

USER MANUAL
MANUAL DEL USUARIO
MANUALE UTENTE
SRK 125 S

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EN

SRK 125 S 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 SRK 125 S EFI two-wheeled motorcycle. This type of motorcycle is produced based worldwide advanced technology and will provide you with extremely happy and safe riding. Although driving a motorcycle is one of the most inspiring sports, you should be fully familiar with the rules and requirements mentioned in the instructions for operation and maintenance before driving.

This manual describes the routine repair and maintenance of motorcycles. Following the instructions in this manual will ensure your motorcycle's maximum performance and durability.

The QJMOTOR service center can provide you with excellent technical services. QJMOTOR will be in persistent pursuit of “making consumers more satisfied”. Please understand that any modification of the vehicle exterior and structure will result in the mismatch of some information between this manual and actual vehicles due to the continuous improvement of product quality and performance. The illustrations in this manual are for reference only. Detailed information is subject to the final product.

Important Information

1. Drivers and passengers

This motorcycle is designed to be used by only one driver and one passenger.

2. Road conditions for driving

This motorcycle is designed to ride on the road.

3. Please read this owner's manual carefully. Running-in as required enables the motorcycle to run stably at excellent performance.

Please pay attention to the critical safety information in a variety of forms, including:



Warning

It indicates that failure to follow the instructions may result in personal injury or even death.



Caution

It indicates that failure to follow the instructions may result in personal injury or equipment damage.



Notice

Information to help you better use your vehicle.

This manual should be considered a permanent part of the vehicle. Even when transferring the motorcycle to others, please hand this owner's manual over to the new owner. No part of this publication may be reproduced without written permission of QJMOTOR.

Special Reminding

The main fuse is located under the passenger seat cushion.

Fuse specification: 25A for mains.

A blown fuse is generally caused by a fault in the internal circuit of the motorcycle. Before replacing the fuse, you should determine the condition of the whole vehicle. If it is still blown after the spare fuse is replaced, you should immediately send the vehicle to the local QJMOTOR service center for inspection. You can ride it after troubleshooting.

Precautions:

- When installing or replacing the battery for the first time, pay attention to the positive and negative terminals. If there is a reverse connection, check that the fuse is in good condition. However, you should send it to the maintenance center for inspection

regardless of whether the fuse is in good condition to prevent some electrical components from being damaged due to reverse connection of the battery. If the damaged components continue to work, they will cause some unpredictable failures.

- Before replacing the fuse, turn the key to the “⊗” position to prevent accidental short circuit;
- Do not damage the fuse holder when replacing the fuse, otherwise it will cause poor contact, damage to parts and even fire accidents.

Energy saving and environmentally friendly: The used oil, coolant, gasoline and some cleaning solvents contain toxic substances. Do not discharge them randomly, which shall be placed in special sealed containers and sent to the recycling center or local environmental protection service. Do not discard randomly or disassemble waste batteries without authorization, which shall be sent to the QJMOTOR service center for replacement or recycled and disposed of by a quality service. Waste vehicles shall be sent to the local specialized recycling service for classification and recycling.

No modification: Do not modify the vehicle or change the location of the original parts arbitrarily.

Arbitrary modification will seriously affect the stability and safety of the vehicle and may cause the vehicle to fail to work properly. No unit or individual shall assemble a motor vehicle or change its registered construction, structure, or characteristics without authorization. QJMOTOR will not bear all quality problems and consequences (including loss of warranty) caused by the user's modification or use of unauthorized parts. Users are requested to comply with the traffic management department's regulations on the use of vehicles.

Warm reminder: After you buy a motorcycle, please equip it with a motorcycle driving helmet that meets the safety and quality standards.

 **Warning**

The motorcycle must be equipped with a fuse that meets the requirements before you drive safely. It is not allowed to use other specifications other than the requirements, and it is also prohibited to directly tie or replace it with other conductive objects; otherwise, it will cause damage to other components and result in fire accidents in serious cases.

Motorcycle Safety

Safe Driving

1. You must inspect the vehicle before driving to avoid accidents and damage to parts.
2. The driver must pass the examination of the traffic management department and obtain a driver's license consistent with the quasi-driving vehicle before driving. It is not allowed to lend the vehicle to a person without a driver's license.
3. To protect against other motor vehicles, the driver must be as conspicuous as possible. For this purpose, please:
 - Wear distinctive and noticeable tight clothes;
 - Do not get too close to other motor vehicles.
4. Strictly abide by the traffic rules, and do not rush for roads.
5. Do not exceed the maximum speed limit of the road section to prevent accidents due to over-speed.
6. Turn on the turn signal lamp in advance when turning or changing lane to attract the attention of others;
7. Be careful at intersections, entrances, and exits of parking lots and on fast lanes.
8. Refitting the motorcycle or disassembling the original parts arbitrarily will not guarantee driving safety, and it is not in compliance with the regulations, which will affect the vehicle's warranty.
9. The configured accessories must not affect the motorcycle's driving safety and handling performance, especially the overload of the electrical system which can easily cause danger.
10. Do not tow another vehicle. Towing another vehicle with a motorcycle can overload, damage and malfunction tires, reduce braking performance, and adversely affect vehicle stability and maneuverability, potentially resulting in death or serious injury. A faulty motorcycle being towed can adversely affect vehicle stability and maneuverability, potentially resulting in death or serious injury.
11. Do not add a sidecar. Riding a motorcycle with a sidecar can cause the motorcycle out of control, resulting in death or serious injury.
12. Do not overload the motorcycle when driving. Overloading can cause component fault and seriously affect stability, maneuverability and performance, possibly resulting in death or serious injury.

Protective clothing

1. For personal safety, a driver must wear safety helmets, goggles, riding boots, gloves and other PPEs. The passenger also needs to wear safety helmets and hold firmly the passenger armrest.
2. During driving, the exhaust system will become hot, and it will be still hot after stopping the engine for a while. Never touch a hot exhaust system.
3. Do not wear loose clothing that may be trapped by the control lever, footrest or wheels while driving.

Wearing a Safety Helmet

A helmet that meets safety and quality standards is the priority for riding with protection equipment. The worst traffic accident is a head injury. Please always wear a safety helmet and preferably protective glasses.

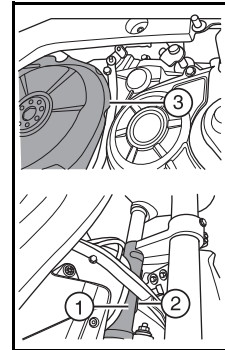
Precautions for Riding on Rainy Days

Pay special attention to wet and slippery roads due to the longer braking distance on rainy days. Please avoid paint, manhole covers, and greasy roads when driving to prevent slipping. Be careful when passing through railway passes, iron gates, and bridges. Please slow down when you cannot judge the road conditions.

Motorcycle Series Number

The vehicle identification number (VIN) and the engine serial number are used for the motorcycle registration. When ordering accessories or requesting special services, these numbers can ensure that the dealer provides you with better services. Please record such numbers for future reference.

- ① The vehicle identification number (VIN) is stamped on the right side of the head tube.
- ② The product nameplate is riveted on the head tube, which is stamped with the product model, name, displacement, manufacturing date, manufacturer and other related information.
- ③ The engine series number is stamped on the lower part of the left case of the crankshaft.

