

**110CC/150CC/200CC
THREE WHEEL MOTORCYCLE**

USER'S MANUAL



OVERVIEW

Thank you for your choice of our three-wheel motorcycle, hope our motorcycles bring you convenience and tangible benefits in the course of your journey. If you have any good suggestions and opinions, please tell us through the address and telephone number offered in this manual, we highly appreciate and sincerely thank for your valuable opinions!

Please read carefully of this manual, correct use and maintenance can reduce the chance of malfunction and prolong the service life of your motorcycle.

MENU

Important Notes.....	1
Safe Driving.....	2
Safe Driving Rules.....	2
Protection Device.....	3
Retrofit.....	3
Cargo Loading.....	3
Usage Guide.....	4
Locations of the Parts.....	4
Function of the Parts.....	6
Engine Fuel Supply System.....	10
Engine Lubricating Oil.....	13
Tyre.....	14
VIN Number and Engine Number.....	16
Operation Guide.....	17
Inspection Before Driving.....	17
Engine Starting.....	18
Engine Adaptation.....	20
Brake application	21
Parking.....	22
Tools.....	22
Repair and Maintenance.....	24
Maintenance Schedule.....	24
Replacement of Lubricating Oil.....	26
Cleaning of Lubricating Oil Strainer.....	27
Inspection and Replacement of Spark Plug.....	28
Cleaning and Assembly of Air Cleaner.....	29
Inspection and Adjustment of Throttle.....	30
Adjustment of Idle Speed	31
Inspection and Adjustment of Transmission System.....	32
Adjustment of Front Brake.....	34
Adjustment of Rear Brake.....	35
Usage and Maintenance of Battery.....	36
Inspection of Battery.....	37
Inspection of Electrolyte	37
Replacement of Fuse Tube.....	38
Adjustment of Rear Stop Switch.....	39
Main Technical Date.....	40
Electric Schematic Diagram.....	41

110CC/150CC/200CC

THREE WHEEL MOTORCYCLE SERIES

IMPORTANT NOTES

1. Overload is prohibited.

The maximum permissible laden weight for 110cc/150cc Series are 350kgs, 200cc is 500kgs

NOTES:

Operation and driving without following the instruction of this manual may lead to accident or damage of the motorcycle parts.

This manual is an indispensable part of this motorcycle, when you transfer this motorcycle to other people, please also attach this manual.

Safe Driving Rules

1. Before starting the engine, you must inspect the motorcycle first to avoid accident and parts damage.

2. The driver must pass the test required by Traffic Administration Department and acquire driver license. The motorcycle is not allowed to lend to anyone who do not have driver license for driving.

3. In order to avoid the hurt caused by other vehicles, make yourself attractive during the driving. Therefore please pay attention to:

*Dress bright color clothes;

*Don't get too close to other vehicles. Correctly use turning lights, horn and other signaling devices.

*Scrambling for lane and contending for running first are strictly prohibited.

4. Strictly observe the traffic rules.

*Over speeding is the main cause of many accidents, so the driving speed shall restrict to permissible range.

*when swerving or shifting the lane, you should turn on the turning light to attract attention of the car lanes.

5. Driving carefully when passing crossroad, entrance and exit of parking lots and driving on the car lanes.

6. During the driving, your hands should hold the handlebar tightly, your feet should rest on the steps.

Protection Device

1. In order to protect your own safety, please wear helmet, dustproof glasses, glove and other protection devices during the driving.

Retrofit

Notes: Making retrofit casually or replacing the original devices couldn't guarantee the safe driving of the motorcycle. They are illegal. The customer must observe the regulations of Traffic Administration Department.

