

**QJMOTOR**  
ALWAYS FORWARD

# USERS' MANUAL

**SRT**  
**800X**



EN

# SRT 800/SRT 800X 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.

# Important Information

These are the safety alert symbols. They are used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

 <b>Warning</b>	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
 <b>Caution</b>	Indicates special precautions that must be taken to avoid damage to the vehicle or other property.
 <b>Notice</b>	Provides key information to make procedures easier or clearer.

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.

**Warning**

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

**Warning**

Road conditions for riding  
This motorcycle is suitable for riding on highway.

**Warning**

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.

## 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**

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 Motorcycles**

### **Safe riding rules**

1. The vehicle must be inspected before riding in order to avoid accidents and damage to the parts.
2. The rider must pass the examination of the traffic management department and obtain the rider's license before riding. Vehicles are not allowed to be lent to people who do not have a rider's license or who are not qualified to ride.
3. In order to avoid the harm of other motor vehicles, the rider 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 traffic accidents occur because of speeding, strictly abide by the traffic rules, the speed must not exceed the maximum speed limit of the road section.

6. Turn on the steering light in advance when turning or diverting to attract the attention of others.
7. At intersections, vehicle park entrances and exits and fast lanes, special attention should be paid to riding carefully.
8. Privately modified motorcycles or disassembled parts of the original vehicle, which will not ensure the safety of riding, at the same time illegal, and will affect the vehicle warranty.
9. The configuration accessories must not affect the riding safety and operating performance of motorcycles, especially the overload of electrical systems is easy to cause danger.

### **Protective apparel**

1. In order to ensure personal safety, riders must wear safety helmets, protective glasses, as well as riding boots, gloves and protective clothing. Attendants are also required to wear safety helmets.
2. During riding, the exhaust system becomes hot. Do not touch the exhaust system during blanching.
3. Do not wear lenient clothes that may be tripped by control rods, pedals, or wheels while riding.

### Wear a safety helmet

The helmet, which meets the safety and quality standards, is the first item of bicycle body protection equipment. The worst vehicle accident was a head injury. Please be sure to wear a safety helmet, and it is best to wear protective glasses.

### Precautions for riding 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 riding to avoid skidding. Be particularly careful when passing through railway crossings, railings and bridges. If the condition of the road can not be clearly judged, the riding should be slowed down.

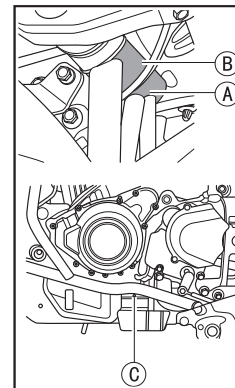
### Motorcycle Serial Number

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

**(A):** Frame number engraved position: right side of front pipe

**(B):** Product nameplate riveting position: left side of front pipe

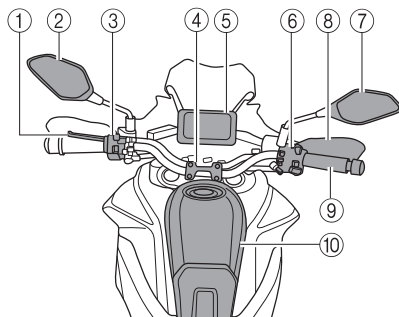
**(C):** Engine number engraved position: lower part of left box of crankcase



**Please record the number for reference.**

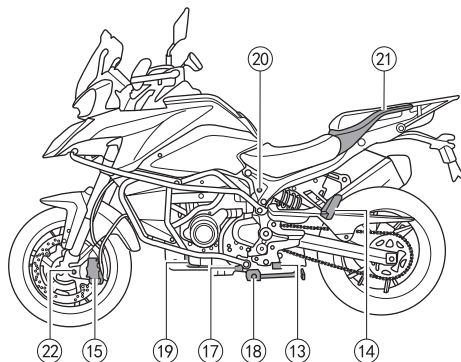
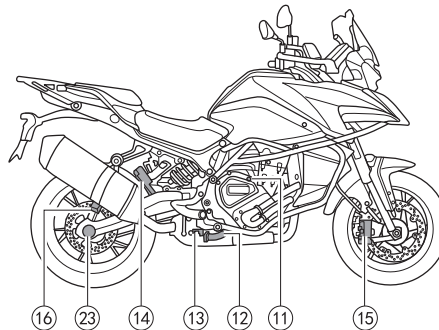
Frame VIN number:	
Engine number:	

## Parts Location

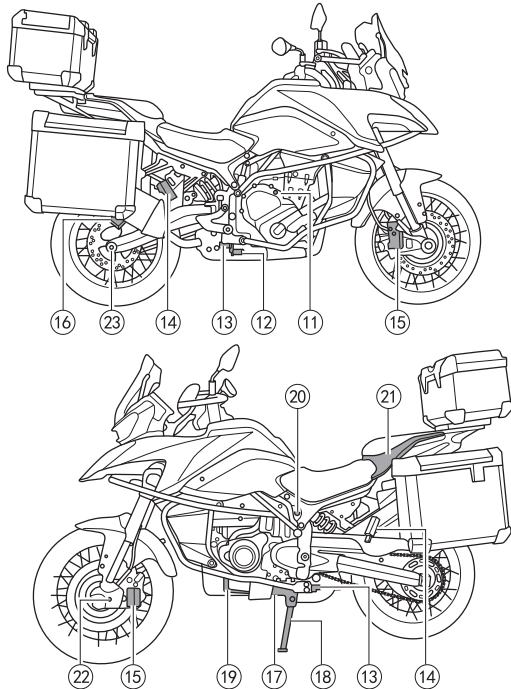


- ① Clutch handle
- ② Left and right rearview mirrors
- ③ Left handle switch
- ④ Ignition switch
- ⑤ Instrument
- ⑥ Right handle switch
- ⑦ Left and right rearview mirrors
- ⑧ Front brake handle
- ⑨ Throttle control handle
- ⑩ Fuel tank

## Status of SRT 800 model:



## Status of SRT 800 X model:



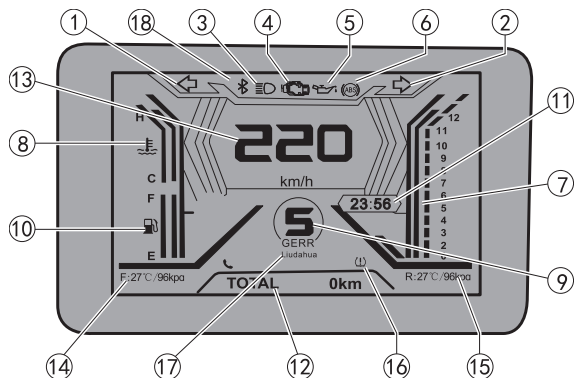
- ⑪ Oil filling port
- ⑫ Rear brake pedal
- ⑬ Rider pedal
- ⑭ Passenger pedal
- ⑮ Front brake
- ⑯ Rear brake
- ⑰ Shift pedal
- ⑱ Side stand
- ⑲ Coolant expansion kettle
- ⑳ Passenger cushion keyhole
- ㉑ Passenger handrail
- ㉒ Front wheel ABS wheel speed sensor
- ㉓ Rear wheel ABS wheel speed sensor



### Notice

This model is equipped with an optional tail box or side box. The pictures in this manual are for reference only. Please refer to the actual motorcycle purchased.

## Instrument Panel



### ① Left turn signal indicator light

When the turn signal light is turned to the left, the left turn signal indicator light will flash accordingly.

### ② Right turn signal indicator light

When the turn signal light is turned to the right, the right turn signal indicator light will flash accordingly.

### ③ High beam indicator light

When the high beam headlight comes on, the high beam indicator light will come on.

### ④ Engine malfunction indicator light

When the ignition switch is turned on, the indicator light will come on, the oil pump works for 3 seconds, and then the motorcycle is started. If the indicator light goes out after the motorcycle is started, the motorcycle is normal, and there is no fault; if the indicator light is on, there is a fault. Similarly, the motorcycle is running normally if the indicator light goes out during driving. If the indicator light comes on, the motorcycle has a fault and needs to be stopped for inspection. Please contact the local QJMOTOR dealer service center to inspect the motorcycle in time.

