

# TRIGGERX

&

## *TRIGGER SM*

USER MANUAL



*generic*



**Attention:**

The first driving 1000km is very important for the whole driving life. With a careful driving you can improve the lifetime and power of the engine and the whole vehicle.

**Preface:**

Thanks for the choosing of Trigger motorcycle. We have absorbed the advanced technology abroad and domestic, to provide the happy and safety driving.

Driving of motorcycle is one of the most inspired sports, before your driving, you should sufficiency know every regulates and requirements in the user manual.

This user manual summarize the proper maintain and keeping, if you can operate according to this regulates, it will make sure your motorcycle will show its perfect effect and wear well.

Our company have the special technology and maintain department, it can provide you good technology maintaining service. Our company always keep the "make the consumer more satisfaction" quality tenet, and our company keep to improve the quality and effect, this maybe will make the change of the colour and structure, make the difference between the fact and the user manual, please understanding.

Please read the manual carefully and abide to the main points in it. We just use the "attention" "careful" "warning" and such words to stress the importance of every item, please take care of these words.

**Safety references**

This motorcycle is just used for road, don't use for competition or the user should be responsible for the result.

Please do the checking before starting the engine. This can prevent the accident and damage of machine.

The driver can drive when he passed the test of traffic control department and have the driving license, please don't lend them to the one who don't have the license.

In order to avoid the hurt of other motor vehicle, the driver should be noticeable, so please do the following:

Dress the colourful clothes.

Don't be so close to the other motor vehicle.

Apply to the every law and statute of nation and local.

Excessive speed driving is one of the most important reasons of accident. So please don't excess the maximum limited speed on road.

Please use the turning light to attract others attention when you change the driving line and turning.

Please pay more attention when you are driving on the across road, passageway of park and fast lane.

When you are driving, hold the handle by two hands and stamp on the footrest. The passengers should hold motorcycle or the driver, and stamp the passenger footrest.

If you refit or tear down the original spare parts, this will not keep the safety driving and also will effect the maintain evidence.

The collocate of accessory should not effect the safety driving and operating, especially the over loading of electric system will cause dangerous.

### Helmet and exposure suit:

To keep the safety, the driver must dress the helmet and should have goggle, boot, glove and exposure suit, also the passenger also must dress the helmet.

During the driving period, the exhaust system becomes heat, even when you stop the engine a moment, it still is heat, don't touch the exhaust system when it is heat. The driver should dress the boot or some thing can take care of leg.

Please don't dress the long and big clothes that is easy to be stripped by the control lever, foot starter or wheels.

Guard against theft

Please make sure to lock the frame lock and pull out the key

If possible, please put your motorcycle in a closed carport

Make a good quality lock to your motorcycle.

### VIN and Engine Number:

Write down the vehicle identification number in the user manual. These numbers might be important for the right spare part order of your dealer.

The VIN is craved in the right side of the front pipe. The Engine Number is craved in the left side of crankcase

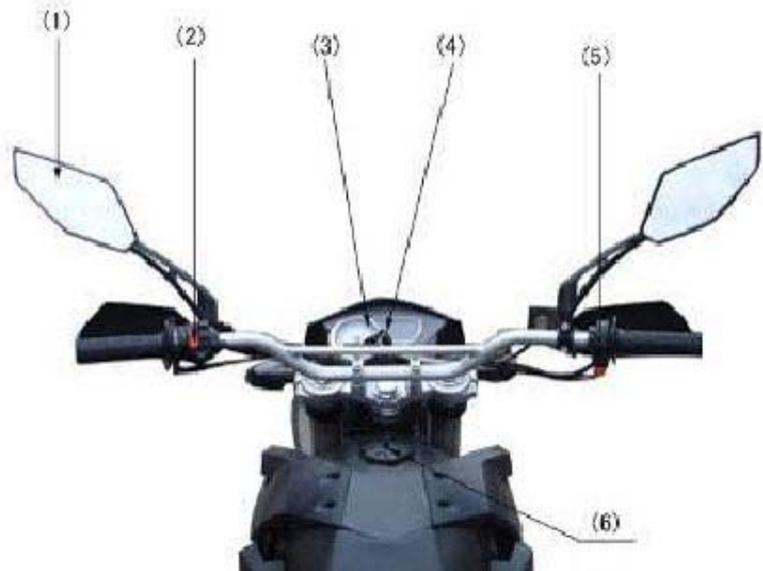
VIN: \_\_\_\_\_

ENGINE NR: \_\_\_\_\_



Location of the Parts:

