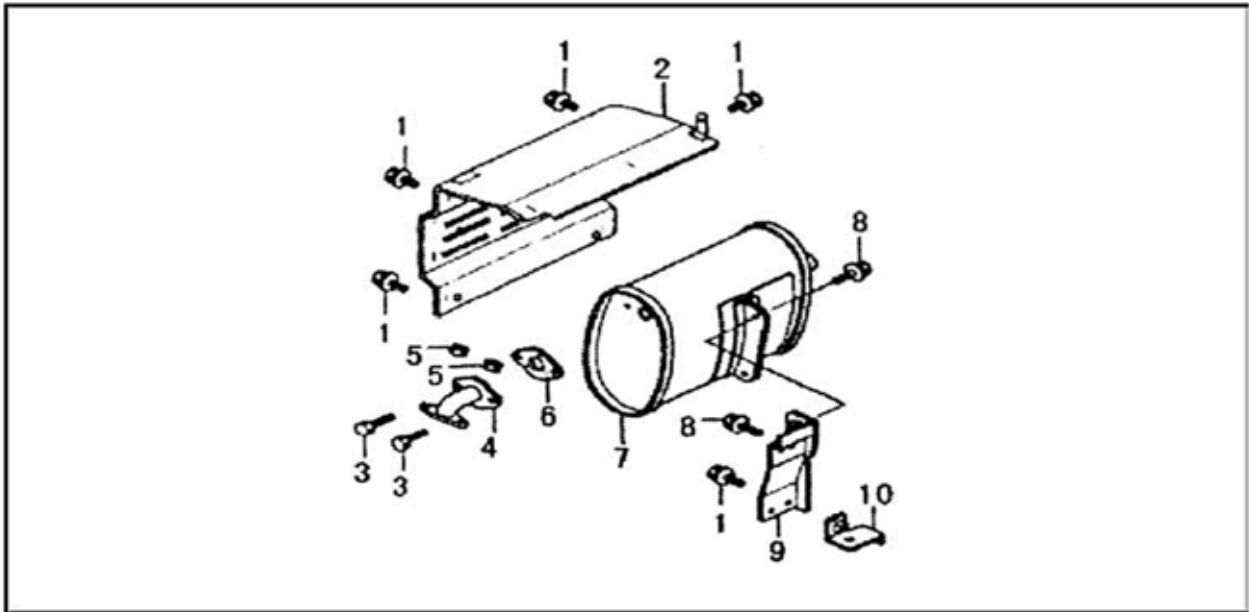
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Insulator Gasket	JF168.1.1-4		1	1	750065
2	Carburetor Insulator	JF200.9-1		1	1	750148
3	Carburetor Gasket	JF168.9-2		1	1	750133
4	Carburetor	JF200.9-5		1	1	750254
5	Carburetor Spacer	JF168.6-9		1	1	750255
6	Choke Lever Comp	JF168.9-6		1	1	750256

