



Speed 125/150

USER MANUAL



KEEWAY

NOTICES

The knowledge about motorcycle abrasion.

The first 1600 kilometers is very important for the vehicle's life. During this period, the correct way of abrasion makes sure the longest motorcycle's life and also shows the function of new vehicle fully.

PREFACE

Thanks a lot for choosing the KEEWAY product SPEED which is two wheels motorcycle. We adopted advanced technique for this model, which can offer you a safe and joyful drive.

Ride motorcycle is a very exciting activity, please read the manual carefully and know the requirements before driving.

This manual specifies the correct way of maintainance. If you take care of your vehicle according to this manual, your vehicle will be in good condition for a long time.

Our company has the technologist and the special

department for technology supports. Our tenet is to make our customers more satisfactory. We improve our products daily, which could bring changes to its appearance and the structure, if your motorcycle is not exactly same as this manual, we pray for your understanding.

WARNING/CAUTION/NOTICE

Please read this manual carefully. The words "warning", "caution" and "Notice" mean different extent of important. Please pay more attention to this.

WARNING ----- the activity indicated by warning is refer to the driver's safety, without regard

to this warning may cause an injury.

CAUTION ----- In order to avoid bringing damage to vehicle, it shows the actions that should be noticed by rider.

NOTICE-----this is an explanation to maintaining or special terms

This manual should to be regarded as a part of motorcycle. Please make sure to give this manual to the new owner when you transfer your vehicle.

SAFE NOTICE FOR MOTORCYCLE

WARNING: In order to guarantee the security, it needs special efforts to drive the motorcycle. You can drive after making it clear with its safe demanding .

SAFETY DRIVING RULES

1. Please check the motorcycle before starting the engine, and then you can drive out . In this way, it will prevent the accidents or devices from being

damaged.

2.Many accidents often occurred because the drivers who have inadequate experiences to drive.

Before driving, please confirm that the driver is qualified, and never lend the motorcycle to ones who do not have license.

3.The motorcycle driver should make himself obvious, in order to prevent from the accidents.

- Please wear in fresh color and with reflected one when on driving.

- Please do not drive too close with the car in order to avoid the collision.

4.Abide the law and regulation of country and local government

- Exceeding the limited speed is the main reason for many accidents, so notice to control the speed on driving.

- In order not to make other people be frightened and avoid affecting the driving, please give a

signal before changing courses

5. Don't be nervous when others drive towards you. Please pay more attention to the entrance and exit of yards and be careful when driving in the high way.
6. Grasp the handle bar and put your feet on the foot pedals on driving.
7. Refit the motorcycle and disassemble the spare parts will lead to be unsafe, at the same time it is illegal and will affect it with warranty maintenance.
8. The special required parts should not influence its security and function for drive.

PROTECTIVE CLOTHING

1. Most fatal accidents due to the head injury of driver. Make sure to wear helmet, gloves and protective clothing. The passenger should also wear them.
2. The exhaust system will be very hot during driving and remains hot after engine stopped for a while. So don't touch the exhaust system and wear clothing

which can cover feet completely.

3. Never wear long clothing which can be twisted by control lever, kick-starter, foot pedal or wheels.

SERIES NUMBER

Vehicle Identification Number (VIN) and Engine Number are used for motorcycle registration. These numbers are helpful for you to place spare parts orders or ask for specific service.

Write down VIN and Engine Number and keep them. Vehicle Identification Number (VIN) ① printed on the head tube of the frame.

Engine Number ② printed on the left of crankcase. On the tube, you also can find Manufacturing Label on which are marked motorcycle's model, description, displacement, date, factory and some other informations.

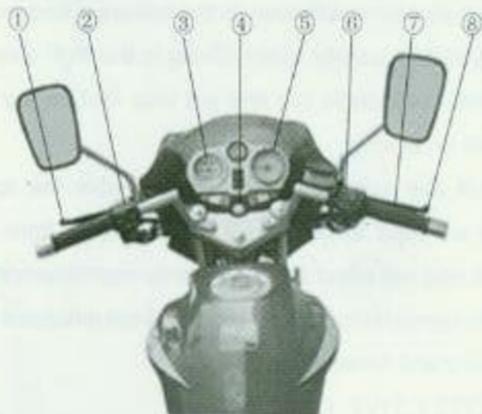
We recommend you to write down VIN and Engine

Number in the spaces given below for you future usage.



VIN:

Engine Number:

TOOLS & INDICATORS LOCATION


- (1) Clutch bar (2) Switch on Left Handle
 (3) Speedometer (4) Ignition Switch (5) Tachometer
 (6) Switch on Right Handle (7) Throttle
 (8) Front Brake (9) Kick Lever (10) Rear Brake pedal
 (11) Turning Lock
 (12) Fuel Tank switch (13) Gear Shift Lever (14)
 Main Stand (15) side Stand



Indicators Description

① Speedometer

Speed is indicated with kilometers/hr

② Mileometer

Can be reset to zero, indicates the distance for a trip in kilometers

③ Turning Indicator

Flashes when right or left turning signal is on

④ High beam Indicator

Lights when is on position

⑤ Tachometer

Indicates the rotate speed of engine

⑥ Handle Turning Switch

Contra rotated, turning the numbers in Mileometer to zero.