- (1) Rear view mirror
- (2) Left handle switch
- (3) Speedometer
- (4) Steering lock
- (5) Right handle switch
- (6) Fuel tank cap
- (7) Clutch controller grip
- (8) Air cleaner
- (9) Seat lock
- (10) Front detent
- (11) Fuel tank lock
- (12) Gear shift footplate
- (13) Side stand
- (14) Water tank cap
- (15) Front detent handle
- (16) Rear detent
- (17) Kick starter
- (18) Rear detent pedal



## Main Parts:

Speedometer and indicator

### SPEEDOMETER

Indicates speed in km/h.

Odometer indicator

Indicates total distance

Turning indicator

When left or right turning signal is on

Far sight indicator

Lights up when blue far sight light is in the on position.

Near sight indicator

Lights up when green near sight light is in the on position.

Engine rotate speed alarm indicator

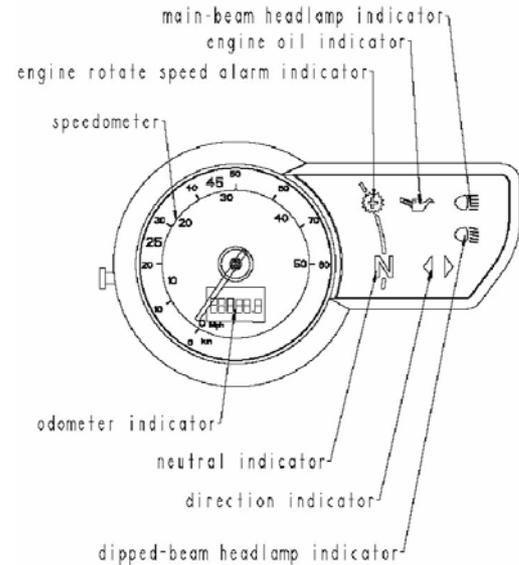
When engine rotate speed is too high the red light is in the on position.

Neutral indicator

When derailleur on neutral the green light is in the on position

Oil indicator

When the oil level in the tank case has dropped below minimum the red light is in the on position.



Main switch  
power switch

" (off) : all the electric parts are off



" (on) : engine can be started.



Steering Lock

Turn handle bar to the left, insert key, push down and anticlockwise turn, draw the key out when locked.

 WARNING :  
DON'T IMPEL WHEN MOTORCYCLE IS  
LOCKED,OTHERWISE MOTORCYCLE  
MAYBE WILL OVERTURN

 CAUTION :  
MAKE SURE TURING LOCK IS LOCKED  
WHEN PARKING

## LEFT HANDLE

### Dimmer Switch

Turn switch to "☉" position, the head light work, Meanwhile, high beam indicator on instrument panel will light. Switch to "☉" head light goes downward and works. When switch is on "☉", the head light works in middle and this indicates the vehicles that are passed.

### Turn signal switch

Switch to "←", the left signal light indicates ; Switch to "→", the right light and the indicator light indicates. Switch to middle will stop the right light and the indicator working.

## WARNING

Please make sure use turn signal lights while turning or changing lanes. It cannot stop automatically, return it to original position after use, and turn off the signal lights.

### Horn button

Press the button, the horn will hoot.

### CHOKE SWITCH

Adjust the choke  according to the direction showed by the symbol.

## RIGHT HANDLE

### Electrical starter switch

Press Electrical Starter Switch , the motor running and you can start the engine.



## FUEL TANK SWITCH

### ●OFF

When the fuel switch is on the position "●" no fuel runs to the carburettor. Please turn off the switch when you don't ride the motorcycle.

