

# **USER'S                      GUIDE**

**125T-21 (B08125)**

**LIST**

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## 一、Motorcycle safe drive

Rules for safe drive·····1

The payload·····2

## 二、The parts & subassemblies and use instruction

Parts & subassemblies·····3

Speedometer and indicator·····5

Ignition switch·····5

Fuel meter·····6

Light switch·····6

Starter switch·····6

Dimmer switch·····6

Turn signal light switch·····6

Horn switch·····7

Steering handle lock·····7

Seat lock·····7

## III. Operation instruction

Check before drive·····8

Engine starting·····12

Riding motor·····13

Driving operation·····14

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Brake operation.....	14
Engine power off operation.....	15
Stopping motorcycle.....	15
<b>IV Service and maintenance</b>	
Periodical maintenance form.....	17
Obviation of the simple trouble.....	19
Cleaning of air cleaner.....	21
Maintenance of battery.....	21
Adjustment of idle speed.....	22
Change engine oil and clean strainer of oil filter.....	23
Gear oil change.....	23
Spark plug.....	24
Fuse replacement.....	25
<b>V Vehicle storage</b>	
<b>storage</b> .....	26
<b>VI Vehicle identification</b> .....	27
<b>VII Tool set</b> .....	27
<b>VIII Main technique parameter</b> .....	29
<b>IX Circuit</b> .....	30

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# PREFACE

Thanks for your purchasing the motorcycle WY125T-21, and sincerely welcome you to be our motorcycle user. To enjoy a more safe and pleasurable driving, at first familiarity with the manual must carry on before driving. Your personal safety depends not only the vigilance and familiar operation skills, but also relates to whether you are familiar with the mechanical performance. Before driving, check-up and periodical maintenance are 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, 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 limited to one driver and one passenger (excluding children younger than 12 years old).

Never exceed the Max load capacity of motorcycle.

- For the safety, avoid driving the motorcycle in atrocious weather or cold weather (under -12°C).

- For the road condition

Only drive on the highroad.

The caution banners about the safety or environment protection stick to the sundries box cover, the rear carrier, and fuel tank cap. (Being visible before or during driving)

- 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.

- Please carefully read the user manual

You must attention to the warning sentence or paragraph.

## 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 parts, even when transfer the vehicle to a new owner, transfer the manual at the same time.

## I . Motorcycle safe drive

### Rule for safe drive

1. The motorcycle happen the many accident, 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 to driving the road with accidented, easily result in the operation without used or the parts was broken.
  6. You must check up the motorcycle before driving.
  7. During drive, grasp the left hand bar by the left hand and the throttle twist grip by the right hand with feet on the footrests.
  8. Don't drive too close the other vehicles. Never contend for lane, and strictly observe the local traffic rules.

### **The payload**

- **Admonition:**

**The light goods can only put in the rear shelf or other deposited place.**

**The goods payload not heavier than blank 1:**

### **Blank 1**

Deposited	Weight (kg)
Rear shelf	5

- The motorcycle max payload is 150kg, including the weight with the driver, the passenger, the goods.