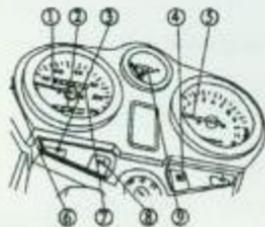
⑦ Odometer

Indicates the distance covered in kilometers in total

⑧ Neutral Indicator

Flashes when in neutral

⑨ Fuel Indicator



Shows fuel level in the tank

MAIN PARTS

IGNITION SWITCH

“” (OFF): All the electric parts are on open circuit.

“” (ON): The ignition circuit is connected and you can start your vehicle.

“” (PARK): If you park

your vehicle on the side of road at night, you can turn the key to the “” position, then you can pull out the key, and the taillight (park light) will keep shining.

LEFT HANDLE BAR

①. Clutch bar

When you start engine or change gear, control the clutch handle to prevent the rear-wheel



from rushing out.

②. Dimmer Switch

Change over the switch to “”, light of headlight goes upward, meanwhile, high beam indicator on instrument panel will light; switch to “”, light of headlight goes downward.

③. Turn signals switch

Pull the switch to “”, the left signal light will blink; Pull the switch to “”, the left signal light will blink and the indicator light will blink too.

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

④. Horn button

Press the button, the horn will hoot.

RIGHT HANDLE BAR



NOTICE: In usual situation, the switch must be put on "RUNNING" position (○). Please don't use this switch unless you want to stop the engine running under urgent situation.

① Flameout switch

Switch to "○", the electric power is connected, then the engine can be started.

Switch to "⊗", the electric power was cutter off, it will stop running, and the engine can't be started.

WARNING : When its fuel lever in fuel tank on "⊥" position, it is time to be refilled. And then pull the tank switch to "⊥" position.

②. Light switches

Switch to "☼", headlight will light; switch to "⊗☼", instrument light, dimmer light and rear indication light be lightened and switch to "●" in daytime.

③ Electrical starter buttons

Press electrical starter switch, the motor running and

you can start the engine

④ Front hand brake

When you use the front brake, please grip the hand brake on right handle tightly and slowly.

⑤ Throttle

The throttle is used to adjust the rotate of engine. When you want to accelerate, please turn the handle toward to yourself, otherwise, please turn it backward from yourself.

⑥ Front brake light switch

Press the front hand brake, its taillight will lighten automatically.

FUEL TANK SWITCH

● (OFF):

When the switch on the "●" position, the fuel can not in pour to carburetor from fuel tank. Please turn off the switch when you don't ride the motorcycle.

☐ (ON)

When the switch on the “☐” position, the fuel will inpour into carburetor from the main fuel tank.

☒(SAVE):

When the switch on the “☒” (RES) position, the gasoline in the subsidiary fuel tank will inpour into carburetor from fuel tank



KICK START LEVEL

This model has a kick start level on right side of engine. Because of the use of motivate kick start system, when the clutch does not be jointed, the driver can start the engine in any gear level.



FUEL TANKE CAP

NOTICE: after start the engine, you must check if the start level returns to its normal position.

When open the fuel tank cap, first insert the key and turn to right, then do not pull out the key and draw,

When close the fuel tank cap, push hard when the cap pin

is in the right position. Then take key out.



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

WARNING: when refill, the engine should be closed, and turn the start key to 'off' position. And keep away from heat.

REAR BRAKE LEVEL

When step on the pedal, the rear brake takes effect, and brake light lights.



TURNING LOCK

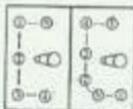
To lock turning, you should turn the handle bar to the left. Then insert the start key into the turning lock and turn right. When parking, do not forget to lock it.



WARNING: When the turning lock is locked, do not try to push the motor, or you will lose balance.

Gear shifting pedal

This model has five gears. As the picture shows.



When selected one gear speed, the gear 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. If without show, the gear changes to the next high speed with every gear changing pedal down. If with show, the gear changes to the next low

speed with every gear changing pedal up. It can not increase or decrease several gear level once.

Before change to low speed level, you should slowdown your motorcycle. Increase the engine rotate speed before joint clutch, and it can prevent

CAUTION: when the gear-box is in the idle position, the indicator light lights, it's necessary to loosen the clutch level slowly to make sure the gear-box in the idle position.

the unnecessary abrasion between the transmission chain system and rear tire.

HELMET LOCK HOOK

The usage of the hook: insert the key and rotate clockwise, open the hook, next hang the helmet to the hook lock, then pull out key.



WARNING: do not drive while the helmet is hanging from helmet hook since it may be dragged inwards and will affect safety driving

TOOL BOX

The tools in the tool box can be used to repair, to adjustment, to change parts in journey..



NOTICE OF FUEL AND OIL

FUEL

Use the fuel with lead-free or low-lead. Octane should be over 90.

Attention: Use the fuel with lead-free or low-lead can extend life span of spark plug.

OIL

Please use high purity and high performance engine oil, model is SAE10W/40, KEEWAY's black engine oil is your priority.