Cargo Loading**Notes**

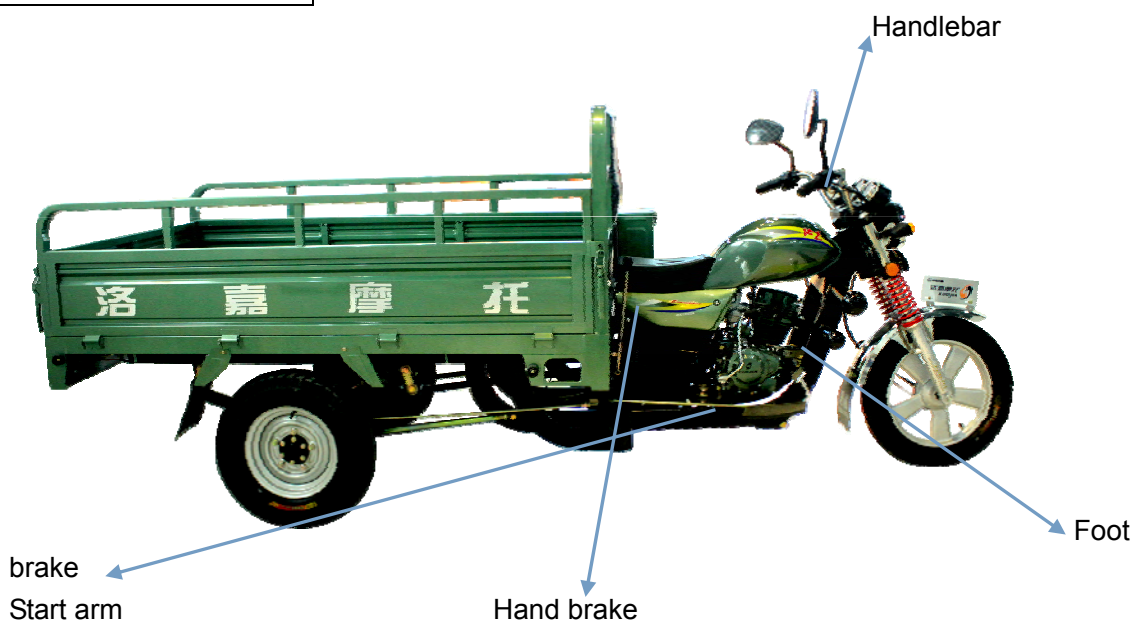
The motorcycle has special requirement towards the laden weight distribution, improper loading will affect the motorcycle.

1. The gravity center of cargo shall close to its bottom and close to the center of the motorcycle, the laden weight of the motorcycle's left and right sides shall be equal and balanced. If the place of cargo's gravity center is far away from the place of motorcycle's gravity center, it will affect the operation of motorcycle more or less.