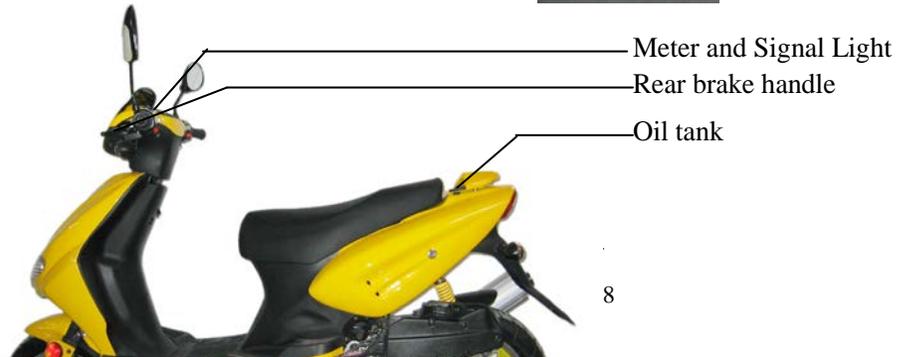
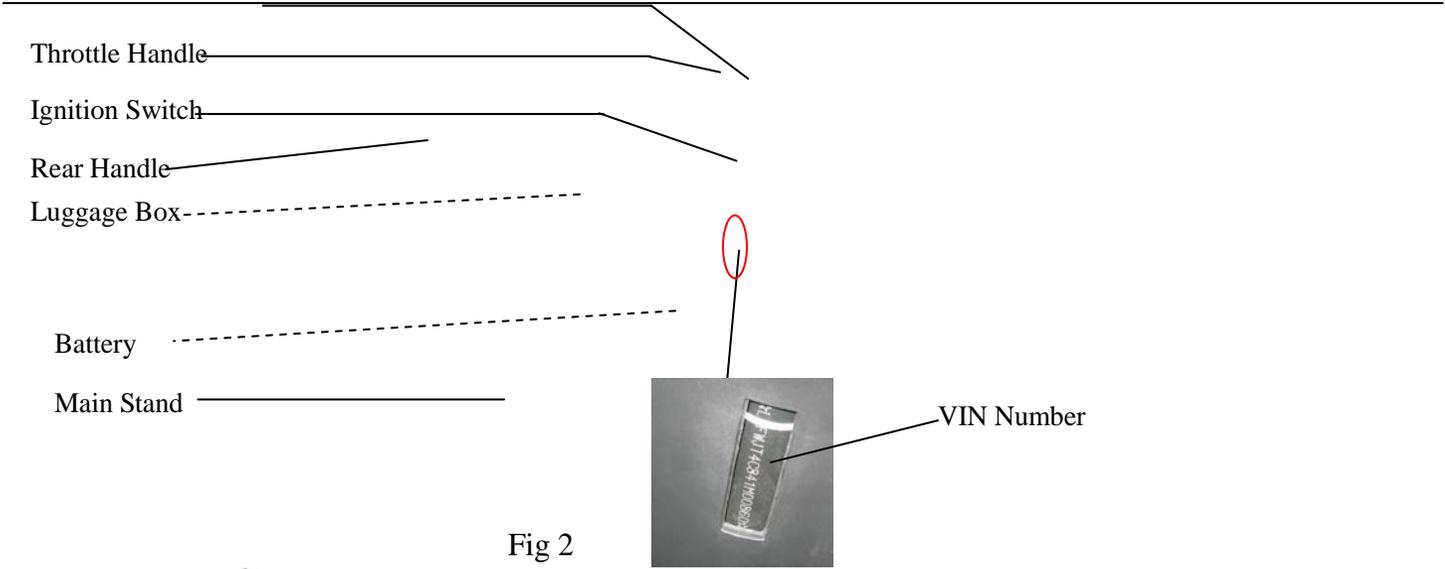
- 
- If the motorcycle is over loading, it can affect the stability and operation of the motorcycle.
  - The goods on the motorcycle, must tie it.
  - The rear shelf not seats the children.

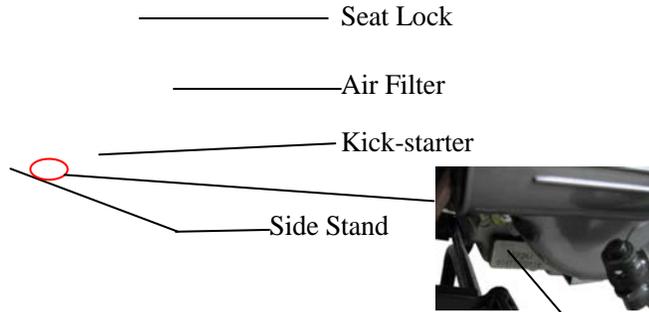
## II The parts & subassemblies and use manual

### Parts & subassemblies (Fig 2、 Fig 3)

Front brake handle







Broken Line Fig3·) indicate the invisible parts.

**Instrument and turn signal light (Fig4)**

- (1) Speedo meter
- (2) Odometer
- (3) Time adjustment
- (4) Engine Speedo meter
- (5) Turn right signal light
- (6) Turn left signal light
- (7) Fuel meter
- (8) Clock

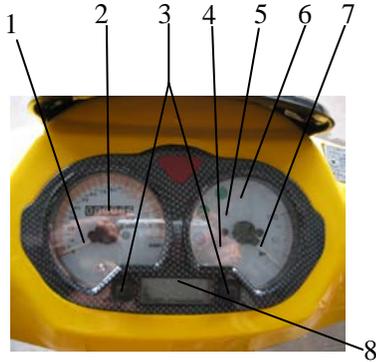


Fig4

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### Ignition switch (Fig5)

(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,  
Start engine power off and take out the key.

