User’s manual



WY125T-53

PREFACE

Thanks for your purchasing the WY125T-59E, and sincerely welcome you to be our motorcycle user. To enjoy a more safe and pleasureable driving, at first please familiarity with the manual must carry on before drving. Your personal safetydepends not only on the vigilance and familiar operation skills, but aslo relates to whether you are familiar with the mechanical performance. Before driving, check-up and periodical maintenance are the basic requirement. If maintenance and repair needed, go to our service center for help. If you know the mechanic knowledge and have the tools, the dealer can offer you help with the maintenance and repair, like providing the parts catalogue and the spare parts.

This manual explains in detail the correct operation and maintenance of WY125T-53E, together with the expectation for your long-time use. Modifications in specification could cause the discrepancy with some figures and content in the manual, we feel sorry for that and hold the final right of interpretation.

Have a good enjoyment and thanks again for your purchasing.

The important points to attention

The driver and passenger

This motorcycle was only used to one driver . Never exceed to the Max load capacity of motorcycle.

- For the safety, never drive to the motorcycle in the atrocious weather or the cold weather(under -12℃).
- For the road surface

  Only drive in the highroad.

  About the caution banner with the safety or environment, stick to the sundries box cover, the rear shelf, and fuel tank cover. (Look at clearly in the time for use or before use)
- Please carefully read the user manual

  You must attention to the sentence or paragraph with the caution banner.

  Admonition:

  If you never drive according to the user manual, you must make the important accident.

  Attention:

  If you never drive according to the user manual, you must be injured or the motorcycle can break.

  Please abidingly save to the user manual. If the motorcycles transfer to others, you must transfer the user manual to the new one.

WARNING

Not following the operation instruction in this manual may cause great damage to you.

ATTENTION

Not following the operation instruction in this manual may cause injury to both you and vehicle.

Regard this manual as a permanent part, even when transfering the vehicle to a new owner, transfer the manual at the same time.

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Ⅰ. Motorcycle safety driving

Rules for safety driving

Only Driver can insure the motorcycle driving safety

1.The motorcycle happen the many accidents, all reasons are that the car drivers didn't look at the motorcycle drivers. So the motorcycle drivers must:

- Put up the coat in bright color
- Avoid to the driving at night .you must drive on guard and carefully to the strong light.

2. Particular care should be exercised at the level crossing of roads, entrance and exit of parking lot or on the automobile lane.

3. Don't speeding, because the speeding usually to happen an accident.

4. You must get to the driving license and familiar with motorcycle. Never lend motorcycle to the man without driving license or unfamiliar with motorcycle.

5. Avoid driving the road with accidental, easily result the operation failure or the part was broken.

6. Always do a pre-riding inspection before operating the vehicle.（Ref P8）

7. During drive, grasp the handle and feet on the footrest.

8. Don't close other motor vehicle, to forbid Road robbery , Strictly abide by traffic regulations.

The Payload

※Admonition:

The light goods can only put in the rear shelf or other deposited place.
The goods payload cannot heavier than blank 1:
Table 1

Deposited	Weight (kg)
Fr Luggage	1kg
Luggage	5kg

※The motorcycle max payload is 75kg, including the weight with the driver, the goods.

※If the motorcycle is over loaded, it will affect the stability and operation of the motorcycle.

※The goods on the motorcycle, must tie it.

Ⅱ.Parts &Subassemblies and use manual

Parts &Subassemblies (Fig1.Fig2)



Fig 1



Fig 2

Dashed（……）Indicate the not see parts directly

Meter and indicator light（Fig 3）

1. High beam indicator light：

2.Turning signal light LH：

3.speed

4. Speedometer：

5.Turning signal light RH：

6.Engine warning light

7.Fuel Meter：

8.The clock

9.Total mileage

10.Odometer：

11.The water temperature indicator



Fig 3

Ignition Switch（Fig 4）

(1) On ( )—when the switch turn to this position,
Start engine and do not pull out the key.

(2)Off ( )—When the switch turn to this position,
Engine power off and take out the key.

(3)Lock ( )—When the switch turns to lock position ( ),
Take out the key .do not do any turning operation And do not start engine and turn on light.

