

USER MANUAL

LTR 125

EN

LTR 125 USER MANUAL

Details described or illustrated in this booklet may differ from the vehicle's actual specification as purchased, the accessories fitted or the national-market specification. No claims will be asserted as a result of such discrepancies.

Dimensions, weights, fuel consumption and performance data are quoted to the customary tolerances. The right to modify designs, equipment and accessories is reserved. Errors and omissions excepted.

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Preface

Thank you for choosing QJMOTOR brand motorcycle. We use advanced technology at home and abroad to produce this type of motorcycle, Will provide you with extremely happy and safe riding.

Driving a motorcycle is one of the most exciting sports. Before riding a motorcycle, you should be fully familiar with the regulations and requirements put forward in the operation and maintenance instructions and follow them.

This manual outlines the routine repair and maintenance of the motorcycle. Operating according to these regulations and instructions in this manual will ensure the best performance and durability of your motorcycle.

The company always pursues the quality purpose of "making consumers more satisfied" and continuously improves product quality and performance, which may lead to changes in vehicle appearance, color and structure, resulting in inconsistency with the instructions. Please understand. The pictures and materials in this manual are for reference only, and

the specific style shall be subject to the real object.

Notes

1. Rider and passenger

The motorcycle is designed to be used by only one rider and one passenger.

2. Road conditions for riding

This motorcycle is suitable for riding on highway.

3. Please read this operation and maintenance manual carefully. Careful and patient running in of the new vehicle can make the motorcycle run stably and give full play to its excellent performance.

Please pay special attention to matters preceded by the following words:



Warning

It means that casualties may be caused if the methods in this manual are not followed.

Caution

It means that if the methods in this manual are not followed, personnel may be injured or parts may be damaged.

Note

Provide useful information.

This operation and maintenance manual shall be regarded as a permanent document of the motorcycle. Even if the vehicle is transferred to others, this operation and maintenance manual shall be handed over to the new vehicle owner.

It is strictly prohibited to copy or reprint any part of this manual.

Special engine oil is used for lubricating parts of the vehicle.

Special reminding

Attention Points

- When installing or replacing the battery for the first time, pay attention to distinguish between positive and negative. If there is reverse connection, pay attention to check whether the fuse is intact. However, whether the fuse is intact or not, it needs to be sent to the maintenance center for inspection to prevent the damage of some electrical components due to the reverse connection of the battery. If the damaged components continue to work, they will lead to some unpredictable faults;
- Before replacing the fuse, turn off the switch to prevent accidental short circuit;
- Do not damage the fuse bayonet when replacing the fuse, otherwise it will cause poor contact, component damage and even fire accident.

No refitting: please do not refit the vehicle or change the location of original accessories at will. Arbitrary refitting will seriously affect the stability and safety of the vehicle and may cause the vehicle to not work normally. Meanwhile, according to the road

traffic safety law, no unit or individual shall assemble motor vehicles or change the registered structure, structure or characteristics of motor vehicles without authorization.

QJMOTOR Motorcycle will not bear all quality problems and consequences (including loss of warranty) caused by users' unauthorized modification or replacement of unauthorized parts. The user is requested to comply with the regulations of the traffic management department on the use of vehicles.

After you buy a motorcycle, please equip it with a motorcycle helmet that meets the national standard.

 Warning

The motorcycle must be equipped with a fuse that meets the requirements before it can run safely. It is not allowed to adopt other specifications other than the requirements, and it is not allowed to connect directly or replace it with other conductive objects; Otherwise, it will cause damage to other parts and fire accident in serious cases.

Safety Precautions for Motorcycle

Safe riding rules

1. The vehicle must be inspected before driving in order to avoid accidents and damage to the parts.
2. The driver must pass the examination of the traffic management department and obtain a driving license consistent with the permitted vehicle before driving. Vehicles are not allowed to be lent to people who do not have a driver's license or who are not qualified to drive.
3. In order to avoid the harm of other motor vehicles, the driver should be as conspicuous as possible. To this end, please:
 - Wearing a bright and conspicuous tight dress
 - It is not appropriate to be too close to other motor vehicles.
4. Strictly abide by the traffic rules and are not allowed to rush for traffic.
5. Most of the accidents occur because of speeding, so the speed must not exceed the maximum speed limit of the road section.

6. Turn on the steering light early when turning or diverting to attract the attention of others.
7. At intersections, car park entrances and exits and fast lanes, special attention should be paid to driving carefully.
8. Be sure to drive with both hands. Driving with one hand is extremely dangerous. The occupant should hold the safety handrail tightly and step on the pedal with both feet.
9. Random motorcycle modification or disassembly of the original parts, which will not ensure the safety of driving, at the same time is illegal, and will affect the warranty basis.
10. The configuration accessories must not affect the driving safety and operating performance of motorcycles, especially the overload of electrical systems is easy to cause danger.
11. Don't run the engine in a closed space. Burning exhaust gas can cause harm to people's health.

Wear a safety helmet

The helmet, which meets the safety and quality standards, is the first item of bicycle body protection

equipment. The worst car accident was a head injury. Please be sure to wear a safety helmet, and it is best to wear protective glasses.

Protective apparel

Cycling must be comfortable and colorful. Please fasten your cuffs before cycling so as not to catch the brake grip and cause an accident. In order to drive safely, please wear flat heels.

Precautions for driving on cloudy and rainy days

Special attention should be paid to the slippery roads on rainy days, because the braking distance is longer on rainy days. Avoid paint, manhole cover and oily pavement when driving to avoid skidding. Be particularly careful when passing through railway crossings, railings and bridges. If the road condition can not be clearly judged, the driving should be slowed down.

Loading

When the car is loaded, there will be an abnormal sense of direction, overload may cause accidents or damage to the car, please note:

- The maximum load of the container under the

cushion is 10 kg, the maximum load of the front box is 1.5 kg, and the maximum load of the rear luggage rack is 3kg.

Motorcycle serial number

Frame VIN numbers and engine numbers are used to register motorcycles. When ordering accessories or requiring special services, this number enables the distributor to provide you with better service.

Please record the number for reference.

- ① Frame VIN number: engraved at the end of the frame (under the cushion).
- ② Product sign: riveted on the middle and lower mounting seat on the right side of the frame.
- ③ Engine number: engraved at the bottom of the engine left crankcase.

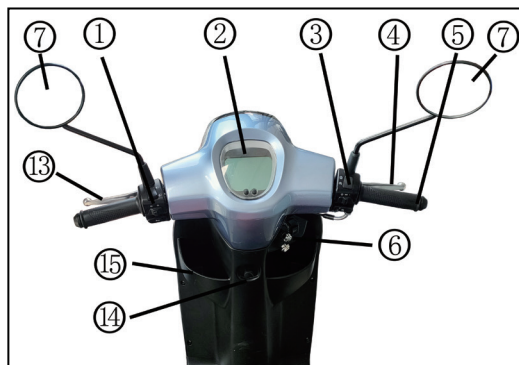


Frame VIN number:

Engine number:

Note: this model is equipped with CBS braking and ABS braking, tire, passenger handrail and so on. This picture is for reference only, subject to the real car you purchase.

