

FORWARD

THANK YOU for choosing our company's motorcycle!

This Owner's Manual introduces the proper operation, care and maintenance of your new motorcycle. We hope it will help ensure maximum life, safety and performance of your motorcycle.

Your authorized dealers will supply you with best technical information, guidelines and after-sale service.

All information, illustrations photographs and specifications contained in this manual are based on the latest product information available at the time of publication. Due to improvements or other changes, there may be some discrepancies in this manual. Our company reserves the right to make changes at any time.

We hope sincerely that you give us your opinion and suggestion in design, production and quality of this motorcycle, and inform us in time for improvements of our company's motorcycles.

- The rider and passenger

Rider capacity of your new motorcycle is one rider and one passenger. Do not overload.(Please refer to Main Technical Data: max loading)

- Please read this owner's manual carefully

Please pay particular attention to the following items:

- It may cause damage to parts and components and lead to accident if operating this motorcycle not in accordance with instructions shown in this Owner's Manual.

- This manual should be considered a permanent part of the motorcycle and should remain with the motorcycle when resold or otherwise transferred to a new owner or operator.

- We possess the copyright of this Owner's Manual. Copying this Owner's Manual without any written permission from the company is prohibited.

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SAFE RIDING RECOMMENDATION

FOR MOTORCYCLE RIDERS

Motorcycle riding requires that some extra precautions be taken to ensure the safety of the rider and passenger. Before each use, perform daily inspection with the rider. Specific items to check are listed in the INSPECTION BEFORE RIDING section of this Owner's manual.

▲ SAFE RIDING

1. Failure to inspect this motorcycle carefully before each riding may result in damage to the parts and an accident.
2. Do not permit anyone to operate this motorcycle without a license .
3. To avoid collision with other vehicles, note the followings while riding your motorcycle:

● Choose good quality motorcycle riding apparel in terms of riding motorcycle.

- Operate signal equipments accurately.
- Riding this motorcycle at excessive speed increases your chances of losing control of the motorcycle. Do not press the "PASS" switch at one's pleasure.
- Always use the signal or horn when you intend to change lanes or make a turn.
- Keep both hands on the handgrips and both feet on the footrests at all times while riding. Passenger should keep feet on the passenger footrests, or injuries resulting from accidents.
- Riding on bad weather days, especially wet ones, requires extra caution. Braking distances double on a

rainy day.

PRECAUTIONS

1. Make sure the rider wears a helmet, eye protection, and protective clothing (gloves, leather or heavy cloth pants, long sleeved shirt or jacket, boots) as well as the passenger.
2. Do not touch on muffler because it is hot. Make sure to wear protective clothing or boots.
3. Loose fancy clothing can be uncomfortable and unsafe in terms of riding your motorcycle.

▲ LOADING

Balance the load between the left and right side of the motorcycle to ensure safety and stability.

1. When carrying a load on the motorcycle, mount it as low as possible and as close as possible to the machine. An improperly mounted load can create a high center of gravity, which is very dangerous and creates serious stability problems and reduces safety factors.
2. Adjust tire pressure according to additional weight and driving condition.
3. Fasten the load securely to ensure stability of this motorcycle.

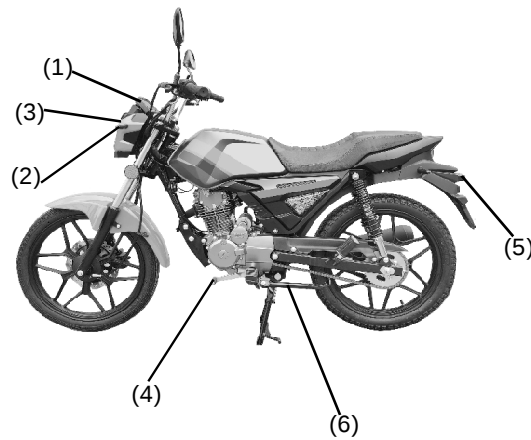
▲ MODIFICATION TO THE MOTORCYCLE

1. Tampering with modification to this motorcycle is prohibited.
2. Disobeying traffic regulations is prohibited.

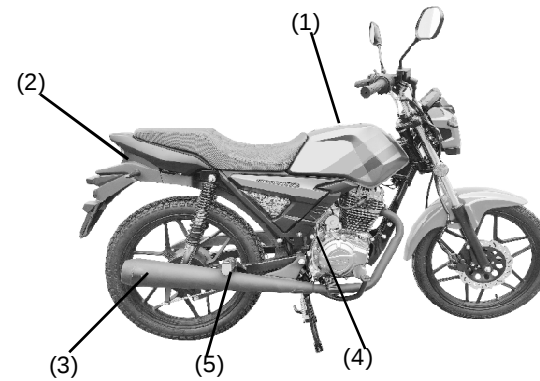
▲ ATTACHMENT

A set of tool kit.