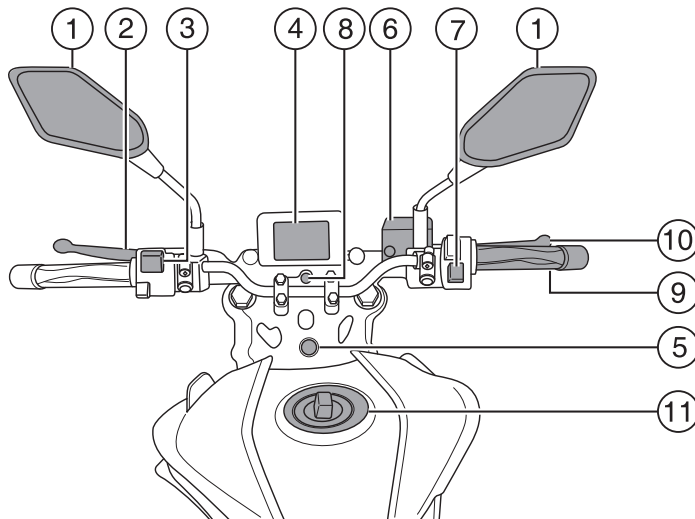


Please write the number below for your future reference.

Frame VIN number:	
Engine number:	

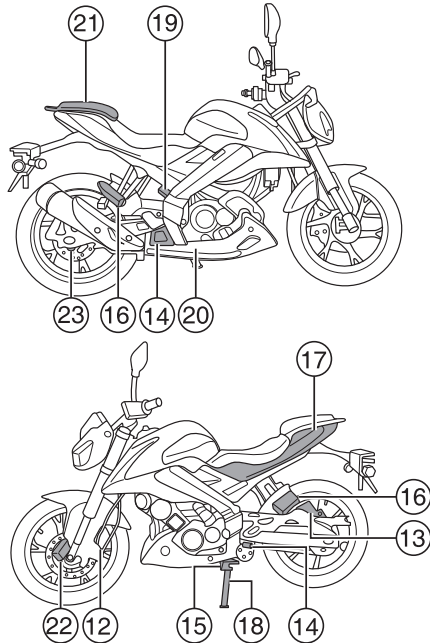
Part Name

Refer to the following figure for the parts on the motorcycle head.



- ① Rearview mirror (L, R)
- ② Clutch handle
- ③ Left handlebar switch
- ④ Instrument
- ⑤ Ignition switch
- ⑥ Front brake fluid reservoir
- ⑦ Right handlebar switch
- ⑧ USB switch Interface
- ⑨ Accelerator control grip
- ⑩ Front brake handle
- ⑪ Fuel tank

Refer to the following figure for the parts on the motorcycle body.



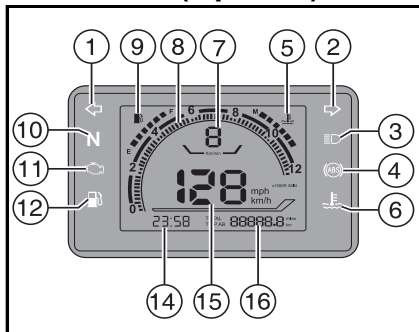
- ⑫ Front brake
- ⑬ Rear brake
- ⑭ Driver's footrest (left and right)
- ⑮ Shift lever
- ⑯ Passenger footrests (left and right)
- ⑰ Passenger seat lock hole
- ⑱ Side stand
- ⑲ Rear brake fluid reservoir
- ⑳ Rear brake pedal
- ㉑ Passenger armrest (pulling strap)
- ㉒ Front wheel ABS wheel speed sensor
- ㉓ Rear wheel ABS wheel speed sensor



Notice

The illustrations in this manual are for reference only. Detailed information is subject to the final product.

Instrument Panel (Option I)



- ① Left turn signal lamp indicator light
When you move the turn signal switch to the left, the left turn signal lamp indicator light will flash accordingly.
- ② Right turn signal lamp indicator light
When you move the turn signal switch to the right, the right turn signal lamp indicator light will flash accordingly.
- ③ High beam indicator light
When the high beam headlight is turned on, the high beam indicator light will be on.
- ④ ABS indicator light:
It indicates the working condition of ABS. Please

refer to the “ABS Maintenance Instructions” described below for details.

⑤ Water temperature display

It indicates the vehicle water temperature and is designed with 6 indicating marks. And, the position “C” indicates that the water temperature is low and the position “H” indicates that the water temperature is high. If the water temperature is higher than or equal to 115°C, stop the motorcycle for checking or contact your local QJMOTOR service center to check the motorcycle.

Number of water temperature indicating marks	Temperature (°C)	Number of water temperature indicating marks	Temperature (°C)
If 1-6 indicating marks flash	≥120	1-3 indicating marks	88-99
If 1-5 indicating marks flash	115-120	1-2 indicating marks	70-87
1-5 indicating marks	110-114	1 indicating mark	<70
1-4 indicating marks	100-109		

⑥ Water temperature alarm light

If the water temperature is higher than or equal to

115°C, the water temperature alarm light will be on.

⑦ Gear position indicator light

It displays the current gear position of the motorcycle, including gear positions 1, 2, 3, 4, 5, 6, and -. When the gear is shifted to the neutral position, the “-” will be displayed and the neutral indicator light “N” will on accordingly.

⑧ Tachometer

It indicates the engine speed.

⑨ Fuel indicator

It indicates the fuel level in the fuel tank. When the fuel tank is full, it will display 6 marks. If the indicating mark approaches the mark “E”, the fuel level is low. If the indicating mark approaches the mark “F”, the fuel level is high. If the fuel is not sufficient, i.e. the fuel level is displayed with 1 indicating mark or below, the lowest indicating mark will be flashing and the fuel level alarm light will be on.

⑩ Neutral indicator light

When the transmission is placed at the neutral position, the neutral indicator light is on.

⑪ Engine malfunction indicator light

When the key is turned on, the indicator light will be on and the oil pump works for 3 seconds, and then the motorcycle is started. If the indicator light goes

out after the motorcycle starts, the vehicle is normal, and there is no fault; if the light is on, there is a fault. Similarly, the vehicle is running normally if the indicator light is off during driving. If the light is on, the vehicle has a fault and needs to be stopped for inspection. Please contact the QJMOTOR service center to check the vehicle in time.

⑫ Fuel level alarm light

If the fuel level is too low, the fuel alarm light will be on. If the fuel tank is empty, the light will be flashing and on.

⑬ Odometer

As needed, you can choose the trip (TRIP 1 or TRIP 2) or total mileage (TOTAL) on the odometer.

The TRIP 1 or TRIP 2 is an odometer which can be cleared and record the mileage of a trip driven over a period of time.

The TOTAL records the total running mileage in kilometers or miles. See “Instrument Adjusting Key”.

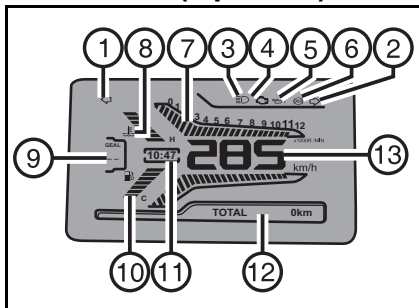
⑭ Time display

To display the current time. If the time needs to be adjusted, see “Instrument Adjusting Key”.

⑮ Speedometer

The speedometer indicates the current service speed. To be displayed in km/h or mph. See “Instrument Adjusting Key”.

Instrument Panel (Option II)



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 QJMOTOR 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

It indicates the current gear position of the motorcycle, including gear positions 1, 2, 3, 4, 5, 6, and N. When the gear position is shifted to neutral position, the neutral position indicator light “N” will flash accordingly.

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 follow-

ing “Instrument Adjusting Key” for details.

⑬ Speedometer

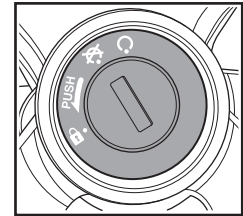
It indicates the current driving speed

Operations of All Parts

Ignition switch and steering lock

“⊗” (Off) position: All circuits are open.