### ⑤ Engine oil indicator light

When the engine is not started after the ignition switch is turned on, the oil indicator light is always on; if the oil pressure is normal after the engine is started, the oil indicator light will go out. If the oil indicator light is not off, the oil pressure may be abnormal and the engine should be shut down for inspection; when the engine oil is low, the oil indicator light will come on. Please refill the oil in time.

### ⑥ ABS indicator light:

It indicates the working condition of ABS. Please refer to the "ABS Maintenance Instructions"

described below for details

⑦ Tachometer

It indicates the engine speed.

⑧ Water temperature display

It indicates the motorcycle water temperature with the position “C” indicates that the water temperature is low and the position “H” indicates that the water temperature is high.

⑨ Gear position indicator/simple navigation display area

It indicates the current gear position of the motorcycle, including gear positions 1, 2, 3, 4, 5, 6, and N, respectively indicating that the gear position is in 1st, 2nd, 3rd, 4th, 5th, 6th and neutral position.

When the instrument panel exits the wireless projection screen under the navigation status, simple navigation will be displayed in this area. The gear position display shifts to the left position.

⑩ Fuel indicator

It indicates the fuel level in the fuel tank. When the fuel tank is full (Position F), the fuel level is displayed with 6 indicating marks. When the fuel is low, the fuel level is displayed with 1 indicating mark or less (Position E). The last indicating mark of the fuel indicator will flash.

⑪ Time display

It indicates the current time. If the time needs to be adjusted, see the following Instrument Adjusting Key for details.

⑫ Odometer

The odometer records the motorcycle's total mileage (TOTAL) and relative mileage (TRIP A and TRIP B). The relative mileage (TRIP A and TRIP B) can be reset in kilometers or miles. See the following Instrument Adjusting Key for details.

⑬ Speedometer

It indicates the current driving speed, optionally in km/h or mph. See the following Instrument Adjusting Key for details.


⑭ Front tire temperature and pressure display

It indicates the tire temperature (°C) of the front wheel (F) and the front tire pressure.

⑮ Tire temperature and pressure display

It indicates the tire temperature (°C) of the rear wheel (R) and the rear tire pressure.

⑯ Tire abnormal alarm

This yellow tire pressure warning light “” will come on when the tire pressure or temperature is abnormal.

⑰ Tire pressure fault alarm message display area/  
incoming call display area

It indicates the tire pressure fault alarm message content. Please stop for inspection or contact the local QJMOTOR dealer service center to check the motorcycle.

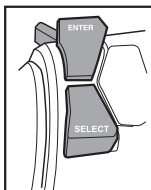
After the Bluetooth is connected, if there is an incoming or outgoing call, the incoming or outgoing call information is displayed.

⑱ Bluetooth indicator light

The blue Bluetooth icon is displayed when Bluetooth is connected. The Bluetooth icon is not displayed when Bluetooth is not connected.

## Instrument adjusting key

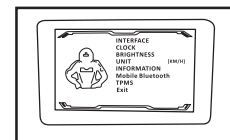
The instrument adjusting key is located on the left handlebar switch of the motorcycle. On the instrument panel main display interface, press the “SELECT” key to switch between the total mileage (TOTAL) and the relative mileage (TRIP A and TRIP B). Under the state of the relative mileage (TRIP A



and TRIP B), press and hold “SELECT” to clear the subtotal relative mileage. Under the state of the total mileage (TOTAL), press and hold “SELECT” to switch the mileage and the unit display of the motorcycle speed in km/h or mph.

When the motorcycle speed is zero, press the “ENTER” key for confirmation to enter the main menu page of the instrument panel. You can select the functions of “INTERFACE”, “CLOCK”, “BRIGHTNESS”, “UNIT”, “INFORMATION”, “Mobile Bluetooth”, “TPMS” and “EXIT”. Press “SELECT” to select the specific function to be adjusted, and press “ENTER” to confirm after selection. After the main menu interface is entered, the system automatically returns to the main interface if there is no operation for 8 seconds (except for Bluetooth, Secondary setting interface of tire pressure).

After the Bluetooth is connected, if there is an incoming or outgoing call, you can answer the call by pressing “SELECT” and hang up by pressing “ENTER”.



### ① INTERFACE

The main interface of the instrument panel can be displayed in three modes: daytime, night and automatic.

When automatic mode is selected, the light sensor automatically selects daytime/night mode based on the current ambient light brightness.

### ② CLOCK

Clock display range: 00:00 to 23:59 (24-hour system). The time needs to be reset in case of battery failure. In the setting mode, when each time a digit is set, the number of the digit flashes.

### ③ BRIGHTNESS

Set the instrument panel backlight brightness at positions 1 to 5 and auto.

### ④ UNIT

Select the units of the speedometer and odometer on the instrument panel main interface in km/h or mph.

### ⑤ INFORMATION

It displays the motorcycle fault, version and other information.

### ⑥ Mobile Bluetooth

When the Bluetooth is not paired, the Bluetooth indicator is not displayed on the main interface of the

instrument panel, and when the pairing is successful and the Bluetooth connected, the Bluetooth indicator is always on.

Select the ON or OFF status in the settings. If you turn it off, the Bluetooth can not be connected, and the number of synchronized contacts is 0; If you turn it on, the Bluetooth is reconnected, the maximum of 2000 contacts are automatically synchronized. Select Exit to return to the previous menu.

### ⑦ TPMS

The tire pressure unit can be chosen from one of three types: kpa, bar or psi.

If the front and rear wheel sensors have not learned, the "Not learned" message is displayed; if the front and rear wheel sensors have successfully learned, the corresponding ID string is displayed; if the front and rear wheel sensors have failed to learn, the "Learning failed" message is displayed.

Select Exit to return to the previous menu.

### ⑧ EXIT

Select Exit to return to the main interface of the instrument panel.

This motorcycle is equipped with all standard tire pressure monitoring. If the motorcycle is not equipped before the factory or the tire pressure sen-

sor is replaced, the tire pressure matching operation is as follows:

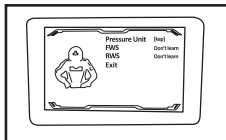
## Step 1:

- Turn on the ignition switch and the instrument panel interface appears.
- Press the instrument panel adjusting switch ENTER button shortly to enter the tire pressure setting interface.
- 

## Step 2:

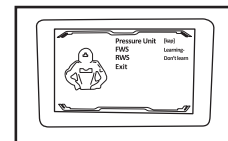
If there are matching records, clear the records first.

- Press the SELECT button to move to the exit position and press and hold the ENTER button for 8 seconds.
- Press the SELCECT button to move to the learning position of the front and rear sensors respectively, and press and hold the ENTER button for 3 seconds to clear. The initialization is successful.



## Step 3:

- First take out the tire valves of the front and rear wheels (to reduce the time taken to remove the tire valves during matching), press the ENTER button shortly to enter the learning of the front wheel sensor, and immediately inflate and deflate the front wheel. The deflation operation is continuous and uninterrupted (multiple operations can be performed for proper control) until the tire pressure ID number appears, that is, the front wheel matching is successful.
- Repeat the above actions when matching the rear wheel.

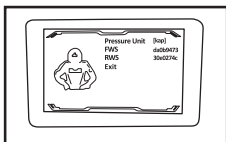


## Notice

The process from tire pressure learning to deflation should not take more than 2 minutes. The tire pressure during the inflation process should be able to sense the change of air volume; otherwise it is easy to fail the tire pressure.

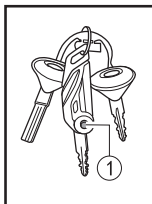
**Step 4:**

- This screen appears when the tire pressure matching is successful.
- If the matching is unsuccessful, repeat the above actions

**Operation Guide****Keys**

This vehicle comes with two keys, which can be used to start the motorcycle and open all the locks. One key is for use, the other key is set aside in a safe place.