2. All the cargoes must be fastened tightly on the motorcycle to guarantee the stable operation.

3. Overload is strictly prohibited (350kgs)

Directions for use

Location of the parts



Instrument

Ignition switch

Front brake handle

Throttle controller



Front brake

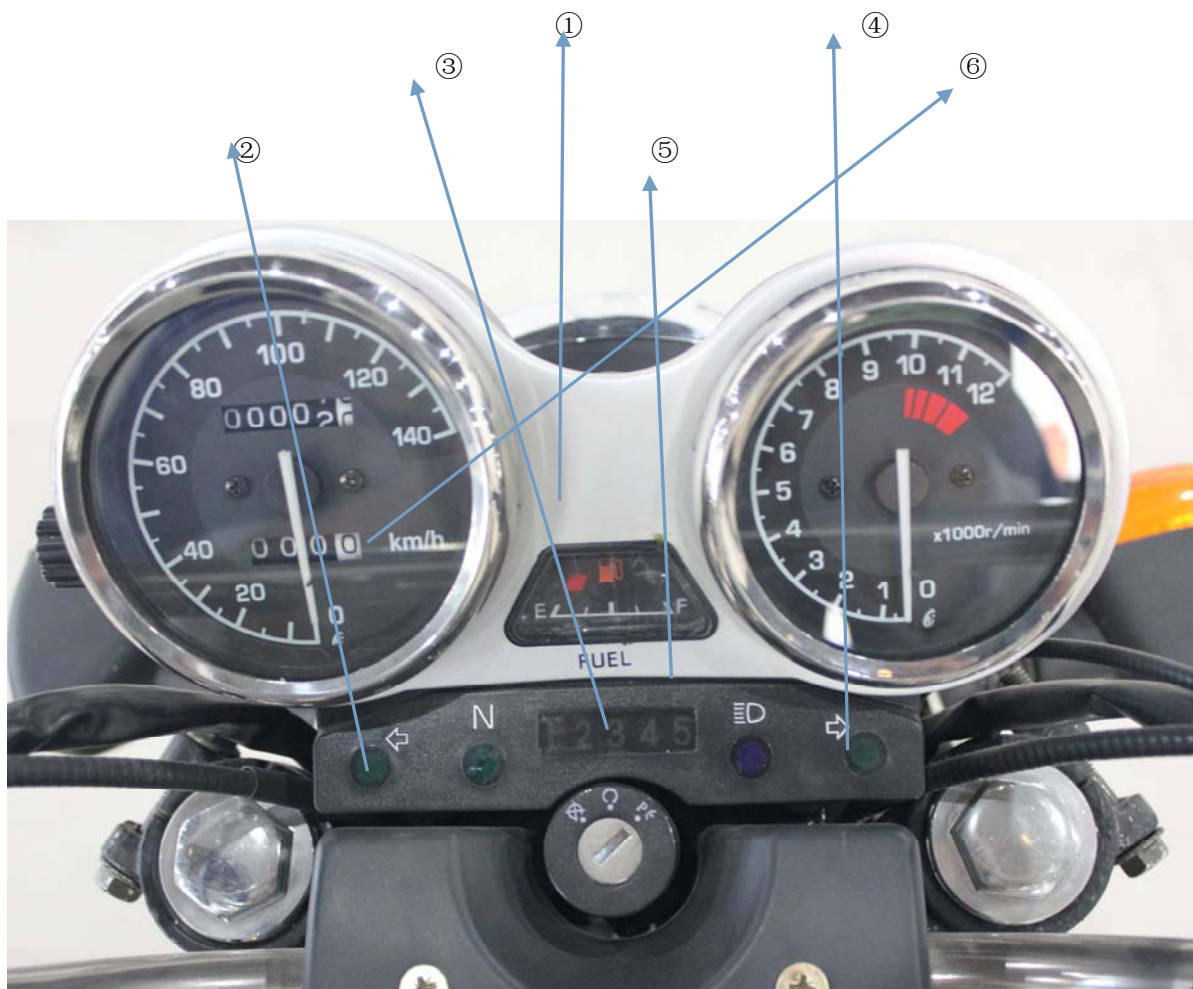
turning light

shift lever

carriage

Function of the parts

- (1)Speedometer: indicate the driving speed.
- (2)Left turning indicator: Indicate the turning direction.
- (3)Gear Indicator: indicate the gear position of the engine.
- (4)Right turning indicator: Indicate the turning direction.
- (5)Fuel reserves table: indicate the fuel level in the tank.
- (6)Odometer: record the accumulated driving distance.



Ignition switch(including steering lock):

Ignition switch Located in the lower right of the instrument, there are three key positions on the ignition switch.

- 1.OFF, the key in the "OFF" position, the engine can't be started, the key can be pull out.
- 2.ON, the key in the "ON" position , the engine can be started, the key can't be pull out.
- 3.Turn the key to the position of "LOCK", the handlebar will be locked. The engine and electrical system can't work. The key can be pull out.

Ignition switch**Engine Fuel Supply System**

Fuel cock: it is located under the left side of the Fuel Tank.

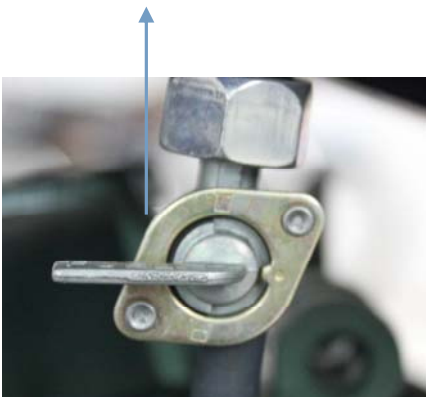
At the position of "I", the fuel pipe is closed,

At the position of "II", the fuel pipe is at the standby fuel supply condition. The standby fuel can be used only when the main fuel supply system has no fuel left.

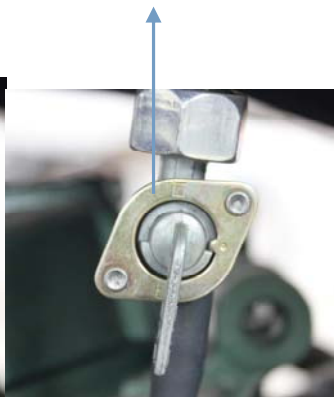
At the position of "III", the fuel pipe is at the normal supply condition.

When you find the fuel is used out, turn the cock into the position of "II" for fuel supply, you must refill the fuel ASAP because the standby fuel reserve is very little.

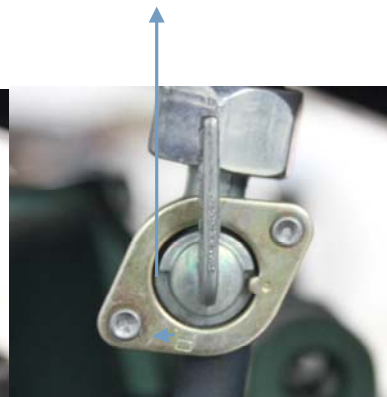
Close I



Open II



Store III

**Notes**

After refilling the fuel, you shouldn't keep the cock level stay at the position of "II", otherwise, the fuel will be used up, no standby fuel will be left for you.