Parts Location



- | | |
|----------------------------------|-------------------------------|
| ① Left handle switch | ⑨ Rear handrail |
| ② Instrument | ⑩ Side stand |
| ③ Right handle switch | ⑪ Main stand |
| ④ Front brake handle | ⑫ Lockers (under the cushion) |
| ⑤ Throttle control grip | ⑬ Rear brake lever |
| ⑥ Power lock | ⑭ Luggage hook |
| ⑦ Rearview mirror | ⑮ Front box |
| ⑧ Battery position (under pedal) | ⑯ Passenger pedal |

LTR 125 status

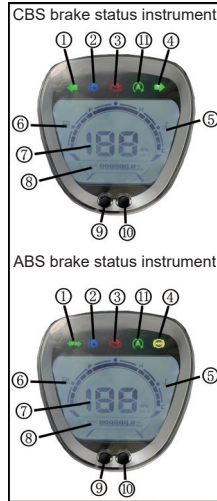


Instrumentos

① Left turn signal indicator or left and right turn signal indicator (optional)

a) If the model you choose is a non- ABS braking model: this graphic symbol is a left steering signal light indicator. When the steering signal of the left handle is hit to the left, the green turn of the instrument panel indicates that the light will flicker accordingly.

b) If you choose a model for ABS braking status: this graphic symbol is a left / right steering signal indicator. When the left hand turn signal to the left or right, the instrument panel green to the left or right turn indicates that the light will flicker accordingly.



② Highlight light indicator:

When the headlight is lit, the blue highlight indicator lights up and displays the "D" sign.

③ Engine failure indicator:

When the key starts, the engine fault indicator lights on and the oil pump works for 3 seconds, the motor-cycle starts. If the indicator light goes out after the motorcycle starts, the vehicle is normal and there is no fault; if the indicator light is on, there will be a fault. Also in the course of driving, if the indicator light is off, the vehicle runs normally, if the indicator light is on, the vehicle needs to stop and check, please contact motorcycle distributor to check the vehicle in time.

④ Right turn signal indicator or ABS indicator (optional):

a) If the model you choose is a non-ABS braking model: this graphic symbol is a right steering signal light indicator. When the left hand steering signal is hit to the right, the instrument panel green turns to the right indicating that the light will flicker accordingly.

b) If the model you choose is ABS braking status: this graphic symbol is ABS indicator indicating the working status of ABS, as described in the following **"ABS Usage and maintenance instructions"** (p. 37)

⑤ Water temperature display:

Indicates the degree of water temperature of the vehicle, the "C" position indicates the low water temperature, and the "H" position indicates the high water temperature.

⑥ Fuel meters:

Represents the amount of fuel in the fuel tank. When the indicator of the fuel meter is in area E, when the oil level is 1 grid or less than 1 grid, the fuel indicator symbol will keep flashing, indicating that the fuel is insufficient, please replenish the fuel in time.

⑦ Speedometer:

The speedometer indicates the current speed.

⑧ Odometer:

Depending on your needs, you can select the small mileage (TRIP) or total mileage (TOTAL) feature on the odometer.

Small mileage (TRIP): a mileage meter that can be cleared and records the range mileage for a certain period of time. In the small mileage (TRIP) state, press the following ⑨ operation, you can clear the small mileage zero.

Total mileage (TOTAL): records the full mileage that has been driven. You can choose whether the mileage unit is km/h or mph by following ⑨ operations.

⑨ Left function button A (left key)

Function	Power Supply	show	A (left key)	Results
Mileage function switching	open	TOTAL	<3 seconds	TRIP A
		TRIP A	<3 seconds	TRIP B
		TRIP B	<3 seconds	TOTAL
		TRIP A or TRIP B	>3 seconds	TRIP A or TRIP B zero clearance
Unit switching		TOTAL	>3 seconds	Speedometer and odometer unit miles switch

⑩ Right function button B (right):

Reserved button, no function for now.

⑪ Automatic start and stop function indicator

The automatic start and stop control unit (SSCU) is installed at the right tail of the frame and the lower right position of the fuel tank. When the automatic start and stop control unit detects an anomaly, the indicator light will be displayed in different long and short light modes.

Function serial number	Pattern description	Detailed instructions.	Automatic start and stop indicator status
1	Start and stop function activation	1. Automatic start and stop enable switch on 2. Engine cylinder head temperature > 65 °C 3. First ride speed > 15km/h, and lasts 3 seconds 4. System voltage > protection voltage of electric cell Note 3: after the above four are satisfied at the same time, the automatic start and stop indicator light is lit and the automatic start and stop function is activated.	After the automatic start and stop function is activated, the indicator light is temporarily on until the mode is switched.
2	Automatic extinguishing	When the first mode is valid, the following situations are met at the same time 1. Engine cylinder head temperature > 65 °C 2. Throttle < 1.5% 3. Speed < 5km/h, status duration 3 seconds 4. System voltage > protection voltage of electric cell	After the automatic flameout function is activated, the indicator light is temporarily in a uniform flash state until the mode is switched.

Function serial number	Pattern description	Detailed instructions.	Automatic start and stop indicator status
		Note 4: after the above four items are satisfied at the same time, the automatic flameout function is performed. During this period, if the mode conversion function that triggers the side stand flameout mode or starts and stops the enable switch has been activated, the automatic flameout will temporarily fail and the first mode needs to be reactivated in order to be effective.	
3	Automatic start	When the second mode works, the following conditions are met: 1. Throttle opening > 2.5%, engine start automatically	After the automatic boot function is activated, the indicator light is temporarily on until the mode is switched
4	Side stand flameout	1. When the side stand switch is effective, the state duration is more than 0.3 seconds into the side stand protection flameout mode.	After the side stand flameout function is activated, the indicator light will temporarily go out until the mode is switched.
5	Fault indication	1. Overcurrent keep bright 2. Overvoltage is one long and two short 3. Hall is one long and three short. 4. CAN communication flashes abnormally Overcurrent, SSCU will send out instructions Overvoltage, SSCU will send out instructions Hall anomaly, SSCU will issue flameout instructions)	The indicator will be displayed in a different light indication according to the current fault type

Function serial number	Pattern description	Detailed instructions.	Automatic start and stop indicator status
6	Undervoltage and power loss protection	1. When the voltage is protected by the battery, when the charging is abnormal, the automatic flameout function is temporarily interrupted, and when the battery is charged to the allowable SOC, the automatic flameout function will be reactivated.	The instrument TOTAL area displays the "BATT--" charging mark and continues to flicker until the battery charging protection state is switched.

Operation Guide

Key

This model is selected with electronic remote control key and mechanical key.

Electronic remote control key

An electronic remote control key is provided with the car.