NAMES OF EACH PARTS



- (1)Instrument panel
- (2)Front turn light
- (3)Headlight
- (4)Gearshift lever
- (5)Rear turn light
- (6)Side stand



- (1)Fuel tank cap
- (2)Taillight
- (3)Exhaust muffler
- (4)Start arm
- (5)After the shelf pedal

SERIAL NUMBER LOCATION

IDENTIFICATION NUMBERS

(1)Engine Serial Number:

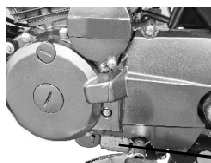
(2)Vehicle Identification Number(VIN):

(1)The Engine Serial Number is stamped on the left down-side of the crankcase assembly.

(2)The Vehicle Identification Number(VIN) is stamped on the left upside of the steering head tube.

(3)The frame number is stamped on right upside of the steering head tube.

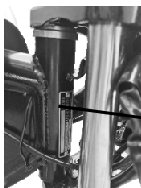
Please write down the Vehicle Identification Number(VIN)and Engine Serial Number in the box provided above for your future reference. They are also to assist your dealer in terms of ordering parts or referring to special service information.



(1)



(2)



(3)

Parts functions:

[Meters & Indicators]

(1) Zero knob:zero the short distance odometer.

(2) Odometer: record the total riding distance.

(3) Speedometer (odometer \ speedometer).indicate the riding speed.

(4)Left turn signal light indicator: turning switch is in the left the indicator will lightup.

(5) Right turn signal light indicator: turning switch is in the right the indicator will lightup.

(6) Remote light indicator“”:when the headlight switch is in “” position, the dimmer switch is in “” position,the remote light indicator will light up; when the switch is in “” position, the headlight dims, and the indicator is off.



(7) Ignition switch

“OFF”POSITION:All electrical circuits are cut off,the engine will not start. The key can be removed.

“ON”POSITION:The ignition circuit is completed and the engine can now be started. The key cannot be removed from the ignition switch in this position.

“LOCK”POSITION:To lock the steering, turn the handlebar all the way to the left. Push down the key to the “LOCK” position after come up again and remove the key.All electrical circuits are disconnected.

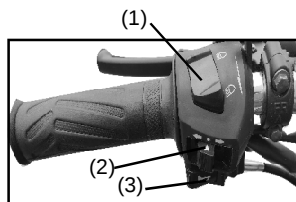
LEFT HANDLE SWITCHES

Dimmer switch(1)

High/Low beam lamp

When the dimmer switch is in the “D”position, the headlamp high beam and high beam indicator lamp on the instrument panel is on.

When the dimmer switch is in the “D”position, the headlamp low beam comes on and the high beam lamp is off.



Turn signal switch(2)

Using when turn left, right or change direction.

“←”position: The left turn signal lamp flashes and the left turn signal indicator on the instrument panel is on.

“⇒”position: The right turn signal lamp flashes and the right turn signal indicator on the instrument panel is on.

Horn switch(3)

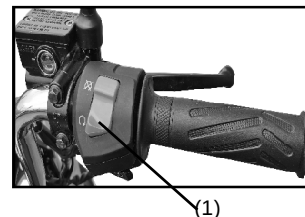
Press the switch to operate the horn.

RIGHT HANDLE SWITCHES

Light switch(1)

“☀”position:The headlamp, front parking lights and tail lamp is on.

“P” position:The front parking lights, and tail lamp is on.