Correctly use the fuel cock during the driving can help you avoid the situation that you can not drive the motorcycle due to the cut off of fuel supply.

Fuel Tank:

The fuel capacity of the fuel tank is 4.5L, when you need to open the fuel tank cap, insert the key and turn the key clockwise, and counterclockwise unscrew the cap.

The fuel shall be unleaded gasoline with octane number above 91 or low leaded gasoline.



Fuel tank cap

Notes

<p>As the gasoline is inflammable, you should leave the engine at a ventilated place before refilling. At the place of refilling gasoline or storing gasoline, smoking is prohibited. No flame or spark can be allowed to get close to the gasoline.</p>
--

<p>The gasoline can't be refilled too full inside the fuel tank(the gasoline level shall not exceed the refilling inlet).you must tighten the fuel tank cap.</p>
--

Engine Lubricating Oil

Inspection of Lubricating Oil level

The refilling hole of Lubricating Oil at the right crankcase cover, it connects a gauge to measure the oil level. The oil level shall be kept between the upper scale mark and the lower scale mark.

1.Rest the motorcycle upright on the level ground, screw out the oil level gauge, wipe out the oil on the gauge, then insert the gauge into the crankcase again to check the oil reserve.

2.Refill the lubricating oil to make the oil level between the upper scale mark and lower scale mark according to actual need. Overfill is unnecessary.

3.Screw in the oil gauge.

Notes

Never start the engine when the lubricating oil is insufficient, otherwise the engine may be damaged.

Selection of Lubricating Oil

The lubricating oil selected by us for this motorcycle follows the Chinese Nation Standard GB11121-2006 or **SF10W/30** or **SF15W/40**. Ordinary engine oil, vegetable oil or castor oil are not allowed for motorcycle use.

The lubricating oil with suitable viscosity level shall be selected according to the actual condition of different regions and temperatures.

The picture in right gives you an introduction about lubricating oil with different brands for their scope of application at different temperatures.

Tyre

Inspection and replacement of the tyre

Proper tyre pressure will provide the motorcycle with more traction force and longer service life. It will make the motorcycle more stable and more comfortable for driving.

Please check the pressure regularly and adjusted it when necessary.

Cooling pressure KPa	Front wheel 300/400
	Rear wheel 400
Tyre Specification	Front wheel 110/90-16-8PR
	Rear wheel 5.00-12 8PR

Minimum depth of the tyre tread
Front wheel: 2mm
Rear wheel: 2mm

Notes

Improper tyre pressure will cause irregular abrasion of tyre surface. Insufficient inflated tyre will come off from the rim.

Using overworn tyre will cause danger and affect the traction force and stability.

It is time to replace the tyre when the thickness of pattern on the tyre surface is worn to 2mm.

VIN number and Engine Number should be fit with the Certificate of Approval in order to get license.

Motorcycle vehicle identification number is printed in the back of frame riser.

Production label riveted on the right side of the front section of the carriage.

Engine number is engraved under the left crankcase.

Operation Guide

Inspection before Driving

Notes

If you don't make inspection before driving, it may cause great damage of the motorcycle or accidents.

Everyday before you start the engine, you must inspect the motorcycle, the inspection items below only take you few minutes. It can not only save your time solving the malfunction during your journey, but also guarantee the safe driving,

1. Inspect the oil level of engine lubricating oil—decide whether to replenish the oil or not according to the actual need and check whether there exist oil leakage.

2. Inspect the gasoline reserve—decide whether to replenish the gasoline or not according to the actual need and check whether there exist gasoline leakage.

3. Inspect front and rear bracke-make adjustment according to actual need.

4. Inspect the tyre—check the conditions of front and rear tyre and their tyre pressures, make adjustment or inflate the tyre according to actual need.

5. Inspect transmission shaft—check whether there exist cracks, whether the spline is damaged, Make repair and replacement according to actual need.

6. Inspect the throttle—check the flexibility of throttle grip, the grip can be twisted freely without clamping stagnation.

7. Inspect the lighting and signal devices—check whether the headlight, tail light, stop light, indicators and horn are in good condition.

Engine Starting

Notes

Do not start the engine in the unventilated area. Otherwise, it will be difficult to diffuse the exhaust gas.

