

## YG125-24 instructions (BM125)

Preparation:

Review:

Sign:

Check:

Standardization:

Approval:

## Preface

Thank you for purchasing our motorcycle. Thank you very much.

This car has the advantages of gas consumption, low noise, advanced structure and beautiful appearance.

This manual introduces the basic operation and maintenance method of this car. Please read it carefully. Proper use, maintenance and maintenance can effectively protect the driving safety, reduce the motorcycle failure, and maintain the best performance of the motorcycle.

Our company will be willing to provide more technical advice and after-sales service for you.

Our company reserves the right to constantly improve and improve our products.

This instruction manual contains the default of the introduction of basic configuration, because the factory time, user requirements and design improvements, the actual vehicle may have some differences, contents in this specification and any inconvenience this may cause, please you understanding.

This manual is one of the necessary accessories of this car. When it is sold to others, it should be attached with the car.

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## Motorcycle safety driving

**Warning:** drive motorcycle, pay attention to driving safety.

Only after you understand the safety requirements can you drive.

### Safe driving rules

1. Check before driving, so as not to damage parts and prevent accidents.

2. Inexperienced drivers are the most vulnerable. In accordance with the provisions of the road traffic safety law, "driving a motor vehicle shall obtain a motor vehicle driving license according to law", so a motorcycle must be held behind a motor vehicle driving license to drive a motorcycle. Never lend your car to someone who doesn't drive or have a license.

3. Car and motorcycle crash, because the car driver did not "see" motorcycle to come. To avoid an accident, be sure to use the following advice to fully expose yourself:

- Wear bright clothes;
- Do not get too close to other vehicles or drive into other vehicles.

4. Abide by national and local traffic regulations and regulations:

- Motorcycle accident caused by excessive speed, must obey the speed limit, not exceeding safe speed.
- When turning or changing the road, you must first call the signal and turn on the turn signal.

5. Pay extra attention to safety when you ride in the parking lot at the intersection. When riding a bike, please take two hands to relax and step on the pedal.

6. When riding a bike, please take two hands to relax and step on the pedal.

### Protection measures

1. In order to ensure personal safety, wear helmet, protective mask, dustproof glasses, gloves and other protective equipment during driving.

2. During the driving period, the exhaust system will become hot. In order to avoid contact with burns, people should wear long boots or clothing that can cover the legs.

3. The driver and the rider shall not wear loose clothing so as not to trip the handle, pedal or wheel, and cause accidental injury.

### A modified guidelines

**warning:** If the motorcycle is modified, the original may not conform to traffic regulations or endanger the safety of driving. Therefore, we must strictly abide by the relevant laws and regulations of the state and local regulations, and we must not alter our cars without authorization.

### Loading and accessories

**Warning:** In case of accidents, special care must be taken in carrying or attaching accessories. The increase of accessories and carrying capacity will reduce the stability and performance of the motorcycle and affect safe driving. Please bear in mind that the installation of non-brand attachments, improper loading, driving on bad roads or adverse weather conditions may lead to adverse consequences.

## loading

1. Keep the weight of luggage low and close to the center of gravity of the motorcycle.

To reduce the "unbalanced" phenomenon by carrying the average load on both sides,

If the center of gravity is far away from the center of the motorcycle, it will affect the driving balance.

2. Adjust the tire pressure and rear shock absorber according to the loading and driving conditions.

3. For smooth driving, the carrier and accessories must be firmly fixed.

Check the stability of the cargo.

4. Do not load the object into the steering hand, front fork and fender, otherwise the driving will be unstable or the steering will not be flexible.

## The attachment

The attachment is specially designed and has been tested. Since the company is not likely to make parts for other manufacturers outside our company, you are responsible for the improper selection, installation, and use of the attachments to the company. Please follow the above "loading" Guidelines, should not be overloaded, and do the following:

1. Carefully check the attachment, so that it can not obstruct the driving sight, change the clearance and stability Angle of the ground, and limit the movement of suspension and steering mechanism.

Obstructing control operations, etc.

2. Please do not install the attachment that can produce large air resistance, such as the windshield of driving, so that the driving is not stable. Please do not install less. A reduction device for the cooling air flow of a small engine.

3. Do not install electrical equipment at will, so as to cause the power consumption of motorcycle to overload and fuse, causing loss of light signal in driving. Indicating danger such as signal.

4. The design of this car is not suitable for hanging side car (straddle) or trailer. If the installation of trailer, cross - vehicle, will cause serious damage to the control mechanism.

## Tire

The correct tire pressure will maintain the best driving stability of the motorcycle, and it will be comfortable and durable.

Project	Technical parameters	
Tire pressure	Front wheel :(225 + 10) kPa.	Rear wheel: (225 + 10) kPa.
Tire size	Front wheel: 110/70-17.	Rear wheel: 130/70-17.

If any damage is found, please contact the dealer or maintenance station.

**Warning:** ● incorrect tire pressure can cause abnormal tread wear, leading to safety accidents.

Insufficient air pressure can cause the tire to slip or break away from the rim.

● Extremely worn tyres are extremely dangerous.

When the tread pattern in the central part of the tyre will reach the minimum of the table

column, please replace the tyre; Replacement: please contact the dealer or maintenance station.

**Warning:** to ensure smooth and safe driving of motorcycles, proper wheel balancing is necessary.

Minimum tread depth.	
Front wheel :2.0mm	Rear wheel:4.5mm

Do not remove or replace any wheel balancing device. If you need to balance the wheel, please contact with the dealer or maintenance station. After the tire is repaired or replaced, wheel balance should be adjusted.

### Number of motorcycle

Vehicle identification code and engine number used for motorcycle registration.



FIG. 1

Vehicle identification code (VIN) product label.