Air Cleaner



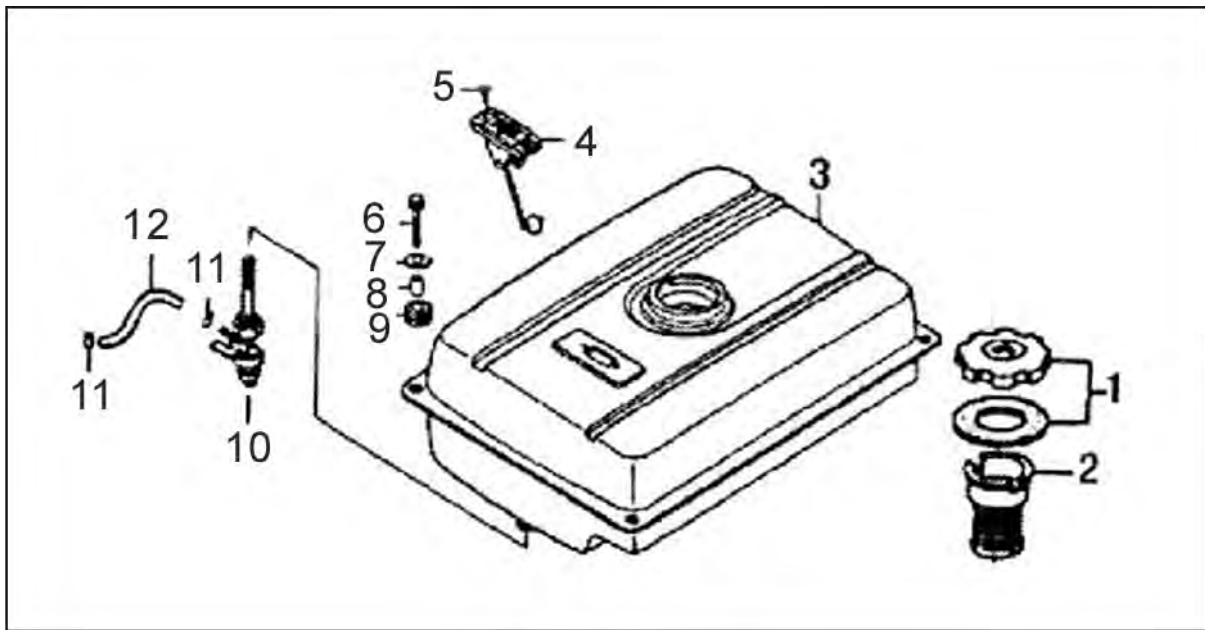
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Outer Filter	JF168.6.2-1		1	1	750108
2	Air Cleaner	JF168.6.2-2		1	1	750257
3	Air Cleaner Case	JF168.6.2-3		1	1	750109
4	Air Cleaner Cover	JF168.6.2-4		1	1	750110
5	Air Cleaner Bracket	JF168.6.2-5		1	1	750111
6	Air Cleaner Seal	JF168.6.2-6		1	1	750112
7	Winker Setting Bolt	GB5780-86-6		4	4	750262
8	Flange Nut 6mm	GB6177-86		4	4	750281
9	Flange Bolt 6x10	GB5780-86-5		2	2	750261

Muffler



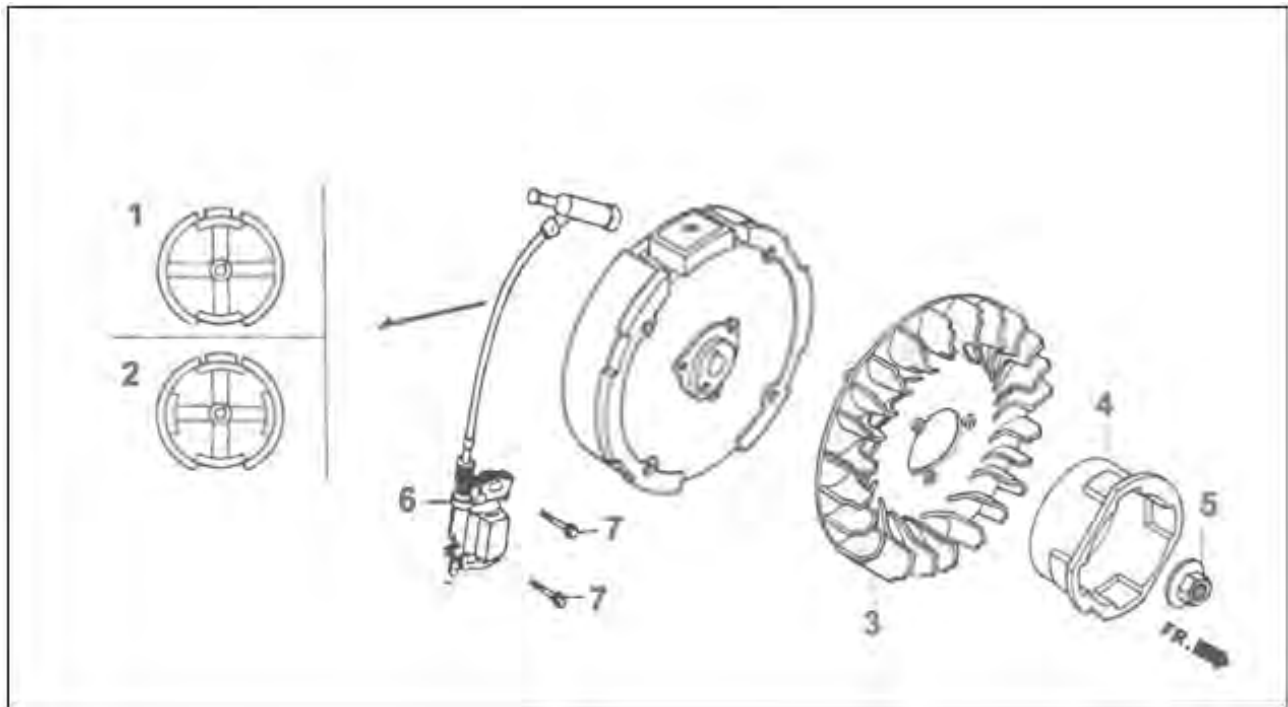
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Bolt, Flange	GB5787-86		6	6	750010
2	Protector Muffler	JF168.7.6-1		1	1	750114
3	Bolt, Flange	GB5787-86		2	2	750010
4	Pipe, Exhaust	JF168.7.6-2		1	1	750115
5	Nut, Exhaust Pipe	GB/T6173-86		2	2	750003
6	Gasket, Exhaust Pipe	JF168.7.6-3		1	1	750116
7	Muffler Comp.	JF168.7.6-4		1	1	750117
8	Bolt, Flange	GB5787-86		1	1	750010
9	Stay A, Muffler	JF168.7.6-5		1	1	750118
10	Stay B, Muffler	JF168.7.6-6		1	1	750119