① Keyless Controller (PKE) enable key:

Press the PKE enable key on the remote control key, the steering light flashes once, the buzzer screams and the PKE function starts; press the PKE enable key again, the steering light flashes twice, the buzzer screams twice, and the PKE function is turned off. The remote control key is within 1.5 meters of the vehicle controller (that is, the remote control key is with you), and the power lock knob ① After pressing, verify the legitimacy of the key and verify that the marking light is on after passing. ② 5



seconds (blue), direction lock relay suction 5 seconds, turn light flicker once, buzzer buzzer once

After the whole vehicle is powered on, the marking lamp goes out, long press the search key or press the unlock key or press the PKE enable key, the controller does not respond.

Press the PKE enable key on the remote control key for 3 seconds, the steering light flashes once, the buzzer buzzer calls once, and the PKE function is activated; press the PKE enable key on the remote control key again, the steering light flashes twice, the buzzer buzzes twice, and the PKE function is turned off.

② **Unlock key:** after the PKE function starts, press the unlock key on the remote control key, the power lock marking light is on for 20 seconds, the directional lock relay absorbs 20 seconds, the steering light flashes once, the buzzer buzzes once, 20 seconds later, the directional lock lock stops, the steering light flashes twice, and the buzzer buzzer calls twice.

③ Search key:

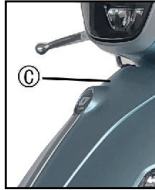
Press the search key on the remote control key and

the steering light flashes five times.

④ **Key indicator:** when performing the above operation, the key indicator lights flicker feedback.

Electronic remote control key emergency unlock function:

Inside the plastic parts at the front of the front of the vehicle (figure ③ Position) equipped with an electronic remote control key signal antenna. When the electronic remote control key is dead, the remote control key is close to the antenna position (about 4-5cm position). The keyless controller (PKE) can sense the remote control key and unlock the power supply.



Electronic remote control key battery replacement:

Open the key from the middle gap on both sides of the electronic remote control key, push the button battery ⑤ out of the mounting seat, load the button battery with the new specification CR 2032 3V, and pay attention to the positive stage (+) upward



installation. Power lock

This model is selected with keyless power lock and common power lock keyless power lock.

"⊗" Mark... The power lock knob switch turns to the "⊗" marking position, the power is cut off, and the engine cannot start

"○" Mark... The power lock knob switch turns to the "○" marking position, the power is turned on, and the engine can start

"🔒" position: when the power lock knob switch is in the "🔒" marked position, turn the direction to the left, press the power lock down and rotate counterclockwise to the "⊗" position at the same time, the steering lock extends the lock core and turns the vehicle to the lock.

"SEAT" position: when you turn to the "SEAT" tag, press the right SEAT identification button to open the cushion.



Notice

When you open the cushions, complete the removal and release of the items, and are ready to leave, be sure to lock the steering. When the

Notice

power lock knob switch is in the "SEAT" position, others can also open the cushion, which will cause the loss of property in your vehicle or cushion.

Notice

To prevent theft, please lock the steering and remove the key when you stop the car. After locking, gently turn the direction to confirm whether it is locked. Please don't park in a place that hinders traffic.

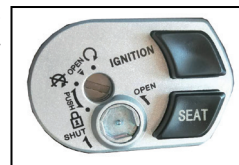
Mechanical power lock [optional]

This power lock has the function of electromagnetic anti-theft.

When you dial the lower switch of the power lock to the "OPEN" position, you can insert the key operation into the upper keyhole; when the lower switch is dialed to the "SHUT" position, the upper



keyhole is closed, and the upper keyhole is opened only when the "key handle switch" is redialed to the "OPEN" position.



"○" Mark... The key turns to the "○" marking position, the power is turned on, the engine can start, and the key cannot be taken out

The "OPEN" tag. The key turns to the "OPEN" marking position, and you can open the cushion by pressing the right SEAT identification button.

"⊗" Mark... The key turns to the "⊗" marking position, the power is cut off, the engine cannot start, and the key can be taken out

"🔒" Mark... Turn the direction of the vehicle to the left, press down the key to the "🔒" marking position, take out the key, and the front turn is locked. If you want to open, insert the key and go to the "⊗" marking position, the front steering lock is automatically unlocked.

Right handle

① Automatic start and stop enable switch



When the switch button marks the  position, it indicates that the automatic start and stop function enables (on)

When the switch button marks the  position, it indicates that the automatic start and stop function is disabled (closed).

② light switch

" " Mark... When the light switch button is in the " " marking position, the left and right steering lights flicker and shine at the same time, warning of danger

"•" Mark... When the light switch button is in the "•" marking position, the left and right steering lights stop flashing.

③ Electric starting switch

" " Mark... When holding the brake handle, press the electric starting switch button, rotate the throttle control handle slightly inward, and the engine can start.



Notice

After the engine starts, the finger immediately releases the electric starting button, and the electric starting switch button cannot be pressed during the engine operation; the starting time should not exceed 3 seconds, the interval should be 10 seconds, and the electric starting should be stopped for five times, so as to prevent the excessive discharge of the battery and use it only after eliminating the possible faults.

④ Front brake handle

Hold the brake handle of your right hand slowly as you brake. When the brake handle is pressed, the brake light will be turned on automatically.

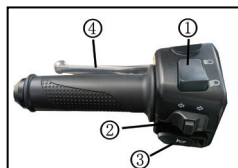
⑤ Throttle control grip

Throttle control grip is used to control the speed of the engine. When you want to speed up, you should turn the grip in its own direction, on the contrary, release the throttle control handle to achieve the purpose of deceleration.

Left handle

① Headlamp high and low light switching switch

" " Mark... When the headlight high and low light switch button is in the " " marking position, the high light is lit, while the blue highlight indicator on the dashboard is lit.



" " Mark... When the headlamp high and low light switch button is in the " " marking position, the low light is lit. According to the road traffic safety requirements, when driving in the urban area or coming to the front of the car should be switched to a low light, so as not to affect the line of sight of the other party.

② Horn switch

When the main switch is in the " " position, press the horn button and the horn will ring.

③ Steering light switch

Dial the switch to the " " position, the front left / rear left turn light flashes, the switch to the " " position, and the front right / back right turn light flashes. When the steering light switches, the green steering

indicator on the dashboard flashes accordingly.

Turn off the steering light by dialing the switch back to the middle position or pressing the middle button.

Warning

Turn on the steering light ahead of time when you want to turn or change lanes. After turning, turn off the steering light in time so as not to affect the normal operation of other vehicles and avoid accidents.

④ Rear brake handle

When braking, hold the brake handle of the left hand slowly. When the brake handle is pressed, the brake light is turned on automatically.

USB interface

There is a (5V/2A) USB interface on the left side of the front side of the vehicle, which can be used to charge components such as mobile phones.



Storage box

The packing box is located directly below the cushion. Press the "SEAT" button, press the button down, the seat pad will be opened, pull up the seat pad, can be placed. Put down the cushion and gently press the tail of the cushion to lock it.