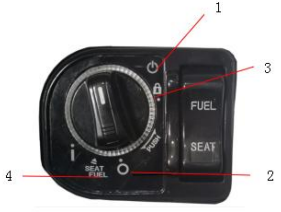


Fig 4

Fuel Meter（Fig 5）

1. Fuel Meter (Fig 5) shows the approx remainder of fuel.
When the finger to (F), it indicates Full tank of 9L.
2. When the finger at red section it indicates the remainder of flue is 1.2L.

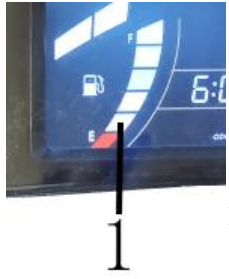


Fig 5

Starting switch（1）（**Fig** 6）

Press this button,the engine start.（refer to P13）

Emergency extinguisher switch（2）（**Fig** 6）

When temporary stop, push the switch to "" position, engine flameout. You need to restart **the** engine, push the switch to "", the engine can start normally

61/5000

Headlights, taillights, position lights and instrument lights are not on.

Headlight, position light, taillight, used for driving at night, need to start the engine（3）



Fig 6

Headlight beam switch 1（Fig 7）

Press “≣D” button，is high beam；Press “ ≣D” button is low beam.

Turn signal light switch2（Fig 7）

When the switches on (⇦) turn left. the switch on (⇨) turn right, Press it down the light turn off.

Horn Switch 3（Fig 7）

Press the horn makes sound.

Stop Indicator Switch（Fig 7）

Press the switch, the Front & Rear turn signal turn on.



Fig7

Steering lock（Fig8, Fig9）

Turn handle left to end, presses down ignition key1 to (🔒), the steering device are locked Do the above opposite it opened.



Fig 8



Fig 9

Seat lock and tank cover lock（Fig 10）

- Insert the key into the electric lock and adjust it to SFAT position. Press the right button;Press down the multi-purpose until it make sound of

  Press FUEF to open the tank(**1 Fig10**)

  Press SEAT to open the cushion(**2 Fig10**)



Fig10

CBS System (Fig 11)

This scooter is equipped with CBS system, which combines brake system for front and rear wheels. The type of it is "Front wheel braking independently, rear wheel braking combination with front braking."

Specific operation as follow(fig 11):

- Catch the front handle 2, the calipers 4 clamp the brake disc to make front wheel braking.
- Loosen handle 2, the front wheel regain.
- Catch the rear handle 1, the calipers 3 clamp the brake disc to make rear wheel braking.

At the same time, the calipers 4 clamp the brake disc, front & rear wheels braking together.

- Loosen handle 2, the front wheel regain.

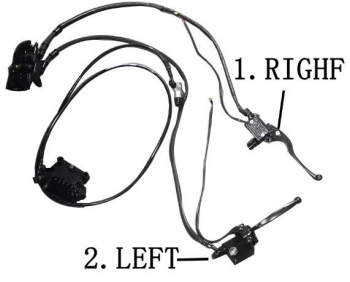


Fig11

Ⅲ.Operation Guide

Check before driving

For safety and prevent trouble or accident,

Pre-check up is necessary.

Fuel

When the pointer or fuel meter is close to red section, replenish oil; meanwhile, check the Fuel Tank and electronic fuel injection system oilleakage or not.

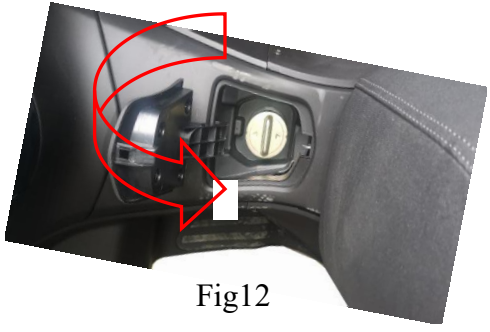


Fig12

- Fuel Tank：9L
- Clock –wise to open the tank cover.（Fig 12）
- Suggestion gasoline: octane number is 92

Do not replenish oil together with tidy or water.