Running-in

New motorcycle in its first 1000km driving, neither make the engine over-running nor exceed 80% of max. Rotate speed at any gear; do not on the condition of choker full-on; meanwhile, proper gear shifting can avoid overpressure of engine. Driving carefully in running - in period has great help to the service life of new vehicle.

Special attention:

When running first 300km, please clean the oil filter and re-adjust valve clearance to requirement. Our black oil can last within one year or 5000km, but need check cleanness or even filter oil to continue.

CHECKING BEFORE RIDING

Check following items before riding

Check items	Check key points
Handle bar	1)steady 2)turn flexibly 3)no shaft loose
Brake	1)handle bar and brake pedal have free play 2)no brake ineffective 3)no oil leak
Tire	1)proper pressure 2)roper tire decoration no rift

Fuel storage	Is there enough fuel for scheming drive?
Light indicator	Operate all lights-head light, tail light, brake light, turn signal etc.
Horn and brake switch	Distance indicator, gear indicator, turning indicator
Engine oil	Well performance
Throttle valve	Correct oil level
clutch	1) throttle tightwire has free play 2) accelerate and close freely
Transmission	1) tightwire has free play 2) operate smoothly
	1) well elasticity 2) proper lubricated

KEY POINT OF DRIVING

ENGINE START

Check if the switch handles in the “” position, turn the ignition switch to “” if shift in neutral position, the indicator will light.

CAUTION: Grasp clutch handle tightly to start engine when the shift in neutral position.

When engine in cold state:

Put wind-block lever of carburetor ① to full-close A. pull up the right front pedal, kick the starter lever or use electric engine starter. When the engine is started, switch the wind-block lever to B. keep engine starting for a moment to warm-up. Then, switch the wind-block lever into full-open C. Waiting until the engine rotate smoothly; the warm-up for the engine is enough.

When the engine is warming enough:

Open the accelerator 1/8—1/4 turn the right front pedal, press starter lever or use electric starter, the engine is started. When the engine is warm, generally may not use wind-block system.

WARNING: We recommend not starting engine in airless or no air facility room. Don't let the engine start when you leave away.

CAUTION: Don't let the engine run too fast when not drive, or it'll be too hot and lead to damaging the inside subassembly.

START

Fist handle the clutch tightly, in a flash, step on the gearlever and so it is put into the fist gear.

Turn the throttle to the direction of yourslef. At the same time, loosen the clutch slowly and reposefully, the motorcycle will start to go head then.

Notice: before starting, please make the side stand come back to the above position, don't make it hanging there.

USING THE GEAR SHIFT MECHANISM

The gear shift mechanism could let the engine work reposefully in its natural operating range. The driver should choose one fittest shift commonly. Don't do that slipping the clutch in order to control the speed, it's better to slowdown when on the slope in order that the engine can work in its operating range.

DRIVING ON THE SLOPE

When driving upgrade on the precipitous slope, the motorcycle will start to slowdown and the impetus isn't enough. At that moment should change to a lower gear so that the engine could work in its natural operating range. Shift rapidly in order to avoid losing impetus.

When downgrading the slope, the engine should be changed to a lower shift and it's easy to brake. Be careful that not let the engine's rotate speed too high.

USING THE ARRESTER AND PARKING

Put clutch to the paddle (the locality of disconnection) before the motorcycle stop, change to neutral gear. Notice the indicator light to make sure if it is neutral gear.

NOTICE: The driver who is short of experience always uses rear arrester only, this will lead to accelerated abrasion of the arrester, and prolong the brake distance.



WARNING: Only using the front arrester or using the rear arrester only are both very dangerous, for it may arise skidding or being out of control. Using the arrester carefully and gently when on the wet road, other slick road surface and on every swerve. Urgent brake of the arrester is quite dangerous.

The motorcycle should be parked on the solid and flat floor. If the motorcycle must be parked on the slope with side stand, change the shift to the first gear to avoid gliding. And turn to neutral gear before start up the engine. Turn the ignition switch to the

INSPECT AND MAINTENANCE

The following table shows the time limit of regular maintaining under different traveling distance. When every period is over, the inspecting, checkout, lubricating and prescriptive maintain must be done according to the explanation. The system, support of redirector and wheel system are pivotal parts, they need to be checked by skilled workers. We suggest that you'd better let the distribute department or qualified worker to inspect and maintain the vehicle.

WARNING: Corrected maintenance for the vehicle is must be followed after the new vehicle has run 1000 kilometers. Be sure that the vehicle has been termly and properly maintained according to the specification. .

“☒” position. let the engine flameout. Take off the ignition key from the switch. Turn the oil plug switch to the “●” position.

Lock the steering lock to keep safe.

WARNING: The brake stopping distance increases as the increased speed of the cycle. Make sure to keep a safe brake stopping distance between you and the vehicle in front of you.

CALENDAR FOR MAINTAINING: I: inspecting, cleanout, adjusting, lubricating or replacing.