Press button ① on the key to extend or recover the key head.

**⚠ Warning**

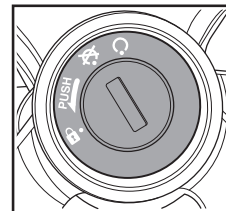
Don't hang O-shaped rings or other things on the key, because they may hinder rotation. Never rotate the key while the vehicle is riding, or the vehicle will lose control. For safety, check to see if there is anything that will hinder your handling of the vehicle before riding.

**Power lock**

“⊗” mark - When the key is turned to the “⊗” mark position, the power is off, and the engine cannot be started, but the key can be removed;

“○” mark - When the key is turned to the “○” mark position, the power is on, and the engine can be started, but the key cannot be removed;

“🔒” position: When the key is at the “⊗” mark position, turn the steering handlebar to the left, press the key and turn it counterclockwise to the “🔒” position. The steering lock extends out of the lock cylinder, and the motorcycle steering is locked. Now, the key can be removed.

**🔔 Notice**

Please lock the steering gear and remove the key when parking to prevent theft. After locking, turn the handlebar gently to confirm whether it is locked. Please do not park in the place that blocks traffic.

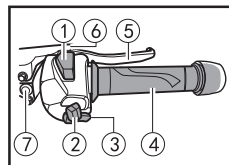
## Right handlebar

### ① Start/Stop switch

When the switch is moved to the “○” position, the motorcycle circuit is turned on and the engine can be started.

When the switch is moved to

the “⊗” position, the motorcycle circuit is cut off, and the engine cannot be started.



### **Warning**

During normal driving, do not move the switch from “○” to “⊗”. Otherwise, the engine or exhaust system may be damaged. Do not use the stop switch except in case of an emergency.

### ② Hazard warning lamps switch

Press the Hazard warning lamps switch. The front and rear turn signal lights flash simultaneously to remind you of the danger.

### ③ Electric start button

Make sure the engine start/stop switch is placed at the “○” position. Retract the side stand. Engage the transmission in neutral position. Press the electric start button “⊕”, and the electric motor will run to start the engine.

### ④ Accelerator control grip

The accelerator control grip is used to control the engine speed. Turn the grip toward the driver’s body for acceleration, and release or clockwise return the accelerator control grip for slowdown.

### ⑤ Front brake handle

Hold the brake handle with the right hand when applying the front brake according to the braking emergency conditions.

### ⑥ Front brake handle adjuster

For ride comfort, adjust the front brake handle position by adjusting the position of the knob with the ring nut.

### ⑦ Heating seat cushion button [Optional]

Press the button in to start heating the seat cushion, and press the button out to turn off the seat cushion heating function.

## Left handlebar



### ① Clutch handle

When starting the engine or shifting gears, hold the clutch handle to cut off the drive to the rear wheel.



### ② Horn button

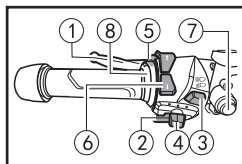
Power on the motorcycle. Press the horn button and the horn beeps.

### ③ High/low beam headlight selector switch

When the high/low beam headlight selector switch is moved to the “” position, the high beam headlight will come on, and the high beam indicator light on the instrument panel will be also on; when the selector switch is moved to the “” position, the low beam headlight will be on. When you drive the motorcycle in an urban area or see a vehicle in the front, switch to the low beam headlight so as not to affect the sight of the other drivers.

### ④ Turn signal light switch

Move the turn signal light switch to the “” or “” position and the corresponding turn signal light will flash. And, the green turn signal indicator light on



the instrument panel will flash accordingly. To deactivate the turn signal, move the turn signal light switch to the center or press the switch downward again.

### **Warning**

When changing lanes or turning, turn on the turn signal light in advance and make sure no vehicle behind is passing. After changing lanes or turning, turn off the turn signal light in time to prevent affecting the normal driving of other vehicles and avoid accidents.

### ⑤ Overtaking light switch

When crossing or overtaking, press this button continuously and the high beam headlight will flash continuously to warn the vehicle ahead.

### ⑥ Instrument adjusting key

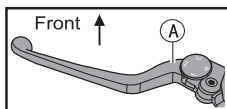
See “Instrument adjusting key”.

### ⑦ Heating handlebar grip cover button [Optional]

Press the button in to start heating the grip, and press the button out to turn off the grip heating function.

## ⑧ Clutch handle adjuster

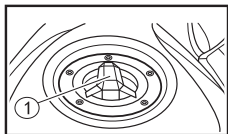
For ride comfort, adjust the clutch handle position by adjusting the position of the knob with the ring nut. Adjustment may be made by choosing one of four positions. Just slightly move the clutch handle forward horizontally, and then rotate the ring nut adjuster to align with the arrow (A) to adjust the desired position. And the clutch handle is the furthest from the grip at Position 1 and the nearest from the grip at Position 4.



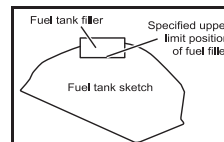
## Fuel tank refueling

When the fuel monitor flashes on the instrument, it should be refueled.

When refueling, first open the fuel tank cover dust cover ①, and then insert the fuel tank key to rotate clockwise, together with the key to open the tank cover. After adding oil, when you want to close the fuel tank cover, please direct the pin to the fuel tank cover, and then press down, you can close the fuel tank cover until the key is removed when you hear the lock sound, and close the fuel tank cover dust cover.



The fuel tank shall not be over-filled (90% of the total volume of the fuel tank recommended by the factory). Please do not exceed the specified position



of the refueling upper limit shown in the following figure, do not splash fuel on the thermal engine, otherwise it will cause abnormal operation of motorcycles or dangerous accidents.

When refueling, turn off the engine and transfer the ignition key to “⊗” (off) position.

Do not forget to lock the lid of the fuel tank to prevent excessive evaporation of fuel into the atmosphere, which wastes energy and pollutes the environment.

## ⚠ Warning

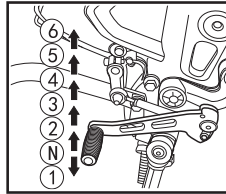
Fireworks are strictly prohibited when refueling.

If gasoline spills into carbon cans and other parts, please go to QJMOTOR motorcycle distributor to clean up or replace carbon cans as soon as possible, because too much gasoline entering carbon cans will cause activated carbon to fail prematurely. Often check the fluency of the lower nozzle of the

fuel tank cover to ensure the smooth drainage and avoid the external moisture from entering the inner cavity of the fuel tank.

### Shift pedal

This type of motorcycle adopts the usual meshing six international gear (non-cycle) shift mode, the operation is shown in the figure. The neutral is located between the lowspeed gear and the second speed gear, stepping down from the foot tip of the neutral and hanging into the low speed gear; each time the tip of the foot picks up the shift pole, it moves into the next high grade; each step on the tip of the foot moves into the next low gear. Because of the use of ratchet mechanism, it is not possible to improve or reduce multiple grades at one time.

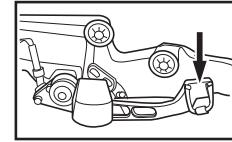


### ! Caution

When the transmission is in a neutral position, the overhead indicator light will be lit and the clutch rod should still be released slowly to determine whether the transmission is indeed in a neutral position.

### Rear brake pedal

Step on the rear brake pedal (see figure), so that the rear wheel of the motorcycle can act as a brake, and when the brake is manipulated, the brake light will be lit.



### Side stand

The side stand is located on the left side of the vehicle. Please kick the side stand in place with your feet when you stop. The side stand has the function of automatic flameout: when the side stand is in the state of parking (side stand open) or when the vehicle overturns or tilts to a certain angle, the engine can not start or turn off automatically, and the engine can start normally only if the side stand is put away.

### 🔔 Notice

Do not hold the vehicle on a sloping slope, or the vehicle may overturn. Please check the position of the side stand before parking the vehicle.