### ☰ON

When the switch on the position "☰", the fuel will be poured into carburetor from the main fuel tank.

### ☷RESERVE

When the switch on the position "☷", reserve fuel tank will work.



### WARNING

After you switched to the ☷ position urgently fill the fuel tank again. After filling, the switch should be turned to ☰ (ON) position.



## FUEL TANK CAP

When filling fuel, please turn the cap to right side. After filling, please turn left for tighten.

### NOTICE

Please use fuel with 95 Oct at least or the higher standard kinds of fuel.

### WARNING

Fuel tank can not be excessively filled. It is very dangerous to spatter fuel to the hot engine.

### WARNING

When fill the fuel, the engine should be ended and turn the ignition key to the "off" position ~~⊗~~.



## KICKING START LEVER

There is a kicking start lever at the right side of engine, but you only can kick it when engine is in GEAR N

### NOTICE

After starting the engine, the kicking start lever should returns to its normal position.



## SIDE STAND

Side support is at the left side of vehicle. When vehicle stops, please kick the side support down. When you make the vehicle stand-up, side support will be back automatically.

## NOTICE

Do not stop the vehicle on a downward ground, this may turn over the vehicle.

## GEAR SHIFT LEVER

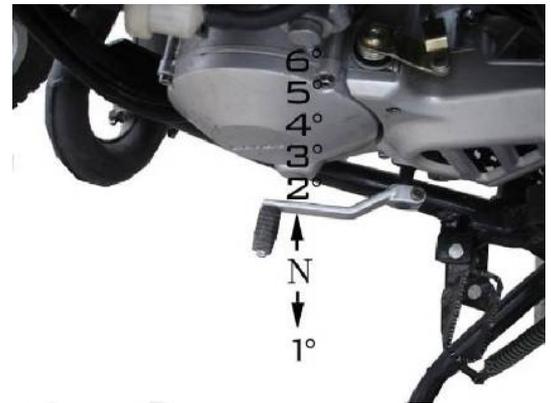
This vehicle has six gears speed gear-box. The operating as the picture shows. After selected one gear speed, the gears pedal returns automatically, so that the next gear level can be easily selected

Step the Gear Changing Pedal down from the idle position; it enters into the low speed level. The gear changes into the next high speed level with every rising Gear Changing Pedal. This gear-box does not allow to change the more gears once.

Before changing to low speed level, you should slowdown the motorcycle. Increase the engine rotate speed before joint the clutch, and it can prevent the unnecessary abrasion between the transmission chain system and the rear tire.

## CAUTION:

When the gear-box is in the idle position, the indicator light lights, it's necessary to loose the clutch lever slowly to make sure the gear-box in the idle position.



## **BRAKE HANDLE AND BRAKE PEDAL**

Turn down the brake handle, this will brake the front wheel and the brake light works.

When stepping on the brake pedal the rear wheel brakes and the brake light works.



## **SEAT LOCK**

Insert the key to the lock and turn to open it. Then lift the rear part of seat up.

When you want to lock the seat, press down the rear part of seat.



## **TOOLS KIT**

The tools are in the toolbox (Pic.A) under the seat. You can use them for adjustment and repair.



A

## Checking before driving

Before driving your motorcycle, you must check it as followings. Don't neglect the importance of checking and complete it before driving.

content	Inspection focus
Handle Bar	1) steady 2) turning agile 3) have not become less crowded
Brake System	1) handle and footplate have the right gap 2) the response of brake is sensitive 3) have adequate brake oil
Tires	1) air pressure is right 2) proper depth of tire carving 3) no abnormal abrasion
Fuel Amount	Adequate fuel amount for driving given distance
Lamplight	operate all lamps-front light, rear light, brake light, turning light and so on
Indicator Light	Far sight indicator , gear indicator , turning indicator
Horn And Brake Switch	Function is right
Machine Oil	machine oil in the right level
water tank	adequate coolant
accelerograph	1) accelerograph tightwire have right clearance 2) appropriate acceleration/deceleration response
clutch	1) tightwire windage appropriate 2) operate smooth
Transmission chain	1) appropriate degree of tightness 2) appropriate lubricate

## Key point of driving

### Starting the engine

Check whether or not the fuel switch is on the position of "Ⅱ", put the key into the switch and turn the position of "○", let the transmission gear on the zero position and the neutral indicator is on.