Fuel Tank System Assembly



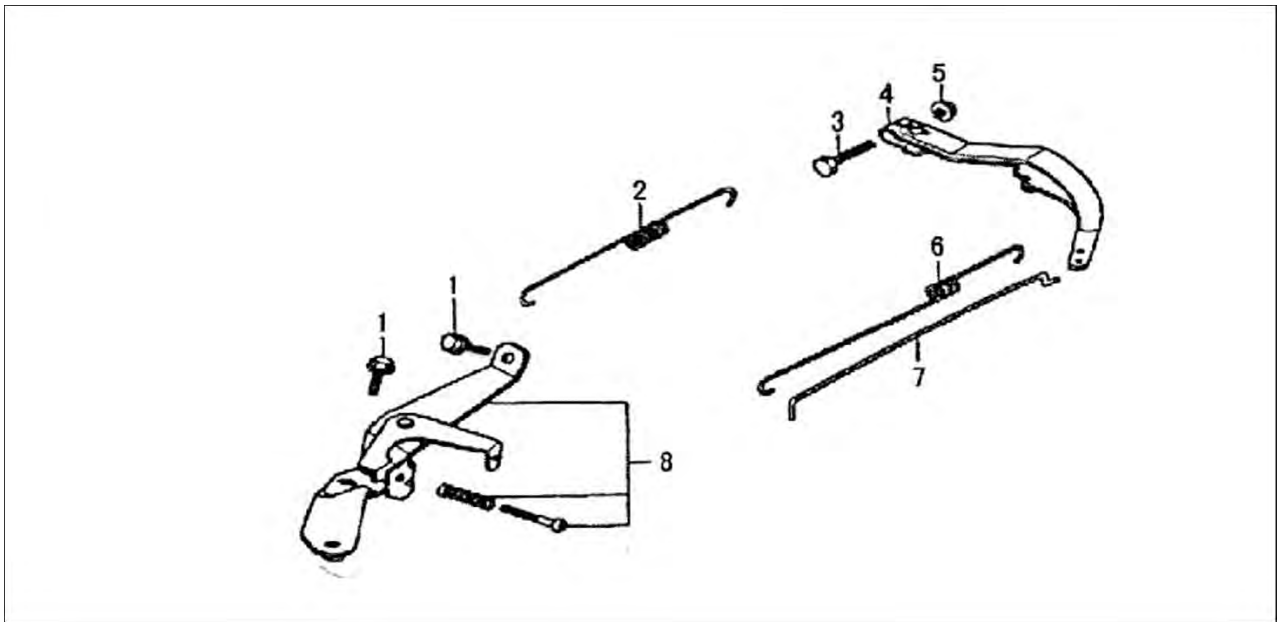
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Cap Comp, Fuel Filler	JF168.8.1		1	1	750121
2	Filter, Fuel	JF168.8.4		1	1	750125
3	Tank Comp, Fuel	JF168.8.5-1		1	1	750126
4	Meter Assy. Fuel Rectangular	JF168.8.5-2		1	1	750127
4	Meter Assy. Fuel Round	JF168.8.3		1	1	750620
5	Screw, Flat	GBT819-86		2	1	750005
6	Bolt, Flange	GB5780-86		4	1	750008
7	Washer, Air Duct	JF168.8.5-3		4	1	750128
8	Collar, Tank Cushion	JF168.8.5-4		4	1	750129
9	Rubber, Control Box	JF168.8.5-5		4	1	750130
10	Joint, Fuel Tank	JF168.8.5-6		1	1	750131
11	Clip, Tube	JF168.8.3-4		2	1	750124
12	Tube, Fuel	JF168.8.3-3		1	1	750123
	Complete Fuel Tank	JF168.8		1	1	750230

