



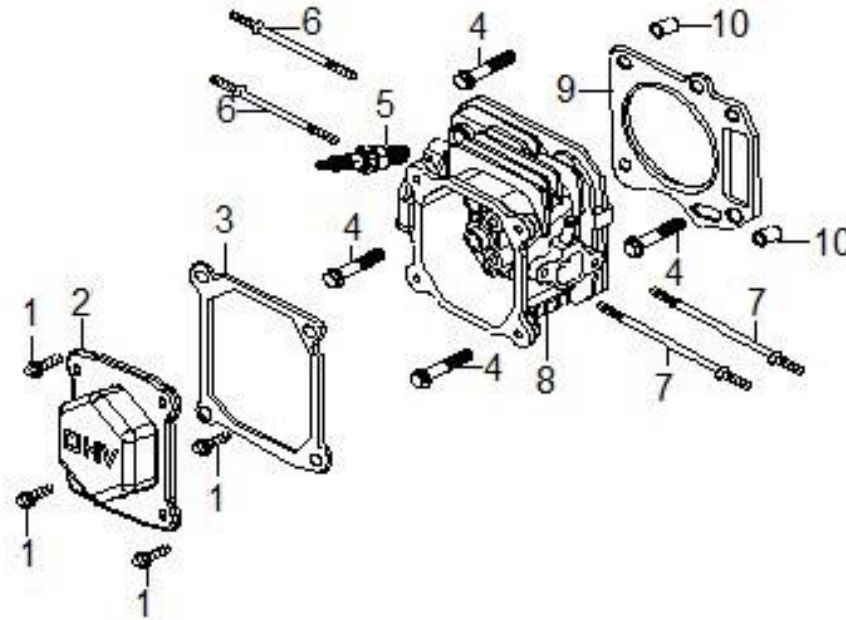
PARTS CATALOG

MOTOR ECO-140 (GEV140)

CONTENTS

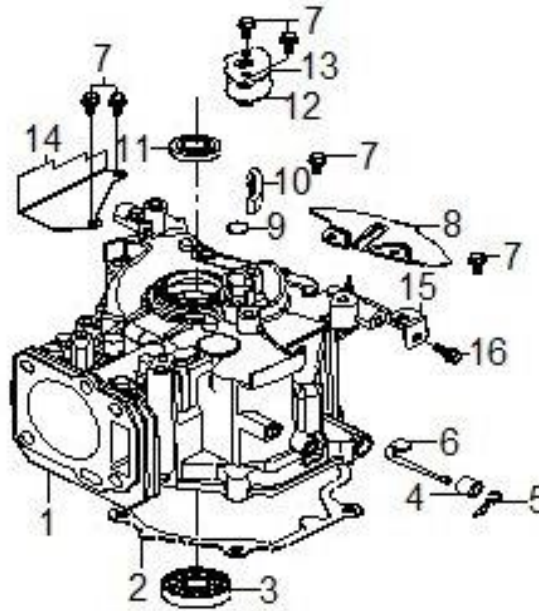
	page
1. Cylinder Head.....	3
2. Crankcase Assy.....	4
3. Crankcase Cover.....	5~6
4. Piston and Connecting Rod.....	7
5. Camshaft	8
6. Recoil Starter.....	9
7. Air Cleaner.....	10
8. Carburetor.....	11~12
9. Control System.....	13
10. Flywheel.....	14
11. Muffler.....	15
12. Fuel Tank.....	16