The vehicle identification code (VIN) is engraved on the right side of the frame, and the locomotive turns to the left to see (see figure 1).

VIN code

### Products signs

The product sign is riveted to the left of the frame riser, and the locomotive turns to the right to see (see figure 2).



Products signs

FIG. 2

### Engine no.

The engine model and factory number are printed in the bottom of the left crankcase of the engine (as shown in figure 3).



FIG. 3

Engine no.

### Parts location

The position of the operating system.

- ① Rear view mirror
- ② Left composite switch parts.
- ③ tachometer
- ④ Speed/odometer.
- ⑤ Front brake handle
- ⑥ Ignition lock
- ⑦ Switch components
- ⑧ The throttle handle





- ① Vehicle identification code.
- ② Engine number
- ③ Shift pedal
- ④ Side stand
- ⑤ The front left foot pedal
- ⑥ The left rear pedal



- ① The right rear pedal
- ② Before the right foot pedal
- ③ The rear brake pedal

## Instrument and indicator light

The instrument is above the headlight.

① Turn left to indicator light: turn left turn to turn on the light, this lamp flicker instruction.

② Far light refers to the light: when the high beam is opened, the light is on.

③ Speed table: indicates the instantaneous speed of the crankshaft.

④ Speed indicator: indicates the speed of a vehicle in the blink of an eye.

⑤ The mileage indicator: the total mileage of the "TRIP" vehicle, according to the mileage of the "CLR" vehicle, the long press can reset the distance to zero.

⑥ Turn right turn indicator light: when turn right turn lamp, this light is on.

⑦ oil volume indicator: the current fuel oil storage is shown.

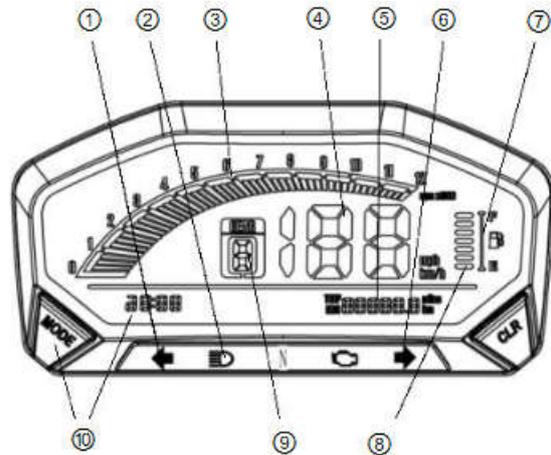
⑧ Low oil level warning lamp: when the oil level is low, this light is on.

⑨ i Gear display: displays the current engine position.

ii The (reset) button is adjusted (reset), and the "TRIP" shows the length of t2 keys can be switched to the kilometer display or the mile display.

i Block indicator light: when the gear is in neutral, this light is on.

⑩ Time adjustment button : (MODE) press the button to adjust the local time display of the instrument display: display the current time.



## Ignition switch (power combination switch)

Ignition switch ① is located in the middle of the tank cover.

OFF: the vehicle power is disconnected, the indicator light is not on, and the engine cannot start.

Keys can be taken out.

ON : the vehicle power is connected, the gear indicator light is ON, the engine can start. The key cannot be taken out.

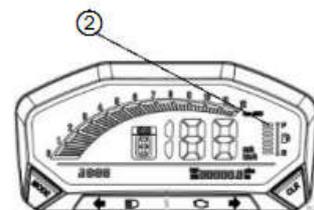
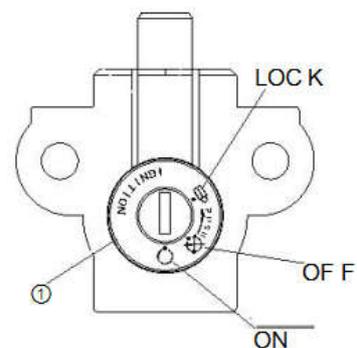
The direction of the lock

Turn the key to the left, then turn the key to the "OFF" position and rotate counterclockwise until "PUSH" and take out the key. If you want to open the lock, just turn the key clockwise.

**Warning:** the ignition switch must be in the "OFF" or "PUSH" position to ensure the safety of the vehicle and prevent the battery from running.

Fuel meter

The oil gauge ② shows the fuel oil in the tank, which is about 12 liters in total when the seven grids are all displayed. When the oil quantity indicates that the fuel will run out, please fill it up as soon as possible.



The tachometer goes into the dashed area

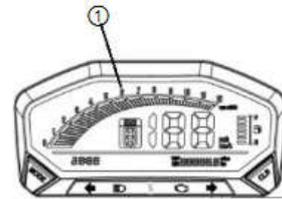
Note:

- even if the engine has been worn, normal use should not be used to display the tachometer in the 6 g area ①.

- when throttling the accelerator, please pay special attention to it.

The tachometer should not be displayed in the 7 g area.

The display area indicates that the engine has reached the maximum speed limit, which will shorten the service life of the engine at this speed.



Left composite switch parts.

② Turn on the light switch. ③ Horn button ④ Front light switch. ⑤ Remote indicator light switch.

[turn light switch]

Turn on the light switch ② has three positions. To turn left, turn the switch to the "←" position, the front and back of the left turn on the light; When turning to the right, turn the switch to the "→" position, the front of the right side and the rear turn light. Press the switch to turn the light on and off, the switch back to the middle position.



[headlight switch]

When you need to close the light, switch the headlight switch ④ to the "☹" position; When far away, open to "☺" position.

[horn button]

When you need to honk the horn, press the horn button ③.