When engine is cold set the choke on the close position, use the kick-starter or the electric starter to start the engine. Then set the choke on the midway position in order to warm the engine. At last set the choke on the open position, if the engine operates smoothly, it implies the warmed engine.

When engine is warm open the accelerator 1/8—1/4 turn, start the engine. In that case, it is no need use the choke system.

### WARNING

Don't start the engine in an airless or air tight room. Don't leave your motorcycle unattended, especially not with the engine ON or the key inserted.

### CAUTION:

When no driving, don't let your motorcycle operate excessively, or less it will become very hot, in that situation, the parts of the engine may be damaged.



### Driving the motorcycle

Grip the clutch handle, stay for a moment and kick the gear lever adown to the first gear. Turn the steering handle towards the diver, at the same time, undo the clutch handle, the motorcycle will move.

### Use the gear changing system

Gear changing system can make the engine running at the normal range. The driver should chose the right speed according the situation and let the engine running at the normal range rather than change the clutch in order to increase the speed.

#### Driving on the slope

When driving on the slope, the motorcycle decreases the speed and seems inadequate power, in that case, please change the lower gear so that keeping the power. When driving downhill, please change the lower gear in order to break easily. Please don't let the engine's rotate speed too high.

#### Using the brake system and stopping the motorcycle

Shut down the accelerograph, turn the steering handle against the driver, use the brake systems equably, change the lower gear to reduce the speed.

Before the motorcycle stopping, grip the clutch; change the neutral gear, checking the neutral indicator is ON.

#### CAUTION :

The driver lack of experience may only use the rear brake, it may let the brake wear quickly and longer distance before stopping.

#### WARNING

Only use front brake or rear brake is dangerous, this may bring skid or out of the control. During driving on the dank or slick rode and the corner use the brake system carefully. Brake suddenly is very dangerous!

Stand your motorcycle on a flate, even surface.

If the motorcycle must stay on the slope, change the gear to the first gear to prevent roll down. Before start the engine change it to the neutral gear. Let ignition switch on the position of "X". Take away the key. Turn the fuel tank switch on the position". Lock the handle bar lock.

#### WARNING

The higher vehicle speed, braking distance will be proportional to the increase. Please confirm your vehicle or object in front of you with the safe braking distance

With regard new motorcycle at the beginning 1,000km, don't abuse the engine, don't let it exceed the maximum speed of 80%; don't use it when the choke on the open position, at the same time change the gear appropriately. If you use the motorcycle using carefully at the beginning time it is benefitable to extend the service life.

#### Caution :

At the first 300 km, please clean Oil Filter and adjust valve clearance according the request.

## CHECKING AND MAINTAINING:

The following table shows the regular maintenance time accord the kilometers traveled.

When the times drawing near, please check lubricates and maintain according the instruction. Redirector system, supporting and wheel system is the key parts and request technical staff maintain them.

We suggest you consign sales department or qualified technical staff to check and maintain it  
Maintenance schedule

I : check、 clean、 adjust、 lubricate or replacing; C : clean; R : replacing; A : adjust; L : lubricate

A new motorcycle after the 1000km, must operate the correct maintain according the instruction.

schedule content Maintenance	Maintenance schedule	Mileage km ( )			
	remarks	1,000km	4,000km	8,000km	12,000km
* Fuel pathway			I	I	I
* Fuel filter			C	C	C
* Reed valve			I	I	I
air cleaner			C	C	C
spark plug			I	R	I
Gear oil		I	R	R	R
* Oil filtrate		C			C
* Carburetor		I	I	I	I
* battery			I	I	I
Brake system		I	I	I	I
* spotlight			I	I	I
clutch		I	I	I	I
* Brake light			I	I	I
chain		Per 1000km:I、 L、 A			
* hose of brake		I	I	I	I
		Replacing after 4 years			
* The oil of the brake		I	I	I	I
		Replacing after 2 years			
Rear suspended carrier			I	I	I
* nut、 bolt、 crossbar		I		I	
* wheel		I	I	I	I
* Axletree of turning		I			I

## Oil

When the oil indicator is on, please fill oil into the sump.

