

MANUAL INSTRUCTIONS



Thank you for purchasing and using. Please follow all the instructions mentioned in this manual when you use it.

Instruction manual for gasoline scooter

This scooter is a small gasoline powered scooter, and it adopts a powerful engine of two strokes, single cylinder, with electric start. The engine we used has a centrifugal hooped friction clutch, decelerates by a gear wheel, chain driven, and has low fuel consumption. This scooter has a fashionable and accurate speed meter, motorcycle-like big headlight; with both front and rear turn signals. Also it is mounted with front and rear shock suspension, a comfortable soft cortex seat and a backrest. The whole structure of the scooter is very compact, the style is beautiful and fashionable, which looks like a small prince style motorcycle, and it is very comfortable to ride.

I. Important notice

Please operate the product following the accurate safety instructions, so as to avoid collisions or falling down. Once abnormalities are found while operating this scooter, please turn off the engine and pull this scooter. Who ride this scooter should have good eyesight, good balancing and harmonizing ability, and a good judgment.

1. Please read this instruction manual carefully before riding the scooter. Be sure to understand the characters of this scooter, the operating and maintaining ways so that you can operate it accurately.
2. Youth and children are not permitted to use the product without any adult's supervision.
3. Do not ride on the uneven, tarran slushy or sanded road.
4. Do not ride on public street, highway or free way.
5. Do not operate this scooter without wearing appropriate safety equipments such as helmet, safety shoes, protecting clothes, kneecap and cuff.
6. Do not operate this scooter while there is electronic magnetic induction or after drinking or having taken any medicine which is of hypnogenesis.
7. Be sure to hold on to the handle while riding the scooter.
8. Do not speed excessively. Appropriate speed is up to the landform, visibility, operating status, and the user's experiences.
9. Do not try jumping or do stunt while riding.
10. Every time before operating the scooter, please check it in advance to keep the scooter always in good condition.
11. Do not ride the scooter on the steep hill or slopes.
12. Do not run too fast when turning.

13. Keep the air pressure of all wheels appropriate. (It is free of filling air if using solid tire.)
14. The fuel is a flammable product; please keep it far away from fire, especially while the user are filling the tank.
15. Do not touch the engine or the muffler during operating, as they may turn very thermal.
16. Keep your body and clothes off the driven belt or the chain

II. Assembling and adjusting instructions.

1. Assembling

- 1.1 Open the carton and take out the scooter.
- 1.2 Inserting the bare handbar in the fixed hole (See Figure 1).



Figure 1

- 1.3 Turnover and fasten the handle bar folding assembly to keep the handle of the scooter stable
2. Adjust the rear disc brake (See Figure 2).



Figure 2

- 2.1 Adjust the brake functions of the rear disc brake with an adjust bolt; the wheel won't turn when the brake handle is unclamped, and the brake rubber will reposition once the brake handle is loosened.
 - 2.2 Replace with a new brake as soon as the brake rubbers are worn out seriously.
3. Adjust the front brake (See Figure 3) (The same to point 2.)



Figure 3



Figure 4

4. Dismantle the front wheel and maintenance (See Figure 4)

4.1 Loosen the nuts of the front axis, remove the falling-off protection gasket and then take off the front wheel following the direction of the hatch.

4.2 Notice to put the claw of the falling-off protection gaskets into a small hole with $\phi 6.5$, fasten the nuts in the front axis, install the expansion brake fastener. Once having installed, there must be no locking or loosening, turning of the front wheel.

5 Adjusting the chain (See Figure 5)

5.1 Loosen the nuts of the rear axis.

5.2 Turn around the fishing bolts of both sides to make the rear wheel move backwards, make the elasticity appropriate and agile in turning, then fasten the nuts in the rear axis.

6 Dismantle the rear wheel (See Figure 6)

6.1 Loosen the nuts in the rear wheel, remove the chain, and then the rear wheel can be taken out.



Figure 5



Figure 6

6.2 While installing, firstly harness the chain, then adjust the whole sets of fishing bolts, make the elasticity of the chain appropriate, and fasten the nuts in the rear axis.

III Check before riding and cautions

1. Check the accelerators handle if it is workable and agile, check the reliability and agility of the front and rear wheel. Once you find it fails in braking, adjust it in time.

2. Check the air pressure of the front and rear wheel if it is appropriate, the pressure should be 40P• S• 1. If the pressure is excessive, it shall cause some jounces, if less pressure, it shall affect the speed and waste too much fuel. If you find the pressure not enough, fill in air in time.

3. Adjust the transmission parts regularly, fill in some lubricants to make it agile in turning.

4. Check the bolts and nuts of the whole vehicle if they are loosen, so as to avoid accidents due to the loosening or falling off the bolts of nuts.

5. Keep the scooter clean, do not keep it those place where it is damp, in a over-high temperature or there are some corrupt gas.

IV. Instructions for riding

1. Preparing procedures: Check the interrupt switches, spark plug, and in-out fuel tube, make sure they are well connected. Mix the leadless gasoline and the high quality two-stroke machine oil in a ratio of 25: 1 into the gas tank equally.