C: cleanout

R: replacing

A: adjusting

L: lubricating

Items	Content	Cycle	maintain mileage	Odometer reading km (notice: 2)				
				remark	1,000km	4,000km	8,000km	12,000km
*	Fuel channel				I	I	I	
*	Fuel filter				C	C	C	
*	valve				I	I	I	16
	Air filter		notice1		C	C	C	20
	Spark plug				I	R	I	14
*	Valve interspace			I	I	I	I	21
	Oil			I	Per 5000km: R			14
*	Oil filter screen			C			C	14
*	Carburetor idle speeding			I	I	I	I	16



Content Items	Cycle mileage	odograph reading km (notice: 2)					
		remark	1,000km	4,000km	8,000km	12,000km	pages
Drive chain	Notice3	Per 1000km: J, L, A					17, 18
battery						15	
Abrasion of brake shoe							
Brake system						18	
* brake pipe						18	
		Changed every four years					
* Font brake oil						18	
		Changed every two years					
* Brake light switch							
* headlight							
Clutch assay						16	
Suspend frame							
* Nut, bolt,	notice3						
* tire/wheel	notice3						
* steering							

* Need examining and repairing by the distribute department: The vehicle's owner should take the eligible tool and the material for inspecting the vehicle with him. If the owner who has mechanic license wants to examine and repair it by himself, he should refer to the specification.

***This item, we suggest to be examined and repaired by the distribute department for safe.

NOTICE:

1. Need more examining and repairing when driving in the dusty area.
2. If the reading of the odograph is above the numerical value, just repeat the table and continue to examine and repair the vehicle.
3. If you often drive on the rough road, make sure to maintain it often in order to keep the vehicle's

NOTICE: The engine shouldn't be cooling and the body should be supported and fixed by the mid-knighthead when exchanging the oil, make sure to discharge the oil quickly and completely.

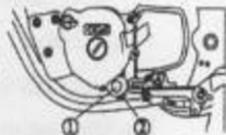
THE OIL LEVEL AND EXCHANGE THE OIL THE OIL LEVEL

Examine the oil level before start the engine.

Let the vehicle stand plainly on the floor when examine the oil level, the oil level on the oil dip rod ① should show between the upper limit②and the lower limit ③Add the coincident oil to the upper limit② when necessary.

EXCHANGE THE OIL AND WASH THE OIL FILTER SCREEN

The capability of the engine is 1L



1. Unbolt the oil hole cover/oil dip rod, the oil filter cover①and oil plug②before discharging the oil.

Notice: unbolt the oil filter screen and spring after unbolting the oil filter cover.

2. Washing the oil filter screen clean with impregnant.
3. Fix the oil filter screen, spring, the oil filter cover and the oil plug.

4. Infuse the engine with coincident oil till to the upper limit. Don't screw the oil hole cover/oil dip rod.
5. Fix the oil hole cover/oil dip rod.
6. Start the engine, after letting the engine work for a few minutes, then shut off the engine.
7. The oil level must achieve to the sign of upper limit, also avoid leaking oil.

Fuel oil filter

Fuel oil filter is fixed under the oil control bolt. Wash the filter using non-combustible lotion.



Spark plug



During the vehicle's first 1000 kilometers of journey

and later every 4000 kilometers, use metallic brush or spark plug cleaner to clean the deposited char on the spark plug. Please use the special tool to adjust the gap of spark's two electrodes, keep the gap between 0.6mm-0.8mm.

The spark plug should be replaced after every 8000 km riding.

CAUTION :

Do not screw spark plug too tight otherwise damage the screw thread of cylinder cover. Impurity should not let into engine when remove the spark plug.

Model of spark plug

D8RTC
D7RTC D7RTC

BATTERY

For your first time, please follow instruction:

Remove the rubber cap of vent, inpour special electrolyte which should between UPPER and

LOWER position. Use it after 30 minutes stay for complete chemical function, please assure using the original electrolyte and keep its position.

After electrolyte being in-poured, in order to extend battery longevity, please charge for it (this can be done by dealer).

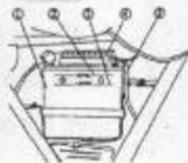
Connect wire correctly, red wire with anode (+), black wire with cathode (-), and tighten terminal bolt, please clean the corrosion with metal wire brush during using.

The battery and vent pipe should fix steadily to keep it expedite

When later normal use, please notice following:

Check the electrolytic liquid frequently and keep it near UPPER position which is the best.

Frequent start, short driving or in long-time low speed, brake often or install extra electrics will dry the battery faster and shorten service



life, please check battery often and add electrolytic liquid or charge.

NOTICE: If vehicle driving in the condition of insufficient electrolytic liquid will cause sulfuration and damage battery itself.

When check battery and adding distilled water, make sure breather pipe connect battery vent pipe well. Do not press or crook breather pipe or towards other parts to avoid corrosion.

Only can adding distilled water (when using battery) to the standard position, add ordinary water will shorten service life of battery.

Do not knock or convert battery during dismantle or replace. If connect battery wire in opposite, which will cause damage of wiring system and battery itself. Red wire must with anode (+), black wire with cathode (-). Please turn off electric power (key) when check or replace battery.

ELECTROLYTIC LIQUID:



Battery lies on vehicle side body. Remove side cover, make sure the liquid should stay between the UPPER and LOWER position, then remove the battery cover with a small plastics funnel adding distilled water to its standard position.