As the right picture shows with a little pull,  
You can open the sump cap.

### CAUTION :

Only use the oil of you authorized Generic Dealer. Only use the right 2-Stroke engine oil. CASTROL Power 1 Racing



Gear box oil lever and replace the gear oil

### gear oil level

Before start the engine, please check the gear oil level.  
When check the gear oil level ,let the motorcycle stand on flat, oil lever should between maximum and minimum level, add SF lever SAE 85W90 gear oil to the maximum level if required.



### CAUTION

IT is easier to drain the engine oil when the engine is warm.

1. First remove the cap of the oil hole.
2. Screw bolt under the engine to drain the old oil.
3. Kick the engine some times to drain the oil cleanly
4. Add the proper oil, observing the lever, to the maximum lever.
5. Fix the cap.
6. Start the engine, Let the engine rotate a few minutes under idle conditions, then switch off the engine.



### Water tank

The cycle was adopted the form of water-cooling, it locates in the front of cycle, right. Please look at photo. Before riding motorcycle, please balance the cycle and check that how many water is there?

### WARNING

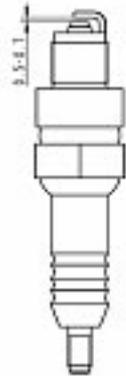
Don't open the cover of water tank when the engine is hot.



### Spark Plug

CAUTION: please don't screw the spark plug too strictly or intervene the worm, do this, it'll mangle the worm of the cylinder cover. When dismantle spark plug, please prevent impurity entering into the engine by spark plug.

Please take little wire or spark plug cleaner clear up stack of dust and adopt measure patch of spark in order to adjust electrode clearance and make it keep 0.5-0.7 millimeter when the cycle was steered 1000 kilometers and run every 4000kilometers. Please instead of plug when the cycle steered 8000km.



## Battery

The cycle's battery don't need maintenance, it is been installed in air cleaner box that locate in seats.

The battery doesn't need to check the lever of liquid and add electrolyte.

If you find the battery lacks energy and gives birth to jump-starting trouble, weak light and feebleness horn, please keep touch with dealer that authorized by QIANJIANG or maintenance sector. High frequency starting, steering in short distance, steering at low velocity for a long time, high-frequency of trigin or fit superfluity electricity component, these factors will make battery creep age ,increase load and shorten life-span



Gradation of checking battery:

- (1) Turn off motorcycle's switch
- (2) To dismantle side cover
- (3) Dismantle cathode at first, then dismantle anode
- (4) Take battery softly

When you want to fit battery, please do this according to reverse gradation. Replacing battery please keep touch with dealer that authorized by QIANJIANG or maintenance sector.

**WARNING:** If you must do a job approaching battery, you should wear rubber glove and glass to save skin and eyes.

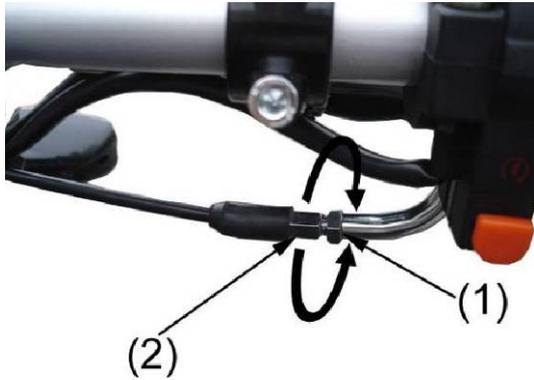
**WARNING :**

If you put battery's wire in wrong gradation, it'll bring on electric circuit system's broken red wire must connect anode, black wire should connect cathode. When you want to check or replace battery, you should turn off switch.