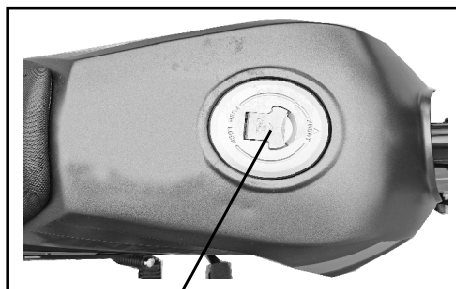


“ ” position:All lamps go off.

Fuel tank

The volume of the fuel tank 12L, including standby fuel oil. Need to open the tank cover, just insert the key and turn it 90° in clockwise, the tank cover can be taken out. Need to close the cover, please align the latch on the fuel tank cover with the groove on the oil filling neck, then press the cover down, finally take out the key.

The fuel brand is 15W/40Q. If there is no this fuel oil, low leaded standard gasoline can be used. Using the leaded gasoline can lengthen the service life of the spark plug and engine.



fuel tank cover

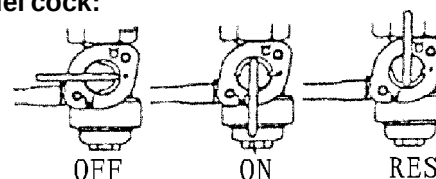
Attention

When filling the fuel oil, the tank should not be over-filled and the cover should be screwed tightly.

The gasoline is inflammables, when filling in the oil, the engine should be stopped and must be in the place of ventilation. Don't smoke or close to the fire source.

Before filling, the fuel oil should be filtered.

Fuel cock:



The 3-way fuel cock is set in left lower side of fuel tank. Put the cock handle to “ ” (close) position, the fuel feeding stopped. When the vehicle not to be used, the cock handle should be put to this position. When driving, put the cock handle to “ ” (open) position, the fuel feeding start (the fuel oil flow into the carburetor). Put the handle to “ ” position, Use low level fuel in the fuel tank (low level fuel can only be used when high level fuel supply is stopped). When the handle been put to “ ” position, please add the fuel oil as soon as possible, Because there is very little fuel at low fuel levels.

Attention:

After adding the oil, the cock handle can not be kept in “U” position continuously, or you will have no stand-by fuel oil for use.

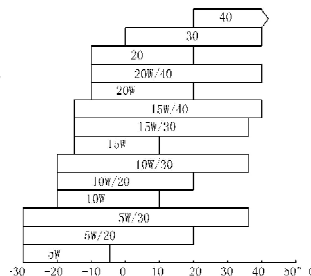
Please correctly use the fuel tank Lock, in order to avoid oil shortage during driving.

Engine lubeoil

The lubeoil is an important factor that have influence of the engine's performance and its service life. So it should be selected and used regulatly. Do not allow the ordinary engine oil. gear oil or plant oil instead. In different seasons, the oil of different viscosity should be used.

This vehicle is filled with 15W/40 QE oil when it is dispatched from the factory. If you want to change to another lubeoil, the quality should reach QE grade, see the illustration. When changing the oil, drain off all oil from the crankcase. After cleaning the crankcase with kerosene, fill the crankcase with new lubeoil.

If you can not purchase the 15W/40 QE oil, the HQB-10 instead (The temperature belows-10 ° , HQB-6) can be also used.



TYRE

Proper tyre pressure will provide maximum stability, riding comfort and tyre life.

Check tyre pressure frequently and adjust if necessary. Select the right replacement tyres in accordance with the specifications shown in the table 1.

Table 1

Front	Rear	
Tyre size	2.50-18	2.75-18

NOTE

Tyre pressure should be checked before you ride while the tyres are “cold”. Check the tyres for cuts, embedded nails, or other sharp objects. Check the rims for dents or deformation. See your dealer for change of damaged tyres or punctured inner tubes.

WARNING

● Do not attempt to patch a damaged tyre or inner tube. Wheel balance and tyre reliability may be impaired.

● Improper tyre inflation will cause abnormal tread wear and create a safety hazard. Under inflation may result in the tyre slipping on, or coming off from the rim causing tyre deflation that may result in a loss of vehicle control.

● Operation with excessively worn tyres is hazardous and will adversely affect traction and handling.

● The use of tyres other than those listed on the table 1 may adversely affect handling.

When the tread depth in the middle section of tyres reaches the limits in table 2 below, please replace tyres.