The helmet jaw should be placed downward when the helmet is placed.



Notice

The maximum carrying capacity of the suitcase shall not exceed 10 kg, and the load of the front suitcase shall not exceed 1.5 kg.

After placing the object, please make sure that the cushion is actually locked.

Because the engine temperature is very high, the heat resistance low heat resistance article, the food and the flammability article, does not put in inside.

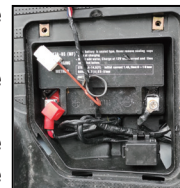
Please do not place valuables in the deposit box. When washing the car, there will be water occasionally, and special attention should be paid to the important items in it.

Battery

(1) This model is equipped with maintenance-free battery, battery specification is 12V/8.6AH.

(2) The battery is installed in the middle of the pedal.

(3) The method of removing the battery: turn off the power supply, unscrew the screws fixed on the battery box cover with a screwdriver, remove the battery box cover, remove the negative pole and positive pole installation bolt of the battery, and remove the battery. When installing the battery, please proceed in the opposite order. And the fuse is in it.



Fault Mode and troubleshooting of automatic start and stop

1. There is no response to the key start, and the check ideas are as follows: the power supply abnormal → start button signal fails → the brake button signal fails → side stand enable¹ → the relay to turn off → flameout enable² → SSCU abnormal.³

2. The crankshaft rotates but does not enter the car, the check train of thought is as follows: the power supply abnormal → trigger signal is abnormal → the

fuel supply is abnormal, → the ignition is abnormal → flameout enable → idle stepping motor failure → SSCU abnormal → ECU anomaly.

3. The automatic start and stop function can not be triggered, the investigation ideas are as follows: start and stop enable switch abnormal → temperature abnormal → speed abnormal → throttle position abnormal → SSCU abnormal.

4. The starting function of the throttle is invalid, and the train of thought is as follows: side stand enable → communication is abnormal → throttle position too small → start relay abnormal → SSCU abnormal.

5. The stop and flameout function of the turpentine is invalid, and the train of thought is as follows: communication is abnormal → speed is abnormal → the temperature is abnormal → the position of the throttle is not returned to zero → Battery undervoltage⁴ → abnormal charging circuit → SSCU abnormal.

6. The glittering mode of the fault lamp is as follows: Overcurrent: magnetic motor coil short circuit → SSCU anomaly. Overvoltage: abnormal cylinder flywheel → SSCU anomaly.

Hall anomaly: Hall harness anomaly → Hall sensor

abnormal → SSCU anomaly.

CAN communication exception: CAN signal abnormal → CAN bus abnormal → SSCU abnormal → ECU exception.

7. Undervoltage protection: battery power loss → weather is too cold

→ charging fuse → battery contact bad → SSCU charging connector is not reliable → SSCU abnormal

8. Suddenly flameout while driving, at the same time the fault lights flicker, check the train of thought as follows:

Overcurrent: short circuit → coil short circuit → SSCU anomaly Overvoltage: abnormal SSCU charging

Hall anomaly: Hall harness anomaly → Hall sensor abnormal → SSCU anomaly

¹ Side stand enable: side stand switch in side stand state, signal pull down mode, may also be short circuit grounding ground

² Flameout enable: the flameout signal is in the flameout state, the signal is pulled down, and it may also be short-circuit grounding

³ SSCU exception: start and stop controller hardware exception or software exception

⁴ Battery under voltage: if the battery loses power below the set value of the system, the automatic flameout function will be temporarily interrupted

Start the motorcycle

1. Check the fuel quantity and oil level before starting the engine. The fuel quantity should meet the needs of the expected mileage, and the oil level should be within the upper and lower limits of the oil scale. If the oil quantity is insufficient, please add it in time.
2. Support the motorcycle with the center to make the rear wheel reliable and off the ground.
3. The power lock the master switch and go to the "○" position.
4. Hold the brake handle firmly and press the electric starting button on the right handle to start the motorcycle.

Warning

Irregular operation of engine starting may pose a danger. If the center is not supported when starting the engine, turning the throttle control grip inward will make the motorcycle rush forward. Please support the main stand before starting the engine, and only when the engine is idle can you put down the main stand. Therefore, before driving, do not

Warning

increase the throttle, so as not to cause accidents and other risks.

Do not start the engine in a place where the ventilation is not good. Because the exhaust gas is toxic. The engine should be turned off without being guarded.

Notice

When you are not driving, please do not leave the engine idling for too long. Idling for too long can overheat the engine and damage its internal parts.

Note item

1. Attention to starting: after braking, press the electric start switch lightly, the intelligent silent start and stop system will automatically start, after starting will automatically turn to power generation mode; do not need to hold down the electric starting button for a long time when starting, the whole system will start automatically, for a maximum of 3 seconds, if the system fails to start successfully in 3 seconds, the

driver can touch the power generation start switch into starting mode again.

2. Maintenance note: if in the process of vehicle maintenance and commissioning, maintenance personnel are allowed to operate the electric starting button for a long time, each time up to 10 seconds, the interval starting time needs more than 30 seconds.

3. Attention to undervoltage: if the vehicle is parked for a long time, or the battery is in poor condition, the side stand automatic flameout function is likely to be temporarily interrupted and shielded. If the system detects the battery undervoltage, the system will temporarily interrupt the automatic flameout function until the undervoltage fault is eliminated. If the battery undervoltage is serious, the vehicle can not start electrically, can start the foot, but at the same time should pay attention to Article 4.

4. Attention to abnormal idle speed: if the battery undervoltage is serious, the EFI system can not perform idle stepping motor reset, foot starting will cause idle abnormal, at this time need to step motor normal reset, first to ensure that the battery charging to the normal voltage, and then turn off the key, lasts

more than 5 seconds, in the restart of the vehicle.

If you encounter other difficult problems in use that cannot be solved, please contact after-sales service personnel or professionals.

Starting Motorcycle

1. Put away the main stand or side stand

Push the car forward and the center support will bounce up automatically.

If you use a side stand to stop, just straighten the car, then gently kick the side stand back to its original position, step on the car from the left, and touch the ground after sitting on the left foot to prevent toppling.

Caution

After starting the motorcycle, the braking should be kept in the braking state before driving.

Warning

Before driving a motorcycle, you must carefully

⚠ Warning

check the position of the side stand. If the side stand is not in the position of putting it away, when driving the left turn, it may cause the side stand to hit the ground and cause the motorcycle to lose its balance and cause danger.

2. Loosen the brake handle**⚠ Warning**

After the brake handle is loosened, the throttle should not be added at will to avoid the danger of a sudden increase in the speed of the car, resulting in a forward rush out.

3. Slowly rotate the throttle to control the grip, the motorcycle will begin to move forward**⚠ Warning**

Throttle control grip should not rotate quickly to prevent the car from rushed out.

4. Drive correctly

When the vehicle starts, it should turn on the steering light, honk, adjust the view field of the rearview mirror, and confirm the safety of the rear before driving.