Flywheel System Assembly



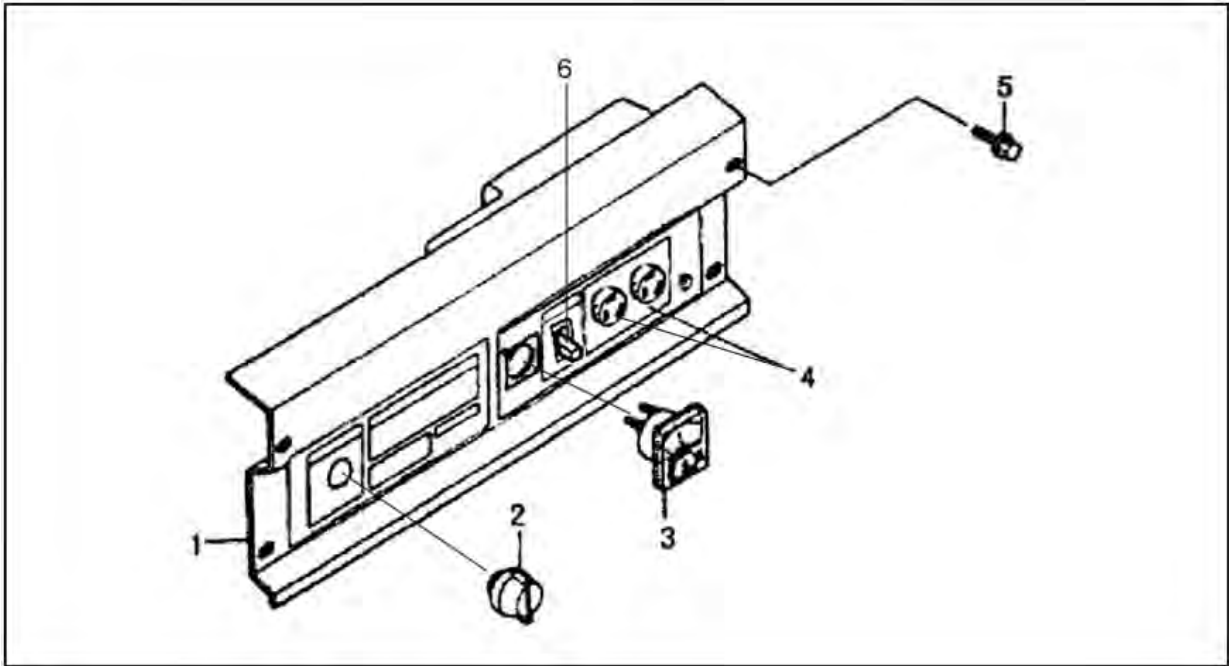
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Flywheel Comp	JF168.4.1A		1	1	750346
2	Flywheel Comp For Lamp	JF168.4.1B		1	1	760007
3	Cooling Fan	JF168.12-1		1	1	750278
4	Starter Pulley	JF200.13-9		1	1	750140
5	Special Nut	JF168.4-5		1	1	750347
6	Ignition Coil Assy.	JF168.10.2		2	2	750106
7	Flange Bolt 6 X 12	GB5780-86		2	2	750008