“○” (On) position: The ignition circuit is connected and the engine can be started.



“🔒” Position: Turn the motorcycle handlebar to the left utmost, press the key downward and turn it counterclockwise to the “🔒” position, and the steering lock cylinder extends to lock the steering gear and the key can be taken out.

 **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 places that block traffic.

Left handlebar



① Clutch handle

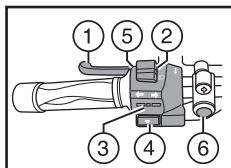
When starting the engine or shifting gears, control the clutch handle to cut off the drive to the rear wheel.

② Headlight high/low beam selector switch

When the headlight high/low beam selector switch is moved to the “” position, the high beam headlight will be on, and the high beam indicator light on the instrument 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 line of the other drivers.

③ Turn signal switch

Power on the motorcycle. Move the turn signal switch to the “” position, and the left turn signal lamp will go on and flash. When the switch is moved to the “” position, the right turn signal lamp will go on and flash. At the same time, the turn signal indicator light will also light up and flash. To deactivate



the turn signal, slightly move the turn signal switch to the center or slightly press the switch downward again.

Warning

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

④ Horn button

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

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 function key

Press briefly the key to switch among TOTAL, TRIP 1 and TRIP 2.

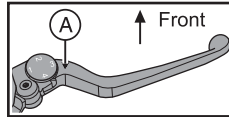
Under the state of TOTAL, press and hold the key within 10 seconds after powering on to enter the

clock setting; press and hold the key after powering on for more than 10 seconds to switch between metric system and British System.

Under the state of TRIP 1 or TRIP 2, press and hold the key to clear the current TRIP mileage.

Clutch handle adjuster

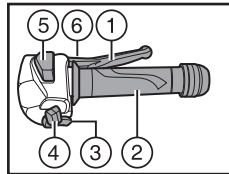
For ride comfort, adjust the clutch handle position by adjusting the position of the knob with the ring nut. Adjustment may be made by choosing one of four positions. Move the clutch lever forward horizontally, and then rotate the ring nut adjuster **(A)** for alignment with the arrow to get the desired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



Right handlebar

① Front brake handle

Slowly hold the brake handle of the right handlebar when applying the front brake. When the front brake handle is pressed, the brake light will come on automatically.



② 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 return the accelerator control grip for slowdown.

③ Electric start button

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

Warning

If the engine cannot be started within 5 seconds, turn the ignition switch to the “⊗” (off) position. Wait 10 seconds until the battery voltage is restored. Then, re-start the engine. If the engine fails to be starts after several attempts, contact your local QJMOTOR service center.

④ Danger & warning light switch

When the switch is moved to the “△” position, the left and right turn signal lamps will be flashing and illuminating simultaneously, reminding you to alert danger.

When the switch is moved to the “●” position, the left and right turn signal lamps stop flashing.

⑤ Start/Stop switch

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

When the switch is moved to the “⊗” position, the vehicle circuit is cut off, and the engine cannot be started.

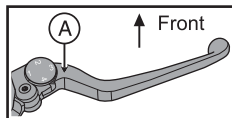
Notice

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.

⑥ Front brake handle adjuster

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

Adjustment may be made by choosing one of four positions. Move the clutch lever forward horizontally, and then rotate the ring

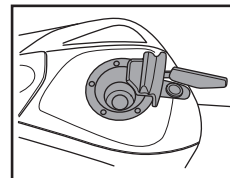


nut adjuster (A) for alignment with the arrow to get the desired position. And, the brake handle is furthest from the accelerator control grip at Position 1 and nearest from the grip at Position 4.

Filling fuel tank

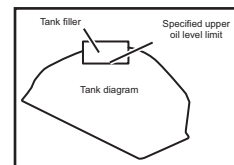
The fuel tank capacity is approximately 10L.

When refueling, first open the dustproof cover of the fuel tank cover, then insert the fuel tank key and rotate it clockwise to pull and open the fuel tank cover together with the key.



Upon completion of refueling, for closing the fuel tank cover, align to the guide pin of the fuel tank cover and press downward to close the fuel tank cover. Take off the key immediately after a locking sound occurs. Close the dust cover of the fuel tank cover.

Do not overfill the fuel tank (it is recommended that the fuel tank should be filled up to 90% of the fuel tank capacity). For refueling, do not exceed the MAX mark of the fuel tank



as shown. And, do not spill fuel on the hot engine, which may cause the motorcycle to run abnormally or result in dangerous accidents.

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

Don't forget to lock the fuel tank cover after refueling to prevent excessive evaporation of fuel into the atmosphere.

⚠ Warning

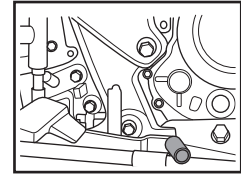
No smoking during refueling.

If gasoline overflows onto the carbon canister and other parts, clean or replace the canister as soon as possible at your local QJMOTOR service center, because excessive gasoline entering the canister will cause the activated carbon to fail prematurely.

Always check that the fuel tank overflow drain port is unclogged to ensure free drainage and avoid external water from entering the tank inner chamber.

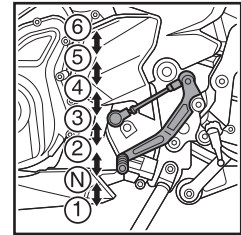
Rear brake pedal

When the rear brake pedal is stepped down, the rear brake will be engaged. When the rear brake is operated, the brake light will come on.



Shift lever

This model of motorcycle is designed with the normally engaged six-gear non-cyclic gearshift method, which is operated as shown. Hold firmly the clutch handle and close the accelerator while operating the shift lever. The neutral gear is located between the gear ① and gear ②.



From the neutral position, step down the shift lever to engage the gear ①. Moving upward the lever once, it engages the next high-speed gear position; stepping down the lever once, it is shifted to the next low-speed gear position. For engaging the neutral gear position, step down or move upward the shift lever to the position between the gear ① and gear ②.

Because of the ratchet mechanism, the gear position can only be shifted one by one.

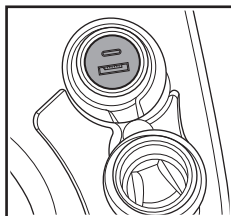
⚠ **Caution**

When the transmission is placed at the neutral position, the neutral indicator light will be on. Now, the clutch should still be slowly released to determine whether the transmission is actually at the neutral position.

Slow down before shifting to a low-speed gear. Increase the engine speed before engaging the clutch to prevent unnecessary wear of transmission wheel system parts and rear wheel.

USB Interface

This model is equipped with a USB interface, which is located below the instrument. This interface can be used to charge mobile phones and other components.



Side stand

The side stand is located on the left side of the vehicle. When parking, deploy the side stand. The side

stand has an automatic shutdown function: When the side stand is in the parking state (the side stand is deployed), the engine cannot be started or automatically shut down after start if the engine gear is placed at a non-neutral position. The engine can be started normally only when the side stand is retracted.

🔔 **Notice**

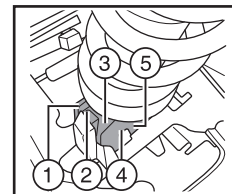
Do not support the vehicle on an inclined slope. Otherwise, the vehicle may roll over. Please check the position of the side stand before parking the vehicle.

Tools supplied with motorcycle

The tools supplied with the motorcycle are located under the driver seat cushion. Use the tools in the kit to make simple and easy repairs, minor adjustments and parts replacement during driving.