Cylinder Head



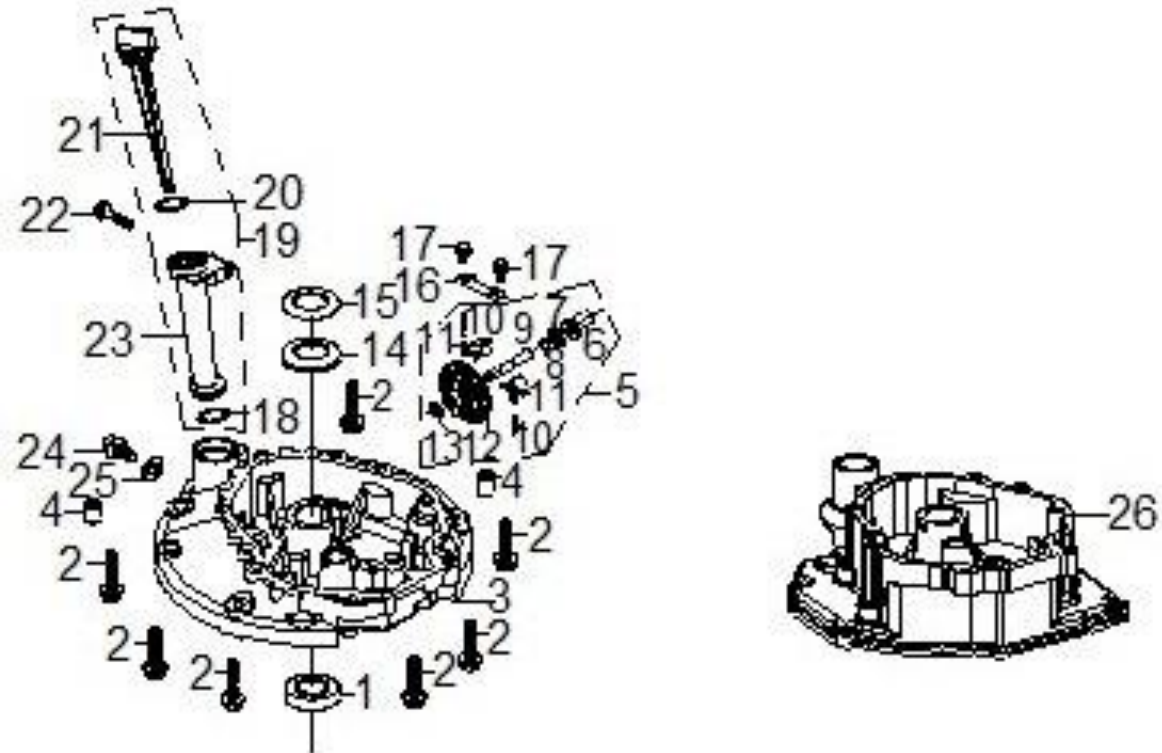
Ref. No	Parts No	Parts Name	Q'ty	Remarks	Ref. No	Parts No	Parts Name	Q'ty	Remarks
1	GB/T5789 M6x14	Bolt M6x14	4		6	12.015.026.0201	Stud M6x100	2	
2	11.003.015.0301	Head cover	1		7	12.015.025.0301	Stud M6x95	2	
3	11.003.016.0201	Gasket, head cover	1		8	11.003.017.0251	Cylinder head assy	1	
4	GB/T5789 M8x50	Bolt M8x50	4		9	11.003.014.0401	Gasket, cylinder head	1	
5	11.008.009.0053	Spark plug F7TC	1		10	11.003.017.0052	Pin Ø10x16	2	

Crankcase



Ref. No	Parts No	Parts Name	Q'ty	Remarks	Ref. No	Parts No	Parts Name	Q'ty	Remarks
1	11.005.022.0451	Crankcase comp	1		9	11.005.007.0001	Breathing valve	1	
2	11.005.021.0301	Gasket, case cover	1		10	11.011.005.0001	Oil strainer	1	
3	GB/T276 6205/P6	Bearing 6205	1		11	12.016.002.0301	Oil seal Ø22xØ35x7	1	
4	11.012.005.0201	Oil seal Ø6xØ11x4	1		12	11.005.005.0051	Gas chamber cover pad	1	
5	11.012.004.0201	Locker, governor arm shaft	1		13	11.005.004.0051	Gas Compartment cover	1	
6	11.012.002.0501	Governor arm shaft	1		14	11.005.017.0251	Shroud Comp	1	
7	GB/T5789 M6x14	Bolt M6x14	6		15	11.009.027.0001	Side plate, fuel tank installation	1	
8	11.009.035.0101	Tank mounting plate	1		16	GB/T5789 M6x14	Bolt M6x14	1	