Warning: Battery may cause exploding gas, beware of the fire source. Battery contains electrolytic liquid, don't spatter on skin or eyes. Electrolytic liquid is poisonous, away from children.

According as following when check battery or adding electrolytic liquid:

1. Turn off the motorcycle electric power.
2. remove the side cover
3. remove the nut and battery cover
4. dismantle cathode then anode
5. take out battery lightly

Do it in opposite order when install battery.

CARBURETOR

Stable boil off is the basis of good engine performance. Don't adjust the carburetor for it's already in best status which you should adjust are: accelerograph tight wire and idle speed.

ADJUSTMENT OF CARBURETOR IDLE SPEED

Engine must in normal Running temperature when Doing accurate idle adjust.

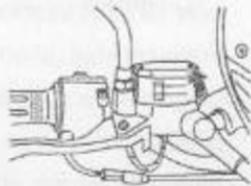
1. Vehicle vertical to ground,
2. Start engine to warm-up
3. Use the choker screw to adjust idle speed.



Idle speed: 1400 ± 100 r/min (in neutral position)

ADJUSTMENT OF THROTTLE TIGHT WIRE

1. Check if the throttle cable can turn freely from full on to full off



position.

2 Measure the free trip in pull button's flange. The standard free trip should be: $10^{\circ} \sim 15^{\circ}$.

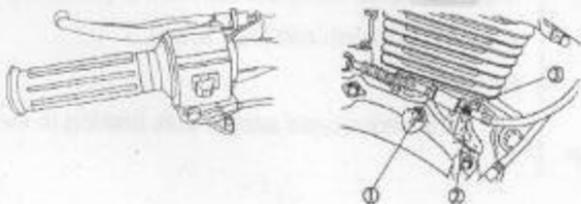
Loose the nut and turn adjustor when adjust free trip.

ADJUSTMENT OF CLUTCH

The free trip of clutch measured from handle's terminal before loose of clutch, which should be 10-20mm.

If there's any abnormal, please adjust as following:

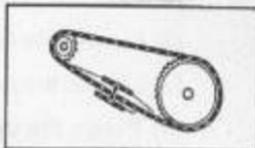
- (1) Loosen the lock nut①.
- (2) Screw out or screw in the adjusting screw②, adjusting nut③, to make the clutch free journey to reach the demand.
- (3) Screw tightly the lock nut①



TRANSMISSION CHAIN

The life of transmission chain depends on proper lubrication and adjustment. The improper maintenance may induce.

Excessively abrasion of Transmission chain and the sprocket. When in the



Inclement driving conditions, the frequent maintenance is very necessary. The adjustment of driving chain:

Every 1000 driving miles, you should adjust the laxity of the chain as the follow methods, to keep the weeping degree to 10-20mm.

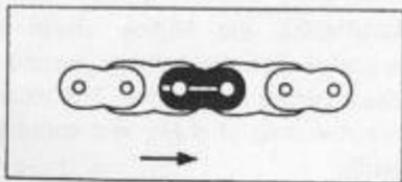
WARNING: the Notice above is the max adjusting distance; actually you should check the chain before every drive. The excess laxity will result in drop of chain, and damage the engine badly.

Adjust the chain as the follow steps:

- (1) Support the motorcycle with the main stand.
- (2) Loosen the rear axes nut.
- (3) Loosen the lock nut.
- (4) Rotate the adjusting nut right or left to adjust the laxity degree of the chain. Meanwhile, you should also make sure the center of the front chain and the rear chain in one line



Note: when a new chain is fixed, it is necessary to check if the two sprockets are worn. If necessary, the sprocket should be replaced.



In the periodic check, the follow status is necessary:

- (1) Loosen pin (2) damaging idler wheel (3) drying and rusting chain (4) Wring and griping chain (5) over damage (6) adjust the loosening chain

If the chain has the above problems, it will affect the chain wheel also.

You should check the chain wheel the following problems:

- 1) over damaged chain wheel
- 2) damaged and broken sprocket
- 3) loosened fixing screw of chain wheel

LUBRICATING OF DRIVING CHAIN

You can buy lubricating oil in most of the motorcycle shop; if possible, you'd better not choose engine oil or other lubricating oil. Soaking various chains union to make the lubricant to penetrate to the link joint, pin bush and idler wheel.

BRAKING

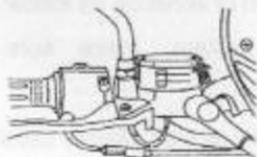
This motorcycle adopts disk braking in the front

wheel and the rear wheel adopts the drum braking. The correct operation of the braking is very important for your safety driving. Do remember to check the braking system timely, and the checking should be done by some qualified distributors.

FRONT WHEEL BRAKING

BRAKING OIL

CAUTION: The motorcycle uses DOT3 and DOT4 braking oil. It is not allowed to use the leaving oil in the open container and also don't use the leaving oil at last time when you do the mending. Because the leaving oil will absorb the water in the air. Take attention to not splash the braking oil on the surface of paint and plastic, it will corrode their surfaces.



