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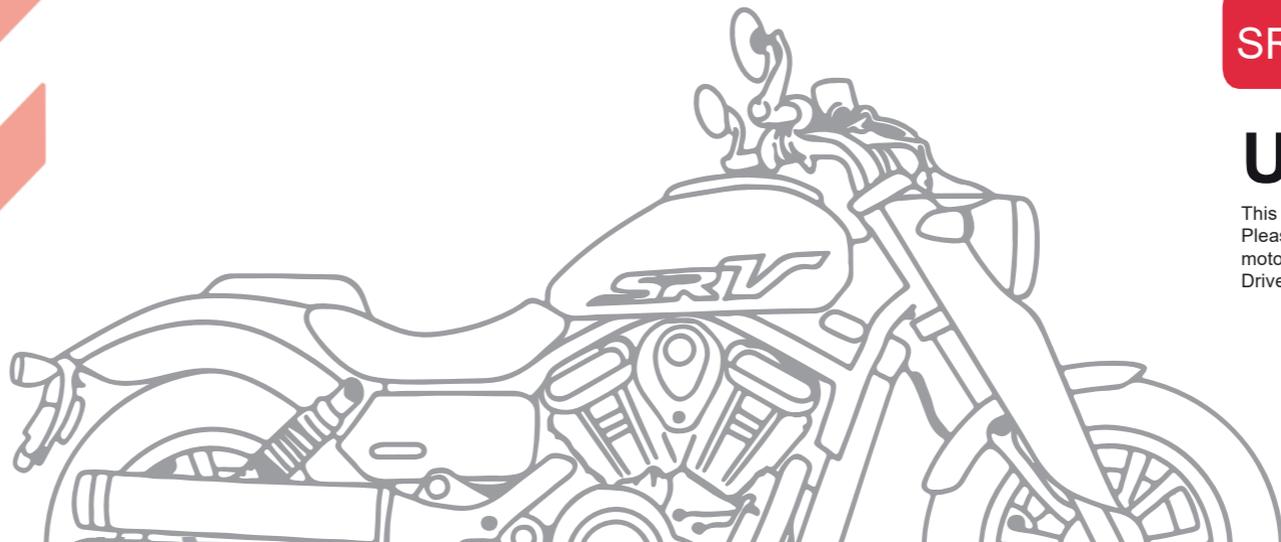
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QJMOTOR
ALWAYS FORWARD



SRV 600 V2

Motorcycle

User Manual

This manual contains important safety information. Please read this User Manual carefully before using the motorcycle and store it properly after reading. Drivers should obtain the corresponding driver's license.



SRV 600 V2

Motorcycle



Foreword

Dear users,

Thank you for purchasing QJMOTOR SRV 600 V2 two-wheeled motorcycle. It will provide convenience for your work and life so that you can enjoy the pleasure of riding. We will bring you a new driving experience with excellent service.

Please carefully read this User Manual before driving the motorcycle, and strictly follow the warnings and precautions in the manual in order to ensure your personal and property safety and improve the safety and comfort during driving.

This User Manual is an integral part of the motorcycle and should be transferred to the new owner when the vehicle is resold.

This User Manual contains the latest production information during printing. OJMOTOR has always pursued the quality policy of "improvement, further improvement, and continuous improvement", and is committed to continuously improving product quality and performance. This may result in changes in appearance, color, structure, etc., which may differ from the information in this manual. We appreciate your understanding. The illustrations in this manual are for reference only, and the specific style is subject to the actual motorcycle.

No part of this manual may be reproduced or copied without written permission.

Do not operate the motorcycle until you are fully familiar with its performance. Illegal modification to the motorcycle is prohibited.

This motorcycle complies with the emission standards applicable in the region of use.

Zhejiang Qianjiang Motorcycle Co., Ltd.
First Edition November 2025

EN

Foreword



Notices for Owners

Congratulations on becoming a member of the QJMOTOR family of Zhejiang Qianjiang Motorcycle Co., Ltd. (hereinafter referred to as QJMOTOR). Within this family, QJMOTOR hopes that every member will experience satisfaction, and we will work tirelessly to achieve this goal. For safety, please understand the following before riding the motorcycle:

- The illustrations in this manual are based on the SRV 600 V2 model. As they may vary depending on the region and configuration, please refer to the actual product.
- Read this manual carefully before use and store it properly after reading.
- Please follow all the suggestions and operating steps in this manual.
- Illegal modification of motorcycles is prohibited.
- Please pay close attention to the safety information provided in this manual and safety labels pasted on the motorcycle.

Warning Signs

Your safety and the safety of others are extremely important, and driving this motorcycle safely is an important responsibility. To help you make informed decisions about safe riding, we provide operating procedures and relevant information on the safety label and throughout this manual. This information is intended to alert you to potential hazards that may harm you or others. However, we cannot list all the hazards associated with motorcycle riding and maintenance. You must rely on your own good judgment as well.

You will see important safety information in various forms, including:

- Safety label of motorcycle.
- Warning signs, one of the following three warnings:

 Danger	It indicates that personal injury or death may occur if the method in this manual is not followed.
 Warning	It indicates that personal injury or damage to the parts may occur if the method in this manual is not followed.
 Notice	It provides information to help prevent damage to the motorcycle, other property, or the environment.



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1. Vehicle Safety

1.1. Riding precautions

1.1.1. Safety precautions

Dear user, for your safety and the safety of others and to prevent accidents, please read this manual carefully, practice to become familiar with riding skills, and observe the following precautions while riding:

- It is strictly forbidden to drive by people under 18 years old and those who can not operate, so as to avoid injury
- Make sure you are in good health and are not drinking alcohol or taking drugs. It is strictly prohibited to drive a motorcycle after drinking alcohol or taking drugs. Driving a motorcycle after drinking will prolong your reaction time and increase the chance of an accident. Neither you nor others should drive a motorcycle after drinking.
- Motorcycles should be display a valid license plates issued by relevant departments.
- Passengers and items shall be loaded in accordance with laws and regulations.
- They should wear reflective cycling clothes with bright colors to enhance the visibility at night, making it easier for other road users to see you and reducing the risk of accidents. When turning or changing lanes, you should observe oncoming vehicles from behind in advance and turn on the turn signals. If necessary, the horn should be honked to alert others.
- Ensure that you and your passenger wear nationally certified motorcycle helmets and protective clothing. Remind the passenger to hold the passenger armrest or drawstring tightly, place the feet on the foot pedal, and do not touch the muffler to avoid burns.
- Do not start the engine in a confined or semi-confined space. The exhaust gas from the engine contains carbon monoxide, which may cause poisoning to you or others, and may cause serious injury or death.
- Even if you have ridden other motorcycles, practice riding this motorcycle in a safe area to become familiar with its performance characteristics and adapt to riding it.
- Avoid abrupt handlebar operation or riding with one hand; always pay attention to riding safety.
- When riding in rainy and snowy days, the braking distance will be extended, so slow down and ride cautiously. Avoid riding in severe weather, such as heavy rain and strong winds.
- Always be aware of the vehicles around you and be prepared to brake or avoid at any time.
- When driving, never do anything beyond your personal ability, and do not exceed speed limits. It is prohibited to drive motorcycles for long periods of time to ensure you remain attentive while riding. Fatigue will reduce your reaction to special situations, which is not conducive to safe driving.
- In the event of an accident, first assess any injuries and determine whether you and the vehicle are fit to continue riding. If not, immediately contact emergency services for assistance. If the collision involves other people or vehicles, promptly contact the local traffic administration department for proper handling.
- When refueling, turn off the engine in advance and keep away from fire and flammable materials.

Vehicle Safety



- Follow the maintenance measures described in this manual to keep your motorcycle in good condition and extend its service life. Before each ride, inspect the motorcycle and complete the required maintenance and servicing.

1.1.2. Preparation and inspection before riding

Preparation before riding

Riding equipment is essential for safe and comfortable operation. Please make sure to wear certified and correct riding equipment based on the actual weather and road conditions when driving this vehicle.

- Helmets and eye protection

Wearing a helmet that meets safety and quality standards with certified by the country is the most important protective measure. Head injuries are the most severe injuries in motorcycle accidents. Please be sure to wear a safety helmet, and it is best to wear protective glasses.



Danger

- Not wearing a helmet greatly increases the risk of serious injury or death in a crash.
- Ordinary eyeglasses or sunglasses do not provide adequate eye protection for the driver, they may fly off or break and cause secondary injury, and they can not prevent wind and airborne objects from entering the eyes.
- Please do not wear dark lens goggles in poor light conditions, as this increases the risk of accidents due to poor visibility.