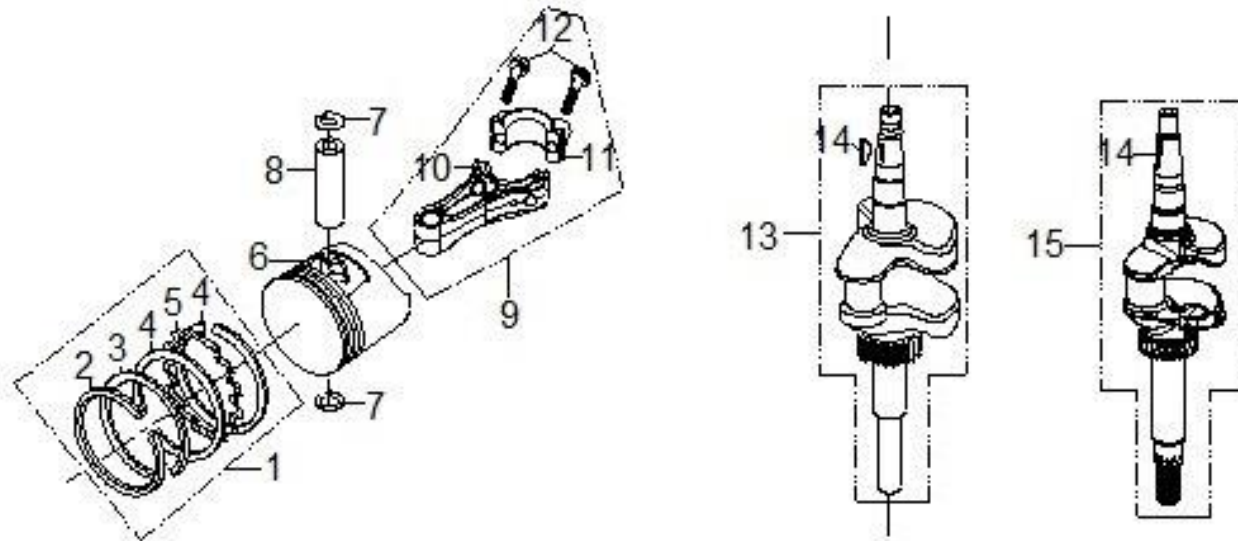
Crankcase Cover



Crankcase Cover

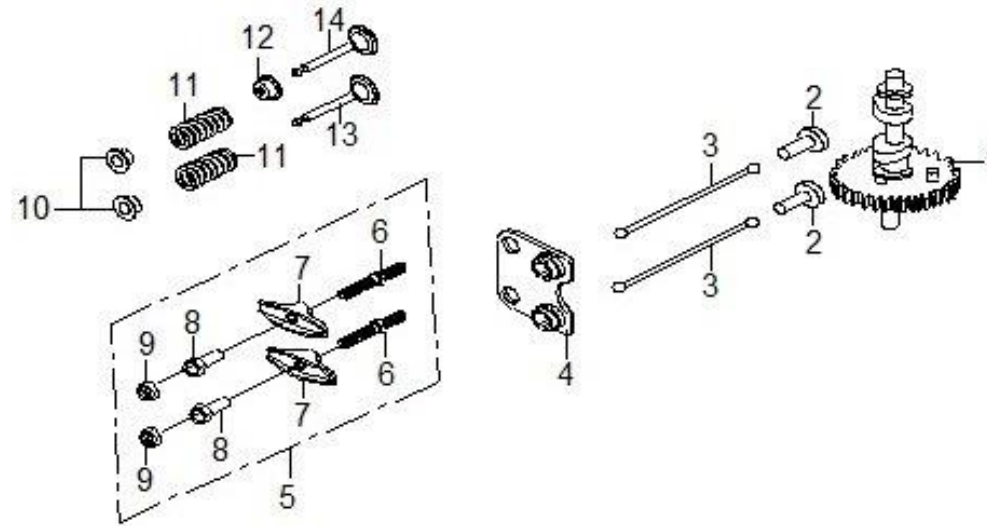
Ref. No	Parts No	Parts Name	Q'ty	Remarks	Ref. No	Parts No	Parts Name	Q'ty	Remarks
1	12.016.002.0500	Oil seal Ø25xØ38x7	1		14		Bearing GB/T276/6205	1	
2	GB/T5789 M6x32	Bolt M6x32	7		15	11.006.018.0001	Crankshaft gasket	1	
3	11.005.018.0351	Cover, crankcase	1		16	11.012.008.0001	Speeder plate	1	
4	12.015.002.0051	Pin Ø8x14	2		17		Bolt M6x14	2	
5	11.012.009.0701	Speed drive gear	1		18		Sealing ring	1	
6		Slider, governor	1		19	11.005.009.0401	Dipstick assy	1	
7		Washer	1		20		Dipstick sealing ring	1	
8		Weight, governor holder	1		21		Dipstick	1	
9		Shaft	1		22		Bolt M6x16	1	
10		Pin, governor weight	2		23		Dipstick cover	1	
11		Weight, governor	2		24	GB/T16674 M10x15	Bolt, drain plug M10x15	1	
12		Slave, gear governor	1		25	12.006.014.0202	Plain washer Ø10xØ16x1.5	1	
13	11.012.007.0002	Plain washer Ø6.2xØ12x1	1		26	11.005.018.0352	Cover, crankcase	1	