Meanwhile, pay attention to check the braking oil in the front braking container. If

the oil level falls, please full it with the appointed braking oil. Because when the braking pad is abraded, the leaving oil in the container will infuse the oil pump by itself and the oil level will fall. So supplement the braking oil is one of the most important things during the checking process.

BRAKING PADS



① limiting scale

The key is to check if the pads has been abraded to the limiting scale. If

exceed the scale, you should change another one.

BRAKE SYSTEM

WARNING: If the brake system or brake pads need to be maintained, we strongly suggest that you take this work to the dealers, because they have the repairing kit and skill. They will help you deal with the problems with the safest and most economical way.



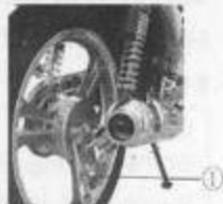
CAUTION: Disk brake system works with way of high pressure. For your safe consideration, you couldn't use the vitta and fluid exceed the stated time as the section of maintenance calendar in the maintenance manual. You couldn't use the front brake handle after you take out the front-wheel.

Daily Check:

- (1) Check the front and rear brake system, so that avoid the fluid may leak.
- (2) Check the vitta, in order to avoid the fluid may leak and the vitta has rip.
- (3) Keep there is a certain spring on the brake handles and brake footplate.
- (4) Check the abrasion condition of brake pads on front-wheel.

WARNING: Don't ride the motorcycle after you change the new disk brake pads at once. Please hold and loosen the handle a few times, let the brake pads stretch enough, renew the spring of handle and make sure the brake fluid cycle steadily.

REAR BRAKE



When you adjust the journey of rear brake, you can adjust the free journey to 20-30mm by screwing down or loosening the adjusted nut ① of rear brake.

Abrasion limit of Rear brake

There isn't signal of abrasion limit on this rear brake. Please check the situation of abrasion as follow:

- (1). Check the brake system, make sure the regulation is correct.
- (2). If the function of brake is well, please check the

limit indicative line, make sure it in the allowed range (as the picture A).

(3). If the limit indicative line out of the allowed range (as the picture B), you can ask the dealers change the parts of brake to make sure your safe.



Picture A: The indicative line in the allowed range

Picture B: The indicative line out of the allowed range

AIR CLEANER

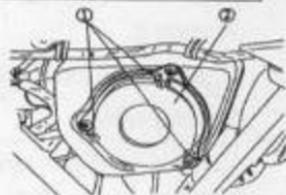
Cleaning air filter must be done periodically, if using motorcycle under dusty or sand and wind conditions should clean be more frequently.

Removal

1. Remove the cover of the air filter.
2. Loosen the screws, 1) remove the cover of the air filter 2) take out the air filter.

3. Clean filter with clean dissolvent and let it dry.
4. Put filter wick into clean engine oil.
5. Fix each part as the opposite sequence of remove it.

CAUTION: Gasoline and low burning point dissolvent is the high flammable substance, they must not be use for cleaning.



CHANGE THE BULBS

Change the Headlight bulbs

First, remove the adumbral cover, take out the headlight; loosen the screws in the lampshade with screwdriver, take out the lampshade and fix the same specification bulbs instead of the burning headlight bulb, then fix the headlight assembly as the opposite sequence of remove it; finally, install the headlight into its bracket, and install the lampshade.

Change the front and rear turning light:



1. Remove the relative turning light from the vehicle.
2. Loosen the screws in turning light with the screwdriver.
3. Remove the shell of turning light, take out the turning bulbs.
4. Change the bulbs with same specification.
5. Install the turning light as the opposite sequence of remove it.
6. Install the turning light which there is a good bulb into the vehicle.

NOTICE: When you change the bulbs, please make sure use the same specification, high-power bulbs will add the circuit load, and cause the trouble such as the battery lack of electricity easily.

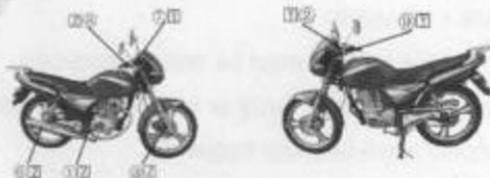
CHANGE FUSE

Fuse pipe lie to side of battery, if the fuse be burnt out frequently, it's said that there is short circuit or the overmuch circuit load. Please ask the dealers maintain the vehicle in time.

WARNING: Use of non-standard fuse may damage the electric system, even damage lights or break out fire, making engine loss its pulling power. It is very dangerous.

LUBRICATING POINT

Suitable lubricating helps to maintain your motorcycle's standard operation, prolong its usage and also helpful for your safety drive. After a long time drive or drenched by rain or cleaning, we recommend lubricate for your motorcycle. The details of lubricating point as follow:



- ⊠ Motorcycle lubricate oil
- ☑ grease
- ① Rear Brake Pedal Axes ② Speedometer Axes★

- ③ Speedometer Gear and Gear Axletree ★
- ④ Side Stand Connection and Spring Hook
- ⑤ Main Stand Axes and Spring Hook
- ⑥ Rear Brake Rocker and Camshaft★
- ⑦ Accelerator Pull ⑧ Front Hand Brake Axes
- ⑨ Clutch Handle

NOTICE: Above items with ★ should be operated by specific service technician of our distributors.