## Fuel oil and lubricating oil

### Fuel tank and fuel

Fuel tank cover opening method:

1. Remove dust cover from the fuel tank ①.
2. Insert ignition switch key ②.
3. Turn the key clockwise.
4. The fuel tank cover automatically leaves the

●

●

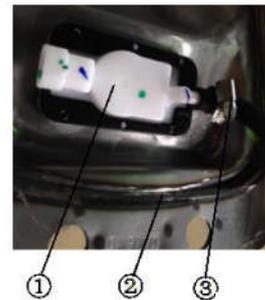
●



### Fuel pump

The fuel pump ① is located at the bottom of the tank, and the fuel pump in the fuel tank is delivered to the nozzle with the fuel filter. The fuel pump side is connected with the high pressure pipe ③. Tighten the screw on the clamp ② screw when installing.

Note: when the fuel pump is installed, the inner side should be clean, and no particles can be found, which may block the oil supply system of the fuel pump.

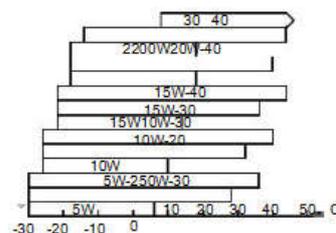


### Engine oil

Lubricating oil is an important factor affecting engine performance and life. Gasoline engine

oil must be selected according to the regulations, and no ordinary oil, gear oil, vegetable oil and so on can be used instead.

The engine is filled with sg10w-40 gasoline engine oil. In order to change the lubricating oil of other specifications, the viscosity should be selected according to the different regions and temperature changes. When replacing the lubricating oil, please replace the original lubricating oil in the crankcase. After cleaning with the washing kerosene, add the new lubricating oil according to the regulation.



Operational guidelines for school official cites use

Check before driving.

Before driving, you must make a comprehensive inspection of the car, and carry out a key inspection on the parts that affect the safe driving. Please check at least the following items (if you need to adjust and repair, please refer to the instructions in this manual for adjustment and maintenance) :

Check engine lubricating oil level ——add lubricating oil as required, and check for oil leakage.

Check fuel tank level ——add fuel to the tank as needed and check for oil leakage.

Check front and rear brake —— before and after the action of the rear brake, the free travel is too large or too hour should be adjusted.

Check the air pressure and wear and tear of the tyres before and after the inspection.

Check the throttle control——check the action of the throttle handle, control the connection of the cable and the free travel of the handle, adjust or replace when necessary.

Check battery —— check battery power and charge when necessary.

Check the lighting and signal —— check the headlights, taillights, turn signals, brake lights and speakers.

Check the drive chain ——check the tension and lubrication of the chain.

If serious wear or damage should be replaced.

Check steering mechanism——check for flexibility and stability of steering control.

Check the robustness of front, rear axle, front fork and other parts.

Note:

● the user should check the closeness and safety of the fuel path and never allow the leakage of fuel.

If the pipeline lock ring is loose, if it should be firmly installed, the pipeline will be old and cracked, and if it is old and cracked, it should be replaced.

●the electrical parts from the ignition coil to the spark plug should be connected reliably so as not to cause a fire accident.

## Engine starting

1. Insert the key into the ignition switch and switch to "⦿" position.

2. Use the variable speed pedal to transfer the transmission to the neutral, the neutral indicator light should be on, or the transmission should be placed in any gear position, the left hand grips the clutch handle, and the clutch begins to work.



3. The switch is in the open position "⦿".

[electric starting]

Press the brake lever on the right foot or the right hand to hold the brake handle and press the power start button "⦿" and turn the throttle handle properly to start the engine.

**Warning:** ● the time of pressing the start button should not exceed 3 seconds, otherwise the battery will overdischarge.

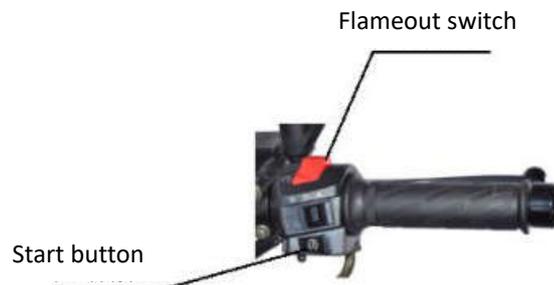
● the interval time of each start should not be less than 5 seconds. If the starting time is not successful, the starting mode of the foot or the reason of the analysis should be changed.

- when the engine is successful, release the start button immediately.
- do not press the start button when the engine is running.

Start button

● when the battery voltage is too low, the engine should not be started by electric starting.

**Warning:** exhaust contains harmful gases such as carbon monoxide. Avoid starting engines in closed garages or narrow Spaces.



## Engine running

New cars must be grinded to ensure normal operation in the future.

The mileage of new cars is 1000km. Since the engine is brand new, the initial 1000km is very important for the performance and service life of the engine. During the grinding period, the throttle should be avoided, and the speed of the engine should be selected strictly. The maximum speed must not exceed 6500r/min (see engine tachometer).

1. When driving (0-150)km, the throttle should be avoided to open up to 1/4 of the maximum opening amount.

After each driving (0.5 ~ 1)h, the engine should be stopped to cool for 10min.

Change the speed and gear of the vehicle in due time. Do not drive in a fixed throttle position or gear.

2. (150 ~ 500)km running-in should be avoided if the throttle is turned on to open more than 1/2 of the maximum opening.

Full throttle operation is strictly prohibited: the speed and gear of the vehicle should be changed in due time to drive the vehicle in a fixed throttle position or gear.

It is strictly forbidden to operate at low level.

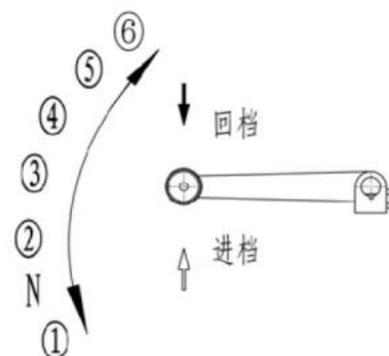
3. When driving (500 ~ 1000)km, the throttle should be avoided to open more than 3/4 of the maximum opening.