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

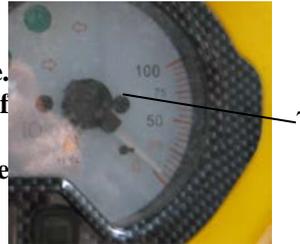
Notice :If the engine is idling speed for a long time in the hot climate, It will appear too hot phenomenon  
Must close engine.



### FUELMETER (Fig 6)

Fuel meter (7) show the approx remainder of flue.  
When the hand point to (F), it indicates Full tank of  
5L.

When the hand at red section it indicates the  
remainder of flue is 1.8L.



### Light swith1 (Fig 7)

The light switch: three positions (☀) (☒) (●)

When it on (☀) position the front headlight, tail light  
position light and instrument light turn on.



When it on (☺) position taillight, position Light and instrument turn on.

When it on (●) position the front head light, tail light,

Position light and instrument turn off

Starting switch (2) (Fig 7)

Press this button, the engine is started. (See page16)

The front light switch (1) (Fig 8):

Press (☺) button is high beam; press (☹) button is low beam.

Turn signal light switch (2)(Fig8):

When the switches on (↶) turn left. When the switch on (↷) turn right,

Press it down the light turn off.

Horn switch: press (3)(Fig 8) the horn makes sound.

Steering lock (Fig 9, Fig 10): turn handle left to end, presses down ignition key1 to (☒), the steering device are locked Do the above opposite it opened.

Fig7

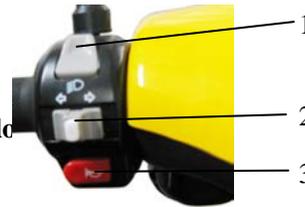


Fig8



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### Multi-purpose lock (Fig 11)

Put the key into multi-purpose lock hole and then clock-wise open the lock.

Press down the multi-purpose until it make sound of locked, then push the back of multi-purpose to confirm it has been locked and take out the key.

Fig 11

## III Operation instruction

Check before riding:]

Check before riding, For safety and prevent trouble or accident, pre-check  
**GASOLINE**

When the pointer or fuel meter is close to red section, replenish oil.

Gasoline tank container: 5L

Clock –wise to open the tank cover1. (Fig 12)

Suggestion gasoline: octane number is 90

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.**

•

### Check engine oil

#### Inspection engine oil level (Fig 13、 Fig 14)

- 1.Keep the motor steady in the plane screw up the oil dip and clean it, then reinsert and inspect oil.
- 2.If the oil level reach to down limit sign (2), replenish standard oil to upper limit sign (3)



Fig 13

#### Suggestion the engine number:

SAE-15W/40

#### The free path of rear brake handle (Fig 15, Fig 16)

Measure the distance of rear brake pedal before detent function .the free path of tail of brake handle as standard.

**Adjust nut (A): increase the distance of free path**

**(B): reduce the distance of free path**

The axle pin2 should touch closely with nut (1) groove after adjust.



Fig14

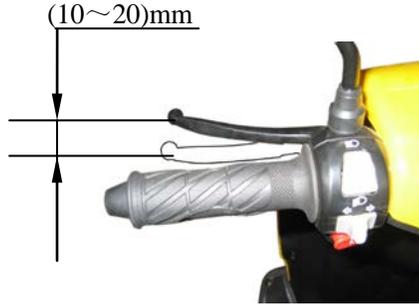


Fig 15



2 1 Fig 16

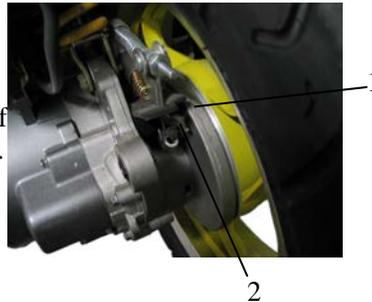
**Brake Machinery's burst indicate mark (Fig 17)**

- (1). Reference marks.
- (2). Indicate marks.

Notice :If totally brake. Change the brake block when ref marks and Indicate marks must be situated a straight line.

**Tire**

Check the tire pressure regularly and adjust.



Check before the tire cooled  
 Check if there any metal trash or gravel in the  
 groove of tires

Fig 17

**WARNING:**

If the tire pressure dose not accord with the standard, it will properly cause the traffic accident.  
 It is dangerous that use the worn tire, It will have effect to friction between tire and rode. Maybe make  
 difficult from drive or accident.

Start engine (Fig 18)

Put the key into ignition switch and turn to ON

Electric starter: press start button (1) to start engine, D  
 not use the starter more than 5 seconds each time.