Table 2

Tread depth limits			
Front tyre	1.6mm/5mm	Rear tyre	1.6mm/5mm

OPERATING GUIDE

Inspection before riding

Before riding the motorcycle, be sure to check. The following items only need some minutes, it will save your time that repair the default in the riding, and keep your safe.

Check engine oil's position——According to need, put into lube oil, and check whether leakage or not.

Check fuel oil's position——According to need, put the fuel oil into fuel tank, and check whether leakage or not.

Check front and rear brake system——check front and rear brake system's operation Circumstance, to regulate the route of free travel.

Check tire——check front and rear tire's pressure, crack and cut.

Check storage battery electrolyte——check electrolyte's position.

Check throttle grip's action——check stanza air valve's

action, steel cable's Conjunction and handle's route of free travel, it is necessary to regulate and change.

Check illuminate and horn——check headlamp, taillamp, turn signal lamp, brake Lamp, indicator lamp and horn whether normal or not.

Check drive chain——check chain's tension, lube oil. If it has serious wear away and damage, it should be changed.

Check steering bar——check the steering bar's flexibility and stability.

STARTING ENGINE

WARNING: Don't start the engine in a narrow place, in order to avoid danger. Always start the engine with the transmission in neutral, or the parts will be damaged and cause to traffic accident.

Turn the fuelcock lever to the "on" position.

Insert the ignition key into ignition switch, turn to "↻" position.

Put the gearshift lever in neutral. the neutral indicator light (green) will on.

When the engine is cold, turn the choke lever to "close" position, until the engine work normally, return the choke lever to the beginning position.

Check tire——check front and rear tire's pressure, crack.

Check storage battery electrolyte——check electrolyte's position.

Check throttle grip's action——check stanza air

valve's action, steel cable's

Conjunction and handle's route of free travel, it is necessary to regulate and change.

Check illuminate and horn——check headlamp, taillamp, turn signal lamp, brake Lamp, indicator lamp and horn whether normal or not.

Check drive chain——check chain's tension, lube oil. If it has serious wear away and damage, it should be changed.

Check steering bar——check the steering bar's flexibility and stability.

WARNING: Don't step the start lever too powerfully, in order not to hurt foot and engine cover.

Open the throttle grip 1/8~1/4, then push the starter switch or foot starter lever. The choke lever is under the fuel tank, turn the choke lever to complete close when cold start, when the engine begins to work, return the choke lever to the beginning position right now.

To warm up the engine in the speed 1400r/min, until the choke lever turns to complete open, so that the engine will work normally.

WARNING: In the low temperature place, before starter, use the foot starter lever stir the Bent stalk, twist the ignition switch to "OFF" to close choke lever, then to open throttle.

Engine break-in

Your new motorcycle drive during the beginning 1000Km, don't make the engine bear too much load,

and make sure any gear lowers the best speed's eighty percent, to avoid the throttle grip open completely, and choose change speed, in order to release the engine bear too much load. In the beginning period make the engine break-in turning, after breaking-in, all engine components will be repaired, all adjustments will be restored, it will ensure optimum service life and performance from the engine.

Motorcycle driving

1. After the engine has been warmed up, the motorcycle is ready for riding.
2. While the engine is idling, pull in the clutch lever and tread the gearshift pedal to shift into low gear.
3. Slowly release the clutch lever and at the same time gradually increase engine speed by opening the throttle. Coordination of the throttle with clutch lever will assure a smooth and positive start.
4. When the motorcycle attains a steady speed, close the throttle, pull in the clutch lever and shift to 2nd gear by treading the gearshift pedal.
5. Coordinate the throttle with brakes for smooth deceleration.
6. Both front and rear brakes should be used at the same time and should not be applied strongly enough to lock the wheel, or braking effectiveness will be reduced and control of the motorcycle be difficult.

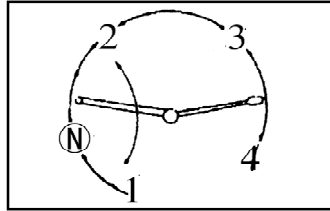
CAUTION

Gear shifting with the clutch engaged and the throttle

not decreased a little is forbidden, or damage of the engine, drive chain or other parts may result.