Control



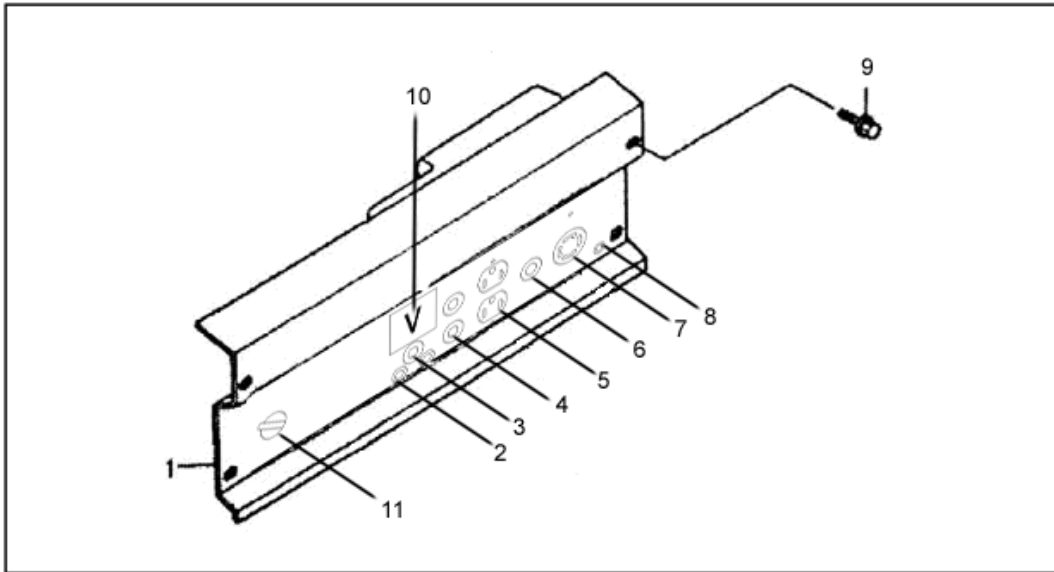
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		PART NUMBER
		JD2500	JD3500	JD2500	JD3500	
1	Bolt, Flange	GB5785-86		2	2	750009
2	Spring, Governor	JF168.11.2-5		1	1	750135
3	Bolt, Flange	JF168.11.2-3		1	1	750323
4	Arm, Governor	JF168.11.2-4		1	1	750134
5	Nut, Flange	GB/T6173-86		1	1	750003
6	Spring, Throttle Return	JF168.11.2-6		1	1	750136
7	Rod, Governor	JF168.11.2-7		1	1	750137
8	Control Assy.	JF168.11.3		1	1	750326