Piston and Connecting Rod



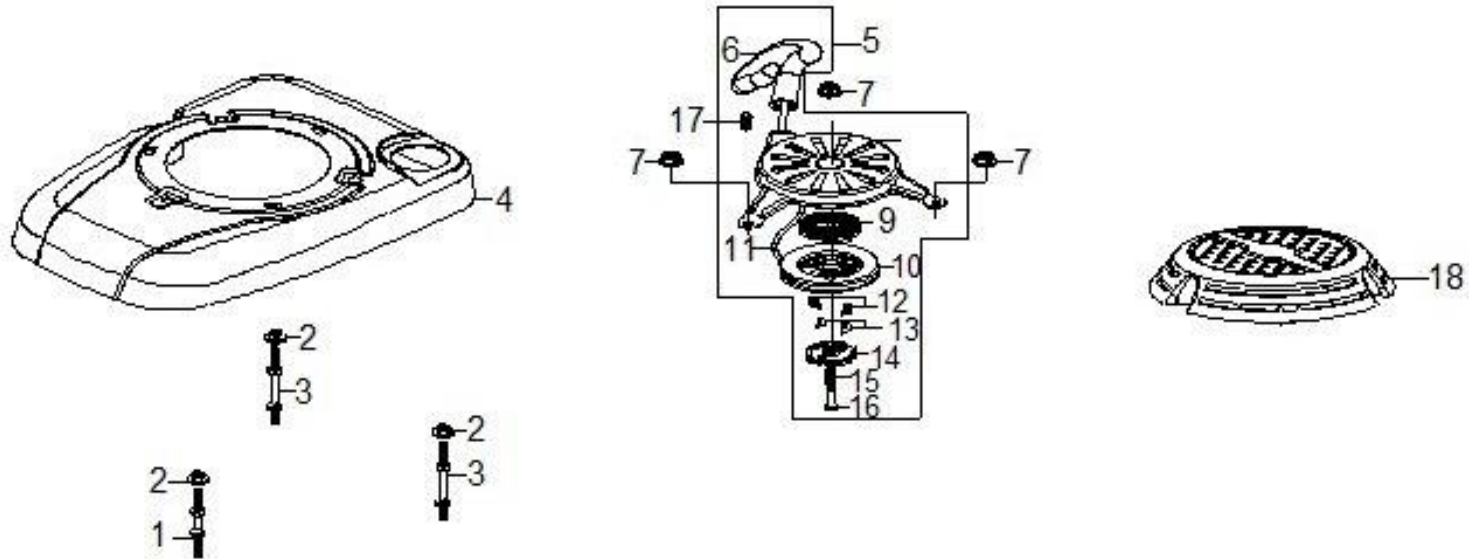
Ref. No	Parts No	Parts Name	Q'ty	Remarks	Ref. No	Parts No	Parts Name	Q'ty	Remarks
1	11.006.004.0451	Piston ring assy	1		9	11.006.007.0351	Connecting rod assy	1	
2		Gas ring one	1		10		Connecting rod	1	
3		Gas ring two	1		11		Connecting rod cover	1	
4		Film loop	2		12		Bolt, Connecting rod	2	
5		Bush ring	1		13	11.006.014.0804	Crank shaft assy	1	
6	11.006.003.0401	Piston	1		14		Special woodruff key	1	
7	11.006.006.0251	Clip, piston pin	2		15	11.006.014.0803	Crank shaft	1	
8	11.006.005.0251	Pin, piston	1						

