

LJ50QT-L
MOTORCYCLE
INSTRUCTION



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NINGBO LONGJIA MOTORCYCLE CO.,LTD.

IMPORTANT SAFETY INFORMATION

DRIVER AND PASSENGER

LJ50QT-L motorcycle is designed only for one driver and one passenger. The total load must be within the limit specified on the specification label .

ROAD CONDITION

LJ50QT-L motorcycle is designed only for driving on highway.

READ THIS MANUAL CAREFULLY

Pay special attention to all the sentences or paragraphs marked with WARNING in this publication.

WARNING:

The meaning of this safety alert symbol means if the instructions in this manual are not strictly heeded bodily injury or death could occur to you or other persons.

NOTICE:

The meaning of this symbol is if the instructions in this manual are not observed product damage or body injury may occur .

NOTE:

The instructions under this symbol in this manual will provide you with the effective method of operation .

As this manual is considered as indispensable it should be always kept with the driver for consultation.

TO OUR CUSTOMER

Thank you for selecting LJ50QT-L motorcycle and welcome you to join the line of motorcycle drivers for enjoying more safety and more pleasant driving a complete understanding for all the instructions in this manual is necessary .your safety is not only ensured by your own alertness and your understanding of all operations but it also related to your understanding of the mechanic performance of the motorcycle.making inspections before driving and performing periodical maintenance are basic conditions for your safety.

When periodical maintenance or repair are necessary consult with our local dealer who knows best how to do it so that the optimum performance can be achieved.

Wish you a pleasant driving.

Do not inform every one if the product will be modified in the future.

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TRAFFIC SAFETY

ONLY THE MOTORCYCLE DRIVER HIMSELF WHO CAN ENSURE THE SAFE DRIVING.

A motorcycle driver who cares safety will always spend a lot of time on exercise driving in less traffic area to learn driving method and technique before driving on highway.

1. Many motorcycle accidents occur due to that the truck driver can not see the motorcycle driver.

Therefore a motorcycle driver shall try every thing to be seen by the truck drivers, for example:

- Wear bright-color clothing
- Do not ride too closely to any car or truck

2. Many motorcycle accidents occur at the crossroad, entrance or exit of parking lot. Pay close attention when driving across those places.

3. Over speed is one of the main causes for many motorcycle accidents. The speed limit shall be observed and always drive within the speed limit.

4. Many motorcycle accidents occur due to insufficient experience. A new driver shall have a complete understanding of the performance of the motorcycle before running on highway.

Never give the machine to a person who have no driving experience.

5. Most injuries of motorcycle accidents are on head. Therefore you shall wear helmet and other protections such as dust-tight glasses, boots, gloves and thick coat.

6. Do not drive on express way. If it is not avoidable you should be careful.

7. Avoid driving on bumpy road, which may result in losing control or machine damage.

IMPORTANT INFORMATION FOR SAFETY DRIVING

1. Before starting the engine, careful inspection of the product shall be performed (refer to page 13).
2. For safety please wear helmet as well as boots, gloves, dust tight glasses and bright color clothing when driving the motorcycle.
3. The rear luggage box or cargo boxes mounted by customers are only for light weight things. If cargo boxes are mounted on the rear left and right sides, they should be loaded equally. The loads should be held stably so that they will not move during driving.
For detailed information, please refer to page 6.
4. While driving you should hold the steering handlebars and your feet should step on the deck.
5. It is recommended you make exercise on road with less traffic before driving on highway. You can drive on highway after you have become familiar with the performance of the product.
6. When making a turn or changing lane, remember to switch on the turning signal.
7. Do not drive on road shoulder. Cherish public property and never destroy any natural scene.

LOAD

WARNING:

Glove compartment, rear bracket and etc. are only for light-weight loads.