Control Panel



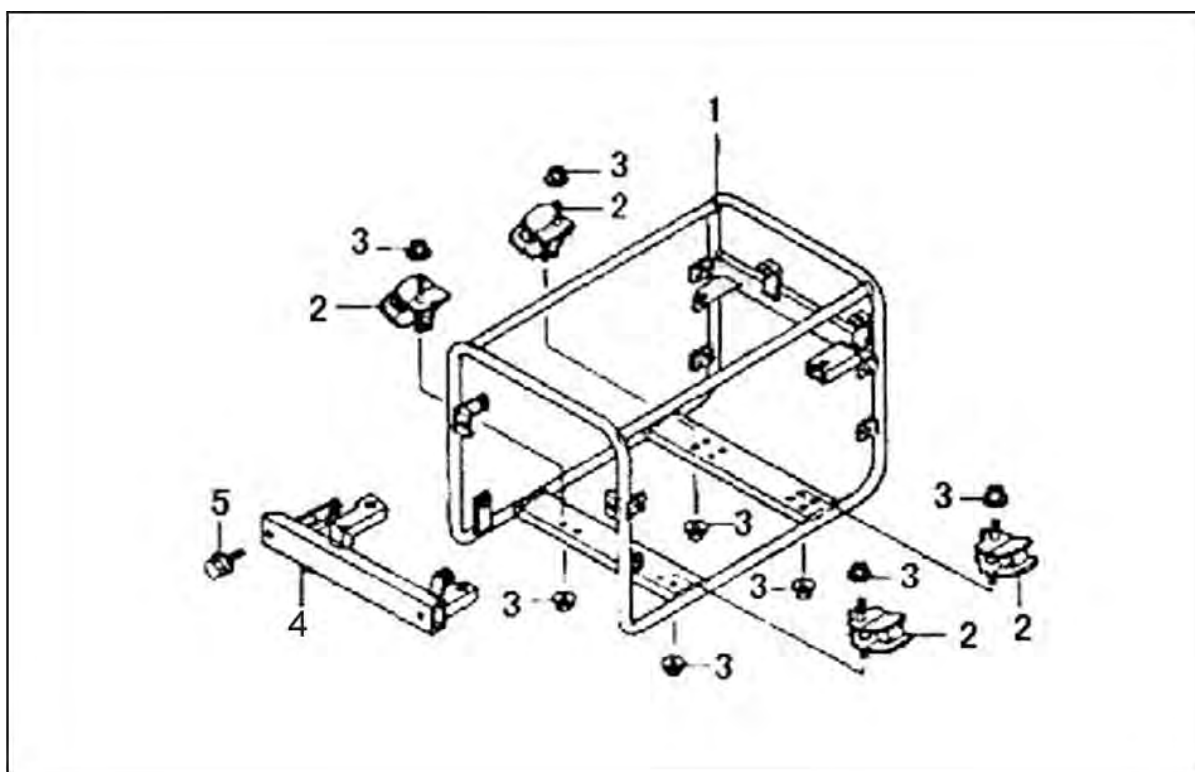
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		Part Number	
		JD2500	JD3500	JD2500	JD3500	JD2500	JD3500
1	Panel Comp., Control	JD2500.1	JD3500.1	1	1	750288	750016
2	Switch Assy., Engine	JD2500.1-1	JD3500.1-1	1	1	750289	750017
3	Voltmeter Assy.	JD2500.1-2	JD3500.1-2	1	1	750290	750018
4	Electrical Outlet	JD2500.1-3	JD3500.1-3	2	2	750291	750019
5	Bolt, Flange	GB5785-86	GB5785-86	4	4	750009	750009
6	Circuit Breaker	JD2500.1-4	JD3500.1-4	1	1	750292	750020