Rear shock absorber adjustment

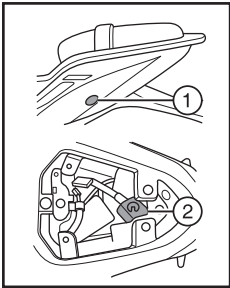
The rear shock absorber spring can be adjusted with a spring tension ring according to factors such as load-bearing conditions and road conditions. One of the five positions



can be selected for adjustment. As long as the motorcycle is stopped with a center stand or a side stand, the spring tension is rotated to the required position. Position ① is the softest and Position ⑤ is the hardest. Adjustment was made at Position ② in the factory.

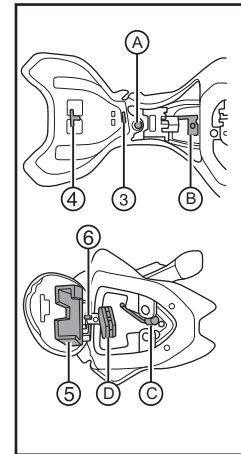
Installation and removal of seat cushion

The driver seat cushion (front seat cushion) and passenger seat cushion (rear seat cushion) of this model can be removed separately. Proceed as follows to remove and install back the seat cushion.

1. Insert the key into the keyhole of the passenger seat cushion ①. Turn the key clockwise. Move the passenger seat cushion forward for removal.
 2. Pull the tie bar ② under the passenger seat cushion backward to remove the driver seat cushion.
- 
3. Push the driver seat cushion forward. Push the snap hook ③ on the back of the seat cushion into the seat cushion fix-

ing slot (A), and then align the lock hook ④ on the back of the seat cushion with the lock hole (B). Press the seat cushion. A locking sound (if occurred) shows that the seat cushion has been installed in place.

4. Push the passenger seat cushion backward. Push the snap hook ⑤ on the back of the seat cushion into the seat cushion fixing slot (C), and then align the lock hook ⑥ on the back of the seat cushion with the lock hole (D). Press the seat cushion. A locking sound (if occurred) shows that the seat cushion has been installed in place. Press the seat cushion. A locking sound (if occurred) shows that the seat cushion has been installed in place.



Instructions for use of fuel oil and engine oil

Fuel oil

Use unleaded gasoline. The gasoline to be used shall have an octane number of 87 and higher.

Notice

Using unleaded gasoline can prolong the service life of spark plugs.

Engine oil

Please use a high-purity and high-performance engine oil (model SJ 10W-40) that meets SJ grade or higher. And, special QJMOTOR engine oil grade shall be preferred. Please go to the QJMOTOR Maintenance Department to buy QJMOTOR special oil.

Running-in

Maximum speed

For a new motorcycle, during the initial running-in driving period of 1000km, do not make the engine run at a speed exceeding the maximum speed for the running-in period, do not accelerate or turn or brake suddenly, and do not make the speed in any

gear position exceed 80% of its maximum RPM; do not operate with a throttle fully opened.

The following table shows the maximum engine speed during the running-in period

Initial 1000km	Below 5000r/min
Up to 1500km	Below 7500r/min
Exceeding 1500km	Below 9000r/min

Engine speed change

The engine speed should not be kept fixed, but should be changed from time to time, which helps the running-in of the parts.

During running-in, it is necessary to apply appropriate stress to all parts of the engine to ensure a complete fit, but not to impose excessive load on the engine.

Avoid running at a constantly low speed

Running the engine at a constantly low speed (light load) will make the parts grind smoothly but run-in poorly. As long as the recommended maximum speed limit is not exceeded, each gear position can be engaged to accelerate the engine, but the maxi-


mum accelerator position must not be used during the running-in period.

Before driving, circulate oil first.

Before driving the motorcycle in high temperature state after the engine is running or in low temperature state, the engine shall sufficiently idle to allow the engine oil to flow to all the lubricating parts.

Routine Initial Maintenance Inspection

The maintenance of the initial 1000km is the most important for a motorcycle. During such maintenance, all adjustments must be made, all fasteners must be tightened, and dirty engine oil must be replaced. The maintenance of the initial 1000km carried out in time will ensure long engine service life and good performance.

 Caution
Maintenance of initial 1000km shall follow the methods described in the Scheduled Maintenance section of this manual. Special attention shall be paid to “ CAUTION ” and “ WARNING ”.

Pre-trip Inspections

Before driving, be sure to check the following. The importance of these inspections must not be ignored. Complete all inspection items before driving.

Items to be checked	Key points of inspection
Handlebar	<ul style="list-style-type: none"> • To rotate smoothly • To rotate free • No axial play or loosening
Brake	<ul style="list-style-type: none"> • A correct clearance can be found between the handle and the brake pedal. • No brake malfunction • No oil leakage
Tire	<ul style="list-style-type: none"> • Correct tire pressure • Appropriate tread depth • No crack or damage
Fuel oil level	Filled with sufficient fuel for the planned operating kilometers
Light	Operate all lights - headlight, position lamp, brake light, license plate lamp, turn signal lamp, instrument illuminating lamp, etc.

Items to be checked	Key points of inspection
Indicator lights	High-beam indicator light, gear position indicator light, turn signal lamp indicator light
Horn, front brake handle and rear brake pedal	To function normally
Engine oil	Correct oil level
Accelerator	<ul style="list-style-type: none"> The accelerator steel cable has proper clearance. To ensure smooth acceleration and deceleration
Clutch	<ul style="list-style-type: none"> The steel cable has proper clearance. Smooth operation
Transmission chain	<ul style="list-style-type: none"> To be tensioned properly To be lubricated properly
Coolant	Checking coolant level

Riding a motorcycle

Engine starting

Turn the ignition switch key to the “⊖” position, and confirm that the transmission is placed at the neutral position, and the neutral indicator light on the instrument is on.

Press the start switch “⊖” on the right handlebar. When the accelerator is closed, press the electric start switch “⊗” to start the engine.

Caution

For starting the engine, place the transmission at the neutral position by holding the clutch handle firmly (pulling the clutch handle onto the handlebar).

When the engine is started with the electric starter, the ECU will provide sufficient oil for starting the engine according to the ambient temperature and engine.

Warning

The exhaust contains harmful substances such as carbon monoxide. Inhalation of these hazardous substances can cause serious injury or death. Do not start the engine in a room with poor ventilation or without ventilation equipment. Shut down the engine and power off the motorcycle when the motorcycle is unattended.

Caution

Do not run the engine for a long time when not driving, otherwise, the engine may be overheated. An overheating engine can cause damage to the internal components of the engine. If the motorcycle does not run immediately, shut down the engine.

Starting to move

With the side stand retracted, hold firmly the clutch handle, pause for a few seconds, and step down the gearshift lever to engage the first gear position. Rotate the accelerator control grip towards the

driver's body while slowly and smoothly releasing the clutch handle. Now, the motorcycle can start to move forward.

Use of transmission

The transmission can ensure that the engine may run smoothly within the normal operating range. The driver should select the most appropriate gear position for the general conditions. Don't slip the clutch to control the service speed. Preferably, slow down the engine to run within the normal operating range.

Driving on a slope

When climbing a steep slope, the motorcycle will start to slow down and present insufficient power. If this is the case, shift the handle to the low-speed gear position so that the engine can resume normal power output.

The gear shall be shifted quickly to avoid the motorcycle losing power for a short time.

When running downhill, shift to the low-speed gear position. Do not run the engine beyond the required speed range.

Use of brake and parking


To completely close the accelerator, release its control grip while using the front and rear brakes evenly. Shift to a low-speed gear position to decelerate.

Before stopping the motorcycle, hold firmly the clutch handle (pulling the clutch handle onto the handlebar) and shift the gear to the neutral position. Observe the neutral indicator light to identify whether the transmission is placed at the neutral position.