## Tool Kit

The kit is located under the seat cushion of the passenger. Using the tools in the kit, you can carry out some easy repairs, minor adjustments and parts replacement on the way.

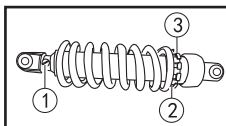
## Rear shock absorber

This model's configuration of the shock adjustment state will vary with the specifications of the tire.

Rotate the shock absorber adjusting knob ① with the slotted screwdriver clockwise, and the rebound damping force increases. Rotate the knob counterclockwise, and the rebound damping force decreases.

### ***Equipped with 17" front tires for rear shock absorber:***

According to the road conditions, to improve the comfort of the rider, use the adjusting knob ① at the lower end of the shock absorber to increase or decrease the shock absorber damping force: use a slotted screwdriver to rotate the adjusting knob clockwise or counterclockwise, and the damping force of

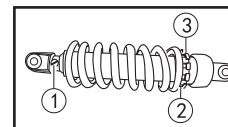


the shock absorber will also increase or decrease, thereby changing the slow or fast rebound of the shock absorber.

In addition, there are two adjusting sleeves at the other end of the shock absorber spring ② and ③. Use the shock absorber adjuster sleeve to rotate the adjusting sleeve ② and ③ upward or downward to change the pre-compression of the shock absorber spring, thereby changing the problem of hard and soft shock absorbers.

### ***Equipped with 19" front tires for rear shock absorber:***

According to the road conditions, to improve the comfort of the rider, use the adjusting knob ① at the lower end of the shock absorber to increase or



decrease the shock absorber damping force: use a slotted screwdriver to rotate the adjusting knob clockwise or counterclockwise, and the damping force of the shock absorber will also increase or decrease, thereby changing the slow or fast rebound of the shock absorber.

In addition, there are two adjusting sleeves at the other end of the shock absorber spring ② and ③. Use the shock absorber adjuster sleeve to rotate the adjusting sleeve ② and ③ upward or downward to change the pre-compression of the shock absorber spring, thereby changing the problem of hard and soft shock absorbers.

## **Warning**

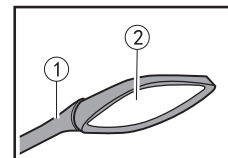
The rear shock absorber preload (compression of spring) has been adjusted to the best riding state in the factory. The shock absorber adjustment requires professional technology. Please contact the QJMOTOR Service Center to adjust the shock absorber. Unauthorized adjustment may cause safety accidents due to uncoordinated adjustment. Do not turn the adjuster beyond its limit, as this will damage the shock absorber. Please contact the QJMOTOR Service Center to adjust the shock absorber. Unauthorized adjustment may cause safety accidents due to uncoordinated adjustment. The rear shock absorber damping device contains high-pressure nitrogen. Do not disassemble, repair or perform improper operation on the shock absorber.

## **Rollover automatic flameout**

The vehicle has the function of turning off the side automatically. When the vehicle overturns or tilts to a certain angle, the engine will automatically turn off the fire to prevent the danger caused by it.

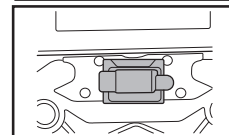
## **Adjustment of rearview mirror**

Rotating the rearview mirror frame ① and the mirror rod ② can adjust the rearview mirror angle. Adjust the rearview mirror frame and rod properly until you can see the back clearly.



## **USB interface**

A USB interface is set up under the instrument of this model.



## **Instructions for the use of fuel and oil**

### **Fuel**

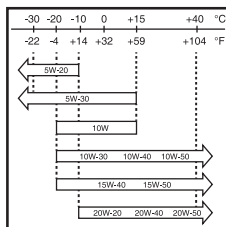
Please use unlead or low lead gasoline. If the engine makes a slight detonation, it may be using a normal grade of fuel, which should be replaced.

## Notice

The use of unlead or low lead gasoline can prolong the service life of spark plugs.

## Engine oil

Please use a fully synthetic engine oil that conforms to or exceeds the SJ level and has high cleanliness and high performance. The factory recommended model is SN 15W-50. [the loss of engine failure caused by the purchase of all synthetic oils other than our company will affect the warranty of the vehicle]. Please go to QJMOTOR Motorcycle Distribution Store to buy this motorcycle oil. The company only provides special oil to motorcycle dealership. The oil viscosity should be determined according to the temperature in the riding area, and the appropriate oil viscosity can be selected with reference to the diagram.



## Running in

### Top-speed

For new motorcycles, during the running-in riding of the initial 1500km, do not overrun or suddenly accelerate the engine, suddenly turn and suddenly brake, nor can it make its speed in any gear position exceed its maximum speed by 80%; avoid throttle valve body operation under full open conditions.

### Engine speed change

The speed of the engine should be changed from time to time, which helps to match the parts. During the running-in period, it is necessary to exert appropriate pressure on all parts of the engine to ensure full cooperation. But the engine cannot be overloaded.

### Avoid running at a low speed on a continuous basis

When the engine continues to run at a low speed (light load), it will cause excessive wear and tear of the parts, resulting in poor coordination. As long as it does not exceed the recommended maximum speed limit, it can be hung into each gear to acceler-

ate the engine, but during the running-in period, it can not be added to the maximum throttle.

The following table lists the maximum speed during engine running-in

Initial 800km	Below 5000rpm per minute
Arrive at 1500km	Below 6500rpm per minute
Exceed 1500km	Below 8000rpm per minute

### ***Cycle the oil before riding***

Before starting and starting at high temperature and low temperature after operation, the engine should have sufficient idle running time so that the oil flows to all lubricating parts.

### ***Routine first maintenance inspection***

The maintenance of initial 1000km is the most important maintenance work of motorcycle. all adjustments should be done well, all fasteners should be tightened, and the dirty oil should be replaced. Timely maintenance of 1000 km will ensure long service life and good performance of the engine.

### **! Caution**

1000km maintenance shall be carried out in accordance with the method described in the section on inspection and maintenance in this riding manual. Special attention should be paid to “caution” and “warning” in the section on inspection and maintenance.

Special attention is paid to:

First run-in to 1000km, please entrust QJMOTOR motorcycle distributor to change oil filter, change oil, clean filter net, etc. (follow-up maintenance mileage requirements are carried out according to “maintenance odometer”). At the same time, the oil level should be checked on a regular basis. If you need to add it, you should add a special oil or the engine oil specified in this specification.

### **Pre-riding inspection**

Before riding a motorcycle, be sure to check the following. The importance of these examinations must not be ignored. Finish all the inspection items before riding.

Content	Check points
Direction handle	<ul style="list-style-type: none"> <li>• Stability</li> <li>• Flexible rotation</li> <li>• No axial movement and loosening</li> </ul>
Brake	<ul style="list-style-type: none"> <li>• The handle and brake pedal have the correct clearance</li> <li>• There is no sponge feeling of poor braking</li> <li>• No oil leakage</li> </ul>
Tires	<ul style="list-style-type: none"> <li>• Correct tire pressure</li> <li>• Appropriate tread depth</li> <li>• No cracks or wounds</li> </ul>
Fuel stock	Enough fuel storage for the planned distance
Light	Operate all lights-headlights, position lights, brake lights, instrument lights, steering lights, etc
Indicator light	High light indicator, gear indicator, steering indicator

Content	Check points
Horn and brake switch	Normal function
Engine oil	The oil level is correct
Throttle	<ul style="list-style-type: none"> <li>• The throttle cable has an appropriate clearance</li> <li>• The refueling is smooth and the oil is shut down quickly</li> </ul>
Clutch	<ul style="list-style-type: none"> <li>• Appropriate cable clearance</li> <li>• Smooth operation</li> </ul>
Chain	<ul style="list-style-type: none"> <li>• Tight fit</li> <li>• Proper lubrication</li> </ul>
Coolant	Height inspection of coolant storage

## Riding motorcycle

### Engine starting

Rotate the power lock key to “○” on the contact of the position.