AIR VALVE SPACE ADJUSTMENT

Check and adjust valve space when the engine cooled.

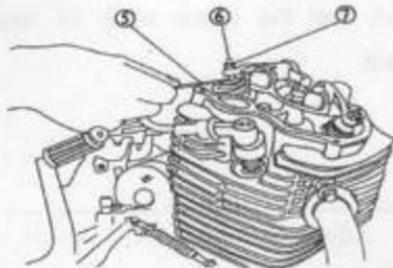
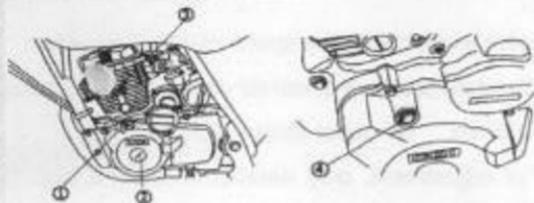
1. Remove the peephole cover ①, engine cover ②, and cylinder cover ③.
2. Turn engine rotor to counter-clockwise. Make "T" ④ point to the center of above peephole, must make sure that the plunger on the top of compress stroke.
3. Insert space test ruler ⑤ into screw ⑥ and the

valve lever, check the space of in-out air valve.

4. Standard space of in-out air valve: Air inlet stroke: 0.05mm Air outlet Stroke: 0.05mm
5. For adjustment, only need to loose the nut ⑦ then turn the screw ⑥. Finish adjustment, tight the nut, test the space again till reach the standard.

NOTICE: Adjusting air valve space may directly influence engine performance, we recommend air valve are checked and adjusted strictly at the time in Maintain Timetable.

Adjusting air valve space requires specific technical and relative tools. We recommend leave these job to our Distributors or Maintain Service Center for the best adjustment.



TIRES

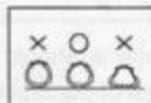
Suitable tire pressure will keep the best stability, comfortable drive, and long usage of tires.

Check tire pressure, and adjust it if necessary.

CAUTION:

Check tire pressure before driving and the tire is cooled.

		FR TIRE	RR TIRE
Standard pressure kpa (kgf/cm ²)	Only driver	172(1.75)	196(2.0)
	Driver and a passenger	196(2.0)	221(2.25)



WARNING: We recommend not trying to repair tires for the balance of wheel and stability of tire may damage.

Non-standard tire inflating may cause abnormal damage for the surface of tire and tread safety drive. Not enough inflating may cause tire slipping or out of wheel, may cause the tire loss air out of control. It is dangerous to drive motorcycle if tires are out of use.

When the deep of veins on tire surface center reaches following amount, tires should be changed to new ones.

The minimums of veins' depth	
FR TIRE	1.6 mm
RR TIRE	2.0 mm

STORING INSTRUCTION

STORING:

In order to reduce the influence of the quality reduction, some methods have to take if need a longtime storing. In addition, before the store, necessary amendment should be down, otherwise, when using it again, amendment questions always be forgot.

1. Change the fuel.
2. Lubricate the drive chain
3. Let the fuel in fuel tank and carburetor

Spray the antirust oil inside the fuel tank. Install the fuel tank cap on it again.

NOTICE: Discharge the fuel in carburetor is the most important if store more than one month, it is necessary for remain its normal performance.

Warning: Fuel is easy to burn, and can also blow up under fix condition. Please don't smoke or make any spark nearby when diascharge the fuel.

4. Unlade the spark plug and inject 1 spoon (15-20cm³) clean fuel into the cylinder. Step it and start equipment sometimes, to make the fuel to be scattered, then installs the spark plug again.

NOTICE: when engine is running, the ignition switch should be on the  position, in order to avoid damage the ignition system, the saprk plug should be inserted into the cover of cable and connect the ground.

5. Discharge the battery and store it in a place without warming temperature or sunshine directly, check the electrolyte each month and charge it slowly.
6. Clean and dry the motorcycle and created the coated surface.
7. Charge the tire into suggested pressure, put the



motor on the pad and make the two tires off the ground.

8. Cover the motorcycle (do not use the plastic or coated material) put it in a place which has little change on temperature, and has no heat or wet air. Don't put the motorcycle directly in the sunshine.

After storage;

1 Put off the cover and clean the motorcycle, and exchange the engine oil if store for more than four month.

2 Check the electrolyte and charge it if it is necessary then install battery.

3 Discharge the extra antirust oil from the fuel tank, refuel the oil box with new oil.

4 Check all before start (page 9), test the motorcycle with low speed in safe and beyond the road.

SPECIFICATION AND TECHNICAL PARAMETER

SIZE and WEIGHT

LENGTH.....	2060mm
WIDTH.....	726mm
HEIGHT.....	1120mm
WHEELBASE.....	1320mm
MASS.....	120kg

ENGINE

MODEL.....	single cylinder, four stroke, wind cool
ENGINE MODLE.....	QJ157FMI/QJ162FMJ
BORE×STORKE.....	56.6×49.5/62X49.5mm ³
EXHAUST.....	124/149CM ³
NOMINAL EXHAUST.....	125/150CM ³
MAX RATIO.....	8kW/8000r/min, 8.8KW/7500r/min
DEMARCAT E RATIO.....	9.9kW/7500r/min, 12kW/6500r/min