Load Limit	
Rear bracket	5 kg

- *The max. Load capacity 235kg.**
- * Overload will affect the machine stability and controllability.**
- *All the loads shall be hold firmly.**
- *Child or pets shall not be carried on bracket or in cargo box.**
- * All the loads shall not be stretched out of the cargo box.**

PARTS AND CONTROLS

THE ASSEMBLING POSITIONS OF CONTROLS

- ① Front brake lever
- ② Start switch
- ③ Rearview Mirror Assy
- ④ Fuel tank
- ⑤ Passenger footstep
- ⑥ Oil plug / oil gauge stick
- ⑦ Luggage carrier
- ⑧ Battery / Fuse
- ⑨ Helmet hook



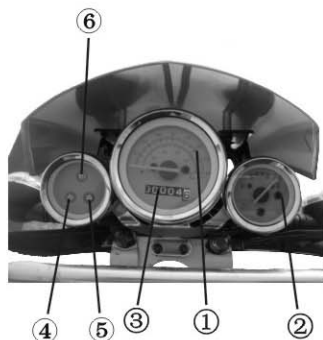
- ① Rear brake lever
- ② Air cleaner
- ③ Side stand
- ④ Central stand
- ⑤ Passenger footstep
- ⑥ Panel and indicators
- ⑦ Seat lock



PANEL AND INDICATIONS





All the indicators and warning lights are installed in the panel. For their function refer to the detailed explanation in the table in the next pages.

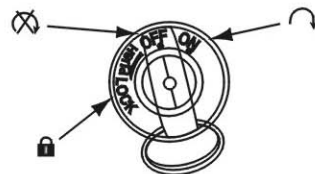
- | | |
|--------------------------|------------------------------------|
| (1) Speedometer | (4) Left turn indicator |
| (2) Fuel level indicator | (5) Right turn indicator |
| (3) Odometer | (6) Hight beam far light indicator |



OPERATION GUIDE

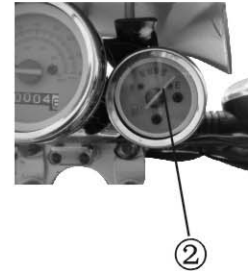
START SWITCH

- (1)  : Turn the switch to “  ” the engine will start and the key can not be taken out.
- (2)  : Turn the switch to “  ” the engine will be shut-down and the key can be taken out .
- (3) The handlebars can not be moved and engine can not be started.



FUEL LEVEL INDICATOR ②

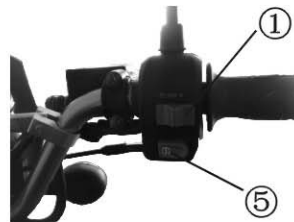
It indicates the amount of fuel in the fuel tank. When the pointer is at “F” position it indicates that there is $5.5L \pm 0.1L$ of fuel in the fuel tank. When the pointer is at the red section it indicates that there is about 1.3L of fuel in the fuel tank and refilling is necessary.



ILLUMINATION SWITCH ①

The illumination switch has three positions “☞” “☛” and “●” .

☞ : When the switch is at this position the headlight, tail light, panel lights are on . ☛ : When the switch is at this position the pilot lights, tail light and panel lights are on . ● : When the switch is at this position the headlight, tail light, pilot lights and panel lights are off.




BEAM SWITCH ②

Press  button the hi-beam is on.

Press  button the low beam is on.

Press “PASSING” button, the overtaking signal is on.

TURNING LIGHT SWITCH ③

Press the switch to  left turning light is on.

Press the switch to  right turning light is on.

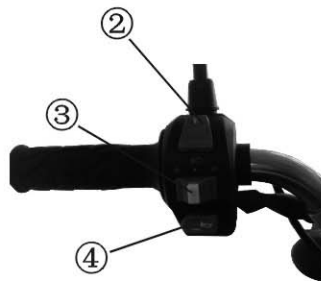
Press the switch down, the turning light will be off.

HORN BUTTON ④

Press this button ,the horn will be acted.

STARTING BUTTON ⑤

Press this button, electrical starter will run and engine will be Started. For starting procedures please refer to page 19.