NOTICE:

If check oil volume or replace oil soon after stop, Beware of burning.

Keep gasoline level under away from the height panel of flue tank while replenishing.

If gasoline level is too high, it is easy to leak out.

If swallow the oil careless, see the doctor at once.

Inspection engine oil level（Fig 13、Fig 14）

1、 Keep the motor steady in the flat ground, and then rotate out the engine oil dipstick(1), make it cleaning and insert back(do not screw), pull it out again and check for oil stain.

2、 If the engine oil capacity is approaching to the lower limit value(2), then need to pour appropriate engine oil, and do not exceed upper limit value(3), then insert and screw the engine oil dipstick tight. Finally, check if it has oil leakage.

3、



Fig13



Fig14

Suggested engine oil number

SG class SAE 10W-40

WARNING:

For the safety, please change the brake discs when the front and rear brake disc are thinner than the minimum sizewhich marked on the brake disc(MIN.TH.3mm).

TYRE

Check the tire pressure regularly and adjust if necessary.

Front tire pressure: 200kPa Rear tire pressure: 250kPa

- Check when the tire cooled
- Check if the motorcycle has a flat tire, mend it immediately when it has.
- Check if any metal trash or gravel in the groove of tires.
- Replace the tire when it wears out to the abrasion mark.

ADMONITION：

- **If the tire pressure dose not accord with the standard, it will possibly cause traffic accidents.**
- **It is dangerous to use a worn tire because the friction between tire and road will be affected**
- **which will possibly bring trouble to driving or even cause an accident.**

Engine starting(Fig **15)**

Put the key into the key hole and turn to "ON".

Electric starter: press start button (1) to start engine, don't keep the start button pressed more than 5 seconds each time.



Fig 15

NOTICE:

- **Electric starting is based on grasping the brake handle.**
- **If electric starting doesn't work, there must be a break for 30 seconds before you start the engine with it again.**
- **When start the engine in cold condition, please warm up engine for 3 minutes before running.**
- **The engine will be over heated if it works for a long time at idle speed in an extremely hot day, you need to power off the engine immediately.**

Drive the motorcycle

WARNING:

- **The temperature of exhaust pipe is much high during driving, you will be injured if touching with it carelessly, even within little time after stopping, the temperature can also cause injury, so wear trousers to protect your legs against injury.**
- **Wear helmet, glasses, and gloves when driving.**
- **Loose or unsuitable clothes may cause an accident during driving.**
- **All device must be installed according to requirement of the traffic rule. Take the license with you when driving , each equipment of the motorcycle should accord with the local traffic law.**

NOTICE:

Control the speed and payload during the first 1000km.Payload lower than 100kg is appropriate (including the weight of driver), over speed or over loading will shorten the life of engine.

Control the speed according to blank 2

Blank 2

Log（km）	**0～200**	**200～500**	**500～1000**
Speed (km/h)	**≤30**	**≤45**	**≤55**

Driving operation

1. Release Main-Stand and sit on the saddle, step on the ground by left foot to make motorcycle plumb with floor.
2. Turn the throttle when start, put your left leg back to footrest and control the throttle to make the motorcycle reach good speed. close the accelerograph to slow down.

Notice:

Do not make a sudden speedup or speed-down with the throttle grip to prevent that motorcycle rush out unexpectedly.

Driver must release the side stand before driving and try to know the status of running road

Brake operation

1. Control the throttle grip

You must control the throttle grip and use both of the brake systems to slow down.

Notice：Drive with care when driving in bad situation like on moist or runny road, in a rainy day.

Do brake operation, speedup operation or turning operation carefully.

2. Front brake and rear brake work at the same time

Notice：When driving down on a cliffy brae, close the accelerograph entirely and use both of the brake system to make the speed lower. Don't do brake operation continuously to make it too hot, which will affect the performance of brake.

Warning: When driving on a smooth or curving road at a high speed, don't use only one brake system, you must use both rear and front brake system at the same time to avoid an accident.