Do not start the engine with gears engaged. Otherwise, it will damage the engine parts or incur accidents.

Preparation before starting

Make sure that transmission is in neutral sate, then put fuel cock to “open” position, inset the key into the ignition switch and turn it to the “open” position.

Steps for Engine Starting in “Cold” State

1. Pull the choke lever to “full closed ” positon.
2. Twist the throttle grip slowly.
3. Step on the kick starter arm heavily. When the engine is started, move you foot off the kick starter arm quickly.
4. Slowly open and close the throttle to warm up the engine.
- 5, After the engine is started, push the choke lever to “fully open” positon till the engine runs idle normally. Start engine in “hot” state shall not choke and warm up the engine.

Steps for Engine Starting in “Hot” State

1. It is no necessary to move the choke lever.
2. Slowly twist the throttle grip.
3. The rest steps are same as the steps (from No.3 to No.5) listed in the steps for engine starting in “cold state”.



Engine Break-in Period

During the engine' s break-in period, the laden weight of the motorcycle could not exceed 70% of its maximum laden weight . For the first 350 km period , the engine shall not be allowed to burden heavy load ,driving the motorcycle shall not exceed 80% of its maximum speed under each gear, try to avoid fully open the throttle and driving the motorcycle with the first gear for a long time .When you finish the first 300 km ,you should make an adjustment for the engine (replace the lubricating oil) for the purpose of compensating the initial slight wear. Thus ,it can guarantee the best condition and good performance of the engine .

Recommended gears for different speeds:

- 1st gear 0~15 km/h
- 2nd gear 10~20 km/h

3rd gear 15~30 km/h

4th gear 20~45 km/h

Notes

Gear shifting is prohibited when the clutch is engaged and throttle is open. Otherwise, it will damage the engine and transmission shaft.

Shift to low gear when driving the motorcycle at high speed is prohibited. Otherwise it will severely damage the engine.

Brake

1. When it is necessary to decelerate the motorcycle, the rear brake and front brake are usually be used gradually.

2. In the event of emergency brake, both the front brake and rear brake shall be used simultaneously and definitely

Notes

To use the front brake or rear brake independently will affect the brake performance; Emergency brake will stop the front wheel or rear wheel suddenly, make it difficult to control the motorcycle, so try to avoid emergency brake.

Before making the turn, you should decelerate motorcycle first. Otherwise, the motorcycle may lose control.

When driving motorcycle on the damp or slack road, you should control the speed, acceleration, brake and making abrupt turn may make you lose control of the motorcycle.

When driving down a precipitous slope, you should shift to the low speed gear to brake the motorcycle by the engine. By doing so, it can avoid the long time and continuous usage of the brake. Otherwise, the brake will produce heat and brake performance will be affected.

Parking

After stop the motorcycle, shift the gear to neutral position, close fuel cock, turn the ignition switch to the “close” position, lock the steering lock and withdraw the key.

Notes

In order to prevent the motorcycle moving, motorcycle should be rested on stable and flat surface, and hand brake should be used.

Basic Hand Tool

Basic hand tool located near the battery, for adjustment on the way, used for simple maintenance and replacement of the parts.

Basic hand tool:

Single-ended wrench;

Socket wrench:17*23mm

Cross screwdriver;

Straight screwdriver;

Wrench:8*10

Wrench:12*14

Maintenance Schedule

The motorcycle shall be repaired and maintained in accordance with the stipulation of maintenance schedule. The meanings of symbols in the schedule are as follows:

I :making inspection, cleaning, adjustment, lubrication or replacement;

C: cleaning R: replacement; T: tightening

Item Maintenance period	Maintenance of mileage and time	Odometer(remark2)			
		1000km	4000km	8000km	12000km
Fuel system access			I	I	I
Fuel Filter		I	I	I	I
Accelerator operating system		I	I	I	I
Carburetor choke					
Air cleaner	Remark1		C	C	C
Spark plug			I	I	R
Valve clearance		I	I	I	I
Engine lubricating oil	every year	R			
Lubricating of filter	every year		C	C	C
Carburetor idle speed system		I	I	I	I
Transmission chain			Operate I,L Per 500km		
Storage battery	One month	I	I	I	I
Brake shoe pad			I	I	I
Stop lamp switch		I	I		I
Brake lighting conditions		I	I	I	I

clutch					
Rear suspension					
Nut,bolt fastener					
tyre					
Steering head bearing					
Brake rigging					

Remark:

If you usually driving motorcycle at dusty area, the filter element of air cleaner should be cleaned or replaced more often.