- Gloves

Gloves can effectively protect hands from wind, sunlight, heat, cold, and debris. Properly fitted gloves improve steering control and help reduce hand fatigue. It can also provide better protection for your hands in the event of an



Vehicle Safety

accident or rollover.

- Riding clothes

Wear protective, brightly colored tops and pants with minimal exposure of body parts, or a full set of cycling clothing.



Danger

Hypothermia is a condition in which the body temperature is too low, causing symptoms such as distractions, decreased responsiveness, and inability to move muscles smoothly and accurately, which can easily lead to accidents. Wear suitable protective equipment to prevent hypothermia when driving in cold regions or in adverse weather conditions.

- Riding boots

Wear protective and non-slip riding boots without laces.



Danger

It is recommended to wear comfortable protective boots that cover the toes and extend above the ankles, while not interfering with motorcycle control.

Inspection before riding

To ensure your safety and the safety of others, you are responsible for performing inspection before each riding and ensuring relevant issues are resolved before riding on the road.

Before riding, please check the following:

- Check that the power circuit and lighting are functioning properly;
- Check that the horn can sound normally;

- Check that the fuel level is sufficient for your intended ride;
- Check that the front and rear brakes are functioning properly;
- Check that the throttle handle rotates smoothly without sticking;
- Check that the engine stop switch is operating correctly;
- Check that the front and rear brake pads have not reached the wear limit;
- Check that the handlebars and front and rear wheels are properly tightened;
- Check that the pressure of the front and rear tires is within the standard value;
- Check tires for damage or abnormal bulges;
- Check that the front and rear reflectors are not damaged or contaminated;
- Check that the engine oil level is within the normal range;
- Check that the coolant level is within the normal range and there are no leaks;
- Check that the front and rear brake fluid and clutch fluid are within the normal range and there are no leaks;
- Check that the chain slack is within the normal range that the chain is not rusted. Clean and lubricate if necessary.
- Check that the operation of the clutch is normal;
- Check that the side stand shutdown switch can operate normally.

Vehicle Safety



1.2. Accessories and modifications

It is strongly recommended that you do not install any accessories other than those specifically designed by QJMOTOR for your motorcycle, nor make any modifications to its original design. This will lead to a decrease in motorcycle safety. Moreover, modifying motorcycles may void your warranty and may also prevent your motorcycle from legally driving on the road. Always consider safety and legal compliance when modifying your vehicle.

⚠ Danger Improperly installed accessories can cause a traffic accident, resulting in injury or death to you or others.

We recommend that you use genuine parts of QJMOTOR when replacing parts to ensure the safety and extend its service life.

1.3. Loading requirements

This motorcycle is designed to carry a maximum of two persons, including the rider.

Overloading or exceeding the weight limit will affect the maneuverability, braking performance and safety of the motorcycle. When carrying heavy loads, the driving speed must be kept within a safe range. The driver should improve his concentration.

Secure all the items and place them evenly and smoothly on the motorcycle to maintain the weight of the left and right loads consistent, and avoid rolling.

Do not carry items near the muffler and lighting system.

⚠ Danger Overloading or exceeding the weight limit may lead to traffic accidents and cause serious injuries and fatalities.

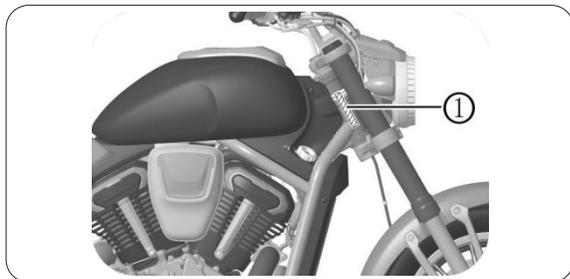


2. Technical parameters

2.1. Body information

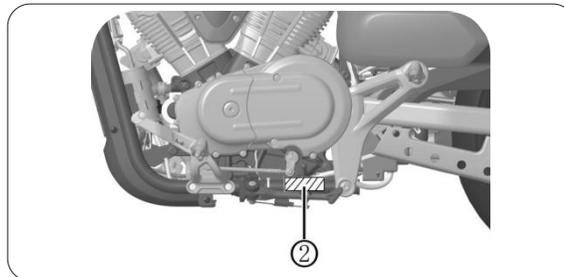
2.1.1. Frame number

Frame number is engraved on the right of the steering head tube at the location shown in illustration ①.



2.1.2. Vehicle nameplate

The vehicle identification label is affixed to the lower left side of the frame at the location shown in illustration ②.



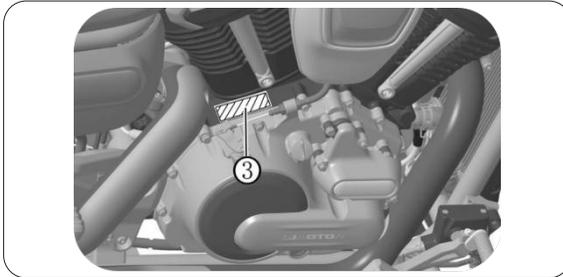
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Technical parameters



2.1.3. Engine number

The engine number is stamped on the upper right side of the engine crankcase at the location shown in illustration ③.



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2.2. Vehicle parameters

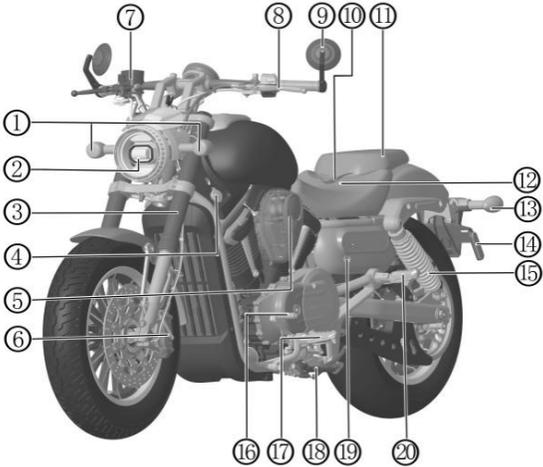
L x W x H (mm)	2230×820×1120
Wheelbase (mm)	1545
Curb weight (kg)	201
Maximum allowable load ^{*1} (kg)	384
Carrying capacity	2
Displacement (cm ³)	550
Bore×stroke (mm)	Φ70.5×70.5
Compression ratio	11.6:1
Maximum power (kW/rpm)	35.0/8000
Maximum torque (N·m/rpm)	53.0/6000
Front wheel specification	130/90-16
Rear wheel specification	180/65-16
Maximum speed (km/h)	160
Fuel tank capacity (L)	16

***1: Includes the driver, passenger, all luggage, and accessories.**



3. Driving Guide

3.1. Location of body components



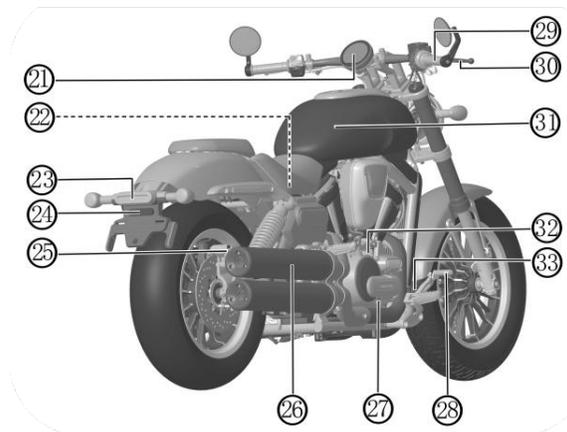
① Front turn signal light (left and right)	② Headlight, front position light	③ Front shock absorber
④ USB interface	⑤ Air filter	⑥ Front brake
⑦ Front brake fluid reservoir	⑧ Clutch handle	⑨ Rearview mirror (left and right)
⑩ Passenger armrest (drawstring)	⑪ Passenger seat cushion	⑫ Driver seat cushion
⑬ Rear turn signal light (left and right)	⑭ Side reflector (left and right)	⑮ Rear shock absorber (left and right)
⑯ Shift lever (left and right)	⑰ Driver footrests (left and right)	⑱ Side stand
⑲ Passenger seat cushion keyhole	⑳ Passenger footrests (left and right)	

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Driving Guide



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②① Instrument	②② Battery position	②③ Rear position light, brake light, rear license plate light	
②④ Rear reflector	②⑤ Rear brake	②⑥ Muffler	②⑦ Oil level inspection hole
②⑧ Rear brake pedal	②⑨ Throttle handle	③⑩ Front brake handle	③① Fuel tank
③② Engine oil filler	③③ Rear brake fluid reservoir		



3.2. Instrument indicator light



No.	Icon	Functions	Instruction
①		EFI fault light	When the motorcycle is powered on, the indicator is turned on and the oil pump operates for 3 seconds. Start the motorcycle during this period. If the indicator is turned off after the motorcycle starts, the motorcycle is functioning normally; If the indicator is turned on, a malfunction is present. Similarly, if the fault light is off during driving, the motorcycle runs normally. If it is on, the motorcycle has a fault and needs to be stopped for inspection. Please contact the QJMOTOR distribution department or Service Center for inspection in time.