BRAKING

1. For normal braking, gradually apply both the front and rear brakes while downshifting to suit your road speed.
2. For maximum deceleration, close the throttle and apply the front and rear brakes firmly. Pull in the clutch lever before coming to a complete stop to prevent stalling the engine.



Inspection and repair

Check and replacement of engine oil

Engine oil level check

- (1) Stop the engine and hold the motorcycle with center stand vertically in flat surfaces.
- (2) Wait one minute. The level should be between F and L.

CAUTION: Inspect the engine oil level through the engine oil level lens.

The engine cannot start with insufficient oil.

Refuel engine oil between F and L level.

Replacement of engine oil and engine oil filter

Replace unused oil when the engine is warm in terms of drain the used oil in engine. The procedure is as follow.

- 1) Hold the motorcycle vertically with main stand in flat surfaces.
- 2) Remove the oil filler cap.
- 3) Drain the oil by removing the drain plug located on the bottom of the engine.
- 4) Tighten the drain plug, replenish with new engine oil. Tighten the filler cap. Do not over screw the filler cap.

NOTE: Without replacing filter element, 910ml of new oil is enough.

- 5) Start up engine by idling speed for a few minutes.

- 6) Stop the engine and wait a minute. Inspect the engine oil level through the engine oil level lens. Make sure that oil level is up to "F".

CAUTION: Be sure to use engine oil recommended in the section Replacement of spark plug.

SPARK PLUG

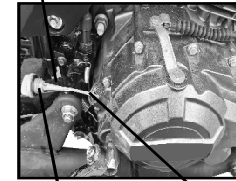
Selection

Spark plug recommended: D8RTC.

Check and replace

1. Disconnect the spark plug cap from the spark plug.
2. Clean any dirty from the spark plug base and around.

oil dipstick



top line bottom line

Remove the spark plug by using the plug wrench available in the tool kit.

3. Inspect the electrodes and center porcelain for erosion or carbon deposit. If the erosion or deposit is heavy, replace the plug. Clean a carbon deposit or wetfouled plug with a plug cleaner, or use a wire brush.

4. Check the spark plug gap using a wire-type feeler gauge.

If adjustment is necessary, bend the side electrode carefully.

The spark plug gap should be 0.6-0.7mm.

Make sure the plug washer is in good condition.

5. With the plug washer attached, thread the spark plug in by hand first to prevent cross threading, and then tighten it up by means of spark plug wrench.

6. Reinstall the spark plug cap.

CAUTION

The spark plug must be securely tightened. An improperly tightened plug can become very hot and possibly damage the engine.

Never use a spark plug with a improper heat range, otherwise , severe engine damage could result.

Clean the air cleaner element

Every 4000Km,at least clean the air cleaner element into engine oil one time. If you drive

0.6 - 0.7mm



your motorcycle in a dusty district, make sure more maintenance. Our company's repair station(point) will according to your driving condition, help you to decide right maintenance period.

Check and adjustment of throttle grip operating

Check the turning position of the throttle grip's two sides, whether it is steadily returning from all open position to all close position.

Check whether the throttle grip handle's free slack is 2-6mm.

Free crevice's adjust way is loosening screw, and turn adjusting bolt.

Carburetor's idling speed adjustment

Start up the engine and let the engine run until it warms up fully.

After engine has warmed up, close the throttle and turn the throttle stop screw in or out so that the engine may run at 1500r/min. The idle speed increases when the bolt is turned clockwise, and the idle speed decreases when the bolt is turned anti-clockwise.

When the engine arrives at no idle speed is decreasing speed. Put the bolt in the middle of the two limited positions, so that it is suitable to the oil and air's mixture.

If the idle speed's adjustment is not good, make sure to adjust the idle speed's bolt once again.

Adjustment of clutch

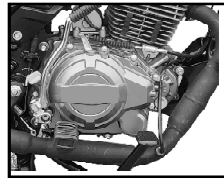
Operate the clutch lever, make the free slack is 10-20mm in the tail. If need to adjust, please looser

the tighten nut, then make the adjustment.
Turn like the (A) position, it will make the left handle's free slack decrease.
Remove the handle bar's dusty cover, then adjust like the same way.

Check\adjustment and lubrication of drive chain
If the drive chain become dirty, the drive chain and the sprocket is wore easily. Therefore, clean the drive chain with solvent and oil very 1,000km with specified lubricating oil or motor oil.