Camshaft



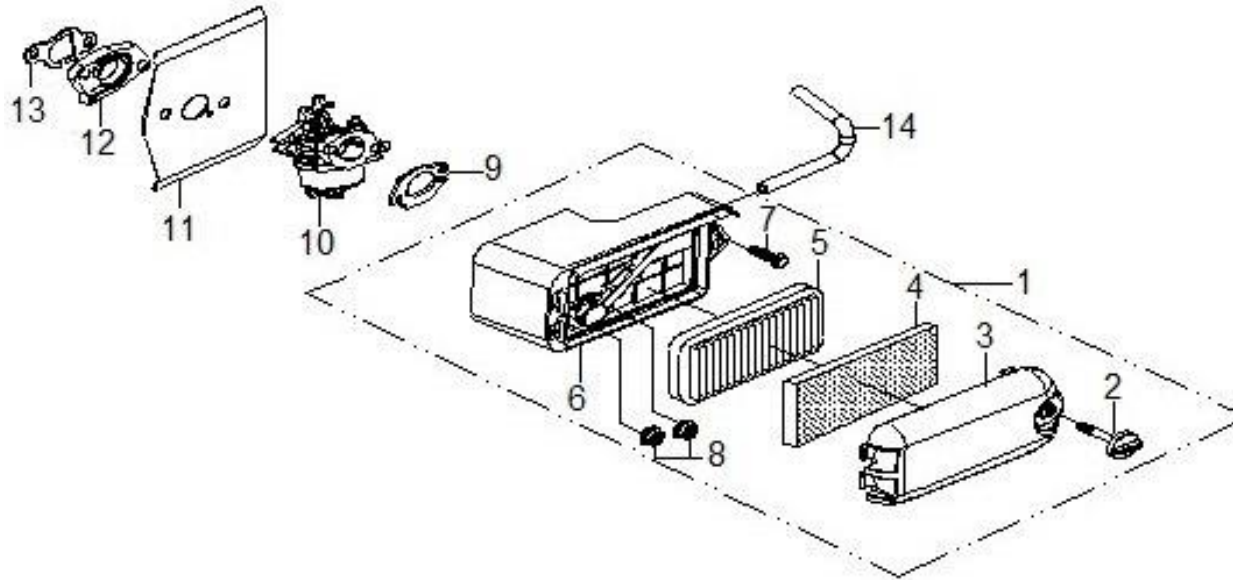
Ref. No	Parts No	Parts Name	Q'ty	Remarks	Ref. No	Parts No	Parts Name	Q'ty	Remarks
1	11.004.019.0352	Camshaft Assy	1		8		Adjusting nut, valve	2	
2	11.004.015.0101	Lifter, valve	2		9		Nut, pivot locking	2	
3	11.004.021.0351	Rod, push	2		10	11.004.003.0201	Valve spring seat	2	
4	11.004.022.0101	Plate, push rod guide	1		11	11.004.001.0151	Valve seal	1	
5	11.004.017.0052	Arm assy, valve rocker	1		12	11.004.009.0101	Spring, valve	2	
6		Bolt, pivot	2		13	11.004.002.0351	Valve, inlet	1	
7		Arm, valve rocker	2		14	11.004.004.0351	Valve, exhaust	1	