Driving Guide



No.	Icon	Functions	Instruction
②		High beam	The indicator light is on when the high beam light is turned on.
③		Position light	The indicator light is on when the position light is turned on.
④		ABS alarm light	After the motorcycle is powered on, the ABS alarm light on the instrument will be on. If ABS alarm light will be off during riding, ABS is operating normally; If it is always on or flashes during driving, ABS is not working. Please contact the QJMOTOR distribution department or Service Center for inspection in time.
⑤		Water temperature alarm light	In case of high engine water temperature ($\geq 115^{\circ}\text{C}$), the red indicator will flash.
⑥		Left turn signal light	When the left turn signal light is turned on, the left turn signal indicator icon on the instrument will be illuminated.
⑦		Neutral indicator light	When the gear is shifted to the neutral position, the neutral indicator will be illuminated accordingly.
⑧		Right turn signal light	When the right turn signal light is turned on, the right turn signal indicator icon on the instrument will be illuminated.
⑨		Low fuel level alarm light	When the fuel level is 1 grid, the low fuel level alarm light on the instrument is on; When the fuel level is 0 grid, the low fuel level alarm light on the instrument flashes.
⑩		Low oil pressure alarm light	In case of low engine oil pressure, the low oil pressure alarm light will be displayed on the instrument.
⑪		Bluetooth connection indicator	The indicator will be illuminated when the instrument panel is connected to a user device via Bluetooth.



Driving Guide

No.	Icon	Functions	Instruction
⑫		TCS indicator	<p>Press and hold the TCS switch on the right handlebar for approximately 3–5 seconds, then release it to enable or disable the TCS (Traction Control System) function. When TCS is disabled the icon “” on the instrument turns off; When TCS is enabled, the icon “” illuminates.</p> <p>When the TCS is enabled and functioning normally, the icon “” remains on. When a malfunction occurs while driving, the icon “” keeps flashing. It is necessary to stop the motorcycle for inspection and promptly contact QJMOTOR dealership to check the motorcycle. When the TCS switch on the right handlebar is switched from off to on, the icon “” flashes for a few seconds and then stays on.</p> <p>When the motorcycle gets stuck in a mud pit, the drive wheels remain in an idle state. To ensure safety, the TCS function will be forcibly turned off after a certain period of time, and the icon “” will be displayed on the instrument in flashing state. Then TCS is returned to normal after the motorcycle is powered off and restarted.</p>
⑬		Incoming/outgoing call indicator	Incoming/outgoing call indicator is displayed after the instrument panel is connected to a mobile phone via Bluetooth.

Driving Guide



3.3. Instrument interface



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No.	Functions	Instruction
①	Trip display, Bluetooth name display	Odometer records the total mileage (TOTAL) and relative mileage (TRIP A, TRIP B) of the motorcycle. Relative mileage (TRIP A, TRIP B) can be cleared. The odometer unit can be set to kilometers (km) or miles (mile). Displays the Bluetooth name of the instrument panel.
②	Water temperature display	It indicates the water temperature of the engine. There are 6 bars in total to display. "C" indicates low temperature, and "H" indicates high temperature. When the water temperature is no less than 115°C, the water temperature alarm light will be on. Please stop or contact the QJMOTOR dealership for inspection.



Driving Guide

No.	Functions	Instruction
③	Engine tachometer	The tachometer indicates the speed of the engine, in units of 1,000 r/min.
④	Bluetooth simple navigation display	After Motorlink APP is successfully connected to the instrument panel via Bluetooth, simple navigation information will be transmitted from the App to the instrument panel. Display: toll gate, tunnel, service area, direction indication and distance. The instrument panel displays driving direction and distance. If an icon cannot be displayed by the instrument panel, the navigation icon area will appear blank. Regardless of whether the instrument is set to metric or imperial units, navigation distance is always displayed in metric units.
⑤	Gear display	It shows the current gear of the motorcycle, including 1, 2, 3, 4, 5, 6.
⑥	Time display	It indicates the current time. Adjust the time, if necessary. After the mobile phone is successfully connected, the time on the main interface is automatically synchronized via the network once per connection. After synchronization, the time can be adjusted using the buttons.
⑦	Engine red zone speed	The red zone indicates excessively high engine speed. Do not operate the motorcycle at this speed for prolonged periods.
⑧	Fuel level display	It indicates the fuel level in the fuel tank. When the tank is full, the fuel level is displayed with 6 bars. It indicates the fuel is insufficient when the level bar is closed to E, and indicates sufficient when closed to F. When the fuel is insufficient with the level displayed as 1 bar or less, the last bar will flash and the fuel alarm light will be illuminated.
⑨	Speedometer	Speedometer indicates the current driving speed. The speed unit can be set to kilometers per hour (km/h) or miles per hour (mph).

Driving Guide



3.4. Operating instructions of instrument

This model is equipped with a LCD multifunction instrument panel that allows you to view vehicle information and status. Various settings and operations can be performed using the ENTER (confirm) and SELECT buttons on the left handlebar. The specific operations are described below.



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3.4.1. Odometer Display, Bluetooth Name Display

Press and release the SELECT to switch among TOTAL, TRIP A, TRIP B, and Bluetooth Name.

On the TRIP A or TRIP B display screen, press and hold SELECT for several seconds to reset the current relative mileage to zero.

3.4.2. Clock setting

On the TOTAL trip display interface, press and hold the SELECT button for several seconds to enter the clock setting function. The first digit of the clock will flash. Press the ENTER button shortly to adjust the first digit. Then press the SELECT button shortly to move to the second digit, and press the ENTER button shortly to adjust the second digit. Adjust the third and fourth digits using the same method. After the time is set, press and hold the SELECT button for several seconds to exit, or the system will automatically exit if no operation is performed for a period of time.



3.4.3. Unit setting



Notice

After the mobile phone is successfully connected, the time on the main interface is automatically synchronized via the network once per connection. After synchronization, the time can be adjusted using the buttons.

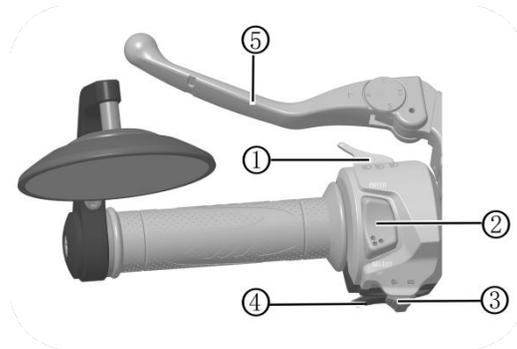
On the TOTAL trip display screen, press and release the ENTER button to switch the speedometer and odometer units between kilometers and miles.

3.4.4. Answering and ending calls

When the phone is connected to the instrument panel via Bluetooth, incoming and outgoing calls can be answered by pressing the SELECT button briefly or ended by pressing the ENTER button briefly.



3.5. Left handle combination switch/controls



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No.	Name	Functional description
①	Headlight switch/High beam flashing switch	Move the switch to “  ” position to turn on the high beam, and the high beam indicator on the instrument panel will also illuminate. Move the switch to “  ” position to turn on the low beam. Press repeatedly(): High beam flashes.
②	Instrument adjustment button	Refer to aforementioned “3.4 Instrument Operation Instructions” for details.