The speed and gear of the car should be changed in time to avoid speeding and full throttle operation.

Note: after 1000km, make sure to replace the engine oil and clean the air filter.

It should be maintained at the request of the periodic table to ensure that the motorcycle is in optimum condition and has good performance, and prolong the service life of the engine.

If any engine failure occurs during the grinding, please consult with the dealer or repair station immediately.



Shift diagram

motorbike

1. Turn on the ignition switch and start the car

Here is the illustration: ("↑" movement direction, "↓" movement direction)

- 1: first gear      N: neutral
- 2: second gear      Back to the block
- 4: fourth gear      5: fifth

with the brake pedal (the engine must be preheated when the engine is cold).

2. Slowly twist the throttle hand to increase the engine speed to ensure the smooth start of the vehicle.

3. When the car is moving, use the method of twisting the throttle to control the speed.

4. When the vehicle reaches a smooth running state, the engine speed In the block and the variable speed pedal should be stepped on, so that the transmission can be put into the second gear. The other gear of the transmission can be changed in the same way.

5. When you need to stop, loosen the throttle and slow down the speed of the car.

Note:

1. Start with low gear. When the throttle is not released, it is strictly forbidden to change gears, otherwise it will cause damage to the engine, transmission chain and other parts. The front brake and the rear brake should be operated in a coordinated manner, so that the brake of the wheel is not too tight, or the braking effect will be reduced, and the operation of the vehicle will be difficult to control.

2. The engine change mode shall prevail in kind.

### Brake use

1. When it is necessary to reduce the speed, it is usually necessary to gradually use the front and rear brakes.

2. In case of emergency braking, the accelerator should be returned to the accelerator, and the front and rear brakes should be used simultaneously.

Braking instructions:

● if the brake or rear brake is used separately, it will not achieve better braking effect; The emergency brake will cause the front wheel or rear wheel to suddenly stop and make the motorcycle difficult to control, so emergency braking should be avoided.

- Before turning, you should turn off the throttle and use the brake to slow down. Otherwise, turning off the accelerator or emergency brake at the moment of the turn can cause skidding, making the vehicle difficult to control.
- when driving on a wet or loose ground, you should pay attention to smooth operation. Sudden acceleration, emergency braking and sharp turn may cause the car to lose control.
- when the slope is lower, it should be moved to a lower gear; Braking with engine resistance. This can avoid long - term continuous use of brake, make the brake hot, reduce the braking effect.

### parking

1. After the motorcycle stops, the transmission should be changed into neutral.

Switch the ignition switch to  $\cdot \otimes$  (close) and pull out the key.

2. Park the motorcycle with side support.

3. Lock the head lock to prevent theft.

4. If equipped with burglar alarm, it should be in "alarm state of alarm".

Check the sensitivity of burglar alarm.

Note: the ground must be flat and firm to avoid tipping over.

### Maintenance and maintenance

Lubricating oil inspection, replacement and cleaning of strainer.

Inspection of lubricating oil level

Check the oil level before driving every day.

The back of the right crankcase cover is provided with oil ruler

① the oil gauge line is engraved on the oil gauge. The oil level must be between the oil ruler ② lower ③ two marks.

1. Place the motorcycle on the plain, the body is upright, and the oil ruler is turned out.



Insert the oil gauge into the lubricating oil (cannot be rotated) and take out the view.

2. Add the qualified lubricating oil as appropriate, add the highest scale (on-line), do not add more.

3. Screw into the oil ruler to check for oil leakage.

Note: the engine running time oil is insufficient, can cause damage to the machine; Excessive oil can cause engine heating and fuel consumption.

Replace lubricating oil with oil filter and oil filter cleaning

Oil is used when the engine is still hot.

1. Screw down the oil ruler ①.

2. Empty the oil container under the engine, And unscrew the Oil cap bolt ④ under the engine.

3. Start the ignition switch button to completely empty the residual oil.

4. Remove the oil drain cover bolt and pour into the cleaning solvent.

5. Install the oil drain cover bolts and ensure that the seals are well sealed.

6, injection about 1 liter recommendation grade engine oil, with oil scale, starting the engine, idle quick turn off for a few more minutes, stay a few minutes later, check the oil, if necessary, to add lubricating oil or blow off lubricating oil.

Note: areas with serious dust should increase the number of oil changes more than normal.



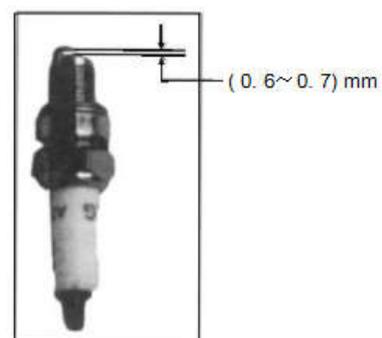
## Spark plug selection and replacement

Compliant spark plugs: C9EH.

1. Remove the spark plug cap and remove the spark plug with the special socket wrench in the tool bag. Use a wire brush to remove carbon and dirt from spark plugs.

2. Check whether the spark plug electrode has loss, and whether there is ablation on the side electrode. If the spark plug loss or the insulator has a crack or fall off, the spark plug should be replaced.

3. Check the electrode gap with the thickness gauge and



Spark plug gap

adjust it to (0.6 ~ 0.7)mm. And check whether the spark plug gasket is good.

4. When installing the spark plug, to prevent the screw thread, you must first twist the spark plug in place with your hand, and then screw the spark plug with a socket wrench.

### Cleaning and assembly of air filter

The air filter should be cleaned at least once after the vehicle has travelled 1000km.