Make the motorcycle stand with main stand, using hand pull the drive chain, and Using hand Press the chain in the middle of the two chain wheel, and examine.

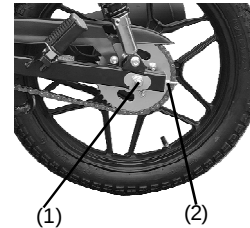
The drive chain tension. Adjust the chain tension to about 10~20mm.



Adjustment of drive chain

(1)Loosen the rear wheel axle nut(2)looser the chain adjusting nut, to assist you in performing this each chain adjuster which is to be aligned.

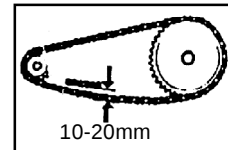
With each other and to be used as a reference from one side to the other.



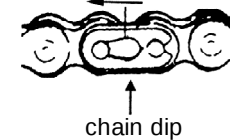
(1)rear wheel axle nut
(2)chain adjusting nut

Lubrication of drive chain

Remove the chain clap and get the chain, check wearing away situation, if damage, it should be changed, the dusty chain should be cleaned, then lubricate with chain lube or motor oil periodically.



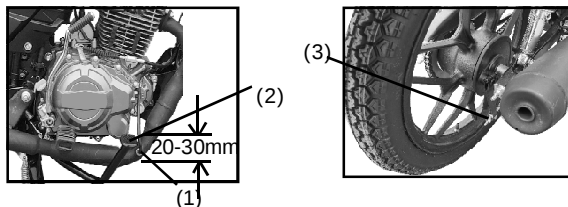
transmission direection



Check and adjustment of rear brake

Rear brake pedal's free slack is 20~30mm

When adjusted, turn the brake pole's adjusting screw, and turn around right the slack decrease, and turn around left the slack increase.



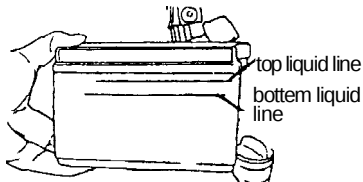
(1)rear brake pedal (2)rear brake arm (3)adjust screw

Battery maintenance

1. Using new battery

1.1 Adding electrolyte

1.1.1 Inspect battery appearance and make sure that there are no cracks, cuts on it and



no damages on the battery terminal.

1.1.2 Open the plug for filling the electrolyte.

1.1.3 The specified electrolyte is stored in a bottle.

Open the bottle and connect with plastic hose, and then fill the electrolyte into the battery up to upper level. After filling electrolyte, wait for 20 minutes. Refill to upper level if electrolyte level goes down.

NOTE: Do not overfill electrolyte over the UPPER LEVEL.

1.1.4 The motorcycle can start off after 30 minutes after filling electrolyte. It is best to charge the battery for 3 to 5 hours before using as it can ensure maximum performance and extend battery life, especially in winter or kept for a long time.

1.1.5 Fasten plug. Mop up the spilt electrolyte.

1.2 Installation

1.2.1 Connect the battery exhaust hose with battery. Make sure the connection correctly without any damage or it may result in explosion of battery, split electrolyte to damage your clothes and motorcycle.

1.2.2 When assemble, (+) positive terminal first (with red mark), then (-) negative terminal.

NOTE: Make sure install positive and negative terminal correctly. Incorrect installation of the battery will reserve the terminal position resulting in ignition switch and possible regulator/rectifier electrical system damage.

1.2.3 Fasten bolts and add butter or Vaseline on the bolts, nuts and terminals or to prevent them from rusty or poor lead connection.

2.Using and maintenance

2.1Do not start the engine for more than 5 seconds. If the engine can not operate after several attempts, check oil supply system , starter and ignition system.

2.2The following operation will cause the battery self electric discharge or insufficient charging to shorten its useful life:

- (1)Starting the engine frequently in a short distance;
- (2)Riding this motorcycle at low gear in long time;
- (3)Squeezing brake lever or depressing the rear brake pedal when riding to have brake lamp lit too often.
- (4) Installing extra electrical system or replacing excessive power bulb.

2.3 Recharge the battery at once when hard to start off, lamp light dim and horn not operated.

2.4Check the electrolyte level every 1-3 months. Replenish electrolyte up to upper level with pure water or distilled water when level is below the lower level.