## The Regulation of Accelerograph Tight wire

1. When you want to check valve's artificial switch in the left, right of whole turning orientation, from whole opening orientation to whole closing orientation, whether they are agility or not.
2. To measure free extent of valve's artificial switch at side of valve's artificial switch. The standard of free extents:  $10^{\circ}\sim 15^{\circ}$

If you want to adjust free extent, you should relax screw and regulate adjustor

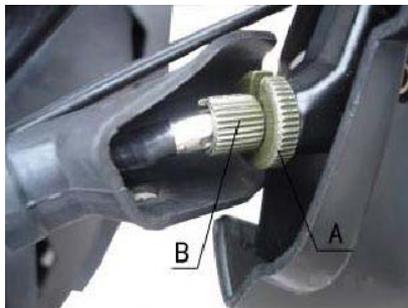


## Clutch's regulation

Before the clutch was become loosing, Clutch's free extent focus on clutch's controller, free extent is 10 to 20mm.

If you find it is abnormal, you can take the following adjustments:

1. To loosen lock nut A
2. To screw on or off adjust nut B, and then make free journey catch the stated requirements
3. To screw down lock nut A



## Driven chain

The life-span of driving chain depend on the proper lubricate and adjustment. Improper maintenance may result in earlier abrasion of driving chain and chain wheel.

### Driven chain's regulation

When you drive 1000 kilometers everytime,take the following step to adjust the laxity of the driving chain in order to maintain the vertical of driving chain between 10mm and 20mm.According to your driving condition, the driving chain needs adjust frequently.



#### WARNING :

This suggestion is maximal time alternation; you should check and adjust chain before every time you drive. Too much looseness can result in accident of taking off chain or heavy damage of the engine.

Take following step to adjust chain:

1. stand your motorcycle
2. To loosen back axes nut.
3. To loosen lock nut.
4. to regulate screw towards left or right in order to adjust chain's laxity, you must keep line between front wheel and rear wheel when you regulate chain. In order to help you to finishing this regulation process, in swing arm and reference mark on each chain regulator, they can aim at each other or as contrast from end to end.

After adjust chain endurance between 10-20mm, refax nuts of rear shaft and execute final examination.

ATTENTION: If necessary, check the abrasion of two chain wheel before replace with new chain. When execute when execute periodical checking, please check below steps:

- (1) Loosed pin
- (2) Broken idler wheel
- (3) Dry or rusty chain burl
- (4) Tweaked or blocked chain burl
- (5) Excessive dandify
- (6) Adjust chain

#### WARNING

Chain's nip is located in the openings; please fit it with reverse direction.

If above defects appeared which cause may dandify to the chain wheel.

Must check below:

- (1) Excessive worn gear.
- (2) Snapped or damaged gear.
- (3) Loosed fix up nuts of chain wheel.

Lubricate of drive chain

Drive chain lubricant is prior to other types of machinery oil or lubricant. It's available in most motorcycle distributors. Dipping each chain coupler to make lubricant saturate chain shutter, pin, bush and roller.

## Brake

Disc brake at the front and rear wheel. It's very important to operate brake correctly. Must check brake system periodically by qualified distributors.

Brake liquid

### CAUTION:

It's DOT3 or DOT4 liquid used in this vehicle. Don't use remnants liquid because which may absorb moisture in the air. Be careful do not spatter it on the surface of paint or plastics, it may cause corrosion.

Check the brake liquid; add some designated liquid if inadequate.



### BRAKE PARCEL

The essential of checking brake parcel is whether it worn to limit. For instance, replace new one when  $A < 1.5\text{mm}$ .

Front brake/rear brake's free extent.

The free extent of front brake handle is 10–20mm.

The free extent of rear brake footrest is 20–30mm

“Free extent” means the cross distance



Idle (footplate) when action. Brake handle (footplate) should not only have proper, but also can operate flexibly

Warning:

Do not drive as soon as replaced new brake parcel, let it extend to get handle right and make brake liquid recycle normally.



## BRAKE SYSTEM

### Warning:

We suggest you ask distributor to repair the brake system or parcel. They're more professional and can assure security

### Caution:

Disc brake system is applying high pressure brake. For the sake of security, replace pipe and brake liquid according to user manual strictly.