If your vehicle is in a dusty area, you should clean the air cleaner.

This car air filter is foam filter element.

1. Take the seat pad ①, and then remove the right lid ②.

2. Remove 3 fastening screws to remove the air filter and cover ③.

Remove the air cleaner ④.

3. After cleaning the filter cartridge with washing oil, let dry.

(recommended oil sg10w-40)

4. Immerse all the filter elements in clean lubricating oil (recommend oil QE 15w-40).

After taking out, extrude extra oil, with no drop of oil.

5. The assembly shall be carried out in the reverse order.



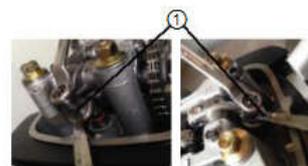
### Warning:

- When the filter core is clogged with dust or added too much oil, the motorcycle fuel consumption will be greatly increased and the power performance will be reduced.
- The gasoline and low flammable solvent are highly flammable substances and cannot be used for cleaning the filter.

### Check and adjust valve clearance.

When the valve clearance is too large, there will be noise.

When the valve clearance is too small or there is no gap, it will obstruct the valve closing, causing the valve to abate and make the engine less power. Therefore, valve clearance must be checked regularly.



The inspection and adjustment of valve clearance should be carried out in the cold state of the engine. The inspection and adjustment method is as follows:

1. Remove the ignition timing hole cover, left cover center hole cover and two valve covers.

2. Turn the rotor of the magnetic motor counterclockwise, and



Tag T11F

mark the ② "T" to a straight line with the cut line on the ignition timing hole cover. Touch the rocker arm with the finger to find out that the piston is at the end of the compression stroke. If the rocker arm is fastened, the rotor of the magnetic motor must be rotated 360 degrees counterclockwise and the mark is aligned again.

3. Insert the thickness gauge between the adjusting screw ① and the top of the valve rod to check the gap between the two valves. Standard valve clearance: tag II  
inlet valve: (0.04 ~ 0.04) mm exhaust valves: (0.04 ~ 0.04) mm



4. If adjustment is needed, loosen the lock adjusting nut ③, and turn the adjustment pile to ①. Until the thickness gauge is inserted, there is slight resistance, and after adjusting, tighten the control stack. After the adjustment, check the valve clearance again. Then cover the ignition timing hole cover and the center hole cover on the left side.

### Check and adjust the throttle operation.

1. Check the throttle handle from full open to full closed position.
2. Check whether the throttle control line between the throttle and throttle is good, and if it is broken, stuck or improperly, it should be replaced or re-run.
3. Check the throttle handle freely.

Standard free travel (2 ~ 6) mm handle rotation.

(the adjustment method of free travel is to loosen the fixed nut ① on the throttle cable and the fixed nut ③ on the throttle cable, and then adjust the fixed nut ② on the throttle cable.)



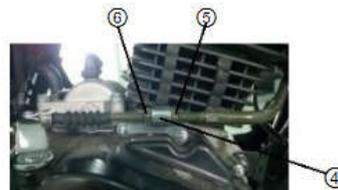
### Clutch adjustment

1. began to play a role in front of the clutch handle tip standard free



stroke (10 ~ 20) mm, if you want to make an adjustment, please unscrew the crankcase on clutch control positioning plate ④ inverse direction ⑥, loosen the lock nut and adjust the adjusting nut ⑤ according to chronological direction, will reduce in the clutch handle free trip; Press the reverse direction, the free stroke increases, and the final clearance adjustment is completed and the lock nut ⑥, ⑦.

2. Adjust the adjuster ⑦ and lock nut ⑧ on the left handle and adjust it in the same way.



### Drive chain inspection, adjustment and lubrication

#### Drive chain inspection and adjustment

Check the tensioning of the drive chain as follows. If the chain is short of oil, add lubricating oil:

1. Move the chain under the hand and allow the mobile range to be about (10 ~ 20)mm.
2. Turn the back wheel to check the reliability of the chain.

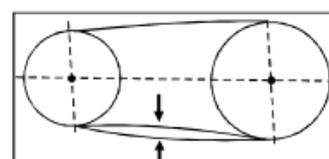
If a section of the chain is not flexible, add a proper amount of lubricant to it.

3. Check the wear of the sprocket. If the chain or sprocket wear is serious, complete the replacement in time.

Do not use the new chain with the worn down old sprockets, which will speed up the wear of the chain.



① ② ③  
The chain adjustment



(10~20)mm  
Chain tensioning diagram

When adjustment is needed, ① should loosen the rear axle nut and adjust the regulator nut ② to ensure that the adjustment amount of the regulator on the left and right sides ③ the same.

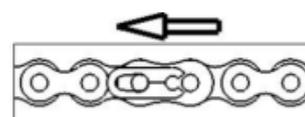
Until the chain has the appropriate swing and tension, then tighten the rear axle nut. When the tensioning of the drive chain is adjusted, the rear brake should be adjusted accordingly to achieve the optimum condition.

Drive the lubrication of the chain.

Use of lubricating oil **SG 10W-40**.

When the chain is too dirty, it should be removed and thoroughly cleaned and lubricated as follows:

1. Remove the left back cover and chain box of the engine, and remove the chain lock clamp, disconnect the chain and remove it.
2. Remove all dirt and dirt and air dry in clean washing oil.
3. Put the chain back to the chain wheel after the lubrication chain, install the chain lock clamp properly (ensure that the closed end of the lock clamp is in the normal direction of the wheel).
4. Adjust the tightness of the chain and the state of the rear brake, and put the chain box and the back cover back in place.



Chain clamp

Note: when installing the chain lock clip, the opening should be opposite to the normal motion of the chain.

Inspection of hydraulic disc brake before and after.