 **Warning**

The braking system is an important safety component. Please contact the local QJMOTOR service center for repair or replacement of the braking system. Improper maintenance of the braking system can adversely affect braking performance and therefore result in death or serious injury.

A motorcycle shall be parked on a solid and flat ground. Please do not park in places that block traffic.

Move the ignition switch to the “” position to shut down the engine. Lock the steering gear to prevent the motorcycle being stolen. Remove the key from the ignition switch.

Inspection and Maintenance

The following chart shows the regular maintenance time limit for the mileage traveled. At the end of each time limit, inspection, checking, lubrication and prescribed service must be carried out in accordance with the specified methods. The steering system, center and side stands and wheel system are key components and carefully repaired by specialized personnel. For safety reasons, we suggest that you should ask the dealer or maintenance workers for inspection and repairing.

Maintenance Schedule

Instructions

I: Inspection; If necessary, perform cleaning, adjustment, lubrication or replacement. C: Cleaning R: Replacement A: Adjustment L: Lubrication

Item \ Interval		Odometer reading				
		1000km	5000km	10000km	15000km	20000km
Fuel line		I	I	I	I	I
		R Replace the fuel hose every 4 years.				
Accelerator operations		I	I	I	I	I
Air filter	(Note 2)	I		R		R
Spark plug			I	I, R	I	I, R
		Replace the oil every 10000km.				
Throttle body		I	I	I	I	C
Fuel evaporative emission control system		I	I	I	I	I
		R Replace the steam hose every 4 years.				
Engine oil		R	I Inspect the oil level every 1000km; R Replace the oil every 10000km			
Brake lining worn				I		I
Brake hose		I	I	I	I	I

Item \ Interval		Odometer reading				
		1000km	5000km	10000km	15000km	20000km
*Drive chain		I	I, A	I, A	I, A	I, A
Light, signal and switch		I	I	I	I	I
**Headlight		A			A	
* Shock absorber		I	I	I	I	I
**Handle pivot		I, L	I, L	I, L	I, L	I, L
**Side stand pivot		I, L	I, L	I, L	I, L	I, L
**Nuts, bolts, and fasteners	(Note 3)	I		I		I
** Wheel1, tire2, and wheel bearings	(Note 3)	I 1,2	I	I	I	I
**Steering bearing		I	I	I	I	L
		L Make moderate lubrication with grease every 10000 km or 12 months.				

Item \ Interval		Odometer reading				
		1000km	5000km	10000km	15000km	20000km
*Brake hose						
		R Replace it every four years.				
*Brake fluid						
		R Replace it every two years.				

*: It must be overhauled by the service center. The owner shall bring his/her qualified tools and overhaul data. If the owner overhauls the motorcycle by himself/herself, he/she shall also refer to the instructions for maintenance and repair.

** : For safety, QJMOTOR recommends that the item should be overhauled by the service center or an authorized service provider.

Note 1: If the odometer reading is high, the maintenance shall be repeated according to the cycle specified above.

Note 2: If you ride a motorcycle in humid or dusty areas, it is best to shorten the required maintenance cycle. Especially the air filter maintenance cycle needs to be shortened to extend its life.

Note 3: Frequent maintenance is necessary when you often driving on bumpy roads.

Engine oil level and oil change

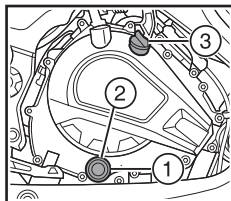
Engine oil level

Check the engine oil level before starting engine.

When checking the oil level, keep the motorcycle upright on a flat ground and observe whether the oil level is between the MAX and MIN through the sight glass.

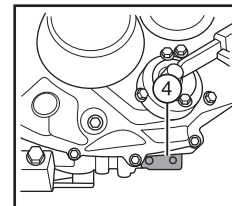
When the oil level is lower than the MIN mark ②, open the upper oil filler cap ③ and add oil to a level between the MAX and MIN.

A new motorcycle should be filled by 1.2L of engine oil. For oil replacement, 1.0 to 1.1L engine oil should be used.



Oil Change

For oil drain, put a collecting pan under the drain bolt ④ on the lower right corner of the engine. Remove the drain bolt, and reinstall it after thorough oil drain.



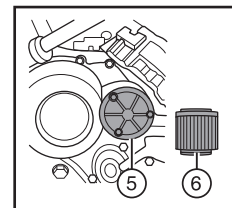
Notice

The oil replacement shall be performed from a hot engine and with the body secured by a supporting frame (ensuring that the motorcycle is level and the body is plumb) to ensure that the engine oil can be quickly and completely drained.

Replacement of engine oil filter

Replace the engine oil filter while replacing the engine oil every time. For replacement of engine oil filter, proceed as follows:

- Remove the retaining screw on the oil filter cover ⑤



Notice

Start the engine, keep the engine at idle speed for a few minutes, and then shut down the engine. Check again the oil level with the dipstick. The oil level must be between the MAX and MIN and no leakage is found from the engine. Wipe to remove the splashed engine oil (if any).

under the right side of the engine. Remove the oil filter ⑥, and drain thoroughly the engine.

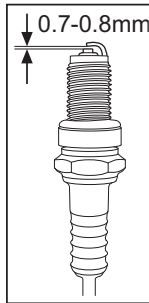
- Replace the oil filter with a new one.
- Reinstall the oil filter cover.

 **Notice**

Check that no oil is leaking from the oil filter cover. Confirm that all parts are installed in place.

Spark plug

The spark plug is important for the engine and shall be inspected periodically. The inspection is carried out preferably by a dealer. Since heat and deposits will cause any spark plug to be slowly corroded, the spark plug shall be removed and inspected as per routine maintenance. In addition, the conditions of the spark plug can reveal the conditions of the engine. The porcelain insulator around the central electrode of the spark plug shall be a medium to light tan (which is the ideal color for normal operation of the motorcycle). If



the spark plug show distinctly different colors, the engine may not operate normally. Don't try to diagnose these problems by yourself. Ask the dealer to inspect the motorcycle. Replace the spark plug if it shows signs of electrode corrosion, or excessive carbon or other deposits.

Spark plug model: CR8E (NGK)

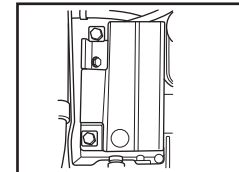
 **Caution**

Do not over-tighten the spark plug or allow that the threads are staggered to avoid damage to the threads of the cylinder head. When removing the spark plug, do not let impurities enter the engine through the spark plug hole.

Battery

The battery is located under the driver seat cushion.

The battery provided with this vehicle is a valve-regulated maintenance-free charged drained battery or a user's electrolyte maintenance-free battery. Do not open the battery case.



Before and during operation, a valve-regulated maintenance-free charged drained battery will not be filled with electrolyte. For the use of a user's electrolyte maintenance-free battery for the first time ask the dealer to fill it with electrolyte. Afterwards, it will not be filled with electrolyte.

1. When using for the first time, test the battery terminal voltage. If the voltage is less than 12.6V, the battery needs to be changed by a charging voltage of $14.4 \pm 0.02V$ and a charging current limited to 6A until the current drops down to 0.2A (or refer to the parameters printed on the battery surface). During charging, if the battery temperature is higher than $45^{\circ}C$, stop charging immediately and re-charge the battery after it is cooled down.
2. The red battery terminal is the positive pole, and the black one is the negative pole. Switch off the power for wiring. Connect first the positive terminal and then the negative one; for disconnecting, remove first the negative terminal and then the positive one.
3. Testing charging system; After the motorcycle is started, the displayed battery voltage from 13.5V to 15V shows that the charging system is normal.
4. Testing leakage current of complete motorcycle: Switch off the power supply of the complete motorcycle. Connect the positive or negative terminal with a multimeter in series (at the "A" position). The circuit of the complete motorcycle is normal if the current is less than 3mA.
5. If the motorcycle is not in use for a long time, recharge it once a month, or remove the battery and place it separately, and check the voltage once every three months. Recharge it if the voltage is lower than 12.6V. Do not store a flat battery.