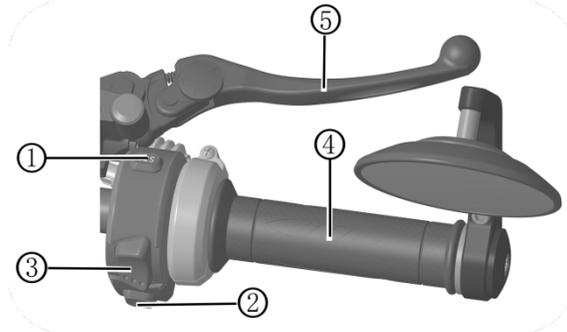


Driving Guide

No.	Name	Functional description
③	Turn signal light switch button	<p>Move the turn signal light switch to “←” or “→” position, and the left or right turn signal light will flash. At the same time, the turn signal indicator on the instrument will flash in green accordingly. To deactivate the turn signal, move the turn signal light switch to the middle or press the switch downwards.</p> <p> Warning When changing lanes or turning, turn on the turn signal light in advance and make sure there is no passing vehicle behind. After changing lanes or turning, turn off the turn signal light in time so as not to affect the normal driving of other vehicles and avoid accidents.</p>
④	Horn switch button	<p>Press the horn switch button “<p>EN</p></p>



3.6. Right handle combination switch/controls



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No.	Name	Functional description
①	TCS switch	Press and hold the “TCS” switch for approximately 3–5 seconds, then release it to enable or disable the TCS function. When TCS is enabled, the TCS indicator light will appear on the instrument panel; when TCS is disabled, the indicator light will turn off.
②	Hazard warning light button	Press the hazard warning light button “  ” and the front and rear turn signal lights flash simultaneously to remind the surrounding vehicles and pedestrians of the danger. Press the button again to turn off the hazard warning light.

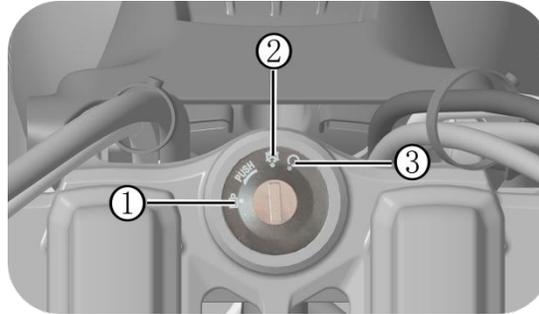


Driving Guide

No.	Name	Functional description
③	Stop/start switch	<p>When the switch is moved to the “” position, the motorcycle is powered off, and the engine cannot be started.</p> <p>When the switch is moved to the “” position, the motorcycle is powered on and the engine can be started.</p> <p>After the switch is placed at the “” position, retract the side stand, engage the transmission at neutral position, and press the electric start button “”, then the electric motor will run to start the engine.</p> <p> Warning If the engine cannot be started within 5 seconds, turn the ignition switch to the “” (OFF) position. Wait for 10 seconds until the battery voltage is restored. Then, re-start the engine. If the engine fails to start after several attempts, contact the QJMOTOR service center for inspection.</p>
④	Throttle handle	The throttle handle is used to control the engine speed. Turn the handle inward to accelerate, and release it to decelerate.
⑤	Front brake handle	During front braking, hold the brake handle slowly to achieve front wheel braking for deceleration. When the brake handle is hold tightly, the brake light will be turned on.



3.7. Main power switch



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No.	Name	Functional description
①	“  ” position	When the key is turned to the “  ” position, turn the steering handlebar to the left, press the key downwards and rotate it counterclockwise to the “  ” position. The steering lock pin will extend to lock the motorcycle steering, and the key can be removed.
②	“  ” position	When the key is turned to the “  ” position, the power supply is cut off, the engine cannot be started, and the key can be removed.
③	“  ” position	When the key is turned to the “  ” position, the power is on, the engine can be started, and the key cannot be removed.



3.8. ABS (anti-lock braking system)

This motorcycle is equipped with ABS (anti-lock braking system), which can prevent the tire from locking and prevent the brake from locking during emergency braking.

- This system does not reduce the braking distance. In some cases, the anti-lock braking system may result in longer braking distances.
- During normal riding, if the ABS fault light is illuminated on the instrument, the anti-lock braking system does not work at this time.
- It is normal that the front brake handle and the rear brake pedal may rebound when the anti-lock braking system is activated.
- Use the recommended front/rear tires and sprockets to ensure the operation of the anti-lock braking system.

3.9. Traction control system

When riding on slippery road surfaces, motorcycles not equipped with TCS may experience drive-wheel slip during acceleration. This can lead to rear-wheel fishtailing, making it difficult for the rider to maintain balance and potentially causing a fall.

The EMS EFI system relies on the ABS signal. When it detects that the speed of the driving wheel is greater than that of the non-driving wheel (which is the characteristic of slip), it will reduce the engine output torque by adjusting the ignition timing and reducing the throttle opening, so that the wheels will no longer slip.

Driving Guide



3.10. Starting/Stopping the motorcycle

Starting the motorcycle

Regardless of whether the engine is hot or cold, please follow the following steps to start the motorcycle.

1. Check that the engine start/stop switch is in the “○” position.
2. Insert the key into the keyhole and rotate it to “○” position.
3. Check that the engine gear is in neutral gear (N) and the neutral indicator is illuminated. If not, shift to neutral.
4. Retract the side stand, press the electric start button, then release it immediately after the engine is started.
5. When the engine speed is stable, hold the clutch handle tightly and shift into 1st gear.
6. Turn on the left turn signal light, observe the front and rear environment to meet the riding conditions, gradually release the clutch handle, and gently rotate the throttle handle.
7. Once the motorcycle has merged safely into the traffic lane and run normally, turn off the left turn signal.



Notice

- If the engine fails to start within 5 seconds, please turn off the vehicle power supply and wait for 10 seconds. After the battery voltage is restored, repeat the previous operation to start the engine. It is prohibited to press the electric start button for a long time, as this may cause the battery to lose power and damage the starter motor.
- The engine and exhaust system components such as the muffler will be damaged if the engine is idling at high speed and rotating at high speed for a long time.

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Stopping the motorcycle

1. Turn on the right turn signal in advance, observe the side and rear vehicles and pedestrians, and judge whether the parking conditions are met.
2. Reduce the speed, and downshift using the clutch handle, release the accelerator handle and slowly hold the front brake handle or step down the rear brake pedal.
3. Park in a safe area after confirming safety.
4. After a steady stop, turn the start/stop switch to the "⊗" position, and turn off the right turn signal and the main power.
5. Deploy the side stand, get off from the left side of the motorcycle, and park the motorcycle on the flat and hard ground using the side stand.

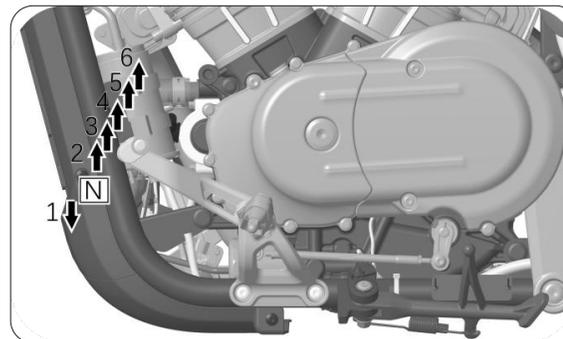


Notice

- Do not park in an area that interferes with the driving or walking of others.
- Before leaving, please ensure that the power supply of the vehicle has been turned off, and carry the key with you to avoid property damage caused by other people's operation of the vehicle.

3.11. Shift

There are 6 speed gears for this motorcycle, and the neutral is located between 1st and 2nd gear. Shifting is performed by pressing down to select 1st gear and lifting upward to shift through the higher five gears. Correct shift method: Hold the clutch handle firmly and turn off the throttle while operating the shift lever.



Driving Guide



3.12. Filling with gasoline

1. After stopping the motorcycle and turning off the engine, open the dust cap of the fuel tank and open the fuel tank cap with the key.
2. The gasoline fill level should never exceed the bottom of the filler neck.
3. After refueling, close the fuel tank cap and press it tightly. After hearing a "click", gently lift it up to confirm that the fuel tank cap has been closed. Pull out the key and cover the dust cap of the fuel tank.

Fuel type: Unleaded gasoline, 92 and above recommended



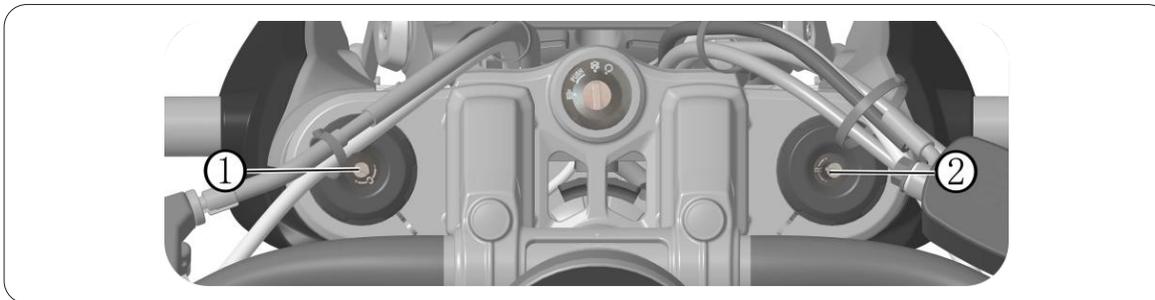
Danger

- Gasoline is flammable and explosive. Improper filling method may cause fire, resulting in property damage and casualties.
- In the process of refueling, the engine must be shut down and kept away from fire sources and sparks.
- In case of spillage, wipe immediately.