1. The front brake handle should have a certain correct stroke and stable.
2. Check the liquid level in the brake oil cup ①: place the car in a flat place, and place the top of the brake oil cup horizontally by turning the handle.

When the liquid level is below the mark, the brake oil should be filled.

3. Check whether the brake system has oil leakage (brake oil hose and oil cup should not have cracks).
4. Check the wear condition of brake disc ③.

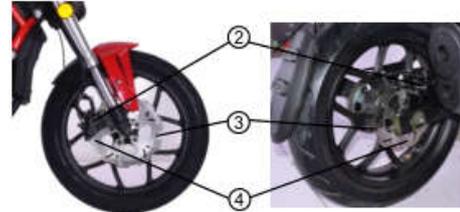
Replace when the brake disc is worn to the ultimate thickness.

The brake oil hose and brake disc are marked with wear limit thickness ④. The wear limit thickness of this brake disc is 3mm.



Note:

1. The hydraulic disc brake is operated under high pressure. In order to ensure safety and reliability, the replacement time of brake oil hose, brake oil cup and brake oil shall not exceed the time stipulated in this manual.
2. If the hydraulic disc brake system needs to be maintained or repaired, it can only be carried out by the dealer or the maintenance station to ensure the safety.
3. If there is a soft feeling in the operation of the brake handle, it indicates that there is air in the braking system.



It is necessary to completely eliminate the air in the brake system before the motorcycle can be put into operation.

Otherwise, the air in the braking system will significantly reduce the braking performance, which can also lead to failure and accident. The maintenance station personnel must be asked to adjust and exhaust the operation.

4. Do not drive immediately when the new brake disc is changed.

The brake handle should be manipulated several times until the brake disc ③ is meshed with the brake clamp ② so that the front brake handle is returned to the normal stroke.

### The brake fluid

- 1, the front and rear wheels of hydraulic brakes, brake fluid used oil cup ① brand for 4604 the non-oil brake oil, DOT or DOT, do not mix with other kinds of brake fluid, such as silicon or brake oil until the oil base, otherwise it will seriously damage the brake system.



- 2, never use has failed, or that is stored in the open container brake fluid, not the last time to use the maintenance or storage time long brake fluid, because these contains the brake fluid absorbs moisture from the air.

3. The brake fluid is corrosive, do not let the brake fluid splash onto the paint surface or the



surface of the part, otherwise it will corrode the surface.

Apply clean water if it is on your skin.

The front and rear brakes are disc brakes, and professional maintenance personnel should be required for maintenance when maintenance.

### The rear wheel disassembling

1. Prop up the motorcycle with wooden stool or other relatively fixed supports to keep the two wheels off the ground and balance.

2. Loosen the lock nut ① of the drive chain regulator and the drive chain adjuster on both sides.

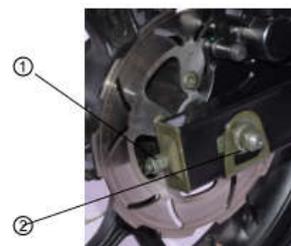
Loosen the rear wheel nut ② and push the rear wheel forward.

3. Remove the retaining clip of the transmission chain to remove the transmission chain.

4. Remove the rear axle nut, pull out the rear axle ③, and then remove the rear wheel.

The rear wheel installation sequence is the reverse of the disassembly. The rear axle nut torque : $(50 \sim 60)\text{N} \cdot \text{m} [(5.0 \sim 6.0)\text{kg} \cdot \text{m}]$  adjust the brake and chain according to the relevant chapters.

After loading the rear wheel, brake several times, the rear wheel should be free to rotate when the brake is rechecked.



### Battery maintenance

The battery is located under the right cover, and the right lid can be seen.

This car adopts 12V/ A battery ①.

Check the mileage between the periodic table and the pre-driving test.

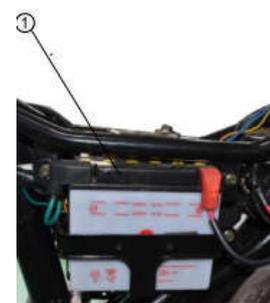
**Warning:** when engine crankshaft speed is above 2500r/min, it is possible to ensure that heavy duty electrical appliances (such as headlights and brake lights) on motorcycles will not cause excessive battery consumption.

Users should avoid using all kinds of power-consuming devices (especially headlamps, brake lights, etc.) when the engine is out of fire.

When the vehicle is not used for a long time, the battery should be unloaded.

When dismantling, the negative electrode lead should be removed first.

After charging, place it in a well-ventilated place to avoid light;



If the vehicle is stored, remove the negative wire and check and charge it regularly.

Winter (below 0 °C) after using the motorcycle, battery should be stored in a higher temperature (20 °C) indoor.

### Replacement of insurance inserts

Insurance insert specification: voltage, current 10A.

If the fuse is frequently broken, it indicates that there is a short circuit or overload in the electrical system.

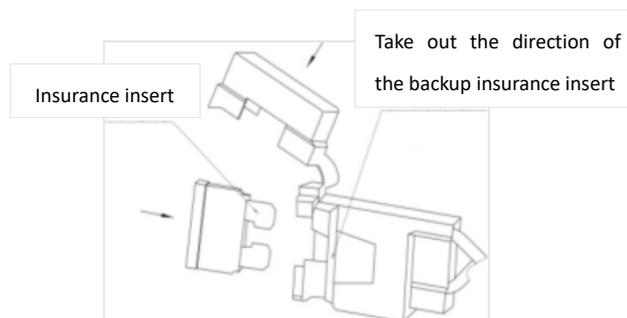
Please contact the dealer or maintenance station for inspection.