Power off the engine（Fig 16、Fig 17）

- Close accelerograph: revolve to the end as the direction of the picture showing (commonly, the engine will become in idle situation at the moment when you release the throttle grip）
- Turn the ignition switch to （⊗）



Fig16



Fig17

Parking operation:

When parking, turn the key to（⊗）position, put down the support and lock the handle well.（See P6）

Admonition：Park the motor on a smooth ground, or it may fall down and cause injury.

Notice for anti-theft

- Lock the steering and do not leave key in the key hole before you leave.
- Park the motor in a car barn if possible.
-

IV、Cooling system

Radiator maintenance

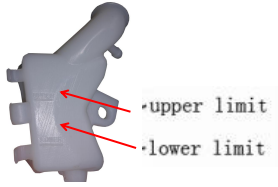


Fig18

- The cooling system of this model has full cooling liquid when before delivery.
- suggest to use this kind ofcoolingliquidwhen needs maintenance：cooling liquid special for motorcycle

cooling liquid inspection：（Fig 18）

Open the front decorating board and the front plate cover, check the volume of the cooling liquid in the spare bottles , if the cooling liquid is close to the lower mark , you should remove the bottle cap, and then add cooling liquid to limit mark

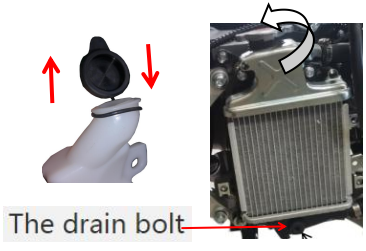


Fig19

Radiator notice ：（Fig19）

Before opening the tank cover the motorcycle must be in cold state. If it is in hot state, the cooling liquid is quite hot, people would be hurt if opening the cover.

When adding cooling liquid,it should be operated by professionals

Ⅳ、Maintenance and service

Notice and warning

This maintenance is based on the odometer, See the Maintenance periodic form as an important guide for your motor's maintenance on schedule. You should increase the frequency of maintenance if you use the motor at a high speed in a bad situation for a long time. Some main parts of your motor should be inspected by a career man after a repair for most parts or collision, like Frame, hanger, or turning parts , Repair or replace broken parts to secure your safety.

Notice： For the safety and dependability , Never refit. Use the parts of us or parts of same quality as ours for replacement. Otherwise, the performance and operation function will be affected.

Warning: For the safety of personnel, no matter whatever maintenance work carries on, first power off the engine, park the motor on a good ground and support the motor with stands well.

Notice: The motor without use in winter or having been parking for longer than one month needs maintenance before driving to check if the fuel, tire or battery were bad or corrupted .

Maintenance periodic form（blank 3）

Check before maintenance（See P9）

I：Check and adjust it when need.

C：Clean

R：Change

Blank3

Item \ Cycle			speedometer（×1000km）				
			1	4	8	12	Ref page
*	Fuel pipe		I	I	I	I	
*	Throttle operation		I	I	I	I	16
*	Core of the air cleaner	（Note1）	C/1000km, if need: R				23
*	Spark plug		C/2000km, if need: R				27
*	Valve		I	I	I	I	
*	Engine oil	（300km）R	R	（3000 km）R			25
*	Engine oil filter			When change oil: C If need R			25
*	Engine idling		I	I	I	I	24

Blank3 continue

Item \ Cycle		Breaking-in period		speedometer（×1000km）				
				1	4	8	12	Ref page
*	Rotate the belt			C/1000km, if need: R				
*	Gearbox engine	（Note3）	（300km）R			I		26
	Brake system			I	I	I	I	11
	Brake cock				I	I	I	
*	Head light				I	I	I	
*	Hanging system				I	I	I	
*	The nuts\bolts	（Note2）		I		I		
**	Wheel, tire				I	I	I	13
**	Turning bearing			I			I	

* Unless you are an expert on machine and hold a full set of tools and maintenance data, or leave your motor to a mechanic person to maintain or repair

** For safety, we claim all of items done by mechanic person.

Note：1You’ d better shorten the period of maintenance if use the motor in a particularly moist or dusty area, and when the fuel consumption becomes more and more, and accelerated effect is bad, you should change some parts.

2、If you usually drive the motor in accidented roads, please go for a maintenance to protect the performance of the vehicle .

3、change as the season changes in a cold area.