5. Speed adjustment is controlled by throttle control and grip

Turn inward Throttle control grip turn inward speed will become faster, refueling should be slow and smooth. When you start or go uphill, slowly turn the throttle to control the grip, and the power will increase.

Go back to where you are. Throttle control grip turn outward will slow down, restore action to be quick.

6. Moderate driving can prolong the life of engine

The 1500km of the new car is the running-in period of the engine. Please keep it below 60km per hour and avoid rapid acceleration. Press the following table:

Mileage km	0-300	300-500	500-1000	1000-1500
Speed km/h	25-30	35-40	45-50	55-60

The gearbox oil should be replaced in a hot state after the running-in period.

7. use of front and rear braking

Please use front and rear brake at the same time when the throttle is closed.

Braking should be "slow" at the beginning, and then tightened as the ideal braking method.

Warning

The speed of the car is proportional to the distance of braking. Please be sure to estimate the distance between the vehicle or object in front of you and you should maintain a sufficient safe distance.

Inexperienced people often only use the rear brake, the use of single-wheel braking is easy to make the vehicle unstable and slip, at the same time, it will accelerate the wear and tear of the brake, should be careful.

8. No emergency brake or sharp turn

Emergency braking or sharp turning is the main cause of slippage and collapse, which is very dangerous.

9. Driving very carefully on rainy days

Wet and slippery road surface on rainy days, braking distance will be elongated, should slow down, at the same time maintain enough safe distance, careful driving ahead of time braking.

When downhill, return the throttle control grip to the closed position, and implement a moderate intermittent braking to slow down.

10. Parking method

When approaching the parking place

Turn on the steering light in advance, observe the rearview mirror, pay attention to the passing vehicle, and slow down slowly. Close the throttle, use front and rear brake, brake lights will be on to warn the rear of the vehicle.

When parking

Turn off the steering light and turn the master switch to the "⊗" position.

Support the center in a flat place, do not hinder the traffic, if the terrain is uneven, the car is easy to overturn.

The left hand grasps the direction, the right hand

grabs the handrail by the saddle, steps on the center brace and kicks, and pulls the car back with the right hand.

When the car is stable, be sure to lock the steering and remove the key in case of accident.

11. Troubleshooting

If the engine does not start properly, please check the following items:

- A. Whether there is enough fuel in the fuel tank.
- B. Carry out several starting operations to check whether the fuel flows to the injector.
- C. If fuel flows to the injector, the ignition system should be checked.
- D. Remove the spark plug and point it at the metal body of the engine and start the engine

Motivation check if there are sparks skipping, if no sparks skip, please submit to the distribution unit for inspection and repair.

Warning

Do not make the spark plug close to the spark plug hole at the cylinder head and close to the fuel tank. Because the fuel steam will light the fire, there is a risk of fire.

Notice

If you are not sure of failure, please contact the distributor in a timely manner, because they have the best technology and corresponding special tools to provide you with the best service. In particular, when your motorcycle is under warranty, do not remove the parts on the motorcycle on your own, which will affect your vehicle warranty.

Pre-operation Inspection

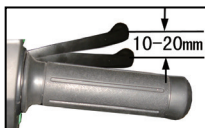
Carrying out vehicle inspection before driving can avoid the trouble caused by many faults on the way and ensure the safety of driving.

Front and rear brake inspection

1. Free stroke of brake handle

The free stroke of the front and rear brake handle is 10-20mm.

"Free stroke" refers to the distance between the front end of the brake handle (brake pedal) and the braking action. The brake handle (brake pedal) should not only have an appropriate free stroke, but also operate smoothly and smoothly.



2. Whether the braking performance is normal or not

When driving on the dry road, slow down the speed to see if the braking effect is good before and after. And often adjust to ensure the best braking performance.

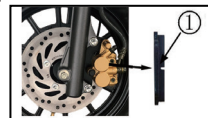
3. Brake fluid

This car uses DOT4 brake fluid. Do not use the residual liquid from the open cylinder or the brake fluid left behind by the last maintenance, as the old liquid will absorb water from the air. Be careful not to splash brake fluid on paint or plastic surfaces, which can erode the surface of these substances.

Note that the amount of liquid stored in the brake tank should be checked. If the storage volume is reduced to the lower limit, the specified brake fluid should be added to the upper limit. When the friction disc is worn, the liquid in the cylinder is automatically injected into the brake hose and the liquid level is reduced.

4. Front friction plate

Always check whether the wear of the friction plate has reached the limit mark ①. If the wear reaches the limit mark, the new friction plate should be replaced in time to maintain the best braking performance.



Warning

After braking adjustment, the concave part of the adjusting nut should be aligned with the outer circle of the rocker arm pin in order to prevent the change in driving and produce danger.

If the braking system or friction plate needs to be repaired, we strongly advise you to hand over the work to the distributor.

The disc braking system adopts high pressure braking. For safety, brake hoses should be replaced every four years and brake fluids should be replaced every two years.

Just put on the new friction plate can not ride right away, first grasp a few brake so that the friction plate fully stretched and return to the normal handle support force, and so that the brake fluid stable cycle. At the same time, the braking performance can meet the requirements by driving and braking at low speed.

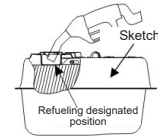
Fuel inspection and replenishment

The fuel is enough to drive as planned.

When the fuel meter is close to the E mark, it means that there is not enough fuel in the tank. Please replenish the fuel as soon as possible. The use of unleaded gasoline will give full play to the performance of the engine, prolong the service life of the engine, and the failure of the engine will be caused by the fuel that does not meet the specifications or inferior quality.

Warning

The engine must be turned off when replenishing fuel, the main switch should be turned off, and should be away from the heat source and fire source.



The fuel tank should not be overfilled, and the recommended fuel volume in the factory is 90% of the fuel tank volume. When refueling, please do not exceed the specified refueling position shown above, beyond the specified refueling position is easy to make gasoline infiltrate out, causing abnormal operation of motorcycles or causing dangerous accidents.

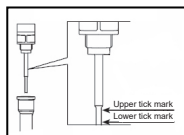
Oil inspection and replacement

It is very important to choose high quality oil and regular replacement of new oil for the performance and durability of the engine. Regular inspection of oil levels and regular oil exchange are two important tasks that must be performed in maintenance projects.

Please check the oil level regularly and add and change the oil as required. Start the engine and idle it for a few minutes, then turn off the engine for a minute and start checking:



(1) Support the center, remove and wipe the oil ruler ①.



(2) Insert the oil ruler again (do not spin in).

(3) Remove the oil gauge and check whether the oil is below the lower limit. If below, please replenish the oil until the upper limit position.

(4) The new car should change the oil after driving 1000km.

(5) The oil capacity is 0.9L, and the replacement time is about 0.8L.

(6) The oil quantity should not be lower than the lower limit of the oil gauge.