If the transmission is in a neutral position, the neutral indicator will also be lit.

 **Caution**

The clutch handle should be clenched when the transmission is in neutral position and the engine should be started.

Turn the right hand switch to the electric starting switch. “○” position, press the electric starting button on the right handle to start the engine.

 **Warning**

Do not turn on the engine in a room where there is no good ventilation or no ventilation. In the absence of attention, you are not allowed to leave the starting motorcycle for a moment.

 **Caution**

When you don't ride, don't let the engine run too much, or it will overheat and may damage the internal components of the engine.

## Starting

Put away the side stand, hold the clutch handle, stop for a moment, step down the gearshift rod and hang it up in the first gear. Rotate the throttle control handle in its own direction, at the same time, slowly and smoothly release the clutch handle, and the motorcycle will begin to move forward.

## Use of variable speed devices

The variable speed device can make the engine run smoothly in the normal running range. Motorists should choose the most suitable speed change under general conditions. You can't slide the clutch in order to control the speed. It's better to slow down and make the engine run within the range of normal operation.

## Riding on a ramp

When entering the climbing road, the motorcycle will begin to slow down and appear to lack of power, which should be changed to a lower gear, so that the engine will run within its normal power range and shift gears quickly to avoid the motorcycle losing impulse. When the downhill road surface, the engine changes the lower gear position to facilitate the braking. Be careful not to overspeed the engine.

**Use of brakes and parking**

To completely close the throttle, release the throttle control grip, at the same time evenly use before and after braking, gear speed change down to reduce the speed. Before the motorcycle stops, hold the clutch handle (disconnected position) and put on the neutral. Observe the neutral indicator to see if it is a neutral.

**Notice**

Inexperienced riders tend to use only rear brakes, which will accelerate wear and tear and make parking distances too long.

**Warning**

It is dangerous to use only the front brake or the rear brake to brake, which may cause skidding or losing control. Be particularly careful and use dense multi-point brakes on slippery roads and all bends. It is particularly dangerous to use brakes to brake urgently.

Motorcycles should be parked on solid, flat ground. Don't park in a place where traffic is blocked. If the motorcycle must be parked on a gentle slope with a

side stand, hang the motorcycle in one gear to prevent slippage. Before starting the engine, pull back to the neutral position.

Rotate the power lock key to “⊗” position, turn off the engine and lock the vehicle to turn and remove the ignition key from the switch.

**Inspection and maintenance**

The regular maintenance time limit for the number of miles driven is shown in the table below. At the end of each time limit, inspection, inspection, lubrication and required maintenance must be carried out in accordance with the specified methods. Steering gear system, support and wheel system are key components and require careful repair by skilled personnel. For safety reasons, we recommend that you entrust the distribution department or maintenance technician to carry out inspection and maintenance.

**Maintenance schedule**

I: inspection, cleaning, adjustment, lubrication or replacement C: cleaning R: replacement A: adjustment L: lubrication

Content Item		Period	Maintenance mileage	Odometer reading (note 2)					
		note		1000km	6000km	12000km	18000km	24000km	30000km
*	Fuel path			I	I	I	I	I	I
*	Fuel filter			C	C	C	C	C	C
*	Throttle operation			I	I	I	I	I	I
	Air filter	Note 1		C	C	R	C	R	C
**	Spark plugs			I	I	R	I	R	I
**	Valve clearance			Per 10000km: I					
	Engine oil			R	I	R	I	R	I
	Oil filter			R	I	R	I	R	I
*	Oil filter			C	C	C	C	C	C
**	Cooling system			I	I	I	I	I	I
*	Drive chain	Note 3		I	Per 1000km: I, L, A				
	Brake wear				I	I	I	I	I
**	Braking system			I, A	I, A	I, A	I, A	I, A	I, A
	Headlamp beam adjustment				I	I	I	I	I

Period Content Item		Maintenance mileage	Odometer reading (note 2)					
		note	1000km	6000km	12000km	18000km	24000km	30000km
	Clutch device							
	Brace							
*	Shock absorption system							
*	Nuts, bolts, fas- teners	Note 3						
**	Wheel / ring	Note 3						
**	Steering gear							

\*It shall be overhauled by the distribution department: the owner shall provide his own qualified tools and inspection data, and shall be overhauled by the holder of the mechanical worker's certificate, and if repaired by himself, it should also be overhauled. Refer to the maintenance manual.\*\*For all this project, the factory proposes to be overhauled by the distribution department for safety.

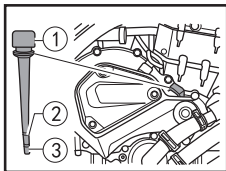
Note: 1. Traffic in dusty areas should be overhauled. Especially for the air filter maintenance cycle needs to be shortened, the first maintenance according to 500km; Subsequent cleaning/cleaning per 1000km

Note: 2. If the odometer reading exceeds this value, repeat the continuous check of the schedule shown in this table.

Note: 3. Often driving in concave and convex road conditions such as bad conditions, in order to maintain the good performance of the vehicle must be carefully maintained

## Oil level and oil exchange

Check the engine oil level before starting the engine. When checking the oil level, let the vehicle stand upright on a flat ground, the oil level should be between the upper limit ② and the lower limit ③ on the refueling cap ruler ①, and if necessary, add the oil that conforms to the specification and add it to the upper limit of the oil level 2.



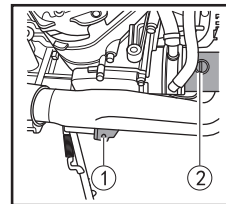
## Replacement of oil and oil filters

### Notice

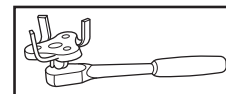
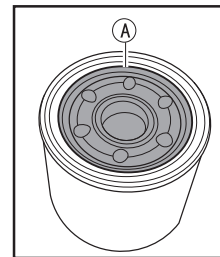
When changing the oil, we should ensure that the engine is in the hot engine state, and the body is supported by the support frame (to ensure that the motorcycle is in the horizontal plane and keep the vehicle body vertical), so as to ensure that the oil is discharged quickly and completely.

The engine oil capacity is about 2.7 L and 2.5 L when replaced.

1. When releasing oil, put the drain basin under the oil position, remove the oil discharge bolt ①. After thoroughly putting the oil in the box, reinstall the oil discharge bolt with torque of 20-25N.m, and replace the oil filter ② according to the following steps:



- Use the remove special tool for the oil filter to jam the oil filter, rotate counterclockwise, and remove the oil filter that needs to be replaced.
- Wipe the oil filter and the installation surface of the engine with a clean cloth.
- Use a new oil filter of the same model and seal it in the O-ring (A) Put a layer of lubricating oil on it.



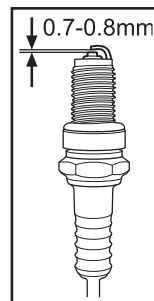
## Notice

Please do not remove the O-ring of the oil filter, as this will cause the sealing ring to not be installed in place, resulting in oil leakage or engine damage.

- Install the new oil filter on the engine by hand until it cannot be screwed by hand, and then tighten the oil filter with a torque wrench with 15-20N.m torque.
2. Inject about 2.5 L compliant oil into the engine until the oil reaches the upper limit of the oil scale.
  3. Put in the oil refueling cover.
  4. Start the engine, let the engine turn at idle speed for a few minutes, and then turn off the engine.
  5. Check the oil quantity position of the oil scale again, the oil level must reach the upper limit mark position, at the same time, there is no oil leakage phenomenon in the engine.
  6. If there is a splash of oil, please wipe it clean.

## Spark plugs

At the beginning of the riding 1000km, and each time 6000km is ridden, should be checked 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.



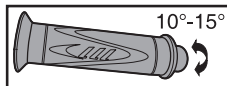
Recommended spark plug model: CR8E

## Caution

Do not screw the spark plug too tightly or inter-laced the threads so as not to damage the threads of the cylinder head. When removing the spark plug, do not allow impurities to enter the engine through the spark plug.