Dual Voltage Control Panel



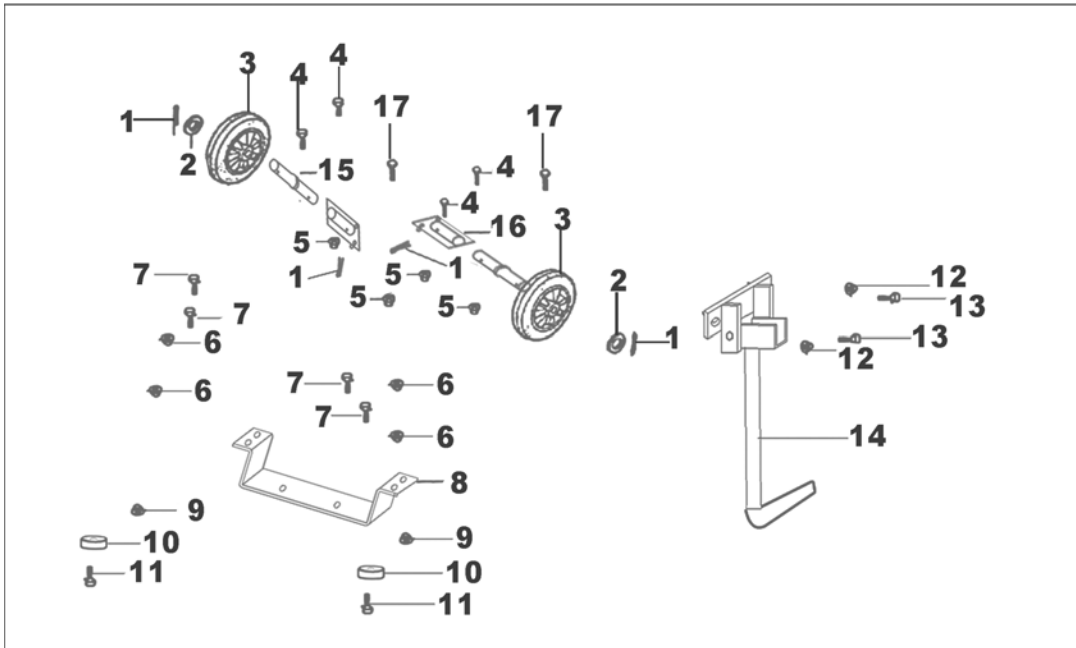
ITEM	DESCRIPTION	CODE NO.	QTY/UNIT	PART NUMBER
		JD3500	JD3500	
1	PANEL COMP., CONTROL	JD3000.1-5	1	770181
2	DC 12V	JD3000.1-6	2	770182
3	CIRCUIT BREAKER(DC8A)	JD3000.1-7	1	770183
4	CIRCUIT BREAKER(13A)	JD3000.1-8	2	770184
5	RU-22	JD3000.1-3	1	770185
6	VOLT CHANGE	JD3000.1-9	1	770186
7	L14-30	JD3000.1-10	1	770187
8	EARTH TERMINAL	JD3000.1-11	1	770188
9	BOLT, FLANGE	GB5785-86	4	750009
10	VOLTMETER	JD3000.1-8	1	770189
11	ENGINE SWITCH	JD3000.1-9	1	770190

Frame



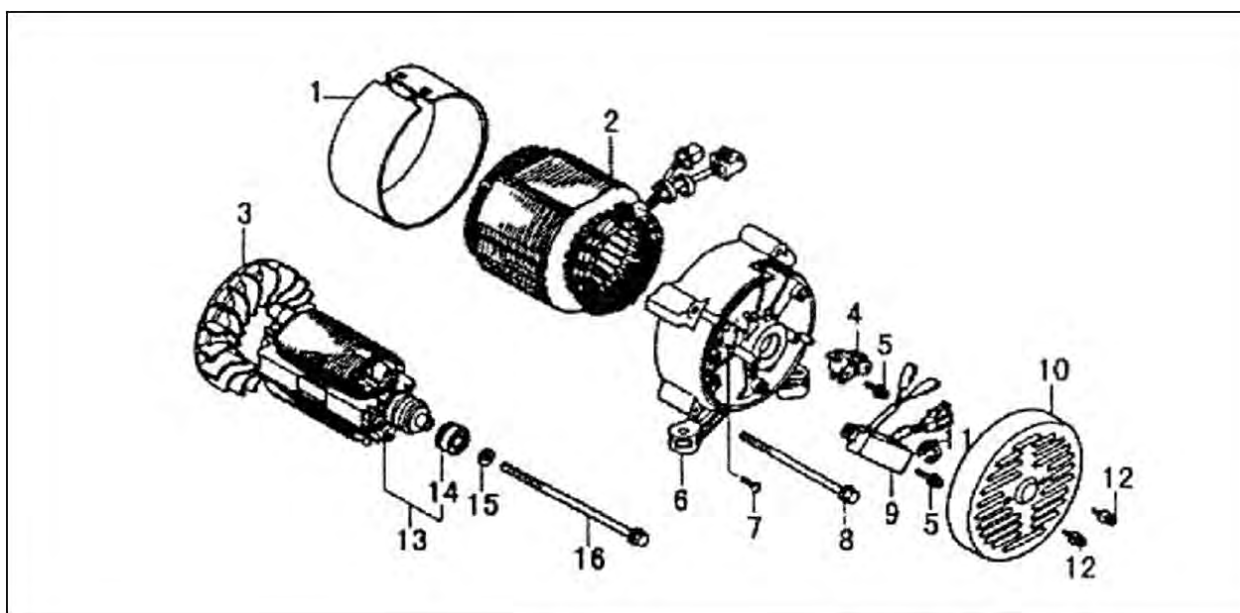
ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		Part Number	
		JD2500	JD3500	JD2500	JD3500	JD2500	JD3500
1	Frame Comp.	JD2500.2-1	JD3500.2-1	1	1	750293	750021
2	Rubber, Bottom	JD2500.2-2	JD3500.2-2	4	4	750294	750022
3	Nut, Flange	GB/T6173-86	GB/T6173-86	8	8	750003	750003
4	Side Shelves	JD2500.2-3	JD3500.2-3	1	1	750295	750023
5	Bolt, Flange	GB5785-86	GB5785-86	2	2	750009	750009