Solution for troubles（blank 4） Blank4

Trouble	reason		solution
Can't start the engine	Spark plug no spark	Spark plug wear out	Change
		Ignition wire wear out	Change
		CDI wear out	Change
		Ignition switch wear out	Change
		Ignition come off or become flexible	Connect well or firm
	The spark is weak	Spark plug gap too small or big	Adjust
		Spark plug pole burn	Change
		The spark plug accumulates carbons	Clear out
		No spark to consult the spark plug	
	No mixed air in cylinder	No fuel	Replenish
		Oil mouth stop up	Dredge
		Fuel tank pressed the switch to damage	Change
		The oil passage stops up	Dredge
		Air cleaner stop up	Clean
		Take in system leak	Check and clear out
	The cylinder compresses strength low	Spark plug seat leak	Screw up spark
		Cylinder cover leak	Change spacer
		Valve seat washer worn out	Polish
		The piston-ring or the cylinder block	Change them
		The piston-ring is broken or stored up	Change piston-ring or

Blank 4 continue

Trouble	Trouble reason	solution
The vehicle has bad accelerative performance	The octane value of the fuel is too low	Change flue
	Oil path blocked	Clean oil path
	Ignition in wrong time	Check wire and change CDI
	Spark too weak or flameout	Check ignition and clear out
	Mixed air too dense or too thin	Clean adjust carburetor
	Air leak from the engine	Check and clear out
	Muffler blocked	Dredge
	Belt wear and tear	Change
	Weight roller wear and tear	Change
	See “ can’t start the engine” as reference	
The electric start does not work	The clutch is broken	Change
	the relay is broken	Change
	Battery electricity not enough	Charge
Riding unsteady	gap between turning bearings is too big	Adjust
	tire pressure not enough	pump
	Front and rear axle released	Screw up nut
the brake does not work	The brake block wear and tear superlatively	Change
	brake cam wear and tear	Change
	Brake cable is broken	Change
	Free path too big	Adjust

HOW TO CLEAN THE AIR CLEANER（fig19）

- Take out air cleaner cover.
- Take apart the core from air cleaner box.
- Compress air or use dry brush to clean the filter element or put a new filter in the air clean box.
- Do the above opposite to reinstall the air filter.



Fig19

WARNING：

- **Do not use gasoline or low burning point solvent to clean**

Maintenance of the battery（fig20）

It is adopted the airtight battery (don't add water)

NOTICE： The upper cover should not be open for the airtight battery electrolyte

- If the motorcycle don't use for a long time. Must take off the battery to fully charged and put it into a place which is a dry and air.
- If the head of battery is corroded. Please take it off and clean.(use boil water)

NOTICE: Turn off the ignition switch before taking apart the battery.

Taking negative⊖ terminal first and positive⊕ terminal next, when installing, just opposite to above procedure。



Fig20

Electronic Control System (ECU)

Electronic control system (ECU) is the good part of the electronic injection system. Collision should be avoided when driving, rain immersion should be prevented, the ambient temperature should not exceed 70°, and electromagnetic interference should be avoided.

1. Oil pump assembly

When the fuel level is lower than the oil suction port of the oil pump, the oil pump cannot be sucked out. Please ensure that the fuel level is higher than the oil suction port of the oil pump. Please note the oil level pointer on the instrument panel. When the oil level is low, please note to add fuel as soon as possible.

2, throttle body assembly

Idle adjusting screw on throttle body has been set at the factory, users do not need to adjust, otherwise the vehicle performance will be greatly reduced.

When the engine starts, no matter what the ambient temperature is, it does not need to start with throttle.

Note: the integrated parts installed on the throttle body are important parts. Collision is strictly prohibited and private disassembly is strictly prohibited.

3. Oxygen sensor

Oxygen sensor is a sensing component, no collision, no private disassembly.

4, intake temperature, pressure, throttle position sensor

The intake temperature sensor is used to detect the temperature of the gas entering the engine cylinder. Because the temperature change of the gas will directly affect its density, it is one of the important parameters to measure the actual amount of air entering the cylinder.

The intake pressure sensor senses the intake pressure flowing through the valve body to judge the engine load.