For inspecting battery, proceed as follows:

- Move the power switch of the motorcycle to the "OFF" position.
- Remove the front and rear seat cushions.
- Remove the battery hold-down plate.
- Remove first the negative terminal (-) and then the positive terminal (+).
- Take out slightly the battery. Install it in a reverse order.

⚠ Warning

When reinstalling the battery, connect the battery leads correctly. If the battery cable is connected in reverse, the circuit system and the battery itself will be damaged. The red cable must be connected to the positive terminal (+), and the black cable must be connected to the negative terminal (-). Do not knock or invert the battery during removal and maintenance. When checking or replacing the battery, turn off the ignition switch (key).

For routine use, please note the following:

In the case of starting difficulties, dim lights, hoarse horns and other conditions caused by insufficient battery power, check the battery in time and add electrolyte or charge it.

Frequent starting, short-distance driving, long-term low-speed driving, frequent braking or installing additional electrical devices will increase the accelerated discharge of the battery, and enhance the load of the battery, resulting in power loss and shortening the service life. At this time, check the battery frequently or charge it.

When replacing the battery, please pay attention to the following:

When replacing the battery, confirm the motorcycle model and verify whether it is consistent with the original battery model. The battery specifications have been matched for the motorcycle. If you use different types of batteries, it may affect the performance and life of the motorcycle and may cause circuit failure.

If the motorcycle is not used for a long time, the battery should be removed for storage and charged once a month.

⚠ Warning

The battery produces explosive gas. Beware of sparks and flames.

The battery contains sulphuric acid (electrolyte). Skin or eye contact with the electrolyte may cause severe burns.

Electrolyte is a toxic substance. Beware of children playing with it.

Engine idling

The stepper motor configured in the motorcycle automatically adjusts the idle speed to the appropriate range. For necessary adjustment, contact your local QJMOTOR service center.

Throttle body

The idling speed of the motorcycle will be reduced due to the contamination of the throttle body. Clean the throttle body once every 5000 operating kilometers.

When cleaning the throttle body, disconnect the battery negative terminal and the sensor connector installed on the throttle body; remove the accelerator cable and the hose connected to the air filter and the intake manifold. Remove the throttle body.

Spray the detergent on the inner wall of the throttle body, and remove dust and carbon deposit using a brush.

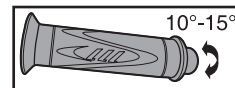
After cleaning, according to the reverse operation, install the throttle body. Make sure all parts are installed and try to start the engine successfully.

Notice

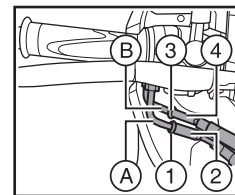
Be careful not to let impurities block the bypass airway.

Adjustment of accelerator cable

1. Check that the accelerator grip can be freely rolled between fully open and fully closed positions, from steering full left lock to full right lock.
2. Measure its free stroke on the flange of the accelerator grip. The standard free stroke shall be 10° to 15°.



This motorcycle is equipped with a dual-wire structure accelerator cable, the accelerator cable (A) is the oil supply cable and the accelerator cable (B) is the oil return cable. For adjusting the free stroke of the accelerator grip, proceed as follows:



- Remove the dust cover of the accelerator cable.
- Loosen the lock nut ③.
- Fully tighten the adjusting nut ④.
- Loosen the lock nut ①.
- Turn the adjusting nut ② so that the free stroke of the accelerator control grip is 10° to 15°.
- Tighten the lock nut ①.


- Adjust the nut ④ so that the accelerator grip can rotate flexibly.
- Tighten the lock nut ③.

Catalytic converter

The muffler of this vehicle model is equipped with a catalytic converter to meet the needs of environmental emission.

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

Since the catalytic converter is critical, a faulty catalytic converter may pollute the air and damage your engine performance. For replacement, please use genuine QJMOTOR parts and components or ask the QJMOTOR service center to replace the converter.

 Notice
The catalytic converter is located in a high-temperature area. Please do not touch it.

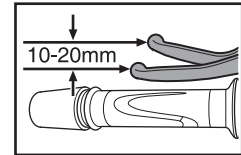
Canister

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

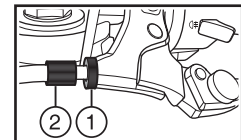
The carbon canister is filled with activated carbon particles that can adsorb vapor, inhibiting excess fuel vapor from volatilizing into the atmosphere, thus achieving fuel saving and environmental protection.

Clutch adjustment

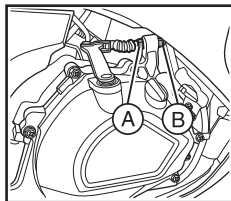
The free stroke of the clutch should be 10-20mm before the clutch starts to disengage, based on the end point of the clutch handle. In case of abnormality, adjust as follows at the handle end of the clutch cable:



- Remove the clutch cable dustproof cover.
- Loosen the lock nut ①.
- Screw or unscrew the adjusting screw ② to make the free stroke of the clutch meet the specified requirements.
- Tighten the lock nut ①.



If the handle end of the clutch cable cannot meet the free stroke requirements when it is adjusted to the limit position, adjustment is carried out with the cable and the lock nut **(A)** and the adjusting nut **(B)** on the engine.

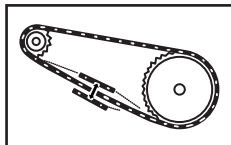


Drive chain

The service life of the drive chain depends on proper lubrication and adjustment. Improper maintenance may lead to premature wear of the drive chain and sprocket. Under harsh use, maintenance must be carried out frequently.

Drive chain adjustment:

At an interval of every 1000 operating kilometers, adjust the drive chain sagging by 28-35mm. As needed, the chain may need to be adjusted frequently.

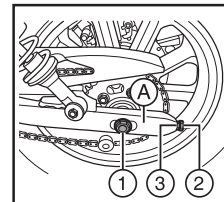


Warning

These recommendations are maximum interval of adjustment. In fact, the chain shall be checked and adjusted before driving. Excessive loosening of the chain may cause accidents in which the chain is detached or serious damage to the engine.

Adjust the chain as follows:

- Prop the motorcycle with special brackets.
- Loosen the rear axle nut ①.
- Loosen the lock nut ②.
- Turn the lock nut ③ clockwise or counterclockwise to adjust the sagging of the chain.



For adjusting the chain, the center of the front and rear sprockets must also be kept in a straight line. To assist you in this adjustment process, there are reference marks **(A)** on the swing arm and each chain adjuster, which can be aligned with each other and serve as a reference from one end to the other. After aligning and adjusting the sagging of the chain to 28-35mm, re-fix the rear axle nut, and tighten it by 130N.m.

Perform the final inspection.

 **Notice**

When replacing it with a new chain, check both sprockets for wear, and replace them if necessary.

During regular inspection, check the chain for:

- Loose pins
- Damaged roller
- Dry and rusty links
- Kinked or seized links
- Excessive damage
- Sagging chain adjustment

If the above problems occur on the chain, the sprocket is likely to be damaged. Check the sprocket for:

- Excessively worn gear teeth
- Broken or damaged gear teeth
- Loose sprocket fixing nuts

Drive chain lubrication

For lubrication, priority shall be given to drive chain grease which may be commercially available. Alternatively, engine oil or other lubricating oil may be used. Soaking links to allow grease to penetrate among the chain plates, pins, bushings and rollers.