(7) In dusty, cold, poor road conditions, the oil is easier to deteriorate, please change ahead of time.

(8) Please use engine oil that conforms to or

exceeds the SJ class and is of high cleanliness and performance. The factory recommended model is SJ 10W-40. Priority should be given to the use of high performance QJMOTOR motorcycle oil. Please go to the motorcycle distributor to buy the authentic QJMOTOR motorcycle special oil.

Notice

The fuel quantity should be checked regularly in the course of use, and please replenish it in time when it is insufficient.

If the car is tilted or parked on the slope, the measurement of the oil level is incorrect.

Check the engine when it first stops to avoid scalding.

Pay particular attention to

When the initial running-in to 1000km, the oil should be replaced and the valve clearance should be readjusted to the required requirements (the mileage requirements for subsequent maintenance should be carried out in accordance with the maintenance schedule). At the same time, the

! Pay particular attention to

oil level of the oil should be checked regularly. If it needs to be added, the special oil for QJMOTOR motorcycles or the engine oil specified in this specification should be added.

The steps for oil replacement are as follows (oil replacement should take place when the engine is hot):

- (1) To support a motorcycle with a center on the horizontal ground
- (2) Unscrew the oil ruler in the state of engine flameout
- (3) Place an oil container directly below the drain bolt at the bottom of the engine
- (4) Unscrew the drain bolt and drain the old oil
- (5) Perform several starting operations to drain the oil from the engine
- (6) Screw back the engine drain bolt and fasten it
- (7) Inject new oil into the engine through the oil addition hole and reinstall it. Be sure to use the oil we recommend or specify.

- (8) Restart the engine, carefully check for 2-3 minutes at different speeds, determine if there is an oil leak at the drain bolt
- (9) Turn off the engine, re-use the oil ruler to check whether the oil level is between the upper and lower limits, if insufficient, add to the upper limit position of the ruler.

Direction handle check

The swing of the upper, lower, front, rear, left and right is loose or not.

Whether the steering is too tight.

Whether there is a bruise in the direction of the handle.

If any abnormal phenomenon is found, please go to our distributor to accept maintenance.

Brake lamp inspection

The master switch is pulled to the "○" position.

Brake before and after braking separately to confirm whether the brake light will be on.

Check that the brake lampshade is filthy or dam-

aged.

Steering lamp inspection

The master switch is pulled to the "○" position.

Operate the steering light switch to confirm whether the left and right steering lights and steering indicators are flashing before and after.

Check that the lampshade is broken or dirty.

Inspection of headlights, front lights and tail lights

Whether the light switch will be turned on after the engine starts. Check for contamination or damage to the lampshade.

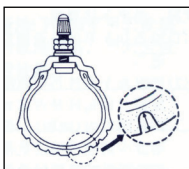
Tire inspection

Check tire pressure before and after inspection

Normal tire pressure:

Anterior wheel: $190 \pm 10\text{kPa}$; rear wheel: $210 \pm 10\text{kPa}$

Whether there are metal fragments, gravel and so on in the tire ditch, some will be removed before driving.



Please replace the new tire when the tire cracks or the deep wear of the tire groove reaches the limit.

The depth of the pattern on the crown pattern of the tire should be greater than or equal to 0.8mm, and if the wear is less than 0.8mm, the new tire should be replaced. The tire with abnormal wear is easy to cause harm in the course of driving.

Front and rear shock absorption inspection

Add weight to the direction handle and cushion, up and down swing, front and rear shock absorption is good.

Speed meter function check

Check that the functions of the speedometer are working properly.

Horn inspection

Put the main switch in the "○" position, press the horn button, and whether the horn will ring.

Rearview mirror examination

Sit on the cushion and look at the rearview mirror according to the normal driving state to confirm whether the rearview mirror angle is appropriate,

should be able to clearly see the rear situation, and check for damage or filth.

License inspection

Check if the license is damaged or loose.

Exhaust pipe inspection

Check if the exhaust pipe is loose or the exhaust noise is high.



Check that past anomalies have been eliminated

Coolant inspection, replenishment

Recommended coolant model: FD-2

When the new car leaves the factory, the coolant has been loaded, and attention should be paid to the inspection of the coolant height in the cooling kettle during maintenance. The cooling kettle is installed on the right side below the cushion.

The coolant of a water-cooled engine is very important to the engine. If the engine has no coolant at high speed, it will do a lot of damage to the engine. In serious cases, cylinder block and piston, as well as cylinder head can be damaged. So be sure to check

that the coolant level height is between the MIN mark and the MAX mark before driving and add it immediately if not enough. The coolant is a green liquid and a special coolant is required when it is lower than the MIN mark.

Coolant replenishment method: hold up the main stand, open the seat pad, and the coolant filling port can be seen on the right side of the tank. Remove the cooling kettle cover, rotate counterclockwise to remove the expansion kettle cover, and slowly inject the coolant into the filling port. Observe the height of the liquid level while adding coolant until the height reaches the MAX mark.

Warning

When the vehicle has just stopped, because the coolant water temperature is very high, and the internal pressure is easy to spray high temperature gas, please do not open the water tank cover, so as not to burn, must wait for the water temperature to cool enough before adding coolant.

Maintenance inspection

In order to keep the motorcycle good performance and drive safely and comfortably, please do a good job of regular inspection and maintenance. The company's distribution units and service stations can do after-sales service maintenance work for you in time, check the time and inspection items please refer to the maintenance schedule.

Warning

The routine maintenance of the new car after 1000km is a must-follow item, and the routine maintenance must be carried out carefully in accordance with the relevant instructions of the specification.

(1) Replacement and replenishment of engine gear oil

Stop the vehicle steadily and the engine stops running for 2-3 minutes. Open the refueling screw and check the gear oil. If the amount of oil is insufficient, please add



appropriate amount of gear oil.

Replace it every twelve months or 10000km.

The recommended gear oil is GL-5 class 85W/90.

The total capacity of gear oil is 140ml. Check the gear box for oil leakage.

(2) Parts lubrication

Proper lubrication is very important to maintain the normal operation of every part of motorcycle, to prolong its service life and to drive safely. After driving for a long time or after being wet or cleaned by Rain Water, we suggest that you do a lubrication and maintenance of the motorcycle. The main points of specific lubrication and maintenance are shown in the following figure:



☐ Motorcycle lubricating oil

☐ Grease

① Side stand and spring hook ☐

② Main stand shaft and spring hook ☐

③ Rear brake handle scrow (pin shaft) ☐

④ Front brake handle screw (pin shaft) [Z]

⑤ Throttle cable [Y]

(3) Oil pipe

Air filter oil storage pipe should be regularly checked, if there is oil in the oil accumulation pipe, it should be discharged in a timely manner.



Notice

Gear oil must be added to the adjusting screw hole.

Too much or too little gear oil can affect engine performance.

Do not use another brand of gear oil or inferior oil.
Cars with poor conditions should be replaced frequently.