Throttle position sensor detects throttle opening change

5, the cylinder wall temperature sensor is used to detect the engine operating temperature, ECU will choose the best control scheme for the engine according to different engine temperature.

Fault code Description

Fault code	Code definition	Fault code	Code definition
P 0118	Engine Coolant Temperature Sensor Circuit High / Open	P 0232	Fuel Pump circuit short High
P 0117	Engine Coolant Temperature Sensor Circuit Low	P 0231	Fuel Pump circuit short Low / Open
P 0116	Engine Coolant Temperature Sensor signal performance	P 0601	Internal Control Module Memory Checksum Error
P 1116	Engine Coolant Temperature Sensor signal out of range	P 0262	Cylinder 1 Fuel Injector "A" Circuit High
P 0336	Crankshaft Position Sensor "A" Circuit Performance	P 0261	Cylinder 1 Fuel Injector "A" Circuit Low / Open
P 0335	Crankshaft Position Sensor "A" Circuit	P 0265	Cylinder 2 Fuel Injector "B" Circuit High
P 2301	Ignition Coil "A" Primary Control Circuit High	P 0264	Cylinder 2 Fuel Injector "B" Circuit Low/Open
P 2300	Ignition Coil "A" Primary Control Circuit Low / Open	P 0108	Manifold Absolute Pressure Sensor Circuit High
P 2304	Ignition Coil "B" Primary Control Circuit High	P 0107	Manifold Absolute Pressure Sensor Circuit Low/Open
P 2303	Ignition Coil "B" Primary Control Circuit Low / Open	P 3106	Manifold Absolute Pressure Sensor rationality at low TPS
P 0123	Throttle Position Sensor/Switch "A" Circuit High	P 0105	Manifold Absolute Pressure Sensor signal stuck
P 0122	Throttle Position Sensor/Switch "A" Circuit Low / Open	P 0113	Intake Air Temperature Sensor Circuit High / Open
P 0459	Short grounding or disconnection of oil pumpEvaporative emission system purge control valve "A" Circuit High	P 0112	Intake Air Temperature Sensor Circuit Low
P 0458	Evaporative emission system purge control valve "A" Circuit Low / Open	P 0111	Intake Air Temperature Sensor signal stuck

P 0114	Intake Air Temperature Sensor Circuit Intermittent	P 00D1	O2 Sensor Heater current low Bank 1 Sensor 1
P 0132	O2 Sensor Circuit High Voltage Bank 1 Sensor 1	P 00D3	O2 Sensor Heater current low Bank 2 Sensor 1
P 0131	O2 Sensor Circuit Low Voltage Bank 1 Sensor 1 / Open	P 0300	Random/Multiple Cylinder Misfire Detected
P 0138	O2 Sensor Circuit High Voltage Bank 2 Sensor 1	P 0301	Cylinder 1 Misfire Detected
P 0137	O2 Sensor Circuit Low Voltage Bank 2 Sensor 1 / Open	P 0302	Cylinder 2 Misfire Detected E
P 2195	O2 Sensor Signal Lean at PE Bank 1 Sensor 1	P 0563	System Voltage High
P 2197	O2 Sensor Signal Lean at PE Bank 2 Sensor 1	P 0562	System Voltage Low
P 014D	O2 Sensor Slow Response - Lean to Rich Bank 1 Sensor 1	P 0500	Vehicle Speed Sensor "A" Circuit
P 014C	O2 Sensor Slow Response - Rich to Lean Bank 1 Sensor 1	P 2257	Secondary Air Injection System Circuit Low
P 014F	O2 Sensor Slow Response - Lean to Rich Bank 2 Sensor 1	P 2258	Secondary Air Injection System Circuit High
P 014E	O2 Sensor Slow Response - Rich to Lean Bank 2 Sensor 1	P 0850	Park Neutral Switch fault
P 0031	O2 Sensor Heater Control Circuit Low Bank 1 Sensor 1 / Open	P 0650	MIL Circuit Fault
P 0032	O2 Sensor Heater Control Circuit High Bank 1 Sensor 1	P 1693	Engine Speed circuit Low
P 0037	O2 Sensor Heater Control Circuit Low Bank 2 Sensor 1 / Open	P 1694	Engine Speed circuit High
P 0038	O2 Sensor Heater Control Circuit High Bank 2 Sensor 1	P 0505	Idle air control system error