IGNITION.....	CDI
COMPRESSION RATIO.....	9:1/9.2:1
START METHOD.....	electrical start and kick start

GEAR SHIFT

CLUTCH.....	multi
FIVE GEAR SHIFT METHOD	
First gear transmission ratio.....	2.769
Second gear transmission ratio.....	1.882
Third gear transmission ratio.....	1.400
Forth gear transmission ratio.....	1.130
Fifth gear transmission ratio.....	0.960
Primary gear transmission ratio.....	4.055
Finally gear transmission ratio.....	2.2(33/15)

FRAME

Front absorber.....	Oil damp
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Rear absorber.....	Oil damp
Front brake.....	Disk brake
Rear brake.....	Drum
Front tire specification.....	2.75-18
Rear tire specification.....	3.25-18

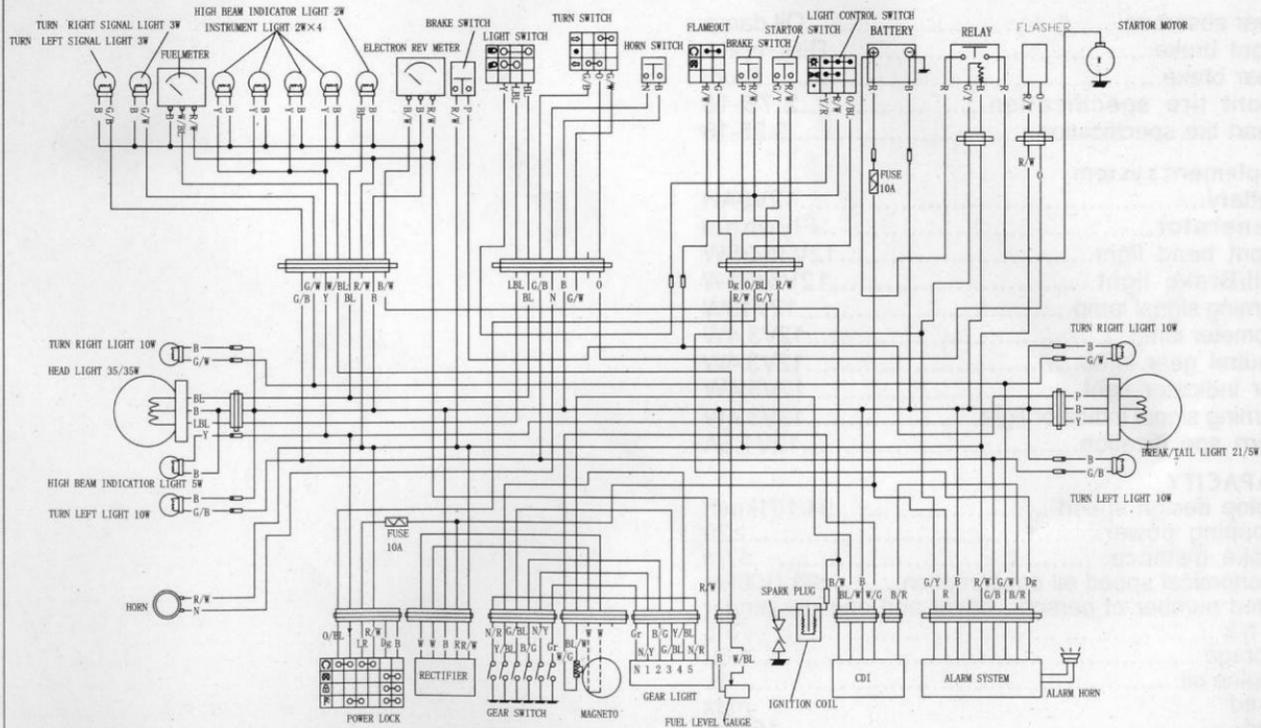
Implement system

Battery.....	12V9AH
Generator.....	Flywheel
Front head light.....	12V35/35W
Tail/Brake light.....	12V5/21W
Turning signal lamp.....	12V10W
Idometer lamp.....	12V3.4W
Neutral gear lamp.....	12V3.4W
Far indicator light.....	12V3.4W
Turning signal indicator light.....	12V3.4W
Horn specification.....	12V1.5A

CAPACITY

Tiptop design speed.....	94/101km/h
Stopping power.....	≥20
Brake distance.....	≤7m
Economical speed oil consumption.....	≤2L/100km
Fixed number of person...driver and one passenger	
t a n k	8 L
Storage.....	1.6L
Engine oil.....	1L
Fixed	max
load.....	150kg
Fuel	
type.....	RQ-90

SPEED 125/150 ELECTRICITY PRINCIPLE DIAGRAM



SYMBOL	B	R	W	BL	G	O	Y	P	N	LBL	Dg	Gr
COLOR	BLACK	RED	WHITE	BLUE	GREEN	ORANGE	YELLOW	PURPLE	BROWN	LIGHT BLUE	DARK GREEN	GRAY

USER MANUAL