When the record number of the odometer exceeds the setting high limit ,the motorcycle's maintenance period shall be conducted in accordance with the stipulated distance interval of this maintenance schedule.

Replacement of lubricating oil

The quality of lubricating oil is the main factor affecting the service life of engine.The lubricant must be replaced according to stipulated maintenance period.

The replacement shall be conducted as the following sequence when the engine is warm:

rest the motorcycle steadily in a flat road,unscrew the drain nut,drain the waste lubricating oil into the container and disposed it properly.Let the oil drain out completely,clean and dry the oil screen and spring,then please clean away the deposits and check whether the oil screen is damaged.

Tighten the cock with oil gauge,start the engine to run idle for several minutes.stop the engine and wait for one minute,check the oil level through the peep window,and check whether there exists oil leakage.

Filter cleaning

Drain out all of the lubricating oil from the engine.

Remove the launch arm,exhaust gas silencer,shift lever.

Remove the Oil screen,and clean it with the detergent.

Install shift lever, gas silencer,launch arm according to the reverse order.

Infuse the new lubricating oil in the crankcase.

The use of spark plug

Inspection and replacement of spark plug

clean the dirt around the spark plug

Take the spark plug cap off,dismount the spark plug with the special box wrench

Inspect whether the spark plug pole is damaged,whether the side is burned and corroded.If the spark plug is found damaged or its insulator has crack or fall off,you should replace the spark plug.

Inspect the side pole clearance of spark plug with clearance gauge and adjust the clearance between 0.6-0.7mm.

After putting a washer on the spark plug, turn the spark plug into the right place by hand first, then tighten it with box wrench.

Cleaning and assembly of air cleaner

The air cleaner must be maintained regularly.

At dust area, it should be cleaned more often.

Dismount the air cleaner.

Unscrew the bolt of air cleaner cover, remove the air cleaner cover and take out the filter element.

Pat the filter element slightly to remove the dust and blow away the remainder dust by compressed air. If the filter element is too dirty or damaged, you should replace a new one.

The assembly sequence of air cleaner is the reverse order of its dismounting.

Check and Adjustment of the throttle operation

Check the throttle controller, make the throttle in the high and low limit position, make sure there are no fracture and deformation on the controller and the connecting parts.

Check and adjust the throttle controller effective rotation.

Adjusted standard: 60-70°

Adjustment: pulling down the rubber casing to expose the adjusting nut and lock nut.

Loosen the lock nut and spin out a certain distance appropriately, then making the throttle controller rotating flexible by turning the adjusting nut, at last twist the lock nut and belay the rubber sleeve.

Adjustment of idle speed

Notes

Don't hide the other malfunction of the carburetor by adjusting the idle speed. You must ask technicians to adjust the carburetor regularly.

To make accurate adjustment of idle speed, you must warm the engine from its "cold" state or park the motorcycle 10 minutes after driving.

Adjustment of idle speed:

To make accurate adjustment of idle speed, you must warm the engine from its "cold" state or park the motorcycle 10 minutes after driving.

The gear shall be shifted to neutral position.

Adjust the idle speed by turning the idle speed screw. Adjust the idle speed to 1400-1600r/min (when in neutral gear position)

Adjust the gas mixing ratio:

Turn the adjusting screw clockwise to its extreme, then counterclockwise rotate the screw one and a half circle.

After adjusting the gas mixing ratio, if the idle speed changed, you should adjust the idle speed again.

Inspection and adjustment of transmission system

The service life of the transmission system depends on the good lubrication and appropriate degree of tension, bad maintenance can lead to premature wear chain.

Method of inspection about the transmission system:

Shut down the engine and make it in the neutral state.

Hole up the carriage, using the finger fluctuates up and down the chain, check the sag, the sag should be 15-20mm, push the vehicle moved up and check whether the chain slack or knot phenomenon, and lubricate the chain.

Adjustment of the transmission chain:

Loosen the lock nut on the traction bar.

Rotate the lock nut on the traction bar, adjust the chain degree of tension and make sure the same moving distance of the left and right traction bar.

Tighten the lock nut on the left and right traction bar.

After the adjustment, inspection the degree of tension of the chain again.

Adjustment of front brake

Measure the free distance of front brake lever (before it starts to function the front brake). it should be 10-20mm.

When you need to adjust the free distance, turn the adjusting nut on the front brake arm.