NOTE: Never overfill electrolyte over the UPPER LEVEL.

Recharge the battery after refill with water.

2. 5 When keep for a long time, charge the battery at once and recharge once every month.

2.6 Charge the battery

2.6.1 Charge the battery with our company's supplied charger. Charge battery indoors and where there is ventila-

tion and keep the battery away from fires.

2.6.2 Two charging methods: Standard charging and High-Speed charging. The standard charging is preferable as it can extend battery life.

Standard charging: electrical current: 0.7-0.8A; time: 5-15 hours

High- Speed charging: electrical current: 7-8A; time: at least 30 minutes

2.6.3 If electrolyte temperature is over 45° C, stop charging immediately. Recharge battery after it is cooled. Stop charging when there is much vapor in the battery. Press or fasten the plug and mop up split electrolyte.

3. Notes

3.1 Incorrect using and charging will lead to explosion. Keep the battery away from fires. Make sure to check and install positive and negative terminal correctly to avoid explosion.

3.2 Electrolyte may be harmful as it contains sulfuric acid. if swallowed or comes in contact with skin, eyes and clothes, drink plenty of water or milk and contact your doctor immediately.

3.3 Place the electrolyte where children are not likely to touch.

3.4 Do not install un-recommended anti-theft alarm as damage may result to the electrical system, battery, ignition system or regulator/rectifier. It is advisable that install the anti-theft alarm supplied by our company.

MAINTENANCE CHART

Perform maintenance according to the odometer reading or time interval, whichever comes first.

Item \ interval	km	initial 1000	every 4000	every 8000
	miles	600	2400	4800
	months	5	20	40
Battery (Specific gravity of electrolyte)		I	I	-
* Cylinder head nuts & exhaust pipe bolts		T	T	-
* Camshaft drive chain		I	I	-
Air cleaner		Clean every 3,000km Replace every 12,000km		
* Valve clearance		I	I	-
Spark plug		I	C	R
Fuel hose		I	I	-
		* Replace every four years		
Engine oil and oil fitter		R	R	-
Carburetor		I	I	-
Clutch		I	I	-
Fuel strainer cup		C	-	C
Drive chain		Clean and lubricate every 1000km		
* Brake		I	(600 miles)	-
Tires		I	I	-
* Steering		I	I	-
* Front fork and rear suspensions		-	I	I
* Chassis bolts and nuts		I	T	-

NOTE:inspect and clean, adjust, replace or lubricate as necessary,C=Clean. R=Replace.T=Tighten,

TOOLS

To assist you in the performance of periodic maintenance, a tool kit is supplied and is located under the seat.

SPECIFICATIONS

Model Specifications Items	125	Model Specification Item	125
L*W*H(mm)	1890 × 720 × 1150	Spark plug(mm)	0.6-0.7
wheelbase(mm)	1225	Valve clearance (in/exhaust) mm	0.05 ± 0.02
Ground clearance(mm)	180	Start mode	Elec / kick start
Start time(S)	≤ 15s	Clutch type	Oil multi-plate type
Dry mass(kg)	106	Lubricating method	Pressure splash
Max loading(kg)	150	Lubricating oil capacity(L)	1.1
Max speed(km/h)	92	Tire size (front/rear)	2.50-18 /2.75-18
Min fuel consumption(L/100Km)	≤ 1.5	Tire pressure(front/rear)Kpa	225/280
Brake (front/rear)	dise/drum	Handle bar twrning angle lie type	43°
Fuel tank capacity(L)	12	Climbling capacity	25°
Fuel	92#	Transmission type	Primary ratio
Model of engine	157FMI-2		4.055
Engine type	4-Stroke/single cylinder/air colled		1 st gear
Bore * stroke (mm)	56.5 × 49.5		2.2769
Compression ratio	9.0 : 1		2 nd gear
Displacement (ml)	124		1.882
Max power(kw/t/min)	7.2/8500 ± 500		3 rd gear
Max torque N • m (r/min)	8.2/7000 ± 500		4 ur gear
			1.130
			0.96
		Spark plug	D8RTC
		ignition	C. D. I.
		headlamp	12V-11.5W/4W

ELECTRICAL CIRCUIT DIAGRAM