EN



3.13. Front shock absorber damping adjustment



EN

Adjustment location	Adjustment method	Increase	Decrease	Maximum turns	Factory setting
Left: Compression damping adjustment lever ①	Flat-head screwdriver	Clockwise	Counterclockwise	4	2.75
Right: Rebound damping adjustment lever ②	Flat-head screwdriver	Clockwise	Counterclockwise	4	2.75

Factory compression damping setting: Turn adjustment lever ① clockwise until it stops with a flat-head screwdriver, then turn it counterclockwise 2.75 turns.
 Factory rebound damping setting: Turn adjustment lever ② clockwise until it stops with a flat-head screwdriver, then turn it counterclockwise 2.75 turns.

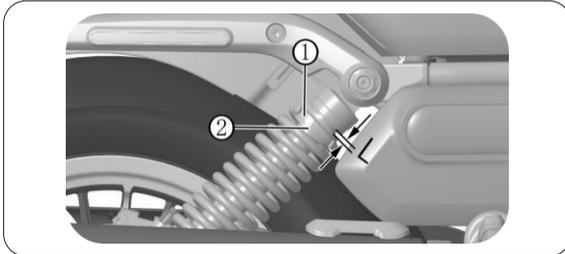
⚠ Danger Do not turn the adjuster beyond limit to avoid damage the shock absorber.

Driving Guide



3.14. Rear shock absorber preload adjustment

The rear shock absorber preload can be adjusted by rotating the rear shock absorber fixing nut ① and the adjusting nut ②, allowing adjustment of the rear shock absorber stiffness. Preload adjustment limits: The distance L between the fixing nut and the upper seat of the rear shock absorber must be between 6–18 mm.



Warning

Both left and right rear shock absorbers must be adjusted to the same position.

3.15. Wireless receiver parameters

Equipment catalog: General micropower class A equipment
Bluetooth frequency band: 2402MHz ~ 2480MHz
Operating temperature: -40°C ~ +85°C
Operating voltage: 3.3V
Antenna type: FPC
Application scenario: For motorcycle



4. Maintenance

4.1. Maintenance instructions

4.1.1. Importance of maintenance

To ensure the safety and comfortable driving experience of motorcycle users, please conduct regular inspections according to the instructions in the maintenance schedule based on your motorcycle's usage. Performing maintenance is the responsibility of the owner. Be sure to check before each ride and follow the maintenance schedule for regular inspections.



Warning

Failure to carry out normal maintenance or correct troubleshooting before riding may cause accidents, resulting in injury or even death.

4.1.2. Importance of maintenance

Please read the manual carefully before each maintenance to ensure that you have the corresponding tools and maintenance and inspection skills.

Please observe the following instructions during maintenance:

- Turn off the engine and remove the key.
- Use a special motorcycle stand to support the motorcycle on a flat and stable surface.
- Before maintenance, please confirm that the brake, muffler, engine and other heating parts are cooled before operation, otherwise it may cause burns
- If the engine needs to be started under special circumstances, it needs to be started in a well-ventilated place, otherwise it may cause poisoning.

Maintenance should be performed by properly trained professionals equipped with the necessary tools and equipment. It is not recommended for the owner to perform maintenance themselves.

Maintenance



4.2. Maintenance schedule

The table below shows the scheduled maintenance intervals based on mileage (km). At the end of each period, inspection, check, lubrication and specified maintenance must be carried out in accordance with the specified methods. The steering gear system, support and wheel system are critical components, requiring careful repair by skilled personnel. For safety, it is recommended to have inspections and maintenance performed by authorized dealers or certified technicians.

I: Check, clean, adjust, lubricate or replace if necessary C: Clean R: Replace A: Adjust L: Lubricate

Content Maintenance item		Interval	Maintenance mileage Remark	Odometer reading (Note 2)					
				1000km	4000km	7000km	10000km	13000km	16000km
*	Fuel pipeline			I	I	I	I	I	I
*	Throttle operation			I	I	I	I	I	I
**	Air filter		Note 1	I	I	R	I	R	I
**	Spark plug			I	Every 10,000 km or every 2 years: R				
**	Valve clearance			Every 25000km: I					
	Engine oil			R	Every 3000km: R				
**	Oil filter			R	Every 6000km: R				
**	Cooling system			I	I	I	I	I	I
*	Belt		Note 3	I	I, A	I	I, A	I	I, A
	Brake pad wear				I	I	I	I	I

EN



Maintenance

Content Maintenance item		Interval	Maintenance mileage	Odometer reading (Note 2)					
		Remark		1000km	4000km	7000km	10000km	13000km	16000km
**	Brake system			I, A	I, A	I, A	I, A	I, A	I, A
	Brake fluid					I	I	I	I
**	Replacement of brake fluid	Replace once every two years							
	Headlight beam adjustment			I	I	I	I	I	
	Clutch unit			I	I	I	I	I	
	Side stand			I	I	I	I	I	
*	Shock absorber system			I	I	I	I	I	
*	Nut, bolt and fastener	Note 3		I	I	I	I	I	
**	Wheels/Rim	Note 3		I	I	I	I	I	
**	Steering gear			I		I			

* Inspection must be carried out by the dealer: The owner must provide qualified tools and inspection documents, and maintenance must be performed by a certified mechanic. If self-maintained, refer to the repair manual.

** For this item, we suggest that it should be serviced by the authorized dealers to ensure safety.

Note:

1. Motorcycles used in dusty areas should be inspected and repaired more frequently. Especially for the air filter, the maintenance interval should be shortened. The first maintenance is based on 500km, and it is recommended to clean/wash the air filter every 1,000km.
2. If the odometer reading exceeds this value, repeat the schedule shown in this table for continuous inspection.
3. If the motorcycle is often ride on rough and uneven roads or under other harsh conditions, please service it frequently to maintain the good performance of the motorcycle.

Maintenance



4.3. Battery

The battery equipped for this motorcycle is a valve-regulated wet-load maintenance-free battery. It is strictly prohibited to pry open the casing. No electrolyte addition is required before or during use. If the positive and negative battery terminals are dirty or corroded, clean the battery terminals. Do not remove the battery sealing cover. It is not necessary to remove it during charging.



Notice

- If the battery sealing cover strip is removed, the battery will be irreparably damaged.
- Improper handling of batteries is hazardous to human health and the environment. If the battery is scrapped, have it recycled by an authorized dealer; do not dispose of it yourself.

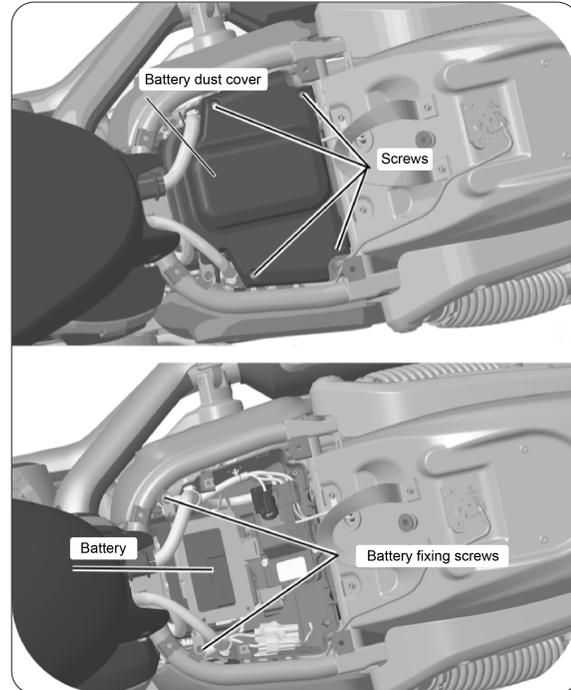
Read and follow the precautions below before operation:

1. Before first use, detect the battery terminal voltage. If the voltage is less than 12.6V, charge as follows: charging voltage $14.5 \pm 0.02V$, maximum charging current 11.2A, continue charging until the current drops to 0.2A (or charging with a special after-sales charger). If the temperature of the battery is higher than 45°C during the charging process, charging should be stopped immediately and recharged after the temperature drops.
2. Red terminal is positive (+) and black terminal is negative (-). When connecting, turn off the power supply and connect the positive electrode first and then the negative electrode; when disconnecting, remove the negative terminal first, then the positive terminal.
3. Charging system check: After starting the motorcycle, a battery voltage between 13.5 V and 14.7 V indicates a normal charging system.
4. Motorcycle leakage current detection: With the motorcycle power off, connect a multimeter (current range) in series with either the positive or negative terminal. A current below 3 mA indicates no abnormal circuit leakage.
5. When the motorcycle is not used for a long period of time, charge the battery once a month, or remove and store it separately, and conduct a voltage test once every three months. If the voltage drops below 12.6 V, recharge it. Do not store the battery in a discharged state.
6. If the vehicle remains unpaired for an extended period, the battery may become discharged.