Brake

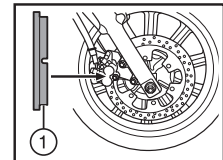
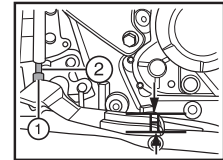
This motorcycle is designed with disc-type ABS brake for the front and rear wheels. Correct brake operation is very important for safe riding. Always remember to ask the dealer to inspect the braking system regularly.

Brake adjustment

- The free stroke at the end of the front brake grip shall be 10 to 20mm.
- Measure the distance moved by the front and rear brake pedals before the brake starts to work. The free stroke shall be 5 to 15mm.

For adjusting the free stroke of the rear brake pedal, proceed as follows:

- Loosen the nut ①.
- Screw or unscrew the push rod ②, and adjust the free stroke of the brake pedal.
- Screw or unscrew it until the free stroke meets the specified value. Tighten the lock nut ①.
- After adjustment, no drag occurs on the brake.

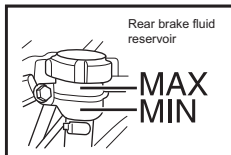
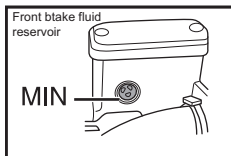


Friction plate

Check whether the friction plates of the front brake caliper and rear brake caliper are worn to the mark ①. If this mark has been worn, replace it the with a new one.

Brake fluid

When the friction plate is worn out, the fluid in the reservoir will be automatically injected into the brake hose, and the fluid level is reduced. The front brake fluid reservoir is installed above the right handlebar, and the rear brake fluid reservoir is installed in the middle of the right side of the motorcycle. If the fluid level is lower than the **(MIN)** mark of the fluid reservoir, add the specified brake fluid, and ensure that the brake fluid level is between the **(MIN)** and **(MAX)**. During routine maintenance, the brake fluid must be added.



! Caution

For this motorcycle, DOT4 brake fluid will be used. Do not use the remaining fluid from the opening reservoir or the brake fluid left by the last maintenance because the old fluid will absorb moisture in the air. Be careful not to splash brake fluid on painted or plastic surfaces because it will erode the surface of these substances.

Braking system

Check daily the braking system as follows:

- Check the front and rear wheel braking systems for leakage.
- Keep a certain reactive force for the brake handle and brake pedal.
- Check the wear of the friction plate. Check whether the friction plates are worn to the notch bottom. If the notch bottom is worn, replace both friction plates.

Warning

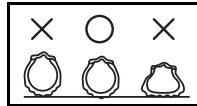
If the brake system or friction plate needs to be repaired, we advise you to ask a dealer for repair. They have tools and skills to complete the repair in the safest and most cost-effective way. Do not ride the motorcycle immediately if a new friction plate has just been used. Grasp and release the brake handle a few times to fully extend the friction plate and restore the normal handlebar support force, and make the brake fluid cycle stable.

Tire

Correct tire pressure will ensure the highest stability, ride comfort, and tire durability. Check tire pressure and adjust as needed.

Front tire pressure	(190±10) kPa
Rear tire pressure	(210±10) kPa

The pattern depth on the tire crown pattern should be greater than or equal to 0.8mm. If it wears down to less than 0.8mm, replace it with a new tire.



Notice

Check the tire pressure when the tires are “cold” before riding.

Air filter maintenance

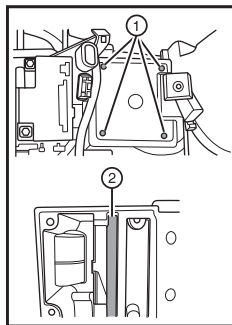
The air filter is located under the driver seat cushion. Maintain the air filter regularly (refer to the Maintenance Schedule), and more frequently if the motorcycle runs in a dusty or sandy area.

Warning

Do not attempt to mend a damaged tire. Wheel balance and tire reliability may be deteriorated. Improperly inflated tires will cause abnormal tread wear and therefore threaten safety. Insufficient tire inflation may cause the tire to slip, or the tire may be torn off, or even damage the rim, which may lead to the motorcycle out of control and therefore occurrence of danger.

Driving a motorcycle with a tire excessively worn is very dangerous, which is not good to ground adhesion and driving.

1. Remove the passenger seat cushion and the driver seat cushion respectively.
2. Remove the battery fixing press plate.
3. Remove the retaining screw ① from the air filter cover and then take out the filter element ②.
4. Replace it with a new paper filter element.
5. Reinstall the parts in the reverse order of disassembly.



! Caution

If a motorcycle is driven in a more humid or dusty environment than usual or according to other driving conditions, it is necessary to shorten the filter element replacement interval.

! Caution

If the filter element is blocked, damaged, or permeable, the engine power drops, and fuel consumption rises, replace the filter element immediately. Do not wait until maintenance. Starting the engine without an air filter will damage the engine by trapping dust in the cylinders.

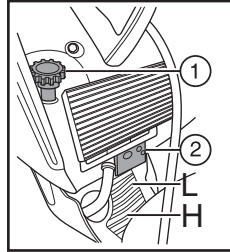
⚠ Warning

The filter element of this air filter must not be cleaned (including not blowing dust with compressed air). Any cleaning may cause functional degeneration of the filter element and damage the engine. The filter element should be replaced at an interval of every 7000km.

Do not let the filter element be stained with oil or water when replacing the paper filter element. Otherwise, the filter element will be blocked and fail. It is recommended that such work should be done by the local QJMOTOR service center.

Coolant

Coolant type: Special anti-freezing coolant for engines with soft water and glycol based compatible with a aluminum radiator. Please use the genuine anti-freezing coolant, using other non-compliant coolant/mixture will cause damage to the engine.



When a new motorcycle leaves from the factory, it is already filled with coolant. Check the coolant level in the expansion tank during maintenance.

When the coolant becomes turbid or the service interval is approaching to expire, please contact your local QJMOTOR service center to replace the coolant in time. The coolant filler of radiator tank ① is located inside the guard on the right side of the motorcycle. Open the coolant filler cap and fill the tank up to the specified level with coolant. Upon completion of coolant filling, reinstall the radiator filler cap.

Check the coolant level of the expansion tank frequently during riding. Check the coolant in the expansion tank only after the engine has been shut down and cooled down. When checking, keep the motorcycle level and the body upright. Observe the coolant level in the expansion tank from the inside of the lower air ducting cover of the motorcycle and observe that the coolant level is kept between the H (or MAX) mark and the L (or MIN) mark. If the coolant level is below the MIN mark, remove the expansion tank cap plug ② and fill it with coolant, making sure that the level is between the MAX and MIN.

Warning

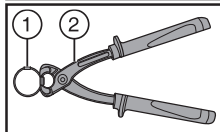
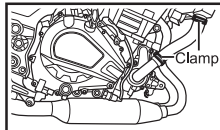
Fill the expansion tank with coolant only after the engine has been shut down and cooled down. To avoid burning, do not open the coolant filler cap until the engine has been cooled down. The cooling system is always under pressure. In some cases, coolant contains substances that are flammable and produce an invisible flame (if ignited). Because combustion of leaking coolant can result in serious burning. Therefore, avoid leaking coolant on hot motorcycle parts.

Warning

Because coolant is highly toxic, avoid touching and inhaling it, and keep it away from children and domestic animals. If you inhale coolant, seek medical care immediately. If your skin or eyes accidentally come in contact with coolant, wash them using water immediately.