**NOTICE:**

Electric starting is only in the condition of grasping the brake  
 Electric starting not succeed, if starting again with it, we must stop for 30 seconds, If still can't start,  
 Please use kick-start.

Engine kick-start :open ignition switch and add gasoline slowly, step kick-starter pedal down quickly with  
 strength to start engine.

Notice: After using kick-starter pedal, pull it back to original position. Otherwise have effect to safety ride,  
 and bad to engine.



Fig 18

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Had better not open ignition switch when scooter has not use for a long time, and first step kick starter for some times. Make flue into carburetor and then into cylinder, and open ignition switch, Start engine, it is easy to start engine like this.

If cold start warm up engine for 2-3 minutes.

Riding motor:

**WARNING:**

Wear the trousers to avoid touching with exhaust pipe and was burnt.

The entire device must be installed according to requirement of the traffic rule.

Take the license to riding.

**NOTICE:**

Control the speed and load during 1000kmof running in period.

Load should be within 100kg(including driver)

If take more weight and speed will reduce life of engine, Change the crankcase oil after 300km (Page 25) to a new motorcycle.

Speed according to (Blank 3)

Blank3

Log (km):	0-200	200-500	500-1000
Speed (km/h):	<=30	<=45	<=55

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### Riding operation (Page 20)

Release rear brake level, add gasoline slowly with throttle grip, then motorcycle will move forward smoothly.

#### NOTICE:

Do not add much gasoline suddenly with throttle grip to prevent motorcycle rush out. Maybe lose control. Before drive, must take the stand.

#### Brake operation:

##### 1 .Control throttle grip

If want to reduce speed, Must control the throttle grip, at that time use the two-brake system, this point is very important.

Notice: if the drive will be done in this situation, for example: damp or loosely roads, raining .no matter brake, add speed or turn must take care.

##### 2.operate front and rear brake.

Notice: Must totally close the flue when drive in a descent, and use two-brake system for reduce speed. Don't use brake continuously, other wise it will reduce the effect of brake because of too hot.

Warning: Don't use single brake when drive with high speed, special crooked and slippery road. Must use two-brake system for avoiding accident.

### Close engine (Fig 19, Fig 20)

Close oil: revolve to the lowest place according to picture. (Normal situation is loose the throttle grip, and the engine is idling speed)

Put the key to "OFF"



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Fig 19

**Stop operation:**

When the motorcycle stop, put the key to “~~ON~~” position .put down stand and lock handle. (Page 9)

Alarm points:

- 1 Locking the handle and do not left key in the switch
- 2 Put the motor into the garage
- 3 Use the excellent guard against theft device

**IV Maintenance and service**

**Maintenance periodic form**

The maintenance is important to motorcycle, If drive with high speed in bad situation for a long time, must add the times of maintenance, If motorcycle have a big repaired or a accident, Must take it to check for mainly spare parts. For example: frame, indicator parts and so on. Repair or change the worn parts. Make sure safety.

**Notice: Don't change motorcycle make sure it's safety, Must use good quality spare parts if replace spare parts .if use bad quality spare parts, it will influence the safety of motorcycle.**

**Warning:** Must close engine when make maintenance .it make sure the repairer's safety. And put down the stand on the smooth ground.

**Notice:** Must make a good maintenance if the motorcycle don't use over a month, or don't use in all the winter. Make flue, tire and battery avoiding corrode.

Maintenance periodic table (Blank 4):

Check before time based maintenance (Page 10)

I: check and adjust when necessary

C: clean

R: change

Blank 4

Cycle				speedometer (x1000km)				Ref page
				1	4	8	12	
Item		Every month		6	12	18		
*	Fuel pipe line			I	I	I	I	
*	Operation of			I	I	I	I	16
*	Core of the air		Note1	C/1000km, if need: R				23

Cycle				speedometer (x1000km)				Ref page
				1	4	8	12	
Item		Every month			6	12	18	
*	Spark plug			C/2000km,If need: R				27
*	Valve			I	I	I	I	
*	Engine oil		(300km) R	R	(300km) R			25
*	Engine oil				When change oil If need: D			25
*	The			I	I	I	I	24

#### Blank 4

Cycle				speedometer (x1000km)				Ref page
				1	4	8	12	
Item		Every month			6	12	18	
*	Rotate the belt			Per1000km I If need: R				
*	Gearbox engine	Note3	(300km) R			I		26
	Brakes			I	I	I	I	12
	Apply the				I	I	I	
*	Head light				I	I	I	
*	Suspension				I	I	I	
*	The nuts\bolts	Note2		I		I		
*	Wheel tire				I	I	I	13

Cycle Item		speedometer (x1000km)					
		1	4	8	12	Ref page	
Every month			6	12	18		
*	Turning		I			I	

\*If you have all of tool and maintenance document, you are a mechanic person, or else must let special person maintenance and repair.