Please check below items everyday:

1. Check if there's liquid leaking exist in both front or rear wheel
2. Check if there's leaking or crack in oil pipe
3. Keep proper reverse support of brake handle and footplate
4. Check the wearness of brake parcel.



### Adjustment of rear absorber

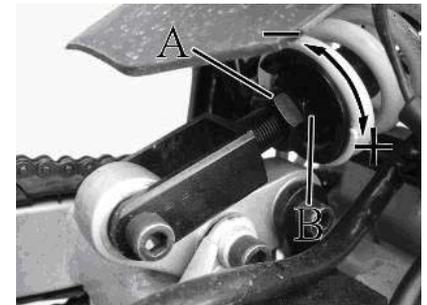
Please according to the arrowhead, execute force up from seat to check absorber, and do not press up from end of muffler which may cause damage to vehicle.

### Adjustment of rear absorber

Adjust the nut A and B to adjust absorber, loose A , then augment or reduce the load of absorber spring to adjust B , after that screw A tightly.

**Caution:** Do not adjust absorber when engine is operating, otherwise would scald by vent-pipe, if need on the way of driving, turn off power and wait till vent-pipe turn cool.

Please according to the arrowhead, execute force up from seat to check absorber, do not press up from end of muffler which may cause damage to vehicle.



### Taking care of Air filter

Air filter should be maintained in time, especially in the dusty or sandy area

1. Open the seat and disassemble the tail bar.
2. First disassemble the left rim bar on the lower place of motorcycle.
3. Turn the screws off (1), disassemble the cover of air filter off (2), and then take the filter out.
4. Put the filter in the clean washing oil for cleaning it, afterwards let it totally dry.
5. Put the filter in the clean gear oil till it totally soaked; later squeeze the superfluous oil out of filter.
6. Reassemble all the parts in the converse way.



### Caution:

Gas and low burning point flux is easy to burn, and can not be used for cleaning filter

### The modulation of head lamp

The modulating screw is under the head lamp, when modulating the lamp light, we use cross-screwdriver to modulate the light by driver the screw left or right.



### The replacement of head lamp bulb

First disassemble the lamp cover; disassemble the head lamp plate, then take out the bulb, replace a new one (same standard)

### The replacement of front and rear turning light

Disassemble the turning light from motorbike, driver the screw on the cover off, move the cover, then replace a same standard new bulb, and then reassemble the turning light

## The replacement of tail lamp

### Caution:

The cathode wire should be reassembled on the frame

Use the screwdriver to driver the screw off, then open the tail lamp cover, replaces a new same standard bulb on

### Attention:

When replacing the bulb, must need the same standard as the original, the higher power bulb will increase the possibility of battery decrease.

## The replacement of fuse

The fuse is located beside the battery, if the fuse does always break, that means that the electric cycle is inshort circuit or overload. Please contact us soon in order to mend in time.

### Alarm:

Do not use other fuse out of standard, that may cause serious negative effect even will burn lamp, cause fire, or causing losing engine power, it is very dangerous.

## The way of lubricating

Proper lubricate can maintain the excellent work of every part of motorbike, also can extend the time of using, increase the safety of driving. After long time driving, raining or water cleaning, we suggest you to do a lubricate. The details are below:

,Y Motorbike lubricant

,Z Fat lubricant

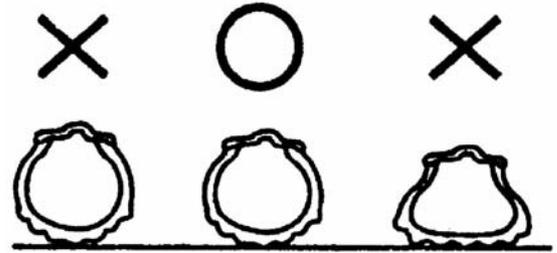
1. clutch handle shaft , Z
2. side stand connect bolt and string clasp , Z
3. shift bar shaft , Z
4. front break handle shaft , Z
5. throttle pulling cable , Y
6. rear break kit shaft , Z



## Tire

The proper tire pressure can provide stability, comfortable and durability of tire.  
Inspect the tire pressure, and adjust in time

Attention:  
Before riding, check the tire pressure.