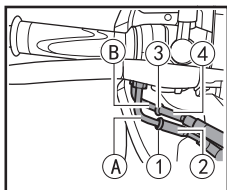
## Adjustment of throttle cable

1. Check the throttle control grip from the full open position to the fully closed position to check whether the throttle control handle rotates flexibly on the left and right sides of the full steering position.
2. Measure its free travel in the throttle control grip flange. The standard free stroke should be  $10^{\circ}$ - $15^{\circ}$ .



The vehicle is equipped with two-wire structure throttle cable, throttle cable (A) It's a refueling line, throttle cable (B) It's back to the throttle line. Please follow these steps to adjust the free stroke of the throttle grip:

- Remove the throttle cable dustproof sleeve.
- Loosen locking nut ③.
- Complete precession adjustment nut ④.
- Loosen the locking nut ①.
- Turn the adjusting nut ② so that the throttle controls the free stroke of the grip from  $10^{\circ}$  to  $15^{\circ}$ .

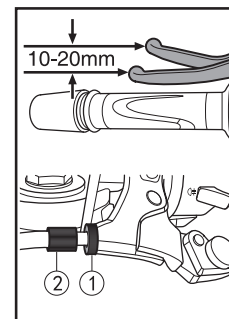


- Tighten lock nut ①.
- Adjust nut ④ so that the throttle grip rotates flexibly.
- Tighten lock nut ③.

## Clutch adjustment

The free stroke of the clutch shall be 10-20 mm before the clutch begins to loosen and the position of the end of the clutch grip shall prevail. If an anomaly is found, the handle end of the clutch cable can be adjusted as follows:

- Remove the clutch cable dustproof sleeve.
- Loosen the locking nut ①.
- Spin in or out of the adjustment screw ② to make the clutch free travel up to the prescribed requirements.
- Tighten lock nut ①.



## Engine idle speed adjustment

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

maintenance shop or QJMOTOR motorcycle distribution store.

## Throttle valve body

The idle speed of motorcycle will be reduced due to the pollution of throttle body. It is best to clean the throttle valve body once per riding 24000km.

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

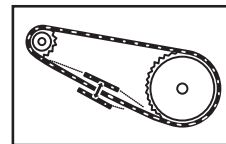
Don't let impurities clog the bypass.

## Drive chain

The service life of the drive chain depends on proper lubrication and adjustment. Improper maintenance may lead to premature wear of drive chains and sprockets. In harsh use, it must be maintained frequently.

Adjustment of the drive chain:

For each riding 1000km, adjust the drive chain so that the sag of the chain is 28-35mm. Depending on your riding condition, the chain may need to be adjusted frequently.

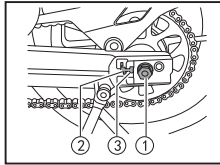


### Warning

These suggestions are the maximum adjustment time interval, in fact, the adjustment chain should be checked before each riding. Excessive relaxation of the chain may cause unchained accidents from the chain or cause serious damage to the engine.

Please adjust the chain as follows:

- Support the motorcycle with a support frame.
- Loosen rear shaft nut ①.
- Loosen the locking nut ②.
- Turn the adjustment bolt ③ to the right or left to adjust the relaxation of the chain. At the same time, the front and rear sprocket must be aligned into a straight line while adjusting the chain. To help you with this adjustment process, there are reference marks on the swing arm and each chain regulator, which can be aligned with each other and used as a reference from one end to the other. After aligning and adjusting the relaxation of the chain to 28-35mm, the rear shaft nut should be re-fixed and the final inspection should be carried out.



#### Notice

When a new chain is replaced, it is necessary to check whether the two sprockets are worn or not and, if necessary, to replace them.

During regular inspection, the chain checks the following conditions:

- Loose pin
- Damaged roller
- Dry and rusty links
- A twisted or bitten link.
- Excessive damage
- Adjust the loose chain

If the above problems occur in the chain, then the sprocket will be most likely to cause damage to it. Check the sprocket for the following:

- Overworn gear teeth
- Broken or damaged gear teeth
- Loose sprocket fixing nut.

#### **Lubrication of driving chain**

Priority should be given to driving chain grease lubrication, which can be purchased in most motorcycle stores or replaced by oil or other lubricants. Dip each chain joint so that the grease can penetrate between the chain plate, pin, bushing and roller.

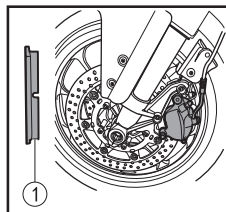
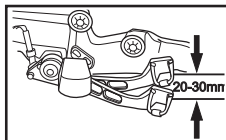
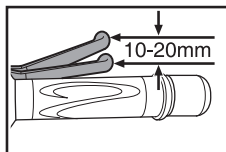
## Brake

The front wheel and rear wheel of this vehicle all adopt disc brake. Correct braking operation is very important for safe riding. Remember to check the braking system on a regular basis, and this inspection should be carried out by a qualified distributor.

### Adjustment of brake

- The free stroke at the end of the front brake handle should be 10-20mm.
- The measuring brake begins to brake

The distance at which the brake pedal moves before and after the action. The free stroke should be: 20-30mm.

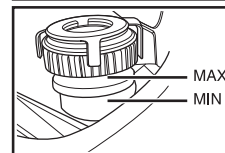
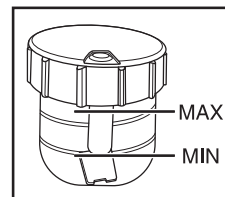


### Friction plate

The main point of checking the vehicle friction plate is to see if the plate is worn to the limit mark ①. If it is ground over this mark, you should replace it with a new friction plate.

## Brake fluid

After the friction disc is worn out, the brake fluid in the cylinder will be automatically injected into the brake hose, resulting in a decrease in the liquid level. The front liquid tank or front liquid cup (optional) is installed above the right handle, if the liquid level is lower than the lower limit of the front liquid cylinder calibration line



front liquid cylinder 1 or front liquid cup **MIN** engraving line, as appropriate, add the specified brake liquid to the upper limit engraving line; the rear liquid kettle should be installed in the middle of the right side of the vehicle, should ensure that the rear liquid kettle liquid level is between the **MIN** and **MAX** engraving lines, if the liquid level is lower than the **MIN** engraving line, the specified brake fluid should be added. Supplementary brake fluid should be considered necessary for regular maintenance.

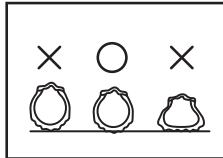
**! Caution**

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

**Braking system**

The braking systems that should be checked on a daily basis are as follows:

- Check whether there is leakage in the front and rear wheel braking system.
- Brake handle and brake pedal to maintain a certain reverse support force.
- Check the wear condition of the friction plate. The main point of checking the friction plate is to see if it is worn to the bottom of the slot. If the bottom line of the slot is exceeded, the two friction plates should be replaced together.

**! Warning**

If the braking system or friction plate needs to be repaired, we suggest that you hand over the work to the distributor. They have a full range of tools and skills to do the job in the safest and most economical way. When the new disc friction plate is first replaced, the brake handle is grasped and placed several times, so that the friction plate is fully extended and the normal reverse support force of the handle is restored, and the brake fluid is stable and circulating.

**Tires**

Correct tire pressure will provide maximum stability, riding comfort, and tire durability. Check the tire pressure and adjust it as necessary.

**🔔 Notice**

Check the tire pressure before cycling in the “cold” state of the tire.

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.

**⚠ Warning**

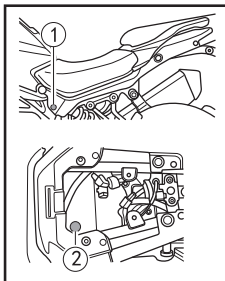
Do not try to repair the damaged tires. Wheel balance and tire reliability may deteriorate. Improper tire inflation will lead to abnormal tread wear and threaten safety. Insufficient tire inflation may cause tire skidding, or tire detaching, or even damage to the wheel ring, which may lead to control failure and lead to danger.