(it can also be installed with "self-restoring current protector" as required)

**Warning:** the replacement insurance insert should be in accordance with the same specification as shown in the picture. Other conductive materials should be prohibited to replace the insurance insert, and the ignition switch (OFF) should be turned OFF before the short-circuit accident occurs.

When replacing the insurance insert, first open the cover up and remove the damaged insurance plug.

Replace the backup insurance cartridge with the new insurance cartridge and press the cover to the bottom.



Spare insurance inserts

### Rear brake light switch adjustment

Rear brake light switch ① is located on the right side and right side of the engine.

The adjustment method is: if the brake light is too late, it will adjust the letty② turn clockwise.

If the brake lamp is bright too early, the adjusting nut will turn anticlockwise.

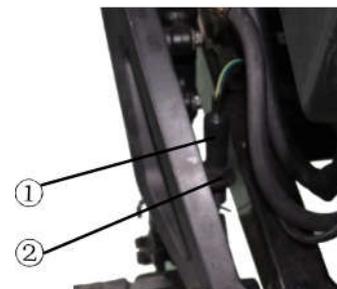
### The vehicle clean

In order to protect the exterior quality of the car, clean the car regularly and check for damage, wear and leakage.

### Note:

After cleaning, rinse with plenty of clean water comprehensive cleaning, rim, ignition switch, electrical switch, instrument, export hub, muffler, tank bottom should not be in areas such as the high pressure spray cleaning, otherwise it will damage the local;

Dry the motorcycle, start the engine, let it run for several minutes;



Lubrication drive chain;

After cleaning the motorcycle, the braking performance may be reduced temporarily, and brake test should be carried out before hitting the road to restore it to normal state.

### Maintenance schedule

I: check, clean, adjust, lubricate or replace C: cleaning R: replace A: adjust L: lubrication

Maintenance project Maintain the number of	Project cycle	Odometer Km (note 2)					
		1000KM	4000KM	8000KM	12000KM	For note	
*	Fuel pathways		I	I	I		
*	Fuel filters.	C	C	C	C		
*	The accelerator operation	I	I	I	I		
*	Carburetor choke.		I	I	I		
	Air filter element.	Note 1	C	C	R	C	
	The spark plug		I	I	I	I	
*	Valve clearance		I	I	I	I	
	Engine oil	R each year	First 300kmR600kmR1000kmR per drive 2000kmR.				
	Oil filter screen.	R each year				C	
*	Timing chain tensioning.		A	A	A	A	
*	Carburetor adjustment.		I	I	I	I	
**	Brake oil hose	R every four years	I	I	I	I	
**	Brake oil cup		I	I	I	I	
**	Brake oil	R every two years	Change every two years.				

Maintenance project The maintenance cycle	Project cycle	Odometer km				
		1000km	1000km	1000km	1000km	note
	Driving chain	I, L, every 500 km.				
	battery	A month	I	I	I	I
	The braking system		I	I	I	I
*	Brake light switch		I	I	I	I
*	The headlights dimmed.	A month	I	I	I	I
**	Turn the handle to the bearing.	Six months	I			I
	Side stand			I	I	I
*	Before and after the shock absorption		I	I	I	I
*	Nuts, bolts, fasteners.	A month	I	I	I	I
**	Wheel tyre	Three months	I	I	I	I

\*Need to find an agent to repair;The owner has the qualified tools and maintenance data, and the maintenance of the qualified license, please refer to the factory maintenance instructions for

self-inspection.

\*\*All this project, the factory recommended by the dealer or maintenance station to ensure the safety.

Note: 1. The driving in the dusty area should be more overhauled.

2. The speedometer reading is over 12000km, and repeat the schedule as shown in the table.

### Storage of vehicles

Long-term storage of the vehicle (60 days or longer) needs to be maintained to maintain the performance of the vehicle and extend the service life of the vehicle.

After thoroughly cleaning the vehicle, it shall be maintained and stored according to the following requirements:

1. Fuel oil in the fuel tank, fuel line and carburetor float chamber.
2. Replace the oil oil and clean the oil filter.
3. Remove the empty fuel tank and inject a cup (about 80m) into the fuel tank, shake the fuel tank so that it can be coated on the inside surface, and then release the remaining oil.

Reload the fuel tank.

4. Remove the spark plug and add about 1 tablespoon (15-20 m SG 10w-40 lubricating oil into the spark plug hole, and then put back the spark plug. Turn the engine over (to ground the spark plug) in order to lubricate the cylinder wall.

Warning: when starting the engine with electric starting, the spark plug high voltage line should

be removed and grounded to prevent spark.

5. Remove the drive chain, clean it with solvent and lubricate it.

Reload the drive chain or store it in a plastic bag (which is recommended to be tied to the frame for preservation).

6. Lubrication of all control cables.

7. Lift the frame up and make the front and rear wheels off the ground.

8. Wrap the plastic bag in the outlet of the exhaust pipe and tie it tightly to prevent moisture entering.

9. If stored in moist or salty air, apply a thin layer of oil to all exposed metal parts. Do not apply oil on any rubber or cushion cover.

10. Apply a layer of anti-rust oil to the finish of the paint surface.

11. Remove the battery and charge it, store it in a dry place and charge it once a month.

Do not store it in hot or cold places (below 0 or above 30).

12. Cover the motorcycle car cover (no plastic cloth or other coated materials) and store it in a cool, dry and warm room.

Note: the vehicle should be overhauled before storing the vehicle.

Take a motorcycle after a long time.

1. Remove the car and clean the motorcycle. If the storage time is more than 4 months, the engine oil should be replaced.