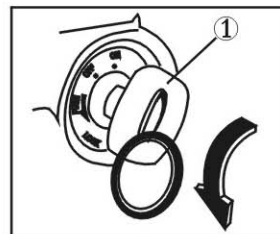
MOTORCYCLE LOCK

Turn the handlebars to the uppermost left . Press the start switch key ① and turn it to LOCK so that the handlebars can not be moved. For unlocking do conversely.



SEAT LOCK

To open the seat, insert the start key ① into the key hole ② at the back of the seat ③ and turn the key clockwise.



NOTE: Lock the seat When starting to drive the motorcycle.



GMLILTI-PLIRPOSE CASE:

NOTICE:

- Do not load stuff more than 3kg.
- It is very hot on the case. Do not deposit any article which can be easily burned.
- If use high pressured water to wash, it may easily be wet.



REAR COMPARTMENT

Open the compartment

Insert the start key into the lock and turn it counter clockwise.

The rear compartment ① opens.

Close the compartment

Insert the start key into the lock and turn it clockwise and push it forward ,The rear compartment will close.



INSPECTION BEFORE DRIVING

To ensure the machine performance and safety a routine inspection shall be performed before daily driving.

FUEL LEVEL

When refilling is necessary, open the fuel tank cap ① for refilling and check for any leakage.

FUEL TANK CAPACITY 5.5L±0.1L

After refilling tighten the cap clockwise aligning with the mark “△”

NOTICE: Only gasoline can be filled with, Never fill the tank with mixed fuel of gasoline and oil.

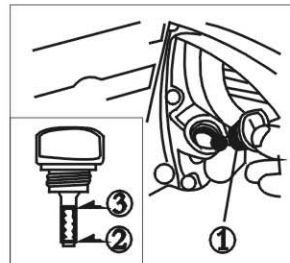
Note: Use fuel with octane-number 90 or 95, Do not allow any dust, water or other pollutants entering into the fuel tank when refilling.

WARNING:

- Gasoline is flammable and it may be exploded under certain conditions . Therefore refilling shall be made in a well-ventilated area after the engine has been shut down . Smoking or lighting a spark is forbidden in gas station or fuel storage area.
- Do not overfill the tank, The amount of refilled fuel shall be kept below the full mark. Tighten the cap after refilling.
- Gasoline is poisonous. Faint or death may occur if gasoline is swallowed. Do not breathe in the vapor of gasoline.Keep your skin away from gasoline. Keep it away from children, If gasoline is swallowed , see a doctor immediately and do not try to vomit it out.

CHECKING ENGINE OIL LEVEL

- Park the motorcycle on level surface and support it by central stand. Take out oil plug/oil gauge stick①. Insert the oil gauge stick into the filler after wiping it with clean cloth.
- If oil level is at the LOWER mark ② , fill the crankcase with SAE 15W-40/SF engine oil till the oil level is up to the FULL mark③. Reinstall the oil plug/oil gauge stick into the filler and tighten it. Check for any leakage.



BRAKE

Front Brake

Check the Braking Fluid level

The braking fluid level must be above the LOWER mark ①.

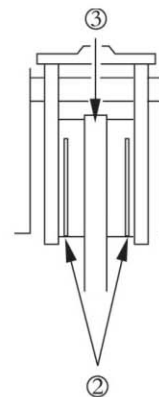


NOTICE: Only DOT 3 or DOT 4 braking fluid can be used.

Check the Wear of Brake Lining and Brake disk ③:

If the brake lining is worn out to the limit ②, consult the local dealer for replacement.

WARNING: If the braking action Of the brake lever feels spongy, it indicates troubles in the braking System. Consult the local dealer for repair or replacement immediately.



The Free Travel of Rear Brake Handle Bar

Measure the moving distance of the top of brake handle bar between its natural position and functioning position. The distance ① shall be 10 to 20mm.

