

USER MANUAL

GASOLINE SCOOTER

(4 Stroke engine)

OFF ROAD USE ONLY



Read these instruction carefully before using

I .Safe for use(caution)

1. Don't allow anyone who dose not understand this instruction manual to operate the scooter
2. Use 4-cycle engine oil. (Otherwise, it causes a poor start, insufficient output or damages the engine.)
3. Don't run the engine in a room or poorly ventilated area.(The exhaust gas includes odorless but hazardous carbon monoxide.)
4. Do not put your hand or toot near any moving or rotating part of(engine.)
5. Dot not store, spill or use any gasoline near a fire, stove, oven, boiler or other instruments, which uses a pilot light or spark. (Otherwise, it may cause an explosion.)
6. Smoking is strictly prohibited while refilling the fuel.
7. While the engine is running or while it remains hot soon after stopping, do not remove the lid of the fuel tank or refill the fuel (before or refilling the fuel, stop the engine and cool it down 2 minutes or more .)
8. If any gasoline spilt or smelled or any danger of explosion is felt, do not run the engine.
9. Do not aimlessly adjust the revolution speed setting of the engine
10. Check spark while keeping the spark plug removed.
11. Do not run the engine with the muffler or air cleaner cover removed.
12. Keep anything not to touch any hot muffler or engine part , otherwise it may make a fire.
13. When the engine runs, do not touch any spark plug cap or high-tension cord.(Otherwise, it may cause an electric shock and harm your body).
14. Don't run any engine as a single unit.
15. Always wear helmet safety gears.
16. Always check the brake instruments before riding.
17. Do not ride in raining, snowing day, slippery surface. Or unstable due to gravel, sand etc.
18. Persons under the age of 16 should not operate the gasoline scooter.
19. Pregnant persons should not use this product.
20. Never use alcohol or drugs before or while operating.
21. Do not stop the scooter suddenly .(Run slowly 3-5 minutes after start-up or before stopping.)
22. Do not ride if you weight over 220lbs.
23. Always use new gasoline , the NO. is not under 93# .
24. Before starting the engine, make sure that no person or fuel filled tank is present within a radius of 15m

Model	LC152FMH	Overall size	1400*560*820 mm	
Type	4 stroke、 air cooling, 110CC	Wheelbase	1000 mm	
Bore*Stroke	52.4×49.5mm	F. shaft weight	69kg	152.11LBS
Displacement	107ml	R. shaft weight	67kg	147.70LBS
Compress ratio	9.1:1	N.W	61kg	134.48LBS
Max. Power Rate	5.5/8500 kW/ (r/min)	Loading capacity (kg)	75kg	165.35LBS
Max. Torgue	6.5/5500~6000 N • m/ (r/min)	Turning degree	±23	
Min. fuel consumption	≤367 g/kW • h	Min. turning radius	2.6m	
Starter	Electric start, foot start and recharge start	Tank capacity	2.4L	
Ignition	C. D. I	G.W	78kg	171.96LBS
Spark plug	A7RTC	Loading qty	118 pcs/40H	
Fuel	90#	Brake system	F	Hand hydraulic brake
Max. speed	80 Km/h		R	Foot hydraulic brake
Brake performance	7m/30Km/h	Front tyre	Vacuum 90/65-10	
Max. Yawp	≤88 db (A)	Rear Tyre	Vacuum 145/50-10	
Seat height	580 mm	F. tyre pressure	250Kpa	
Ground clearance	130 mm	R. tyre pressure	250Kpa	

25、FS549 performance can meet company standard which according to the following standard of motorcycle:

GB 14621 Limits and measurement methods for exhaust emissions from motorcycles and mopeds at idle speed

GB 14622 Limits and measurement methods for exhaust emissions from motorcycles under running mode)

QC/T688-2002 General Specifications of Motorcycles and Mopeds

GB/T 5381 Method of starting performance test for motorcycles and mopeds

GB/T 5382. 1 Test method of brake performance for motorcycles and mopeds--Braking diarance

GB/T 5382. 2 Test method of brake performance for motorcycles mopeds--Braking force

III. How to start: electric start

- 1) Check the fuse. Turn out key switch.
- 2) Press the electric start switch The engine will start-up in a short time.