Installation and removal of radiator water hose clamps

For the radiator water hose, the non-regularly disassembling end is fixed with disposable clamps and the regularly disassembling end is fixed with plate-type clamps. After the clamps are removed, the used disposable clamps can not be reused and the plate-type clamps may be reused. The clamp ② can be correctly reassembled using a special clamp wrench ①. Otherwise, the clamp cannot be reassembled in

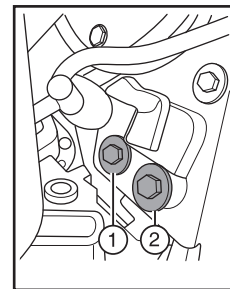


place, causing coolant overflowing and resulting in motorcycle fault or personal injury.

Adjusting the headlight beam

The headlight beam can be adjusted vertically up and down.

The left beam adjusting screw ① and the right beam adjusting screw ② are located at the back of the headlight. Switch on the headlight and turn the beam height adjusting screw clockwise or counterclockwise to adjust the high- and low-beam up or down simultaneously. Ensure that the heights of the right and left beams are adjusted to the same position.



Notice

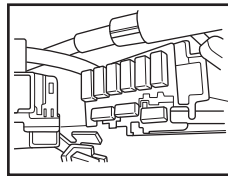
When adjusting the height of the beam, the driver shall sit on the seat cushion of the motorcycle, keeping two wheels seated on the ground, and make sure that the motorcycle is vertical.


Replacement of light source

This vehicle model's illumination and light signal devices use LED light sources that are not easy to be damaged. If you need to replace them, please contact the QJMOTOR service center for help.

Fuse replacement

The fuse box is located below the passenger seat cushion. If the fuse is blown frequently, the circuit may be short or overloading. Move the motorcycle to your local QJMOTOR service center for repair in time.



 Warning
specifications. Otherwise, it will have serious adverse effects on the circuit system and even cause fire or burn the lights and lead to loss of the engine traction, which is very dangerous.

Parts and components lubrication

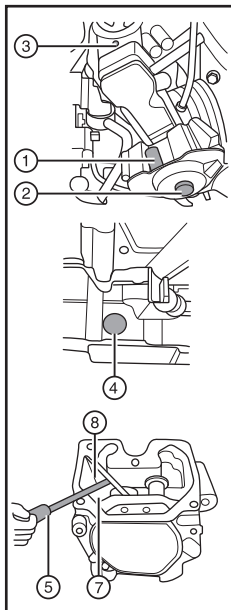
Proper lubrication is essential to maintain every working part of your motorcycle in normal running and prolong its service life and to ensure safe driving. Lubricate your motorcycle after driving it for a long mile or if the vehicle is wet due to rain or washing.

NO.	Description	Oil Type (M: Motorcycle lubricating oil G: Grease)
1	Rear brake pedal shaft	G
2	Side support joint and spring hook	G
3	Throttle cable	M
4	Front brake lever pin shaft	G
5	Clutch lever pin shaft	M

Valve clearance adjustment

Check and adjust the valve clearance, it should be carried out in the engine cooling state.

1. Remove the peephole cover ①, generator cover ② and cylinder head cover ③.
2. Turn the magneto rotor counterclockwise to make the “T” (located on the magneto rotor) mark ④ align with the center of the upper peephole, and make sure that the piston is at the top of the compression stroke.
3. Insert the feeler gauge ⑤ between the adjusting screw ⑥ and the valve rod to check the clearance of the inlet and exhaust valves.
4. The standard valve clearance is 0.04-0.08mm for the inlet stroke and 0.04-0.08mm for the exhaust stroke.
5. When adjusting, just loosen the lock nut ⑦ and then tighten the screw ⑥. Upon completion of



adjustment, tighten the lock nut, and then measure the clearance to reach the standard.

Notice

This model is designed with two inlet valves and two exhaust valves, which will be adjusted simultaneously.

The adjustment of the valve clearance directly affects the performance of the engine. Check and adjust it strictly according to the time interval of the Maintenance Schedule.

The valve clearance is adjusted upon specialized technology and with special tools and it is recommended that such work should be done by the QJMOTOR service center in order to the valve clearance may be optimal.

Fuel injector and fuel circuit

The fuel pump ① is provided with one interface. The fuel enters the injector ③ from one of the interfaces of the pump through the fuel filter ②. Finally, the fuel is injected into the engine intake pipe.

Please connect the inlet and return pipes according to the figure on the right.

Instructions for ABS operation and maintenance

After the power source is unlocked, it is normal that the ABS indicator light on the instrument will illuminate (not be flashing). After the riding speed reaches 5km/h, the ABS indicator light will go out. At this time, the ABS is in a normal working state.

An ABS light on (not flashing) indicates that the ABS is in a diagnostic state.

An ABS light off indicates that the ABS is in normal operation.

An ABS light flashing indicates that the ABS is in a non-operating state (or malfunctioning).

If the ABS indicator light is always flashing, the ABS is not working. Check that the ABS connector is installed and that the clearance between the ABS wheel speed sensor and the ring gear is 0.5 to 1.5mm.

If the ABS wheel speed sensor is damaged, the ABS indicator light on the instrument panel will flash, and the ABS will not work. The ABS wheel speed sensor may absorb some metal substances due to its degree of magnetism. Please keep the ABS wheel speed sensor clean and free of foreign matters. Adhesion of foreign matters will cause damage to the ABS wheel speed sensor.

If the ABS is faulty, contact your local QJMOTOR service center for repair.

Storage Guide

Storage

If you need to keep your motorcycle for a long time, take certain measures to reduce the impact of quality degradation. In addition, it is necessary to carry out the maintenance before storing the motorcycle. Otherwise, it is easy to forget the maintenance when you begin to drive the motorcycle after storage.

1. Replace the engine oil.
2. Lubricate the drive chain.
3. Drain the fuel tank and injector for the fuel. Spray the anti-rust oil on the inside of the fuel tank. Reinstall the fuel tank cover onto the fuel tank.

 **Notice**

If the motorcycle is stored for more than one month, it is extremely important to drain the injector in order to ensure the normal performance after storage.

 **Warning**

Fuel is extremely flammable and may explode under certain conditions. Do not smoke or create spark nearby the motorcycle when you drain the fuel tank.

4. Remove the battery. Store the battery at a place that is protected from freezing temperature and direct sunlight. Check the electrolyte level once every other month and charge the battery at low speed.

5. Clean and wipe to dry the motorcycle. Wax all the painted surfaces.
6. Inflate the tires to the recommended tire pressure. Place the motorcycle on a cushion block to make the two tires off the ground.
7. Cover the motorcycle (do not use plastic or coating materials) and keep it in a dry place not heated, with minimal temperature change. Do not keep your motorcycle under direct sunlight.

Use the motorcycle after storage

1. Take off the covering and clean the motorcycle. Change engine oil if you keep your motorcycle for more than four months.
2. Check the electrolyte level and charge the battery as needed. Install the battery.
3. Discharge excess anti-rust oil from the fuel tank. Fill the fuel tank with new gasoline.
4. Carry out a comprehensive pre-trip inspection. Perform a motorcycle test run at a low speed in a safe area away from the road.

Technical Specifications of SRK 125 S

Engine	QJ154MI-4C single cylinder, 4-stroke, water-cooled	
Displacement	125cm ³	
Cylinder bore × stroke	54.0×54.5mm	
Max net power	11.0kW/9500 rpm	
Maximum torque	12.1N·m/7000 rpm	
Ignition mode	ECU electronically-controlled ignition	
Startup method	Electric starting	
Tank capacity	10±0.5L	
Curb weight	143kg	
Length × Width × Height	1970 × 785 × 1070mm	
Wheel base	1345mm	
Tire specifications	Front wheel: 100/80-17 Rear wheel: 130/70-17	
Brake mode	ABS	Front: disc brake
		Rear: disc brake