NOTE: The free travel of brake handle bar is 10 to 20mm

Free travel adjusting nut ②

Increasing free travel

Ⓐ Decreasing free travel

Ⓑ Brake Worn-out Mark

Arrow mark ①

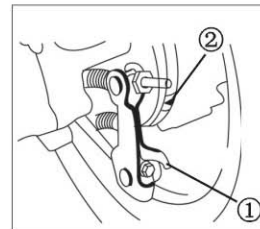
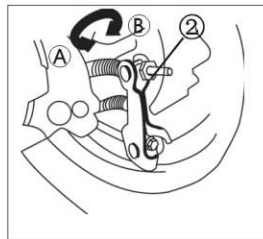
Reference mark ②

If the arrow mark ① and the reference mark ② are in alignment when the brake pedal are pressed down completely, the brakes shall be replaced.

NOTE: The brake maintenance shall be done by the local dealer.



①



TIRE

Only tires marked with Tubeless Tire Applicable can be used.

Proper tire pressure will provide you maximum stability, riding comfort and longer tire life. Check the tire pressure periodically. Inflate them if necessary.

- NOTE:
- Check the tire pressure while the tire is cool.
 - Tubeless tire has a certain self-sealing function . if the tire is punctured it will leak slowly.
 - Check frequently if the tire is punctured specially when the tire can not be inflated properly.

		Front tire	Rear tire
Tire size		110/80-10	110/80-10
Tire pressure	Only the driver	1.50(200kpa)	2.00(225kpa)
Under cool state(kg/cm ²)	With one passenger	1.50(200kpa)	2.50(225kpa)

Check for sliced mark on the tire surface or nail or other sharp objects on the tire and for any defects or damage of the rim. If any case above mentioned is found out, consult our local dealer for repair or change and adjusting the balance of the wheels.

- WARNING:**
- Over inflation will cause irregular wear of the tread. Which may result in accident. where as low inflation pressure may cause tire slip and come off the wheel.
 - Driving with excessively worn-out tire may cause danger due to decreased traction and steering stability

Should the tread height at central surface is below the following range, the tire shall be changed.


Tread height	
Front	1.5mm
Rear	2.0mm

STARTING THE ENGINE

Park the motorcycle with the central stand. Hold rear brake bar tightly and pull out the brake lock knob.

NOTE: Only the brake bar is held tightly that the engine can be started by electrical starter.

WARNING: Should the rear wheel not be braked or not be on the ground, it may run. Body injury may occur if any person contacts the running wheel.

- Turn the start key to .
- Press the starting button.

NOTE: ● Release the starting button as soon as the engine is started.

- Do not press the starting button after the engine has been started. Otherwise the engine may be damaged.
- The engine can be started by the starter only when the rear brake bar is held tightly down.
- Do not crank the engine for more than 4 seconds. If the engine does not start allow the starter to cool for 10 seconds. Then open the throttle a little bit and try to restart.
- If the machine has been suspended from service for a long time or there is no fuel in the fuel tank, the starting time will be a little bit longer.

NOTE: Do not release the rear brake pedal before the motorcycle starts to run.

DRIVING THE MOTORCYCLE

WARNING:

- When the motorcycle is being ridden or has just stopped the muffler is very hot. Contacting the muffler may cause serious burn. Therefore please wear trousers, avoid contacting the uncovered part of the muffler.
- Do not wear loose clothing, which may result in the sleeves or trouser legs getting caught without controls, rear brake pedal and foot steps or getting caught in the wheel.
- Any attachments to be installed on the motorcycle must be in accordance with the regulations of the local traffic administration.
- Any attempt to refit or disassemble the original parts to or from machine will cause danger.

PROCEDURE

1. Push the machine forward by the handlebars with the rear wheel braked and the central stand will return.

NOTE: The engine may get damaged if it runs over the necessary time.

2. Sit on the seat with left foot on ground.

NOTE: Do not release the brake before the motorcycle starts to run.

3. Press down the brake pedal. Press the central button and release the brake lock knob.
4. Twist the throttle rearward for acceleration and release the throttle for deceleration.