Recoil Starter



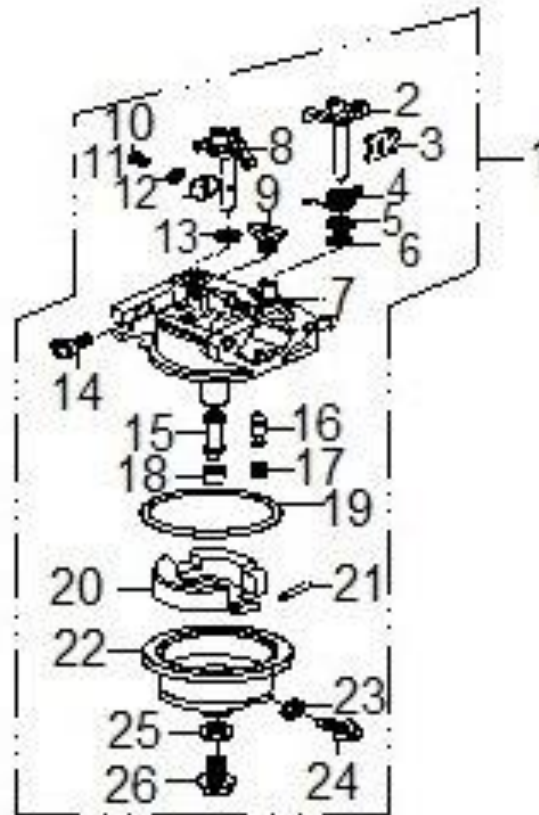
Ref. No	Parts No	Parts Name	Q'ty	Remarks	Ref. No	Parts No	Parts Name	Q'ty	Remarks
1	12.004.001.0001	Stud	1		10		Reel, recoil starter	1	
2		Bush	3		11		Rope, recoil starter	2	
3	12.004.001.0010	Stud	2		12		Spring	2	
4	11.010.006.0001	Wind scooper	1		13		Ratchet, starter	2	
5	11.007.014.0801	Starter comp, recoil	1		14		Ratchet, guide	1	
6		Handle, starter	1		15		Center position spring	1	
7	GB/T 6177 M6	Nut M6	3		16		Center position bolt	1	
8		Starter cover comp, recoil	1		17		Self-tapping screw M5x12	1	
9		Spring, starter recoil	1		18	33509	Starter shroud	1	

Air Cleaner



Ref. No	Parts No	Parts Name	Q' ty	Remarks	Ref. No	Parts No	Parts Name	Q' ty	Remarks
1	11.001.016.0351	Air cleaner assy	1		8	12.001.005.0020	Nut M6 GB/T6177	2	
2		Bolt, Air cleaner	1		9	11.001.005.0071	Packing, carburetor	1	
3		Cover, air cleaner	1		10	11.009.006.0451	Carburetor	1	
4	33480	Sponge element, air cleaner	1		11	11.001.012.0051	Gasket, air cleaner	1	
5		Paper element, air cleaner	1		12	11.001.004.0081	Insulator	1	
6		Air cleaner case	1		13	11.001.009.0031	Air intake washer	1	
7	12.002.013.0180	Bolt M6x22 GB/T5789	1		14	11.001.002.0401	Waste gas pipe	1	