When you finish the adjustment of the free distance, you must make the arc-shaped groove at the end of adjusting nut match the pin of front brake arm.

Grip the front brake lever tightly for several times and release the lever to check whether the wheel can roll smoothly.

If the above-mentioned method does n't work, please ask technician for help.

Adjustment of rear brake

Measure the free distance of rear brake pedal(before it starts to function the rear brake).It shall be 20-30mm

2.When you need to adjust the free distance,turn the adjusting nut on the rear brake arm.when you finish the adjustment of free distance,you must make the arc-shaped groove at the end of adjusting nut match the pin of rear brake arm.

3.The adjustment of two rear brake rods shall make the motion of brake shoes on each rear wheel remain synchronized to prevent side slide and overturn.

4.Make the brake test of rear wheel to check the brake performance,release the pedal to check whether the two rear wheels can roll smoothly.

5.When the brake shoes are found wear severely and can affect the brake performance, you shall replace the brake shoes in time.

Usage and maintenance of battery

The battery used for this motorcycle is dry charged battery with the specification of 12V9AH

Injecting electrolyte:

Remove the battery from the motorcycle, then carefully inject the special electrolyte into the battery. The inject volume shall be kept between the upper and lower mark.

2.Charging method: the battery will be charged more than 65% after injecting the electrolyte and 20 minutes. It could be used without charging when conditions allowed, the effect will be better after charging before use.

Inspection of the battery

When you use the motorcycle, if the battery electrolyte is not enough, it can make the negative pole vulcanized or damaged.

If the electrolyte consumption too fast, you should add the distilled water or ask technician for help.

Inspection of the electrolyte

You should check the electrolyte regularly, inspection interval shall not exceed 30 days.The electrolyte fluid level should be kept between the upper and lower scale.If the situation is on the contrary,carefully poured the distilled water to the upper line.

Replacement of tube

The fuse tube is located near the battery. The specification of the fuse tube is 10A.

If the fuse is blown frequently, it is generally caused by short circuit or over load of the circuit system, you should ask technician for inspection and repair.

Notes

<p>If the nominal current of fuse tube does n't conform to the requirement, please don't use it. Otherwise, it will bring severe damage to the circuit system or cause fire.</p>
--

<p>When inspecting or replacing fuse tube, you should turn the ignition switch to the "close" position to avoid short circuit.</p>
--

Adjustment of rear stop switch

Please take following steps to make adjustment of the rear stop switch:

Turn the ignition switch to "on" position.

Turn the adjusting nut, make it that the braking light will on when the rear brake pedal just finish its free play after you step down in . If you want to advance the time of lighting, turn the adjusting nut and make the rear stop switch move backward; if you want to postpone the time of lighting, turn the adjusting nut and make the rear stop switch move forward.

110CC MAIN TECHNICAL DATA

Item	Technical Data	Item	Technical Data	Item	Technical Data	Item	Technical Data
Length	3330mm	Bore × stroke	52.4 mm × 49.5mm	Reduction gear ratio		Fog light	12V10W
Width	1380mm	Compression ratio	9.2:1	1st gear	2.833	Sidelight	12V5W
Height	1390mm	Max.power	5.4KW10%(8000r/min)	2nd gear	1.706	Turning light	12V10W
Wheelbase	2330mm	Max. torque	7.2N.m0%(5500r/min)	3rd gear	1.238	Neutral lamp	12V3W
Tread	1140mm	Idle speed	1500r/min 100r/min	4th gear	1.043	Turning indicator	12V1.7W
Net/laden weight	240/200kg	Displacement	107ml	Primary ratio	3.722	Instrument illuminating light	12V3W
Front tire	3.00-10	Spark plug	A7RTC	Final ratio	2.786	Beam indicator	12V3W
Rear tire	4.00-12(8PR)	Spark plug clearance	0.6-0.7mm	Battery	12V9AH	License plate lamp	12V5W
Top speed	45km/h	Benchmark valve clearance	0.05mm	Ignition mode	CDI		
Brake distance	≤7m (30km/h)	Valve clearance	±0.02mm	Fuse	10A		
Grade climbing capacity	10°	Lubricant	0.8L	Front position light	12V35W/ 35W		
Fuel consumption	≤2.8L/100km	Fuel Capacity	4.5L	Braking light	12V21W/ 5W		