The operation method of oil drainage is to loosen the hoop and move up, pull the blockage of the pipe out of the pipe, and release the oil accumulation in the pipe.

After the oil accumulation is exhausted, the tubing blockage is inserted into the oil accumulation pipe, and the clamps are loosened and clamped down to

tighten the tubing blockage.

(4) Spark plug

At the beginning of the driving 1000km, and in each line of 5000km, Inspections should be carried out regularly. Spark plug inspection is best performed by the dealer. If the spark plug shows signs of electrode corrosion and excess carbon or other deposits, it should be replaced in time After each driving 10000km, the spark plug should be replaced.



Spark plug model: CPR8EA (QJ152MI-A)

Spark plug model: LMAR8A-9 (QJ152MI-3A)



Caution

The standard spark plug for this type of motorcycle is carefully selected and can adapt to most of the working ranges. Please choose according to the specified model. If you choose the wrong spark plug, it will cause serious damage to the engine.

Spark plugs should not be too tight to interleave the threads so as not to damage the threads of the cylinder head. When removing the spark plug, do

⚠ Caution

not allow impurities to enter the engine through the spark plug hole.

(5) Engine idle speed

The stepping motor in the motorcycle automatically adjusts the idle speed to the appropriate range. If you need to adjust, please contact the distributor.

(6) Throttle valve body

The idle speed of motorcycle will be reduced due to the pollution of throttle body, and the throttle valve body will be cleaned once per driving 10000km.

When cleaning the throttle valve body, disconnect the battery negative pole connection, disconnect the sensor connector installed on the throttle, remove the throttle cable, the hose connected to the air filter and intake manifold, and remove the throttle valve body.

Spray the cleaner on the inner wall of the throttle body and brush off dust and carbon deposits.

After cleaning, reverse operation, install throttle

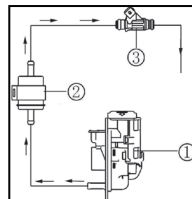
valve body, and ensure that all components are installed in place, try to start the engine successfully.

🔔 Notice

Don't let impurities clog the bypass.

(7) Fuel injector and oil circuit

There is an interface on the fuel pump ①, and the fuel enters the injector ③ through one of the interfaces of the fuel pump through the fuel filter ②, and finally injects oil and gas into the engine intake pipe. Please follow the right diagram to connect the connection method of the inlet and return pipes.



(8) Tires

Be sure to check the tire pressure and pattern depth when checking regularly. In order to ensure maximum security and long use time, in addition to regular checks, in the usual use of the process also has to be regularly checked.

The depth of the pattern on the crown pattern of the

tire should be greater than or equal to 0.8mm, and if the wear is less than 0.8mm, the new tire should be replaced.

(9) Tire pressure

Insufficient tire pressure will not only accelerate the wear of tires, but also seriously affect the driving stability. Insufficient tire pressure leads to steering difficulties; however, excessive tire pressure reduces the tire's ability to grasp the ground and is prone to skidding and losing control. Tire pressure must be kept within the prescribed limits. Tire pressure adjustment should be carried out at low temperature.

Front wheel tire pressure (cold)	190 $\pm$ 10 kpa
Rear wheel tire pressure (cold)	210 $\pm$ 10 kpa

Warning

Tire pressure and wear state is very important to the function and safety of the vehicle. Please check the wear and tear of the pattern and the tire pressure frequently.

(10) Headlamp beam adjustment

The headlamp beam can be adjusted up and down in the vertical direction. Beam height adjusting screw 1 is located on the back of the headlamp.



Rotating the beam height adjustment screw clockwise or counterclockwise can increase or lower the low light and highlight beams at the same time.

Notice

When adjusting the beam height, the driver should sit on the cushion of the vehicle and keep the vehicle in a vertical state.

(11) Light bulb (light source) replacement

When replacing a broken bulb, be sure to use a bulb with the same rated power. If different watts of light bulbs are used, the circuit system may be overloaded and the bulb will be damaged prematurely. LED light source is not easy to damage, if special circumstances need to be replaced, please contact motorcycle distribution unit for help.

 Notice

When replacing the bulb, it is necessary to use the same specification as the original car. The high-power bulb will increase the load of the circuit system, and it is easy to cause battery power loss and other faults.

When replacing the bulb, you must keep the head-lamp bulb clean and dust-free, otherwise it will shorten the service life of the bulb. The grease and dust on the bulb should be wiped off with a clean cloth.

(12) Fuse pipe

The fuse pipe is next to the battery. If fuse tube burns often occur, there is a short circuit or circuit overload. Please entrust the motorcycle distributor to carry on the repair in time.

 Warning

Do not use other fuses other than the prescribed specifications or replace them with copper wires, otherwise it will have a serious adverse impact on the circuit system and even cause fire or burn

 Warning

down the lights and lose the traction force of the engine, which is very dangerous.

(13) Battery

The battery is located in the pedal. The battery equipped with this car is valve-controlled wet load free battery, it is strictly forbidden to pry open the shell. There is no need for rehydration before and during use. If the voltage is less than 12.6V before use, the charging voltage is 14.5V, the charging limit current is 8.6A, and the charging is reduced to 0.2A (or refer to the battery instruction manual).

Please assemble the battery in the following order:

- (1) Turn off the motorcycle power switch.
- (2) Please take off the battery box cover first.
- (3) First connect the positive extreme (+), and then accept the negative extreme (-).
- (4) install the positive and negative insulation protective sleeve in place to prevent short circuit.
- (5) Assemble the battery box cover in place.

If the motorcycle is not in use for a long time, it should be removed and kept, and charged once a month. Please remove the battery in the opposite order, first remove the negative extreme (-), and then remove the positive extreme (+).

 Warning

When reinstalling the battery, be sure to connect the battery wire correctly. If the battery wire is connected backwards, the circuit system and the battery itself will be damaged. The red line must be connected to the positive extreme (+), and the black line must be connected to the negative extreme (-).

Be sure to turn off the power switch (key) when checking or replacing the battery.

To replace the battery, please pay attention to the following

When replacing the battery, you should confirm the motorcycle model and verify that it is consistent with the original battery model. The specification of battery takes into account the best matching in motorcycle design. Switching to different types of

batteries may affect the performance and life of motorcycles, and may lead to circuit failures.

If the motorcycle is not in use for a long time, it should be removed and kept and charged once a month.

 Warning

When the battery reacts, it will produce explosive gas, beware of sparks and flames, and avoid high temperature.

The battery is equipped with sulfuric acid (electrolyte). Contact with electrolyte on the skin or eyes can cause severe burns.

Electrolyte is a toxic substance, beware of children playing.

(14) Air filter

The air filter is located on the left side of the motorcycle near the rear wheel. If the air filter is blocked by dust, the intake resistance increases and the output power decreases, while the fuel consumption increases. In order to achieve the best filtration effect, this car uses the proprietary patented technology

of QJMOTOR motorcycle two high performance filtration mechanisms.