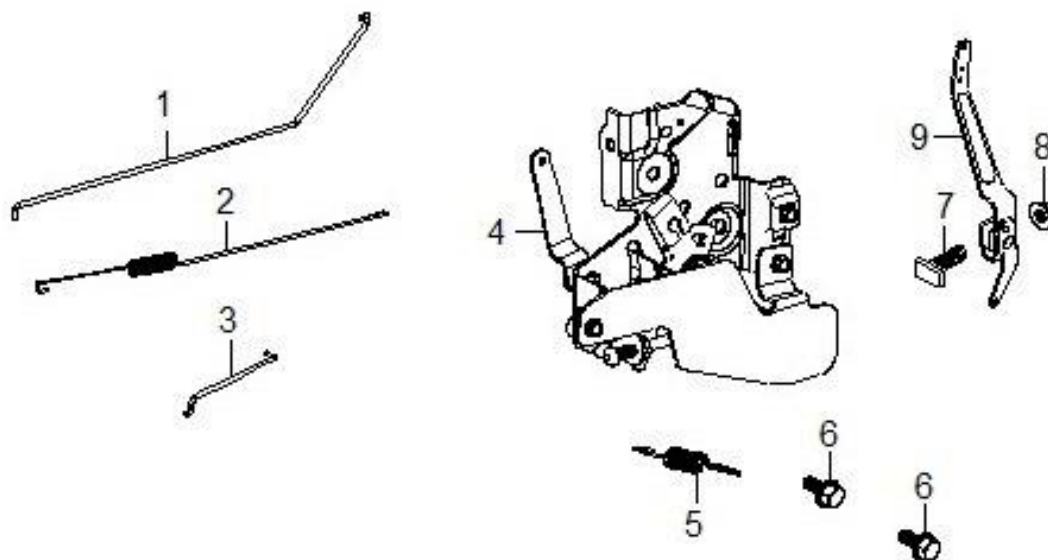
Carburetor



Carburetor

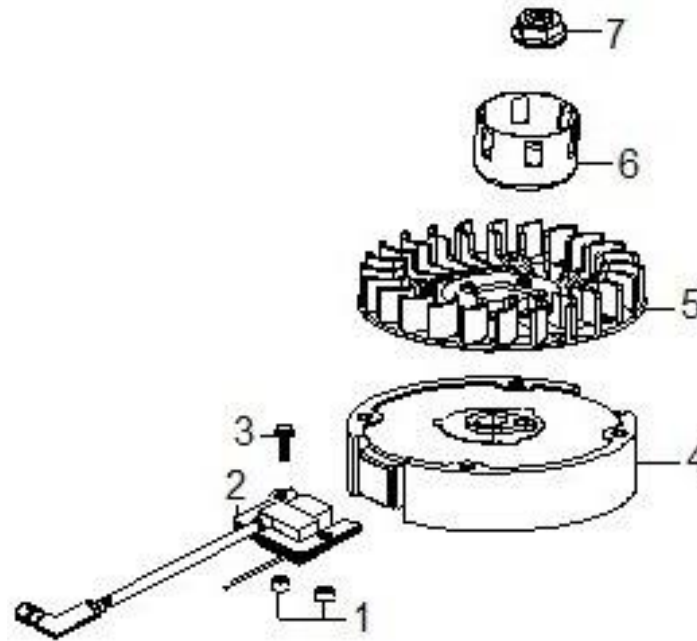
Ref. No	Parts No	Parts Name	Q' ty	Remarks	Ref. No	Parts No	Parts Name	Q' ty	Remarks
1	11.009.006.0451	Carburetor	1		14		Jet set, pilot	1	
2		Choke valve pin	1		15		Nozzle, main	1	
3		Choke valve block	1		16		Needle valve	1	
4		Spring	1		17		Spring, needle valve	1	
5		Spring washer	1		18		Jet, main	1	
6		Spring washer	1		19		Chamber set, float	1	
7		Mixture	1		20		Float set	1	
8		Throttle valve pin	1		21		Pin	1	
9		Idle hole component	1		22		Washer	1	
10		Screw	1		23		Gasket	1	
11		Spring washer	1		24		Bolt, Drain plug	1	
12		Throttle valve block	1		25		Gasket	1	
13		Spring washer	1		26		Bolt	1	

Control System



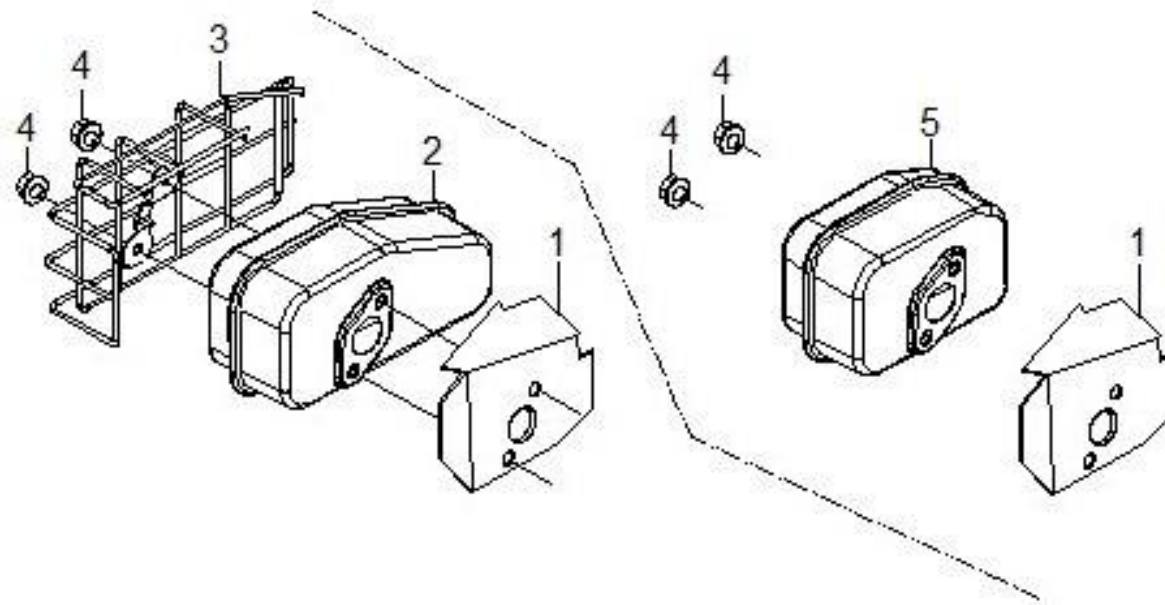
Ref. No	Parts No	Parts Name	Q' ty	Remarks	Ref. No	Parts No	Parts Name	Q' ty	Remarks
1	11.012.018.0501	Tie rod	1		6	GB/T5789 M6x14	Bolt M6x14	2	
2	11.012.020.0501	Fine adjustment spring	1		7	12.002.005.0030	T-shade bolt	1	
3	11.012.018.0502	Tie rod	1		8	GB/T6177 M6	Nut M6	1	
4	11.012.023.0701	Control assy	1		9	11.012.013.0701	Arm, governor	1	
5	11.012.010.0801	Governor spring	1						