WARNING

- The rear wheel will continuously run or run against the ground if it is not braked properly. Body injury may occur by contacting the running wheel. Do not accelerate the motorcycle sharply, which may result in losing control.
- Push up the side stand before starting to run.

BRAKING THE MOTORCYCLE

1. Deceleration the throttle

Release the throttle to decrease the running speed of the motorcycle and engage the front and rear brakes simultaneously. This is very important


WARNING: It will be difficult to control or stop the machine when riding on wet or soft road or in rain. Therefore you should be careful when making turning accelerating or braking in the above mentioned conditions.

2. Engage the front and rear brakes simultaneously.

NOTICE: When driving the motorcycle to a steep, close the throttle and engage the front and rear brakes simultaneously. Do not brake continuously, Otherwise the brakes will be overheated resulting in lower braking efficiency.

WARNING: The front and rear brakes shall be engaged simultaneously. The braking efficiency may be decreased if only one brake is applied. Engaging brake too frequently will block the wheel and decrease the performance of the motorcycle.

ENGINE SHUTDOWN

- 1.close the throttle.
- 2.turn the start key to  .

PARKING

When parking to motorcycle turn the start key to  and lock the handlebars(refer to page11).

WARNING: The motorcycle shall be parked on hard and level surface. Otherwise body injury or machine damage may occur.

MEASURES AGAINST THIEF

1. Lock the handlebars and never leave the key in the start switch.
2. Check if the registration of the motorcycle is correct or overdue.
3. Leave the machine in garage if possible.
4. Use best thief-proof equipment.

MAINTENANCE INTERVAL TABLE

The maintenance interval table is based on accumulated mileage and is the guideline for maintenance and lubrication of the motorcycle.If the motorcycle works in rough conditions at high speed for a long time,the maintenance intervals shall be shortended.Please consult local dealer for maintenance if driving in rough conditions.If the motorcycle is overhauled or collided,send for the technicians of the local dealer to check if the mail parts are damaged such as the framed,handlebars,bumpers and etc.

If the exhaust emission concentration is over the standard limit, test and repair must be carried out in a well-fabricated center in accordance with the specified procedures.

NOTICE: To remain the reliability and safety of the motorcycle, never refit the machine.

WARNING: To avoid injury, maintenance shall be performed after the engine has been shut down and the motorcycle is parked on a level surface.

NOTICE: If the motorcycle is suspended from service for more than one month, maintenance shall be carried out to prevent the fuel, tire and battery getting deteriorated or eroded.

Maintenance Interval Table

Perform the instructions in the Inspection Before Driving section (refer to Page 20) prior to each periodical maintenance. The meaning of the letters listed in the table are as follows;

I: Inspecting . cleaning, adjusting, lubricating or replacing when necessary.

C: Cleaning R: Replacing

A: Adjusting L: Lubricating

NOTE:

* All the maintenance can be done by the driver himself or herself unless he or she is a qualified technician with complete set of tools and reference manuals. Otherwise the maintenance or service shall be done by the local dealer.

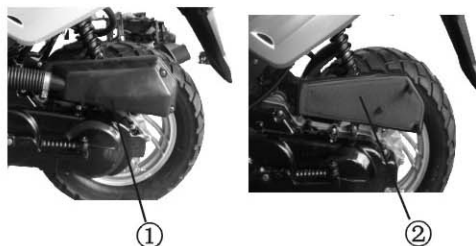
** All the maintenance shall be done by the technicians from the local dealer.

1. If the odometer readings is reached first, perform the periodical maintenance.
2. If environment is humid or dusty the maintenance intervals shall be shortened.
3. If riding frequently on bumpy road. maintenance must be performed.
4. Change by qualified technicians every two years.