The filter core of the air filter is prohibited from cleaning (including the inability to blow dust with compressed air). Any cleaning may lead to the degradation of the filter core function and damage to the engine. For each driving 10000km of the vehicle, the filter core should be replaced, and the air filter core should be replaced in the following order:



- (1) Remove the two fixed screws under the plastic guard on the outside of the empty filter and remove the plastic guard.
- (2) Remove the fixing screw from the edge cover of the empty filter, remove the edge cover of the empty filter, and you can see the paper filter core.
- (3) Remove paper filter core.
- (4) Replace the new paper filter.
- (5) Install the cleaned air filter elements in the reverse order removed. It must be confirmed that the air filter elements are installed firmly in their

original position and are properly sealed.

Warning

Replacing the paper filter core must not let the filter core be stained with oil or water, otherwise it will make the filter core block and fail. It is recommended that you hand over the work to the motorcycle distributor to complete the work.

Caution

If the motorcycle is driving in a wetter or dusty environment than usual, or according to other driving conditions, it is necessary to shorten the interval period of filter core replacement, such as filter core blockage, breakage, ash penetration, obvious engine power decline, fuel consumption increase and so on, it should be replaced immediately, can not wait until the maintenance time to deal with.

Starting the engine without installing an air filter will cause dust to carry on the cylinder and damage the engine.

(15) Catalytic converter

In order to meet the needs of environmental protection emissions, the silencer is equipped with catalytic converter.

The catalytic converter contains precious metals as catalysts, which can purify harmful substances in motorcycle exhaust, including carbon monoxide, hydrocarbons and nitrogen oxides, and convert them into harmless carbon dioxide, water and nitrogen by chemical reaction.

Because the catalytic converter is very important, the faulty catalytic converter can pollute the air and damage your engine performance. If the silencer and other parts need to be replaced, remember to use the pure parts of the QJMOTOR motorcycle or entrust the motorcycle distributor to replace it.



Notice

The catalytic converter is located in the high temperature area, do not touch.

(16) Carbon canister

This model is equipped with motorcycle fuel evaporation control device: carbon tank.

Activated carbon particles which can adsorb vapor can be used to fill the carbon tank, which can effectively inhibit the volatilization of excess fuel vapor into the atmosphere in order to save fuel and environmental protection.

(17) ABS Usage and maintenance instructions [optional]

After the ignition switch is turned on, the ABS indicator light on the dashboard is on, and when the riding speed reaches 5km/h, the ABS indicator light will go out, when the ABS is in normal working state; in the course of driving, it suddenly flashes first and then lights up all the time, indicating that the ABS is not working.

If the ABS is not working, check that the ABS plug-in is in place and that the ABS wheel speed sensor and ring gap are within 0.5~1.5mm range.

If the ABS wheel speed sensor is damaged, the ABS indicator will always be on and the ABS will not work. Because the ABS wheel speed sensor has a certain

magnetic may adsorb some metal substances, please keep the ABS wheel speed sensor clean without foreign bodies, adhesion foreign bodies will lead to ABS wheel speed sensor damage.

ABS system exception, please contact motorcycle distribution unit.

Storage Guidelines

If you need to store for a long time, it is necessary to put all the oil in the injector, clean all parts of the car, remove the battery. If you store it for more than one month, you should add about 15-20ml oil to the cylinder and start the engine several times to make the oil spread evenly and store it in the light avoidance room temperature.

Storage and removal, it is necessary to clean the vehicle, check the battery and carry out a comprehensive inspection before driving.

LTR 125 Specifications and Technical parameters

Engine	Single cylinder (QJ152MI-A)	
Bore×stroke	52.4mm×57.9mm	
Maximum power	8.3kW/8500rpm	
Maximum torque	11.1N · m / 6500rpm	
Variable speed mode	Belt drive, stepless speed change	
Clutch	Dry type	
Ignition mode	ECU electronic control ignition	
Starting mode	Electric starting	
Tank volume	6.0±0.5L	
Maximum load mass	183kg	
Curb mass	118kg	
Length × width × height	1900 × 710 × 1100mm 1915 × 710 × 1100mm (Optional)	
Wheel-base	1300mm	
Tires	Front wheel: 100 / 90-12 or 90 / 90-12 Rear wheel: 110 / 90-12	
Braking system	CBS or ABS	Front disc
		Rear disc
Fuel type	Unleaded gasoline only	

LTR 125 Specifications and Technical parameters

Engine	Single cylinder (QJ152MI-3A)	
Bore×stroke	52.4mm×57.9mm	
Maximum power	10.8kW/8750rpm	
Maximum torque	12.0N ·m / 8250rpm	
Variable speed mode	Belt drive, stepless speed change	
Clutch	Dry type	
Ignition mode	ECU electronic control ignition	
Starting mode	Electric starting	
Tank volume	6.0±0.5L	
Maximum load mass	183kg	
Curb mass	118kg	
Length × width × height	1900 × 710 × 1100mm 1915 × 710 × 1100mm (Optional)	
Wheel-base	1300mm	
Tires	Front wheel: 100 /90-12 or 90 / 90-12 Rear wheel: 110 / 90-12	
Braking system	CBS or ABS	Front disc
		Rear disc
Fuel type	Unleaded gasoline only	

Maintenance schedule

Item	Period	Odometer reading				
		1000km	5000km	10000km	15000km	20000km
Fuel channel		I	I	I	I	I
Throttle operation		I	I	I	I	I
Air filter	(note 2)	I	C	R	C	R
Spark plugs			I	I,R	I	I,R
Cooling system		I	I	I	I	I
Throttle valve body		I	I	I	I	C
Engine oil		R		R		R
		Per: 1000km: I				
Brake friction disc wear				I		I
Braking system		I	I	I	I	I
*Transmission belt			I		R	
**Headlamp beam		A			A	
*Clutch shoe wear		I	I	I	I	I
*Suspension.			I	I	I	I
**Nuts, bolts, fasteners	(note 3)	I		I		
**Wheels, tires	(note 3)		I		I	I
**Steering gear bearing		I	I	I	I	I
*Front brake hose		I	I	I	I	I
		Change once every four years				
*Front brake fluid		I	I	I	I	I
		Change once every two years				

EXPLAIN:

I: inspection, cleaning, adjustment, lubrication or replacement as appropriate
C: cleaning

R: replacement

* Must be overhauled by the distributor, the owner shall provide his own qualified tools and maintenance materials, and if repaired by himself, reference shall also be made to the maintenance instructions.

**For safety reasons, we recommend that the project be overhauled by a distributor or a special maintenance station.

Note 1: if the odometer reading is high, the maintenance should be repeated in accordance with the cycle specified above. Note 2: if driving in particularly wet or dusty areas, it is best to shorten the prescribed maintenance cycle. Especially for the air filter maintenance cycle needs to be shortened, the first maintenance according to 500km, followed by each 1000km cleaning / cleaning.

Note 3: when you often drive on a concave and convex road, you must maintain it frequently.