Cleaning the positive and negative battery terminal

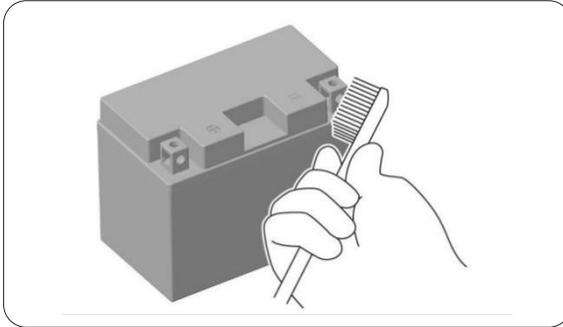
1. Turn off the power switch of the motorcycle.
2. Remove the driver seat cushion.
- Remove the driver seat cushion bolt to take out the driver seat cushion.
3. Remove the screws to remove the battery dust cover.
4. Remove the battery fixing straps.
5. Remove the negative terminal (-) screw and then the positive (+) one.
6. Take out the battery gently and install the battery in the reverse order.
7. Clean and polish the positive and negative terminals with a wire brush or sandpaper.



Maintenance



8. After cleaning, assemble the battery and the driver seat cushion as described above.



Danger

- When reinstalling the battery, make sure that the battery leads are connected correctly. If the battery wires are connected reversely, the circuit system and the battery itself will be damaged. The red line must be connected to the positive terminal (+) and the black line must be connected to the negative terminal (-).
- Be sure to turn off the power switch (key) when checking or replacing the battery.
- Connect the red wire to the positive terminal and the black wire to the negative terminal.

Seek immediate medical attention if any of the following conditions occur:

- Electrolyte splashes into the eye
Solution: Wash your eyes repeatedly with clean, cold water for at least 15 minutes.
- Electrolyte splashes on skin
Solution: Remove contaminated clothing and wash skin immediately with clean, cold water.
- Electrolyte enters mouth
Solution: Rinse your mouth repeatedly with clean cold water. Do not swallow.

When replacing the battery, confirm the motorcycle model and ensure the new battery matches the original battery model. The battery specifications are designed for optimal compatibility with the motorcycle. If a different battery model is used, it may affect the performance and life of the motorcycle, and may cause circuit failure.

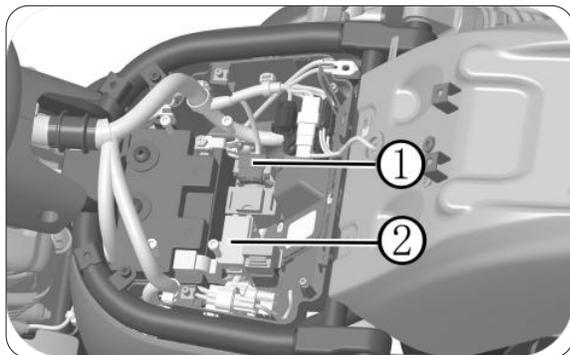
The battery has a limited service life. Replace it at an authorized service center when necessary. Dispose of used batteries through an authorized recycling facility.



4.4. Fuse

The fuse can protect the circuit and parts on your motorcycle from damage due to overcurrent. If some parts of your motorcycle do not work, please check whether the fuse is blown.

If the fuse is repeatedly blown, there may be a problem with other parts of the motorcycle. Please send it to the designated service center for repair.

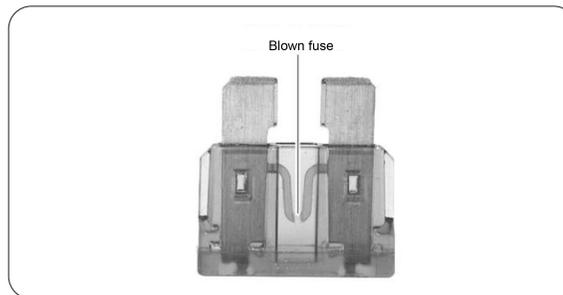


Inspection and replacement of fuses

Turn off the power, remove and check the fuse. If the fuse is blown, replace it with one of the same rating.

The detailed steps are as follows:

1. Remove the driver seat cushion.
2. Open the fuse block cover.
3. Use the fuse puller to remove and inspect each fuse.
Locate the blown fuse, and replace it with a spare fuse of the same specification and model.



Notice

Replacing a fuse with one of a different rating will increase the probability of motorcycle damage.

Maintenance

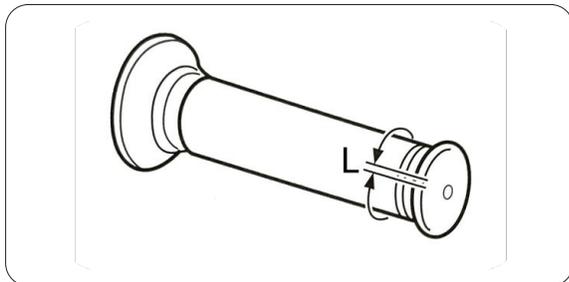


4.5. Throttle handle

Please turn off the engine first before checking the free stroke of the throttle handle. Turn the throttle handle, and make sure that it smoothly moves from fully closed to fully open in all handlebar positions, returns smoothly without sticking, and that the free stroke is accurate.

If the operation of the throttle handle is not smooth, the free stroke is not within the standard value, or the throttle handle cable is damaged, please send it to the designated service center for repair and replacement in time.

Throttle handlebar free stroke L: 2-6 mm

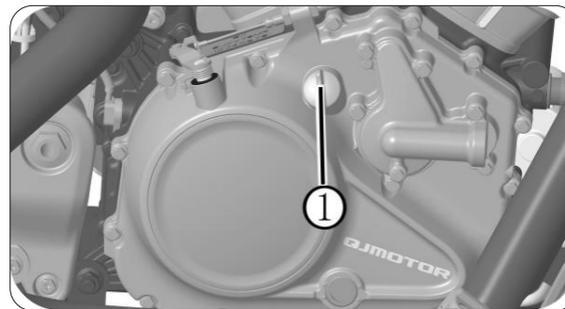


4.6. Engine oil addition

If the engine oil is below or close to the lower oil level mark, please add engine oil.

Engine oil type: SN 15W-50

1. Remove oil filler cap ①.
2. Fill a proper amount of engine oil that meets the model requirements, and check whether the oil volume is within a reasonable range after filling. Tighten the oil filler cap after confirmation.



EN



If the engine oil is found to be deteriorated or has reached its maintenance interval, please go to the designated service center for new oil addition.

Engine oil capacity: 3.2 L

Notice

- Do not fill above the maximum oil level mark.
- When removing the dipstick, be careful not to let foreign objects enter the engine.
- Dispose of used oil at authorized service centers and do not handle it yourself.
- Wipe off any spilled oil.

Warning

- Overfilling or underfilling engine oil may damage the engine.
- Do not mix oils of different brands or grades, as this may affect engine performance.

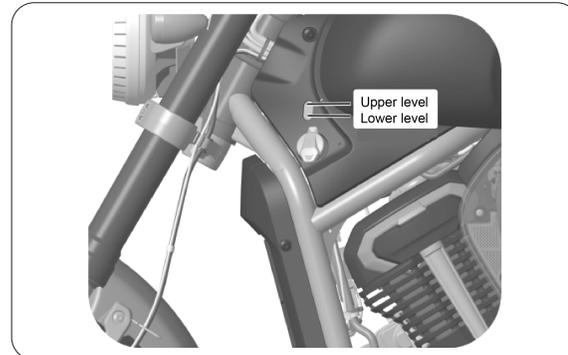
4.7. Coolant

4.7.1. Coolant inspection

Turn off the engine and check the coolant level in the reservoir when the engine temperature has cooled to room temperature.

1. Place the motorcycle on a flat, firm, level surface.
2. Keep the motorcycle upright.
3. Check that coolant level in the reservoir at the front left side of the vehicle to ensure it is sufficient.

If the coolant level drops significantly or there is no coolant, there may be damage in the cooling system. Do not ride the motorcycle in this condition, and take it to the designated service center for repair in time.