Flywheel



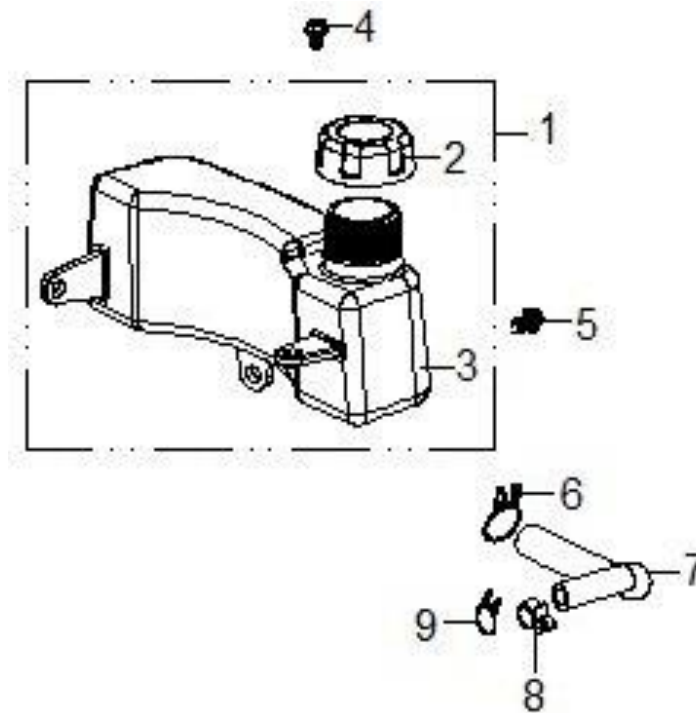
Ref. No	Parts No	Parts Name	Q' ty	Remarks	Ref. No	Parts No	Parts Name	Q' ty	Remarks
1	11.008.005.0001	Bush	2		5	11.010.012.0301	Fan, flywheel	1	
2	11.008.004.0201	Ignition	1		6	11.007.006.0251	Pulley, starter	1	
3	GB/T5789 M6x22	Bolt M6x22	1		7	GB/T6177 M14x1.5	Nut M14x1.5	1	
4	11.008.007.0351	Flywheel	1						

Muffler



Ref. No	Parts No	Parts Name	Q' ty	Remarks	Ref. No	Parts No	Parts Name	Q' ty	Remarks
1	11.002.004.0151	Air exhaust washer	1		4	GB/T6170 M6	Nut M6	2	
2	11.002.011.0451	Muffler comp	1		5	11.002.011.0501	Muffler comp	1	
3	11.002.009.0001	Muffler shield	1						

Fuel Tank



Ref. No	Parts No	Parts Name	Q' ty	Remarks	Ref. No	Parts No	Parts Name	Q' ty	Remarks
1	11.009.034.1602	Fuel tank comp	1		6	11.009.023.0151	Clip, tube	1	
2		Cap, fuel tank	1		7	11.009.005.0201	Tube, fuel	1	
3		Fuel tank	1		8	11.005.027.0151	Clamps	1	
4	GB/T5789 M6x14	Bolt M6x14	1		9	11.009.023.0001	Clip, tube	1	
5	GB/T5789 M6x16	Bolt M6x16	1						