Note:

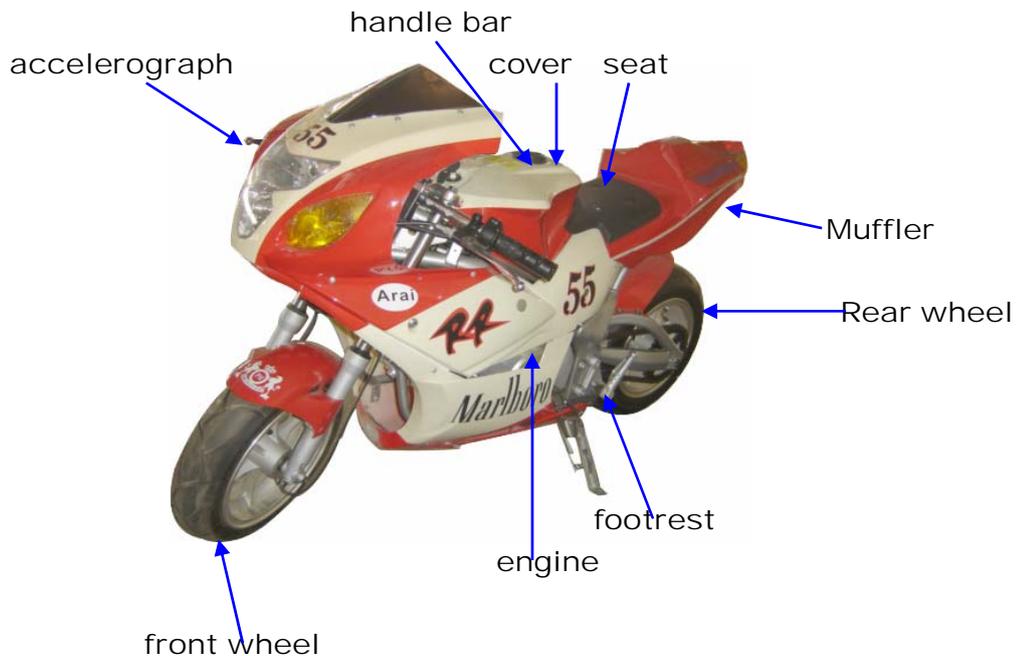
1. If you do not use scooter for a long time, the electric start is difficult to work, running the accelerograph and add some oil
2. After the cool engine start up, keep the engine to a lowest speed and run 3 minutes.

VII. Use manual

-2-

1. After the engine start up , running 3-5 minutes at a low speed.
2. Run as per actual situation when engine is enough heated.
Press throttle handle tightly. scooter will run more quickly.
Release throttle handle, scooter slides like bicycle. Please release throttle handle and grasp shake handle if you want to stop. Don't throttle before you is not no the scooter.
3. How to use brake handle
In order to brake quickly, front and rear brakes used at the same time, which is in common use. Avoid brake urgent.

IV. Composition parts description (see graph)



V. Preparation before start-up

1. Inspect equipment

Check key switch, fuse, start system.

2. Refuel

Use 93# gasoline

3. Check and clean the air filter

The air filter must be often cleaned, or the polluted air filter will lower the output power of the engine. If the air filter is blocked by dust, use gasoline to clean the air filter, dip it in the oil, wring out the oil and put the air filter back.

VI. Start-up

4. Turning

Avoid big angle turning; circulate more path as soon as possible at a low speed when turning. Don't turn abruptly or at a high speed. Otherwise, in addition, please brake before turning. If you brake when turning, it causes losing control due to skidding tires. Release the handle when turning when turning half.

5. Run in even fields

Don't run on surfaces, which are slick or unstable due to loose gravel, sand etc. Improve alertness in these fields. Operate scooter in even field. But don't ride at a high speed. Don't run in uneven, broken or blocked areas. Inspection distance is determined by speed. But please remember that you avoid it in less time when approaching blockage. Watch your running direction. Keep a natural bend between your body and scooter. Pay attention to avoiding uneven pits and broken ground, sand and other blockage on surfaces. You had better run around blockage or take off to walk around it. Improve alertness when running. Control scooter at times as a safe, civilized driver.