Change oil（Fig21）

- Change oil only when the engine is not cooled yet and the vehicle is supported by jiffy Stand, to pour out all the oil completely and quickly



Fig 21

Clean the oil filter net

- Screw out the the cover of oil hole /oil dip rod and the cover of oil filter screen,Take out oil hole cover and oil filter 1 then take strainer 2 and spring 3.
- Clean the oil filter net using liquor
- Fill in the oil filter net,spring and the cover of oil filter screen.
- Inpour standard oil into the engine, not exceeding the upper mark,
- When measuring the oil level, do not screw down the cover of oil hole / oi
- Fill in the cover of oil hole / oil dip rod
- Start engine and keep it working at idle speed for few minutes, then turn it off.
- Measure the oil volume of engine again to make sure it does not leak.

Change gear oil（fig22）

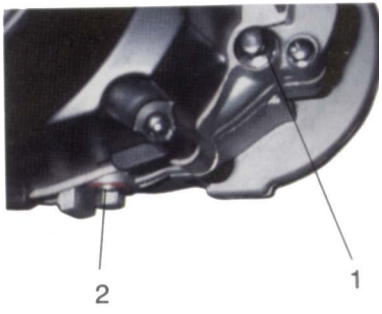


Fig 22

Suggestion gear oil No:

SAE 80W/90（The cold place can use the Unfreezing oil）

Oil volume:

Changing capacity：0.11L

- Parking the bikes by the main stand.
- Take apart the immixing bolt (1)and the spilling bolt (2)。

NOTICE: THE ENGINE MUST BE WARMER 。 WHEN SPILLING, AND THE VEHCILE MUST BE STEADY BY MAIN STAND! ENSURE CLEANING THE SPILLING RAPIDLY AND COMPLETELY.

- Reinstall the spilling bolt after clean. And screw up.
- Inject oil to engine through immit bolt,until oil begin to spill.

Install immit bolt and screw up.

Spark plug（fig 23）

Spark plug specification

Standard：**B8RTC**

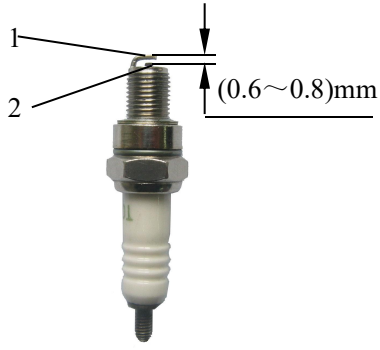


Fig23

- Disconnect the joint of the spark plug cover and take apart the spark plug with special tool.
- Check if any accumulated scorch， carbon or dirt, replace the spark plug if badly corroded.Clean the dirt and carbon with cleaner or busher.
- Adjust the gap between side electrode (1) and Center electrode (2) to make it is 0.6-0.8 mm
- Don’t use other spark plug.

Fuse replacement

The rated electric current of the fuse is 15 A fuse is in battery box.

If the fuse often burns down, it indicates the short circuit or overload in the electric system. Ask the serviceman to repair it, and never use the brass wires to replace the fuse.

Ⅴ.Vehicle Storage

STORAGE

For the motorcycle not to be used for a long time, some steps should be taken to prevent malfunction and damage to the parts. Besides, before the long-time storage, proper repairs should also be done. Otherwise, once use the motorcycle again, you may forget to make maintenance.

- Change the engine oil.
- Drain out the fuel in the fuel tank and carburetor.

Warning: Gasoline is inflammable and may cause fire and even explosion under certain conditions. Therefore, do not smoke or make fire.

◆ Take apart the spark plug, inject about 15~20ml oil into the cylinder, step down the kick pedal several times to make the oil distribute to every place and then fix the spark back on.

◆ Take apart the battery and place it in a place without strong light or frozen ice, charge it every month.

◆ Clean the vehicle and wipe it dry, coat the wax on the surface of the paint, and anti-rust oil on other metal parts.