EN

Maintenance



4.7.2. Coolant addition

Coolant type: glycol-based engine coolant. Use only the original factory antifreeze coolant. The use of other coolant/ mixtures that do not meet the requirements can cause damage to the engine.

The new motorcycle is delivered with coolant already filled. Check the coolant level in the coolant reservoir during maintenance.

When the coolant becomes turbid or reaches the maintenance interval, please replace it in time.

1. Remove the reservoir cover to add coolant and observe the level.
2. Put the reservoir cover back.



Notice

- Do not fill above the upper level mark.
- Do not allow foreign objects to enter the coolant circulation system.
- Use the genuine antifreeze coolant. The use of other coolant that does not meet the requirements may cause damage to the engine.



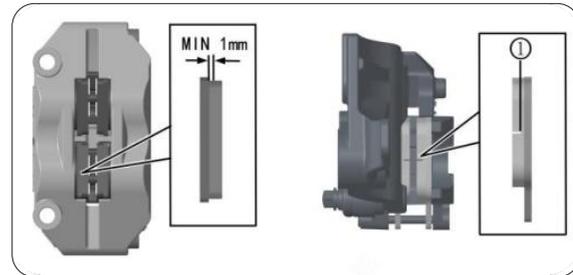
Warning

Do not open the radiator cap until the engine temperature has cooled to room temperature. Otherwise, hot gases or liquids may spray out and cause burns.

4.8. Brake friction plate

Check friction plate in front and rear brake calipers for wear. The front friction plate has wear-limit groove mark. Check whether the front friction plate is worn to the bottom of the groove mark. If it exceeds the bottom of the wear groove mark, both left and right friction plates need to be replaced simultaneously.

The rear friction plate limit thickness is 1 mm. If the rear friction plate is worn to this limit, replace both left and right plates simultaneously.



Notice

Always inspect all brakes and have them inspected by a designated service center if necessary.

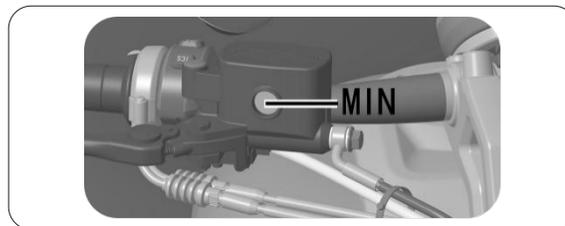


Danger

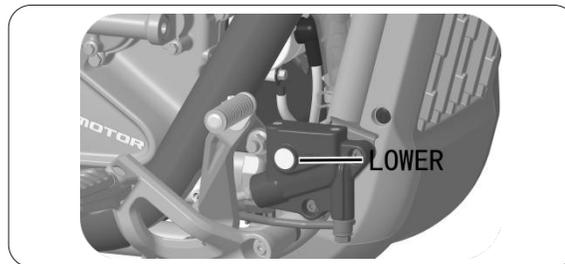
- If the friction plate is not replaced in time, the braking distance will be extended or ineffective, which may lead to accidents or injuries or even death.
- Be sure to replace the left and right friction plates simultaneously.

4.9. Brake fluid

1. Park the motorcycle on a firm, level surface.
2. Check that the brake fluid level in the front brake fluid upper pump reservoir is level and above the MIN mark.



3. Check that the brake fluid level in the rear brake fluid reservoir is within the proper range and above the MIN or LOWER mark.



Maintenance



If either the front or rear brake fluid is below the lower level mark, please check for excessive wear on the disc brake pads or brake discs, and check if the free stroke of the brake handle exceeds the limit, and if there is any damage or leakage in the brake system. Please send it to the designated repair center for repair and inspection in time.

Recommended brake fluid: DOT 4



Danger

Failure to refill brake fluid in time may reduce braking performance or cause brake failure, potentially resulting in serious injury or death.



Warning

Brake fluid can damage plastic and painted surfaces. If spilled, clean it immediately.

4.10. Transmission belt and pulleys

4.10.1. Inspection of the transmission belt

The belt must be checked regularly. Frequent inspection for the belt are more necessary if you frequently drive on poor road conditions or repeatedly accelerate and decelerate quickly and sharply.

Check the belt for abnormalities such as breakage, damage, foreign objects in the belt groove, or excessive wear. If the above problems occur, please stop riding immediately and send them to the designated repair shop for inspection and repair in time.

When replacing the belt or other accessories, it is recommended to use the genuine accessories specified by QJMOTOR.



Notice

- Belts shall be kept away from heat.
- Keep away from ozone generating devices.
- Keep away from volatile solvents or other chemicals to prevent corrosion of the belt.
- It is strictly prohibited to excessively bend, twist, reverse and bind the belt.



4.10.2. Belt tightness inspection

1. Park the motorcycle on a flat and firm surface with side stand.
2. Align the sonic belt tension tester sensor with the belt.
3. Tap the belt lightly with a screwdriver or other metal rod to measure and record the belt vibration frequency.
4. Rotate the rear wheel to measure the belt at different positions once, calculate the average value of the readings, and check that the average frequency value is within the acceptable range.

Proper belt vibration frequency range: 67–73 Hz

Warning

- If the measured value is not within the acceptable range, please stop riding and send it to the designated repair shop for inspection and adjustment in time.
- A belt that is too loose or too tight may cause transmission issues and pose a safety risk. Have it inspected and adjusted regularly at an authorized service center.

4.10.3. Pulley inspection

Check the front and rear pulleys at the same time. Rotate the front and rear pulleys; there should be no shaking. Operation should be smooth, quiet, consistent, and free-spinning. There is no abnormal vibration and sound. During engine startup and operation, the belt should not slip or jump off.

There is no foreign matter or damage in the tooth clearance of the belt pulley.



Notice

Using a new belt on a worn pulley will accelerate the wear of the belt.

Maintenance



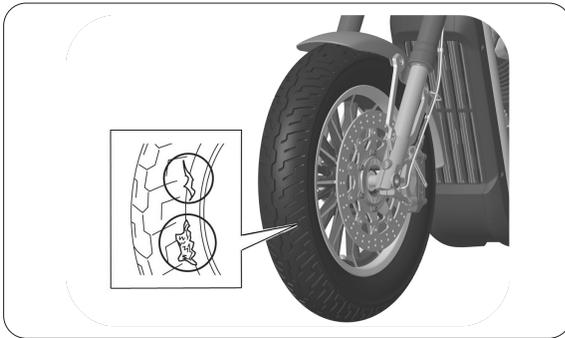
4.11. Tire

4.11.1. Tire pressure inspection

Measure the tire pressure with a pressure gauge at least once a month or whenever you feel the tire pressure is low. Wait until the tires have cooled to ambient temperature before measuring.

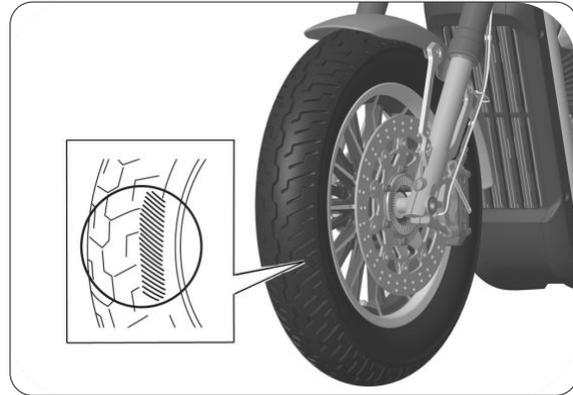
4.11.2. Damage inspection

Inspect the tire for cuts, cracks, exposed fabric, tire threads, embedded nails, or other foreign objects in the sidewall or tread. Also check the tire sidewall for bulges or expansion.



4.11.3. Inspection for abnormal wear

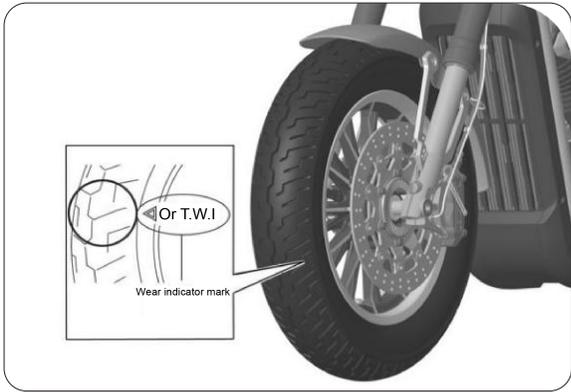
Check the tire tread for abnormal wear on the contact surface.





4.11.4. Tread depth inspection

Check the tread wear indicator marks. If the tire is worn to the indicator mark, replace the tire immediately.