Item	Interval	Odometer Reading(kms)/month[1]				Refer to Page
		1000	4000/6	8000/12	12000/18	
*	Fuel pipe		I	I	I	
*	Throttle		I	I	I	
	Air cleaner[2]	C	C	R	C	26
	Spark plug		I	R	I	28
*	Valve clearance	I	I	I	I	
	Engine oil	R	R for Every 3000km			26
*	Oil screen				C	
*	Carburetor Idle speed Ass	I	I	I	I	
	Coolant[4]			I		26
*	Cooling system			I		
	Driving belt	I for every 8000kms, C for every 24000kms				
	Box type air cleaner		C	C	C	26
*	Gearbox lubrication oil[4]					28
	Brake shoe		I	I	I	15
	Brake system	I	I	I	I	15
	Braking light switch		I	I	I	
*	Brake lock	I	I	I	I	
*	Illumination lights		I	I	I	
**	Clutch			I		
	Side stand		I	I	I	
*	Bumper		I	I	I	
*	Bolts,nuts,fasteners[3]	I		I		
**	wheel and tire		I	I	I	
**	Steering fork bearing	I			I	

MAINTENANCE AIR CLEANER

1. Loosen air cleaner cover screws and remove the cover ①
2. Take out the filter element ②.
3. Install a new filter element and tighten the screw .
4. Reinstall the air cleaner cover and tighten the screw.



BOX TYPE AIR CLEANER

1. Remove the rear left side hood.
2. Loosen screw remove air guide cap and take out the filter element.
3. Clean the filter element with nonflammable or high flare point solution.
Then dry it naturally.

WARNING: Never clean the filter element with gasoline or low flare point solution.

NOTICE: Do not smear the filter element with any lubricating oil or other grease, which may result in the damage of the driving belt.

ENGINE OIL

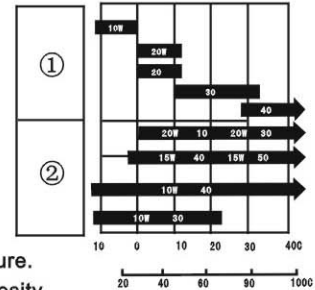
High quality engine oil is of ideal performance. Only high quality motorcycle engine oil SE or SF Grade with high de-pollution performance can be used. No additive is needed.

Recommended engine oil:

SE Grade	SAE15W-40
SF Grade	SAE15W-40 SAE20W-50

The viscosity of the engine oil shall be in accordance with the local temperature.

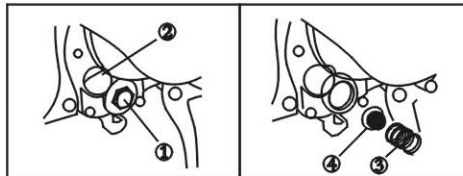
The Figure on the right provides a guideline for selecting the engine oil viscosity for different atmospheric temperature.



CHANGING ENGINE OIL AND CLEANING OIL SCREEN.

Crankcase capacity: first filling 1.0L , periodical changing 0.8L

- Changing Interval: first time at 1000kms, then at each 3000kms.
- Park the motorcycle with central stand. Drain the crankcase with oil warm. The warm oil allows for the complete draining.



1. Remove the oil plug/oil gauge stick ② and oil screen cover ①.

NOTE: With the oil screen cover being removed, the oil screen ④ and the spring ③ can be taken out.

2. Clean oil screen with solution.
3. Reinstall the oil screen , spring, the oil screen cover and the draining plug.
4. Refill the crankcase with qualified engine oil till it reaches the UPPER mark② .
5. Reinstall the oil plug/oil gauge stick.
6. Start engine and allows it run for a few minutes at idle speed. Shut down the engine.
7. The level of the engine oil must be at UPPER mark without any leakage.