2. Press the small oil cup under the carburetor for several times, make sure there is no air in the in-oil tube, and oil can flow smoothly in the out-oil tube (See Figure 7)

3. Close the air gate adjuster. (See Figure 8)



See Figure 7



See Figure 8



see figure 9



See figure 10

4. Turn on the ignition key switch (see figure 9), at the same time, press the start switch, the engine shall be started. (See figure 10), open the air gate adjuster, then the scooter is ready for riding.

5.If there are troubles in starting, try opening the air gate adjuster slightly, turn backwards the accelerator, speed up slightly, pull the start handle, then the engine shall work. Then the air gate adjuster can be opened.

6. Right riding: When starting the scooter or climbing, speed up slightly by turning backwards the accelerator to add both power and speed.

7.Stop the scooter: Turn off the ignition key (See figure 11).



figure 11

V Maintenance

1.Before every starting, check the fuel volume in the gas tank, fill in with fuel once it is less than enough, and check the bolts and nuts, make sure they are not loosen, and make sure there is no leakage.

2.Warm up for 3 to 5 minutes after cold starting up the engine, then the load can be added.

3.The grinding-in is very important to the engine. During the first 20 hours, do not open the air gate adjuster. After this 20 hours, maintain the engine completely and check the air filter once every 20 hours. Clean the spark plug and adjust clearance of spark plugs to 0.6-0.7mm, clean the gas tank once every 50 hours. Besides, clean the carbons in the ignition case and the muffler; check the connection of the interrupter to make sure it is well connected.

4.Do mix fuels at the instructed fuel number and the mixture ratio, so as to maintain the usage life of the engine.

5. Once there is any problems, have the engine checked and repaired by the specifically maintenance man.

Chart 1 term inspection and maintenance

	500Km	1000Km	2000Km	3000Km
Brake	A	I	A	I
All control units	L	I	L	I

Tire	I	I	I	I
All the connecting lines	I	I	T	I
Front fork& frame	I	I	I	I

Note: I-inspection, clean and adjust; T-tighten; A-adjust; L-lubricate

VI. Trouble shooting

1、 Difficult to start

- 1.1 Check the fuel line, whether it is smooth, and whether there is air in the fuel tube, presses the oil cup for several times to pump fuel into the carburetor.
- 1.2. Check the spark plug and the connecting wire.
- 1.3. Check whether the fuel and the mixture ratio are correct, whether the oil filter of the in-oil tube is blocked.
- 1.4. Check whether the air filter is blocked.
- 1.5. Whether the interpreter switch is of short circuit.
- 1.6. If the engine can still not started after having tried many a time, it could cause fuel in the cylinder too much. In this case, users could take off the spark plug, clean up the cylinder or vaporize the fuel, and re-start the engine after re-installing the engine.
- 1.7. Take off the spark plug and check whether the electrode clearance of spark plug is between 0.6—0.7mm and clean away the carbons among the electrodes of the spark plug.
- 1.8. Connect the spark plug wire, pull the manual start handle to check whether the spark plug flames.

2、 No high speed for the engine

- 2.1. Check whether the air gate adjuster is open.
- 2.2. Check whether the fuel line is smooth.
- 2.3. Adjust the empty fuel concentration bolts.

3. The engine can be started but to be off during running.

- 3.1. Check whether the air filter is blocked
- 3.2. Check whether the muffler and the fuel way are blocked.
- 3.3. Adjust the idle speed bolt , it is higher in clockwise direction, while lower in anti-clockwise direction.

4、 The engine be idle.

- 4.1. The vent-hole in the gas cap is blocked by dunghills.

4.2. There are drips or leakages in the fuel line, or the oil filter in the in-oil tube is blocked by dunghills.

I. Storage

The engine should be stored in an environment with a temperature between -20°C 0°C and a relative humidity no more than 80%, and should be good ventilated. sides, it should be kept away from inflammables and chemical corrosion goods.

If the engine is not be used for a long time, start the engine to burn up the rest fuel in the carburetor and draw off the fuel tube.

II Major specifications

ITEM	SPECIFICATIONS	ITEM	SPECIFICATIONS
Engine	Single cylinder, two stroke, air cooling	Fuel consumption	100km/2.2L
Cylinder diameter X strokes	40×34 (mm)	Gas tank volume	1.7 L
Spark plug	BM6A	Max speed	38 km
Carburetor	Double films	N.W	40kg
Idle speed	2200±200rpm	Min clearance from ground	140 (mm)
Output swirl direction	Counter-clockwise	Weight capacity	<90kg
Spark plug clearance	0.6--0.7mm	Package size	1370×450×880 (mm)
Ignition ways	CDI	Length × Weight × Height	1290×580×850 (mm)
Start ways	Electric start	Wheel distance	890 (mm)
Fuel	Leadless gasoline : HQ two stroke machine oil =25 : 1	Wheel size	RR 90/65—8 RE 120/50—9
Displacement	43 Ml	Fluid oil	Two-cycle
Rated power	1.2KW/6500rpm	Torque	2.3Nm/4000rpm
Clutch type	Centrifugal hoof friction	Air pressure of wheel	40P• S• 1

In case that there are some differences or unconformities with this manual due to the improvements, please show your understanding. Thank you very much!

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electric lock

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