It is a dangerous thing to ride a motorcycle under the condition of excessive tire wear, which is not conducive to ground adhesion and riding.

**Cushion Loading and unloading**

Insert the key into keyhole ① at the bottom left of the rider's cushion and rotate the key clockwise to remove the crew cushion.

The rider's cushion lock is located in the left 2 position below the passenger cushion. After removing the passenger cushion, pull back the rider's cushion lock buckle ②, and the rider's cushion can be



removed by pushing the rider's cushion to the rear.

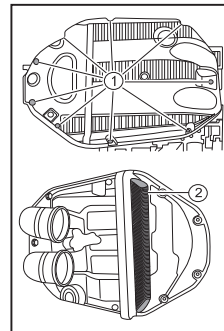
Front tire pressure	220 ±10 kpa
Rear tire pressure	250 ±10 kpa

When you want to install the cushion, push the cushion back forward, let the back hook of the cushion stick in the corresponding limit slot, then align the lock hook with the lock hole, press down the back of the seat cushion and install the seat cushion.

**Maintenance of air filter**

Air filters should be maintained on a regular basis, especially if ridden in areas with large dust or sand.

1. Remove the seat cushion, remove the plastic parts on both sides of the fuel tank, and remove the fuel tank.
2. Remove the air filter core outer cover fixing screw ① and remove the air filter core ②.
3. Replace the new paper filter.
4. Reinstall the components in reverse order at the time of disassembly.



**! Warning**

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. The filter core is replaced for each riding 12000km of the vehicle.

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 QJMOTOR motorcycle distributor to complete the work.

**! Caution**

If the motorcycle is riding in a more humid or dusty environment than usual, or according to other riding 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 is necessary to replace the filter core immediately, can not wait until the maintenance time to deal with.

**! Caution**

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

**Coolant**

Recommended coolant model: FD-2

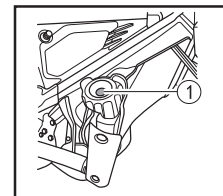
When the new vehicle leaves the factory, the coolant has been loaded, and attention should be paid to the inspection of the height of the coolant in the expansion kettle during maintenance.

When the coolant becomes muddy or to the maintenance cycle, please replace the coolant in time.

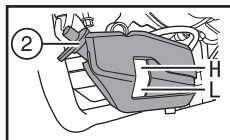
The coolant port ① of the radiator tank is located in the front part of the right side of the vehicle.

Open the cover of the coolant and inject the right amount of coolant.

After the coolant has been added, reinstall the radiator filling nozzle cover.



At ordinary times, cycling maintenance should often check the liquid level height of the expansion kettle coolant. The expansion kettle coolant should be checked after the engine has been turned off and cooled.



When checking, make sure that the motorcycle is in the horizontal plane and keep the body vertical. The expansion kettle is installed at the bottom of the left front of the vehicle to observe the coolant capacity in the expansion kettle to ensure that the coolant capacity is maintained between the **H** and **L** marks. If the liquid level of the coolant is below the **L** mark, remove the expansion kettle cap ② and add the coolant, please go to the QJMOTOR motorcycle distributor to add a special coolant.

## **Warning**

When the engine is turned off and cooled, the coolant can only be added. To avoid scald, do not open the coolant nozzle cover before the engine is cooled. The cooling system is under pressure. In some cases, the substance contained in the coolant is flammable, and when ignited, an invisible flame will be produced.

## **Warning**

Because combustion can lead to severe burns after coolant leakage, it is necessary to avoid coolant leakage on high-temperature motorcycle parts. Because coolant is highly toxic, avoid contact with and inhalation of coolant and keep it away from children and livestock. If inhaled coolant, seek medical treatment immediately, if skin or eye accidentally contact coolant, should immediately wash with clean water.

## **Catalytic converter**

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

The catalytic converter contains precious metals, which can purify harmful substances in motorcycle exhaust, including carbon monoxide, hydrocarbons and nitrogen oxides.

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

### Notice

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

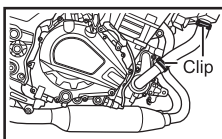
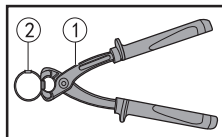
### Carbon canister

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

The carbon tank is located below the shock absorption. The carbon tank is filled with activated carbon particles that can adsorb vapor, which can effectively inhibit the volatilization of excess fuel vapor into the atmosphere in order to save fuel and environmental protection.

### Radiator pipe clip loading and unloading

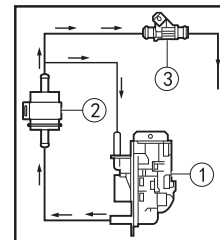
The disposable clips are used at the non-frequent disassembly end of the radiator water pipe, and the plate clips are often used at the disassembled end. When the clips are removed, the old disposable clips can not be reused and the plate clips can be reused. Special clip ① is needed to reinstall the clip ②,



otherwise it will lead to the clip assembly is not in place, resulting in vehicle failure.

### Fuel injector and oil circuit

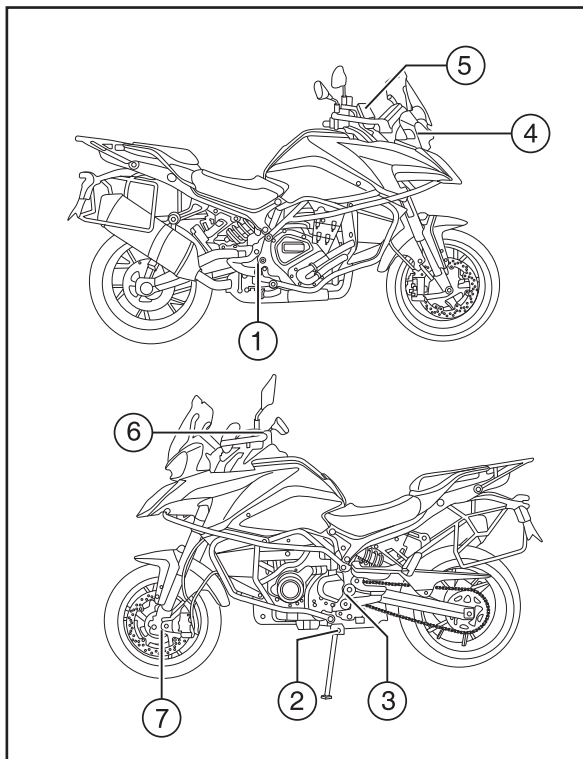
There are two interfaces on the fuel pump ①, and the fuel enters the injector ③ through one of the fuel pump interfaces through the fuel filter ②, and finally injects oil and gas into the engine intake pipe. When the fuel pressure is too high,



the fuel returns from filter ② to another interface of fuel pump ①. Please connect according to the figure above for the connection method of the inlet and return tubing.

### Parts lubrication

Proper lubrication is important to maintain the normal operation of every working part of your motorcycle, prolong its useful life and ride safely. After riding for a long time or after the motorcycle has been 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:



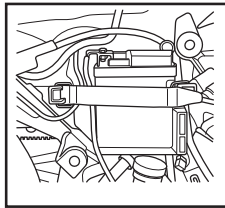
NO.	Description	Oil Type (M: Motorcycle lubricating oil G: Grease)
①	Rear brake pedal shaft	G
②	Sidestand joint and spring hook	G
③	Shift pedal pin shaft	G
④	Throttle cable	M
⑤	Front brake handle pin shaft	G
⑥	Clutch handle (pin shaft)	M
⑦	Speedometer gear and gear shaft bearings	G★

## Notice

The above lubrication projects with the “★” shall be operated by the professional service technicians of the QJMOTOR motorcycle distribution department or the maintenance service center.

## Battery

The battery is located under the rider's cushion. The battery equipped with this vehicle 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.