	Front	Rear
Rider only	1,75 Bar (172Kpa)	2,0 Bar (196Kpa)
Rider with passenger	2,0 Bar (196Kpa)	2,25 Bar (221Kpa)

### Alarm:

Please do not try to mend the broken tire, or the balance of motorbike and stability of tire would be affected

The over inflation of tire may cause the abrasion and threat the safety, the less inflation of tire may cause skid or falling of tire, leading to serious effect.

Over-abrasive tire may cause decrease of adhering power, leading to serious danger.

When the depth of pattern in center tire reaches the measure as list show below, you need to change tire.

The minimum depth of tire pattern	
front tire	1.6 millimeter
rear tire	1.6 millimeter

## Guide of storing

Storing:

If need long time store, we need some maintenance action to maintain the quality of motorbike

1. Change the oil.
2. lubricate the driving chain
3. empty the fuel tank and gas in the carburettor  
Attention:  
If the storing time is over one month, in order to maintain the performance after storing, empty the gas in the carburetor is very important.  
Alarm:  
Gas is easy to burn and may blast in some condition. Please do not smoke or set fire spark when empty the gas or oil
4. Disassemble the spark plug, immit one spoon (15-20cm<sup>3</sup>) clean oil in the cylinder, operate the start shaft several time in order to extend the oil, and then reassemble the spark plug.  
Attention:  
When turning the engine, the start switch should be set in "X" place.
5. Clean and wipe the motorbike, smear wax on the place in paint.
6. Inflate the tire in suggested pressure. Put motorbike on the cushion in order to let the two tire off the ground.
7. Cover the motorbike (do not use plastic or coat material), store it in no-air condition, no-wet and stable temperature place. Do not store the motorbike in sun light

Storage end, use the motorbike

Take off the cover and clean the motorbike, if the storing time is over 4 month, need to change oil.

Take all the check before riding, to try the motorbike in safe place in low speed.

## SPECIFICATION AND TECHNICAL PARAMETER

### Measure and weight

Length:	2035mm
Width:	890mm
Height:	1230mm
Wheelbase:	1390mm
Weight:	111Kg

### Engine

Type:	single cylinder, two stroke, water cool
Engine number:	QJ1E40MB-2
Cylinder diameter×a stroke:	40.25mm×39mm
Exhaust:	49.6CM3
Nominal exhaust:	50CM3
Maximum power:	1.39kW/5500min-1
Maximum N/M:	2.6Nm/3000min-1
Ignition mode:	CDI
Compression ratio:	7.0:1
Starting mode:	electric start and foot kick start

### Transmission system

Clutch:	wet-multi-layer mode, six gear mode
First gear transmission ratio:	36/12
Second gear transmission ratio:	33/16
Third gear transmission ratio:	29/19
Forth gear transmission ratio:	27/22
Fifth gear transmission ratio:	25/24
Sixth gear transmission ratio:	24/25
Basic decelerate ratio:	71/20
Final decelerate ratio:	55/11

### Frame

Front shock absorber:	direct acting、oil damping		
Rear shock absorber:	suspending、oil air damping		
Front break:	liquid break		
Rear break:	liquid break		
SM:			
Front tire specification:	100/80-17,225KPa		
Rear tire specification:	130/80-17,225KPa		
X			
Front tire specification:	3.00-21	51P	RIM 21 x 1.85
Rear tire specification:	4.10-18	59P	RIM 18 x 2.50

## Electric system

Battery:	12V3AH
Generator:	flywheel everlasting magnetic
Head lamp:	12V35/35W
Tail lamp:	12V5/21W
Turning signal light:	12V/10W
Front parking light:	12V/5W
Rear license plate light:	12V/5W
Specific of horn:	12V1.5A

## Volume

Design maximum speed:	45km/h
Climb ability:	15°
Load ability:	rider and one passenger
Fuel tank:	10L
Engine oil:	1L
Design maximum load weight:	150kg
Fuel type:	95Oct or above



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