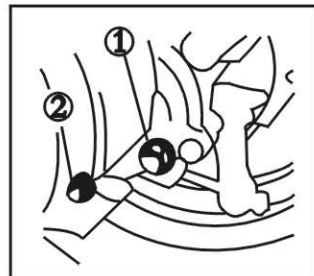
CHANGING GEARBOX OIL

Recommended Gearbox oil:SAE 10W -30/SE

USE THE FOLLOWING PROCEDURE WHEN CHANGING OIL

1. Park the motorcycle with the central stand.
2. Remove filling plug① and draining plug ②.

**NOTE: Drain the gearbox with oil warm
Warm oil allows the complete draining.**



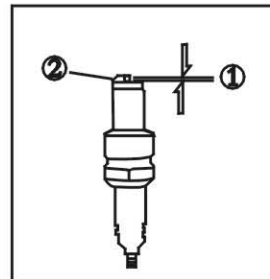
3. Wipe draining plug clean and reinstall it.
4. Refill the gearbox with new oil through the filling plug hole till it overflows the hole.
5. Reinstall the filling plug.

SPARK PLUG

Type of the spark plug: A7RTC

Use of the following procedure for maintaining the spark plug.

1. Remove the spark plug cap. Unscrew the spark plug with the special wrench in the tool kit.
2. Check the electrode and the central ceramic point for dust deposit, soot deposit and worn-out. If necessary replace the spark plug. Clean off the soot deposit on the spark plug with spark plug clear or brush.
3. Measure the spark plug gap with a feeler gauge. Bend the side electrode ① to adjust the gap ① to be within 0.6 to 0.7mm.



REPLACING THE FUSE

The main fuse is located in the startirtg relay, under the seat with rated current capacity of 15A.

Should the fuse be burnt frequently. It indicates short circuit or overload in the electrical system.

In this case consult the local dealer for repairing.

NOTICE: Turn the start key to OFF when checking or replacing fuse to avoid unexpected short circuit.

Replacing the main fuse: remove the used fuse and install a new one.

WARNING: Only use the fuse of specified current capacity. Using incorrect fuse may result in damaging the electrical system, or headlamp and engine or causing fire. Incorrect fuse may cause illumination light or engine failure during night driving.

TOOL KIT

The tool kit is located in the rear compartment below the seat. The tools in the tool kit can be used for repairing, adjusting or part replacing. Tools in the tool kit include 8×10mm open end wrench, socket screw wrench, screw driver , screw driver handle .

SERIAL NUMBER LOCATION

The serial numbers of the frame and the engine are used for the machine registration, applying driving license and ordering parts.

It's affixed in the Front right side of chassis with two rivets. The engine serial number ② is engraved on the crankcase and the frame serial number ③ is engraved on the main frame tube below the glove compartment.

Frame serial number _____

Engine serial number _____



①



②



③

GUIDELINE FOR MACHINE STORAGE

If the motorcycle will be suspended from operation for a long period of time.

Such as in winter, some necessary measures shall be taken to prevent part damage or out of order.

In addition certain repair is necessary.

1. Change engine oil and oil screen.
2. Drain the fuel tank and carburetor completely. Spray the inner surface of the fuel tank with anti-rust oil. Put on the fuel tank cap.

WARNIG: Under certain conditions, gasoline may become flammable or explosive. Therefore smoking or sparking is for bidden when draining the fuel tank.

3. Remove the spark plug. Refill the cylinder with 15 to 20ml of engine oil. Crank the engine for several times to spread the engine oil over the cylinder. Reinstall the spark plug.

NOTE: When cranking the engine, ground the spark plug with cap on.

4. Disassemble the battery, store the battery in a place where icing or direct sunlight can be prevented to protect the ignition system. Recharging the battery once each month.
5. Clean all the surfaces of the motorcycle and wipe them dry. All the painted surfaces shall be coated with wax and then with anti-rust oil.
6. Inflate the tires to the standard pressure. Lift the motorcycle and put wood blocks under the wheels.
7. Wrap the motorcycle with a cover made of non-plastic or non glue-coated cloth. Place the motorcycle in a dry, shady and cool environment without direct sunlight on the motorcycle.