2. Check the battery power. If necessary, charge it and install it.

3. Clean the anti-rust oil in the fuel tank completely and inject new gasoline.

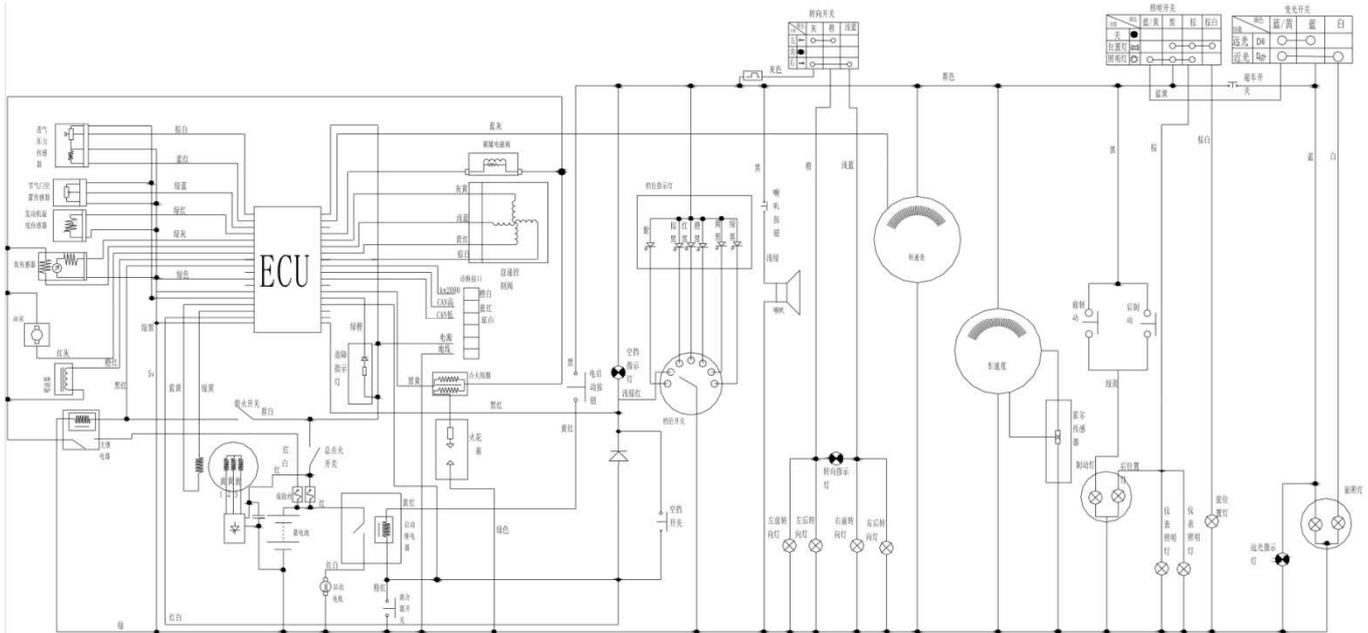
4. Carry out all the projects of "pre-driving inspection", and try to ride a motorcycle for a period of time on the unbusy road to ensure safety.

## Main technical parameters

project	YG125-24	Engine model	YG152FM
Technical parameters		Cylinder diameter x stroke	52.4mm × 57.9mm
Length x width x height	1980mm × 830mm × 1120mm	Cylinder working volume	124.86mL
Axial distance	1350mm	Compression ratio	9.0: 1
Minimum clearance	180mm	Spark plug gap	(0.6~0.7)mm
Complete vehicle preparation quality	143kg	Valve clearance	The intake was 0.05mm The exhaust 0.05mm
Maximum total mass	293kg	Minimum no-load steady speed	1500 (1 ± 10) r/min
Front tyre specification	110/70-17	Transmission ratio	
Rear tyre specification	130/70-17	Primary ratio	3.350
Rim type	Front: aluminum alloy; aluminum alloy	Last ratio	3.066
Brake type	Before: dish; dish type	First gear	3.077
Lubricating oil volume(after discharge)	1.0L	Second gear	1.789
Fuel tank capacity	12L	Third gear	1.304
Top speed	> 100km/h	Fourth gear	1.091
The most powerful	6.39/8500(r/min)	Fifth gear	0.929
Maximum torque	8.15/7500(N · m/r/min)	battery	12V7A
Fuel consumption limit	< 2.9 L/100km	Spark plug model	CPR8EA-9
Climbing ability	> 20°	Ignition way	ECU
Fuel brand	No. 92	The fuse	10A
The oil brand	SG 10W-40 or equivalent	The base quality axis	Before: 107 kg After: 111 kg

The above data, based on the specified test conditions, may vary with the climate, road and vehicle maintenance in actual driving.

### YG125-24 electrical schematic diagram (for reference only)



### Instructions for use of exhaust pollution control devices

The instructions on exhaust pollution control devices If your motorcycle is equipped with environmentally friendly motorcycle emission pollution control system, in order to ensure the performance and service life of the motorcycle exhaust emissions control system, you are using this environmentally friendly motorcycle, please click the following requirements for use and maintenance.

1. The system involves air filter, the silencer, one-way valve, oil-water separator, canister, and the engine cylinder block, cylinder head emissions of key parts maintenance, adjustment, maintenance and replacement should be carried out to the company designated special maintenance station.

2. Users must use unleaded gasoline above 92 #.

3. Under the condition of the engine work properly, the emission pollution control equipment performance and service life, meet the national standard GB 14622-14622 national emissions stage 4 - GB14622-2016 "the motorcycle emission limits and measurement methods (gasoline-fuelled vehicles, China's fourth stage).

4. After the initial 1000km, the motorcycle should be used to handle the filter element, inspection and cleaning of the oil and water separator, and remove the oil in the separator.

5. The carbon tank is the core element of the fuel evaporation pollution control device, which cannot be removed and replaced at will.

6. Muffler and carbon tank, with a service life of 2 years or 20,000 km, should be replaced on time to ensure the discharge effect.