◆ Cover the vehicle and put it in a cool place（don't cover with plastic or other coated with glial materials）,please store in someplace dry and cool,every day's change of temperature should not be too big,don't put the motorcycle in the place that sunshine illuminate directly.

Use the vehicle after long-time storage

- Take off the cover and clean the vehicle. You should change the oil after 4 months above storage.
- Charge the battery if necessary, and fix it on.
- Check all the parts before driving. (see p9), ride motorcycle in a low speed in non-busy area, make sure the safety.
-

VI Vehicle identification

- **Position of the model No, reference No and escutcheon.（Fig24）**
- Provide the above No when register, get the license, yearly inspection, and also enjoy the after-service claus

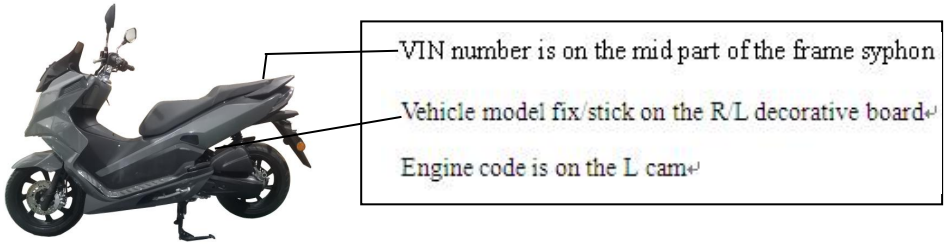


Fig24

VII Tool Set

Toolbox (Fig26) is placed in the luggage box under the saddle,it's main function is cope with emergency during driving. and toolbox contains the following tools:



Fig25

8×10 mm Wrench	12×14mmWrench
Screwdriver	Hexagonal wrench
Handle of screwdriver	Sleeve wrench 18.5x17

VIII Main technical data

Table5

Item	Parameter		Item	Parameter
L×W×H mm	1970×760×1130		Front Tire	110/80-14
Wheel-Base mm	1325		Rear Tire	120/70-14
Ground-Clearance mm	85		Pressure-Of-Front-Tire-kPa	200(Cold)
Dry Weight kg	125		Pressure-Of-rear-Tire-kPa	250(Cold)
Max-Payload kg	150		Derailleur	Auto Stepless
Turning-Angle-of-Steering Handle Bar °	≤48		Speed Ratio of Derailleur	8.624～22.767
Initial-Velocity V=60km/h	Front-braking-distance-m	The reducing speed of front brake m/s²	Rear-braking distance-m	The reducing speed of rear brake m/s²
	≤37.3	≥4.4(5.8)	≤42.3	≥4.4(5.8)
Max speed km/h	≥80		Engine type	152MJ-Single-cylinder Four stroke Forced air
Economic-Oil-consumption L/100km	≤2.8		Cylinder size×trip distance mm mm	52.4×57.907
Climbing Performance °	≥16		Working-cubage L	124.8 ml
Gradient of Low Beam	-1.3%		clutch mode	Dry Automatically centrifugal
Starting type	electric/kick start		Oil capacity-L	9

Blank5 continue

Item	Parameter	Item	Parameter
lubricating -system	pressure、splash	Fuse	15 A
Rated power kW/rpm	8.0kW/8000 r/min	Headlight	12V 45W
Max Torque (N.m/rpm	10.0 N·m/6000 r/min	Tail Light/Brake light	12V 2W/3W
Compression Ratio	11.0:1	Front position light	12V 2W
Specification of Spark Plug	NGK	Turning light	12V 5.6W
Spark Plug Gap mm	0.08 mm～0.12 mm	Fuel brand	No.92/BENZIN
Idling Speed rpm	(1700±170)	Gear Case Oil Capacity L	0.11
Crankcase Lubricating Capacity L	0.9	Gear Oil Brand	SAE 80W/90
Engine Oil Brand	SG class SAE 10W-40(Crankcase)	Valve Gap	0.03~0.05
Ignition Model	ECU	Clutch Mode	Electric/Kick start

IX EFI Diagram

X Circuit Diagram