Please read and observe the following considerations before use:

1. The battery terminal voltage is detected for the first time. When the voltage is less than 12.6V, The charging voltage is  $14.4 \pm 0.02V$ , the charging limit current is 11A, and the charging current is reduced to 0.2A (or the relevant parameters are printed on the surface of the battery). During the charging process, the battery temperature is higher than  $45^{\circ}C$ , the charging should be stopped immediately, and the charging should be recharged after the temperature drops.
2. The battery terminal is positive in red and negative in black. Turn off the power supply when wiring, first connect the positive pole and then connect the negative pole; remove the negative pole first and then remove the positive pole when disassembled.
3. Charging system detection: after the whole vehicle starts, the battery voltage shows that the charging system is normal between the 13.5V-15V.
4. Vehicle leakage current detection: turn off the whole vehicle power supply, positive or negative series multimeter (current file), the current is less than 5mA, the whole vehicle line is not abnormal.
5. When the motorcycle is not in use for a long time, recharge is carried out once a month, or the battery is removed and placed separately, and the voltage is tested every three months, and the replenishment is carried out when the voltage is lower than 12.6V. Battery power loss storage is not allowed.

When taking out the battery for inspection, please do so in the following order:

- Turn off the motorcycle power switch
- Remove crew cushions and rider cushions, respectively
- Remove the battery fixed belt assembly
- Remove the negative extreme (-) first and then the positive extreme (+)
- Gently remove the battery. When installing the battery, please do so in the opposite order

When installing the battery, please proceed in the opposite order, first to the positive extreme (+), and then to the negative extreme (-).

## **Notice**

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.

## **Warning**

The battery will produce flammable gas when it is used and charged, so do not approach open fire or spark when charging.

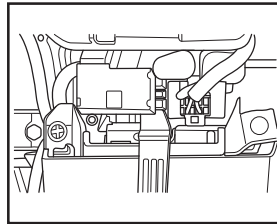
Battery is equipped with sulfuric acid (electrolyte), strong corrosion, so it is necessary to prevent human body, clothes, vehicles and other contact electrolyte, as soon as contact with water to wash clean, such as touching the eye, immediately with a large amount of water to rinse and timely medical treatment. Contact with electrolyte on the skin or eyes can cause severe burns.

## **⚠ Warning**

Electrolyte is a toxic substance, beware of children playing with it. Please place the battery in a safe place and beware of contact with children. In the course of transportation, the battery should not be subjected to strong mechanical impact and heavy rain, and the battery should not be inverted. In the process of disassembly and assembly, the battery should be gently moved and put, strictly prevent wrestling, roll heavy pressure. It is strictly forbidden to remove the positive and negative extreme insulation protective sleeve of the battery.

## **Replacement of fuse**

The fuse box is located under the rider's cushion and next to the battery. The main fuse is set on the starting relay and the fuse box is next to the main fuse.



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

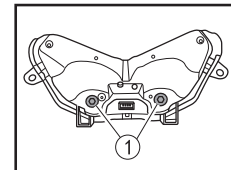
## **⚠ Warning**

Before checking or replacing the fuse, in order to avoid short circuits and damage to other electrical components, the ignition switch should be placed on "⊗" position.

Do not use fuses other than the prescribed specifications, otherwise it will have a serious adverse impact on the circuit system and even burn down the lights or cause fire, loss of engine traction, very dangerous.

## **Headlamp beam adjustment**

The beam height adjusting screw is located on the back of the headlamp. Rotating the high and low beam height adjusting screw ① clockwise or counterclockwise can increase or lower the high and low light beam at the same time.



## **Notice**

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

## **Replacement of light bulbs**

The light source of this type of lamps and lanterns is LED, LED is not easy to damage, if special circumstances need to be replaced, please contact QJMOTOR motorcycle distributor for help. 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.

## **Notice**

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

## **Notice**

When replacing the bulb, you must keep the headlamp 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.

## **ABS usage and maintenance instructions**

Turn on the power lock and the ABS indicator on the dashboard will be on (not flashing), which is normal. When the riding speed reaches 5km/h, the ABS indicator on the dashboard will go out, and the ABS will be in normal working condition.

The ABS light is on (not flashing) indicating that the ABS is in a diagnostic state.

The ABS light goes out to indicate that the ABS is in a normal working state.

The flicker of the ABS lamp indicates that the ABS is not working (or malfunctioning).

If you find that the ABS indicator is flashing all the time, indicating that the ABS is not working, check that the ABS plug-in is in place and that the ABS wheel speed sensor and gear ring gap are within the 0.5-1.5mm range.

If the ABS wheel speed sensor is damaged, the ABS indicator on the dashboard flashes and the ABS does 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.

Please contact QJMOTOR motorcycle distributor in time for ABS system failure.

## Storing Guidelines

### Storing

If you want to store for a long time, it is necessary to take certain maintenance measures to reduce the impact of long-term storage of motorcycles on its quality.

1. Change the oil.
2. Lubricate the drive chain.
3. As much as possible to empty the fuel tank, fuel injection unit oil.

### Notice


Gasoline can deteriorate when stored in the tank for a long time, which may lead to difficulty starting.

### Warning

Gasoline burns easily and may explode under certain conditions. Do not smoke or let sparks occur nearby when you drain fuel.

4. Remove the spark plug and inject 1 spoonful (15-20cm) clean oil into the cylinder, then start the engine several times to distribute the poured oil to each part of the cylinder, and then reinstall the spark plug3.

### Notice

When turning the engine, the ignition switch should be placed on “

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5. Remove the battery and store it separately in a place free from freezing and direct sunlight.
6. Clean and dry motorcycles. Wax all painted surfaces.
7. Inflate the tire to the right tire pressure. Place the motorcycle on top of the gasket to get two tires off the ground.
8. Cover motorcycles (do not use plastic or coating materials) and store them in places where there is no heating, no moisture and minimal temperature change. Don't store motorcycles in direct sunlight.

## ***End of storing for use***

Remove the cover and clean the motorcycle. If you store it for more than 4 months, change the oil. Check the battery and install it after charging as needed.

Check it all before you get out of the vehicle. Take a motorcycle test at a low speed in a safe area far from the road.

## **Specifications and Technical parameters (SRT 800)**

### **Size and mass**

Length .....	2240mm
Width .....	950mm
Height.....	1390mm
Wheel-base .....	1540mm
Curb mass.....	254kg

### **Engine**

Type .....	2-Cylinder Inline, 8V
Broke × stroke .....	88.0 × 62.0mm
Displacement .....	754cm <sup>3</sup>
Maximum power.....	75.1Hp at 8,500rpm
Maximum torque .....	67Nm at 6,500rpm
Ignition mode.....	ECU electronic control ignition
Starting mode .....	Electric starting

### **Brake**

Front braking mode .....	Manual disc brake (ABS)
Rear braking mode.....	Pedal disc brake (ABS)

### **Tire**

Front tire specification .....	120/70ZR17
Rear tire specification.....	180/55ZR17

### **Fuel**

Fuel tank .....	18±0.5L
Fuel type .....	Unleaded gasoline only

## Specifications and Technical parameters (SRT 800 X)

### Size and mass

Length .....	2260mm
Width .....	950mm
Height.....	1405mm
Wheel-base .....	1540mm
Curb mass.....	260kg

### Engine

Type .....	2-Cylinder Inline, 8V
Broke × stroke .....	88.0 × 62.0mm
Displacement .....	754 cm <sup>3</sup>
Maximum power.....	75.1Hp at 8,500rpm
Maximum torque .....	67Nm at 6,500rpm
Ignition mode.....	ECU electronic control ignition
Starting mode .....	Electric starting

### Brake

Front braking mode .....	Manual disc brake (ABS)
Rear braking mode.....	Pedal disc brake (ABS)

### Tire

Front tire specification .....	110/80R19 (Spoke)
Rear tire specification.....	150/70R17 (Spoke)

### Fuel

Fuel tank .....	18 ±0.5L
Fuel type .....	Unleaded gasoline only