Wheel and Handle



ITEM	DESCRIPTION	CODE NO.	QTY	Part Number
		JD2500/ JD3500	Unit	
1	Pin Split	JD3500.4-1	4	770058
2	Plain Washer	JD3500.4-2	2	770057
3	Wheel	JD3500.4-3	2	770059
4	Flange Bolt (M6X 35)	GB5785-86-2	4	770065
5	Flange Nut (M6)	GB/T6173-86-2 (M6)	6	750383
6	Flange Nut (M8)	GB/T6173-86 (M8)	4	750491
7	Flange Bolt (M8x16)	GB5785-86-4	4	750380
8	Feet	JD3500.4-4	1	770060
9	Flange Nut (M8)	GB/T6173-86 (M8)	2	750491
10	Vibration Absorber	JD3500.4-5	2	770061
11	Flange Bolt (M8x25)	GB5785-86-5	2	750381
12	Flange Nut (M8)	GB/T6173-86 (M8)	2	750491
13	Flange Bolt (M8x40)	GB5785-86-3	2	770066
14	Handle	JD3500.4-6	1	770062
15	Shaft	JD3500.4-7	2	770063
16	Bracket	JD3500.4-8	2	770064
17	Flange Bolt (M6x16)	GB5785-86-4	2	750260

Rotor and Stator



ITEM	DESCRIPTION	CODE NO.		QTY/UNIT		Part Number	
		JD2500	JD3500	JD2500	JD3500	JD2500	JD3500
1	Cover, Stator	JD2500.3-1	JD3500.3-1	1	1	750296	750024
2	Stator, Assembly	JD2500.3-2	JD3500.3-2	1	1	750300	750028
3	Fan, Cooling	JD2500.3-3	JD3500.3-3	1	1	750301	750029
4	Brush Assembly	JD2500.3-4	JD3500.3-4	1	1	750302	750030
5	Screw, Tapping	GB/T819-86	GB/T819-86	3	3	750005	750005
6	Housing	JD2500.3-5	JD3500.3-5	1	1	750303	750031
7	Screw, Pan	GB/T819-86	GB/T819-86	1	1	750005	750005
8	Bolt, Flange	GB5787-86	GB5787-86	1	1	750009	750009
9	Regulator Assy., Automatic Voltage	JD2500.3-6	JD3500.3-6	1	1	750304	750032
10	Cover, Generator	JD2500.3-7	JD3500.3-7	1	1	750305	750033
11	Tie, Cable	JD2500.3-8	JD3500.3-8	1	1	750306	750034
12	Bolt, Flange	GB5787-86	GB5787-86	2	2	750009	750009
13	Rotor Comp	JD2500.3-9	JD3500.3-9	1	1	750307	750035
14	Bearing	JD2500.3-10	JD3500.3-10	1	1	750297	750025
15	Washer Plain	JD2500.3-11	JD3500.3-11	1	1	750298	750026
16	Bolt Flange	JD2500.3-12	JD3500.3-12	1	1	750299	750027