110CC MAIN TECHNICAL DATA

Item	Technical Data		Item	Technical Data		Item	Technical Data
Length	3050mm		Bore × stroke	52.4 mm × 49.5mm		Reduction gear ratio	
Width	1060mm		Compression ratio	9.2:1		1st gear	3.272
Height	1310mm		Max. power	5.2KW (8500r/min)		2nd gear	1.937
Wheelbase	2015mm		Max. torque	7.0N.m (5500r/min)		3rd gear	1.35
Tread	990mm		Idle speed	1500r/min		4th gear	1.043
Net/laden weight	246/250kg		Cylinder	107ml		Primary ratio	3.722
Front tire	3.25-16		Spark plug	A7RTC		Final ratio	2.846
Rear tire	4.00-12		Spark plug clearance	0.6-0.7mm		Head light	12V35W
Top speed	50km/h		Valve clearance(IN)	0.05mm		Tail light	12V5W/21W
Brake distance	≤7m(30km/h)		Valve clearance(OUT)	0.05mm		Pozition light	12V5W
Grade climbing capacity	10°		Lubrication	0.8L		Turning indicator	12V1.7W
Fuel consumption	≤3.8L/100km		Fuel Capacity	12L		Instrument illuminating light	12V3W
Fog light	12V10W		Battery	12V 9AH		Beam indicator	12V3W
Sidelight	12V5W		Ignition	CDI		License plate lamp	12V5W
Turning light	12V10W		FUSE	10A			
Neutral lamp	12V3W		Turning indicator	12V1.7W			

150CC MAIN TECHNICAL DATA

Item	Technical Data		Item	Technical Data		Item	Technical Data
Length	3330mm		Bore × stroke	62 mm × 49.5mm		Reduction gear ratio	
Width	1300mm		Compression ratio	9.2:1		1st gear	2.769
Height	1450mm		Max. power	8.2KW (8500r/min)		2nd gear	1.882
Wheelbase	2380mm		Max. torque	10.0N.m (5500r/min)		3rd gear	1.4
Tread	1150mm		Idle speed	1500r/min		4th gear	1.13
Net/laden weight	365/350kg		Cylinder	149ml		5th gear	0.96
Front tire	110/90-16		Spark plug	A7RTC		Primary ratio	3.722
Rear tire	5.00-12		Spark plug clearance	0.6-0.7mm		Final ratio	2.786
Top speed	50km/h		Valve clearance(IN)	0.05mm		Head light	12V35W
Brake distance	≤7m(30km/h)		Valve clearance(OUT)	0.05mm		Tail light	12V5W/21W
Grade climbing capacity	10°		Lubrication	1.0L		Position light	12V5W
Fuel consumption	≤3.8L/100km		Fuel Capacity	9L		Turning indicator	12V1.7W
Fog light	12V10W		Battery	12V 9AH		Instrument illuminating light	12V3W
Sidelight	12V5W		Ignition	CDI		Beam indicator	12V3W
Turning light	12V10W		FUSE	10A		License plate lamp	12V5W
Neutral lamp	12V3W		Turning indicator	12V1.7W			

200CC MAIN TECHNICAL DATA

Item	Technical Data		Item	Technical Data		Item	Technical Data
Length	3480mm		Bore × stroke	63.5 mm × 62.2mm		Reduction gear ratio	
Width	1300mm		Compression ratio	9.2:1		1st gear	2.909
Height	1450mm		Max. power	11.5KW (8500r/min)		2nd gear	1.882
Wheelbase	2380mm		Max. torque	15.0N.m (5500r/min)		3rd gear	1.45
Tread	1150mm		Idle speed	1500r/min		4th gear	1.13
Net/laden weight	395/500kg		Cylinder	197ml		5th gear	0.96
Front tire	5.00-12		Spark plug	D8RTC		Primary ratio	4.055
Rear tire	5.00-12		Spark plug clearance	0.6-0.7mm		Final ratio	2.846
Top speed	60km/h		Valve clearance(IN)	0.05mm		Head light	12V35W
Brake distance	≤8m(30km/h)		Valve clearance(OUT)	0.05mm		Tail light	12V5W/21W
Grade climbing capacity	10°		Lubrication	1.0L		Position light	12V5W
Fuel consumption	≤4.0L/100km		Fuel Capacity	14L		Turning indicator	12V1.7W
Fog light	12V10W		Battery	12V 9AH		Instrument illuminating light	12V3W
Sidelight	12V5W		Ignition	CDI		Beam indicator	12V3W
Turning light	12V10W		FUSE	10A		License plate lamp	12V5W
Neutral lamp	12V3W		Turning indicator	12V1.7W			



Local Service Cener