6. Grinding-in period of the new scooter.

The distance of the grinding-in period of the new scooter is 1000km, choose stable fields as soon as possible, avoid accelerating urgently and braking urgently. Restrictive speed as follows:

The speed of first period(0-300km)	Less than 40km/h
The speed of second period(300-1000km)	Less than 50km/h

VIII. Caution

1. Maximum load: 220 pound (100KGS)
2. Maximum add weight: 22 pound (10KGS)
3. Always wear a helmet and safety gear.
4. Forbidden to change any equipment personally.
5. Don't ride in raining, snowing day, slippery surface, or unstable due to gravel, sand etc.
6. The dealer, importer or manufacturer of this product can consider no loss, consequential loss or personal injury claims whatsoever as a result of riding this scooter. Operating this scooter is done entirely at your own risk. If you do not or cannot accept personal responsibility for any consequences caused by riding this scooter then the advice given is not to ride this scooter.

IX. Check the work condition of front and rear arrester, adjust them if it is necessary.

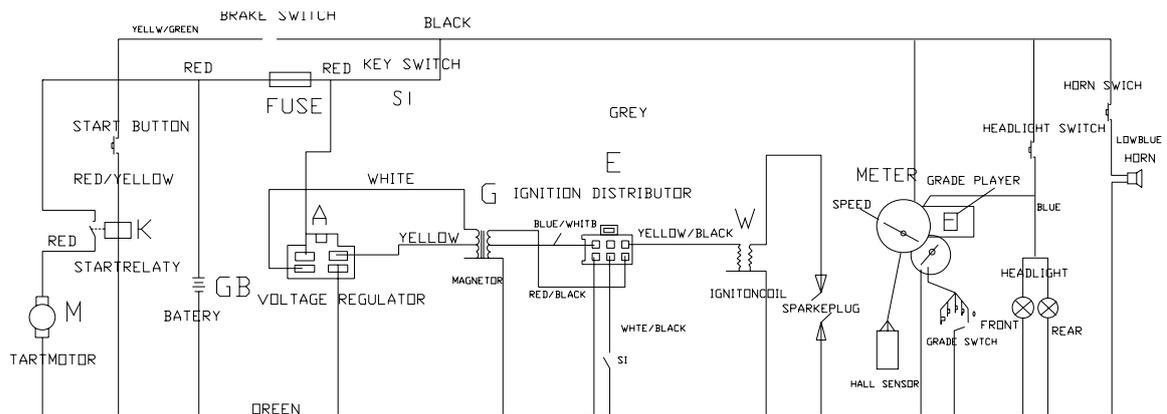
2. Check the air pressure of the front and rear wheel if it is appropriate, and check the wheel whether it is attrited, adjust and change if it is necessary.
3. Engine oil, to check if it is poor.
4. Check fixing pieces whether it is loosen, adjust them if it is necessary.
5. Check item and time list period.

Item \ Period	Use period				
	300KM	600KM	1000KM	2000KM	2500KM
Engine oil	Change	Change	Change	Change	Change
Air filter	Clean per 4000KM, change it if it is necessary.				
Spark plug	Check	Check	Check	Check	Check
Chain	Adjust		Adjust		Adjust
Carburetor	Check		Check		Check
Brake	Check	Check	Check	Check	Check
Fixing piece	Fixing		Fixing		Fixing

6. Trouble shooting

Trouble	Solution
Difficult to start	<ol style="list-style-type: none"> 1. Check the fuel way if it is smooth, if there is air in the fuel tube. 2. Check if there is fuel accumulated or water. 3. Check the spark plug and the connecting wire. 4. Check if the interrupter switch is of short circuit.
The engine do not work in order	<ol style="list-style-type: none"> 1. Check the sparking plug. 2. Check the fuel way if it is smooth. 3. Check the engine oil whether is is up to the standard.
Engine bi idle	<ol style="list-style-type: none"> 1. Check the fuel whether it is poor. 2. The engine is too hot. 3. The cylinder has been damaged.

X. Electro circuit



Assemble instruction

1. Open the box and take the bike out of it.



2. Cut off the strap on the brake handle bar and clutch bar.



3. Adjust the left and right handle bar in the right position.



4. Fastened the L&R handle bar with the bolts by spanner.