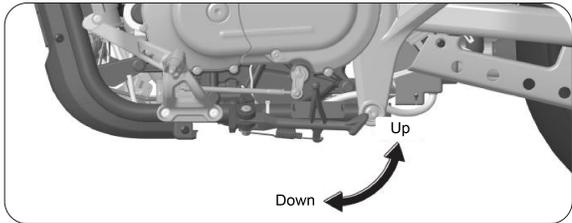
⚠ Danger

- Using excessively worn tires or tires with incorrect pressure can lead to traffic accidents, causing injury or even death.
- After replacing with new tires, have the wheel balance checked at an authorized service center.

4.12. Side stand

This motorcycle is equipped with a side stand shutdown switch. The engine can start and run normally when in neutral. When the motorcycle is in any gear other than neutral, and the side stand is down, the engine will not start or will stall during operation.

1. Check that the side stand can be retracted and deployed freely. If there are any abnormal noises or sticking during the operation of the side stand, clean and lubricate the area of the pivot area.
2. Check that the side stand spring for damage or loss of elasticity.
3. Sit on the motorcycle, turn on the power, and retract the side stand.
4. Start the engine, hold the clutch handle tightly and shift to first gear.
5. When the side stand is lowered, the engine should stop immediately. If the engine does not stop, please send it to the designated repair center for repair and inspection.



Maintenance



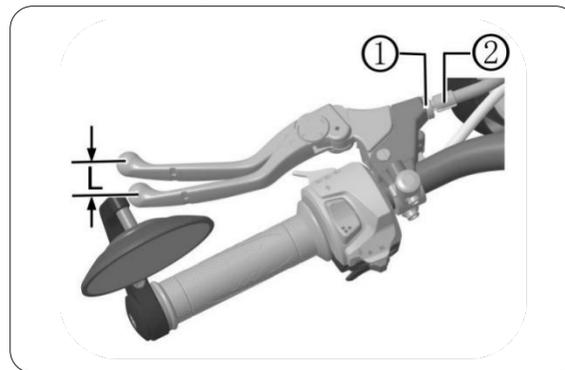
⚠ Notice The engine cannot start when the side stand is down and the gear is not in neutral.

⚠ Danger Do not lower the side stand while riding. Otherwise, the engine will stall, causing loss of power, which may cause serious injury or even death.

4.13. Clearance adjustment between clutch handle and handlebar

Check the free stroke of the clutch handle: 10-20 mm
If the free stroke is not within the specified range, please adjust it in time.

Refer to the following illustration:



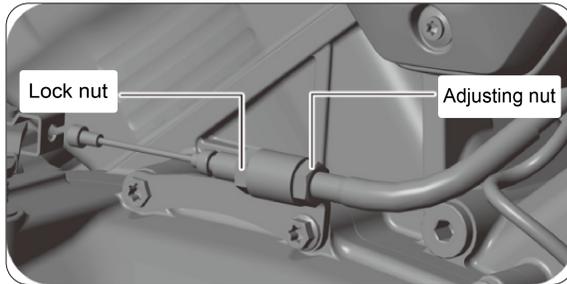
⚠ Notice Free stroke out of range may cause damage to the clutch.



Lower end adjustment

If the clutch free stroke is not within the specified range, try to adjust the clutch handle free stroke using the lower end adjustment method.

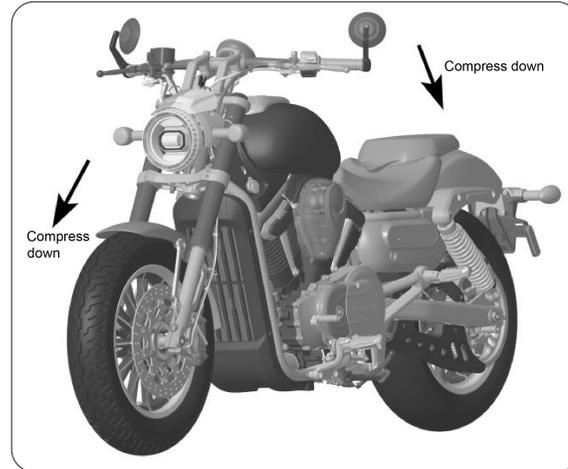
1. Loosen the lower lock nut and use a tool to rotate the lower adjusting nut until the free stroke of the clutch handle reaches the qualified free stroke.
2. Tighten the lower lock nut.



4.14. Inspection of shock absorber

Inspect the front and rear shock absorbers for damage, cracks, or other defects; replace parts if necessary. Clean the dust and mud from the front and rear shock absorbers.

Compress the front and rear shock absorbers downwards and check that they rebound properly.



5. Other Information



5.1. Motorcycle maintenance

5.1.1. Motorcycle cleaning

Regularly keeping the motorcycle clean not only maintains its good condition but also helps identify the faults that are easy to ignore at ordinary times, extending the service life of the motorcycle.

1. Wait until the engine, radiator, muffler, front and rear brakes and other hot parts have cooled to ambient temperature before cleaning.
2. If necessary, remove dirt with a sponge or soft towel dipped in a soft cleaner. Take special care when cleaning headlight lenses, panels, and other plastic components to prevent scratches and prevent water from entering electrical components and the air filter.
3. After washing the surface of the motorcycle, wipe it clean with a clean soft cloth.
4. Wax the plastic exterior parts and lubricate chain and other moving parts with lubricating oil to prevent corrosion.



Notice

- Do not use a high-pressure washer for cleaning.
- Do not rinse the muffler with water to prevent water from entering the interior.
- After cleaning, intermittently apply the front and rear brakes at low speed to help dry the brakes quickly.
- Do not rinse the air filter directly with water, as this may cause water ingress and engine damage.
- Do not wash the underside of the seat cushion directly with water, as this may result in a short circuit of the electrical components.
- Do not apply wax to tires, brakes, and matte paint surfaces.
- Wash the motorcycle with cold water immediately after riding on roads with high salt content or near the sea. Do not use warm water for cleaning, as it will accelerate the salt-related chemical reaction and corrosion.



5.1.2. Motorcycle storage

If storing the motorcycle outdoors, consider using a full-body motorcycle cover.

If the motorcycle will not be used for an extended period, follow these guidelines:

1. Regularly lubricate the drive chain.
 2. Clean the motorcycle and wax all painted surfaces.
 3. Place the motorcycle on the lifting tool and lift it with a wooden block so that both tires are off the ground at the same time.
 4. After rain, remove the body cover and dry the motorcycle.
 5. Remove the battery to prevent discharge.
- After a long period of storage, perform all inspections listed in the maintenance schedule before riding.

5.1.3. Transportation

If transportation is required, use a motorcycle-specific trailer, or a flatbed truck or trailer with a loading platform, lifting platform, and straps. Do not allow the wheels to touch the ground when towing.



Warning

Forcibly dragging the motorcycle will cause damage to the transmission components.

5.2. Environmental protection

5.2.1. Use of environmentally friendly cleaning agents

It is recommended to use biodegradable detergents when cleaning the motorcycle. Avoid using detergents containing chlorofluorocarbons, as they damage the ozone layer in the atmosphere.

5.2.2. Waste disposal

In order to protect the natural environment (atmosphere, water and soil), we should consciously abide by the following practices:

1. Wash the motorcycle at a designated wash facilities to prevent oily sewage from entering the soil.
2. Do not dispose of the following waste as regular garbage. They should be handed over to designated service center for proper disposal at a certified recycling facility.

Waste items include:

- Engine oil, oily rags, gloves, waste parts (tires, cables, bearings, gears, etc.);
- Empty containers of shock absorber fluid, brake fluid, rust remover, carburetor cleaner, brake system cleaner, self-spray paint, etc.;
- Do not dispose of waste fluids such as brake fluid; deliver them to an authorized service center for proper handling;
- Do not discard used batteries; they must be handled by an authorized service center.

Other Information



5.3. Muffler catalytic converter

This motorcycle complies with Euro V+ motorcycle emission standards.

Three-way catalytic converter is the most important purification device installed in the motorcycle exhaust system. When the hot exhaust of the motorcycle passes through the purification device, the purifying agent in the three-way catalytic converter increase the reactivity of carbon monoxide, hydrocarbons, and nitrogen oxides, promoting a series of oxidation–reduction reactions. Carbon monoxide is oxidized at high temperatures into colorless and non-toxic carbon dioxide; hydrocarbons are oxidized into water and carbon dioxide; and nitrogen oxides are reduced to nitrogen and oxygen. These processes convert the three harmful gases into harmless ones, thereby purifying the motorcycle exhaust. A faulty catalytic converter can cause exhaust conversion failure and damage engine performance. When replacing the muffler, always use a genuine QJMOTOR mufflers.

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