RESUMPTION USE OF THE MOTORCYCLE

1. Remove the motorcycle cover. Wipe the machine clean. Change the engine oil if the motorcycle has been stored for more than 4 months.
2. Check the electrolyte level. Refill if necessary. Recharge the battery and then reinstall it.
3. Clean off the anti-rust spray on the inner surface of the fuel tank. Refill the fuel tank with gasoline.
4. Perform the procedures specified in Inspection Before Driving (page 13) and drive the motorcycle at lower speeds in a less traffic area.

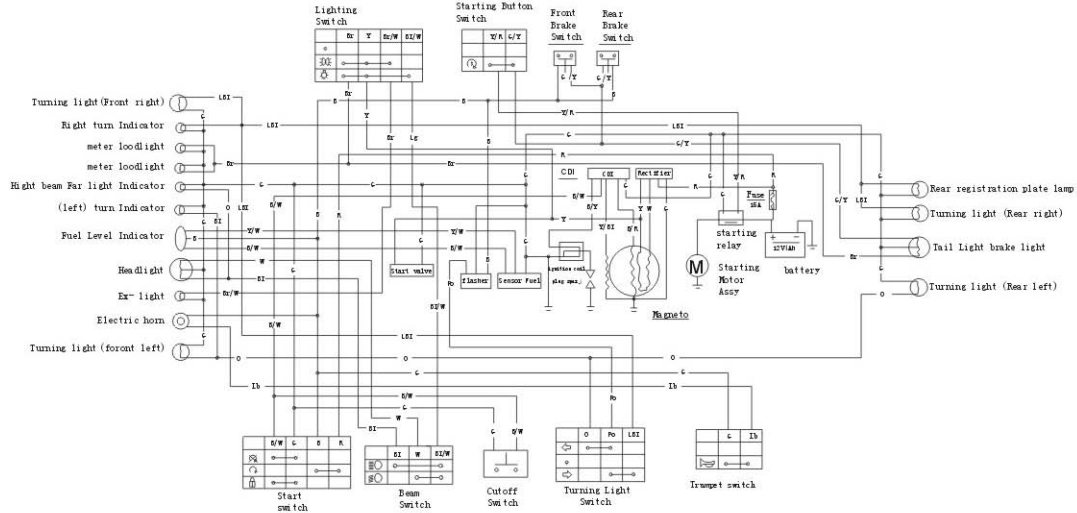
SPECIFICATIONS

Model	LJ50QT-L
Outline size(mm)	1730×750×1110
Axial distance(mm)	1190
Net weight(kg)	81
Max Load(kg)	235
Volume of fuel tank(L)	5.5L±0.1L
Driving method	Driving belt operation
Engine type	LJ139QMB
Engine type	1-cylinder, 4-stroke, force air-cooled
Displacement (mL)	50
Bore × stroke (mm)	39×41.5

Calibrated power (kw/rpm)	1.5/7500
Max. speed (km/h)	44
Fuel consumption (L/100km)	2.0
Idle speed (r/min)	1600 ± 100
Start method	Electric/Kick
Ignition method	CDI
Lubricating method	Pressure and splash
Lubricant	SAE 15W/40
Sparkplug type	A7RTC
Fuse	15A
Accumulator	12V 4Ah

Type standard	Front	110/80-10
	Rear	110/80-10
Braking method	Front	Disc
	Rear	Drum
Type of operate	Front	Hand brake
	Rear	Hand brake
Head light	Single light	12V 35W/21W
Turning light		12V 10W
Tail/brake light		12V 21W/5W
Speedometer light		12V 3W

LJ50QT-L Electric theory diagram



Note: Wiring might be changed slightly without notice
 G=green O=orange P=pink Y=yellow R=red W=white B=black
 GR=grey BI=blue Po=purple LBI=light blue Lb=light green
 Br=brown lg=Dark yellowish green

Note:Electric theory diagram,will change without notice.

MEMO

This Manual's instruction, pictures, specifications are all based on the new product information before republish vehicle can change without notice, ragrading to our company's technique, constant improving!

MEMO