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

**Note: 1,if this area is very damp or have a lot of dirty .you had better make a short time for maintenance, when it take more oil quantity or not strength, it must change.**

**2,if it was used every day, must make maintenance.**

**3, according to season to change in a cold area.**

#### Simple trouble solution (Blank 5)

Trouble phenomenon	Trouble reason		Solution
THE ENGINE CAN NOT START	Spark plug no spark	Spark plug wear	Change
		Ignition wire wear	Change
		CDI wear	Change
		Ignition switch wear	Change
		Ignition Come off or become flexible	Connect well or firm and tight
	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 fuel	Replenish
		Oil mouth stop up	Dredge
		Fuel tank pressed the switch to	Clean
	The cylinder compresses strength low	Air filter stop up	Clear
		Take in system leak	Check and clear out
		Spark plug seat leak	Screw up spark
		Cylinder cover leak	Change spacer
		Air nozzle bracket worn	Polish

Blank5

Trouble	Trouble reason	Solution
The vehicle is unable to accelerate performance badly	The octane value of the fuel is too low	Change flue
	Oil path stop up	Clean oil path
	Ignition time is too early or too late	Check wire and change CDI
	Spark too weak or flameout	Check ignition and clear out
	Mixed air too dense or race	Clean adjust carburetor

	Engine leak	Check and clear out
	Muffler stop up	Dredge
	Belt wear	Change
	The automatic clutch roller wearing	Change
	Consult engine can not start	
The electricity is started and does not work	Exceed clutch worn	Change
	Start the relay wear	Change
	Lack of Electric consumption	Discharge
Riding unsteady	Turning axletree gap too wide	Adjust
	Lack of tire pressure	Pump
	Front rear shaft flexible	Screw up nut
Apply the brake and does not work	The brake shoe one is worn and torn to limit	Change
	Apply brake to enclose wear	Change
	The guy cable is worn to apply the brake	Change

23

### HOW TO CLEAN THE AIR FLITER (Fig 21):

- 1 Take out rear protecting bar left protecting bar
- 2 Take apart air filter cover and screw up bolt.
- 3 Take out filter element
- 4 Compress air or use dry brush to clean filter element.



5 Do the above opposite to reinstall the air filter.

**NOTICE:**

**Do not use gasoline or low burning point solvent clean paper filter element.**

**Maintenance battery(Fig 22)**

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

**Notice: Do not take apart the airtight battery upper cover**

If the motorcycle don't use for a long time. Must take off the battery and put it into a place where it is a dry and air.

The head of battery was corroded, please take it off and clean (Can use boil water)

**NOTICE: turn off the ignition switch, take apart negative pole ⊖ first, but install positive pole ⊕ when you are installing.**

**24.Idling adjust (Fig 23, Fig 24)**

The carburetor is in the best situation before sold, if the carburetor is still influence riding Please adjust it under the instruction of professional man.

Warm up few minutes before start

Idle to adjust screw (1) is it is it improve idle speed slight

Fig. 21



Fig 24 3

enter to fasten, is it is it withdraw it than screw slowly after stocking to fasten to mix and then rapidly, to stabilizing the position at most, then withdraw slowly, get and stabilize the position the most low.

After adjust idle, then adjust accelerograph handle to free path for 2-4mm, then use adjustor (2) to adjust, screw down nuts, and then screw up it after adjust.

Adjusting the good idle speed, when should be able to suddenly strengthen the throttle, the rotational speed of the engine should be excessively steady, no flash back and can't go out, stop working or arrange organ not to blow out at being last throttle.

Change engine oil and clean strainer of oil filter (Fig 2

### **Change engine oil**

Change the engine oil before engine cold, and under the cc steady of motor.

### **Clean the strainer.**

Fig 25



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Take out oil hole cover and oil filter (1) then take strainer (2) and spring (3)!

Using liquor clean the strainer.

Install oil filter then take strainer and spring!

Replenish the standard engine oil to upper limit line of the oil hole.

Install the cover of hole and liter.

Start engine and keep for few minute then flameout.

Measure the lever of engine oil again, makes sure it is not leak.

### Change gear oil (Fig 26)

**Suggestion engine oil No: SAE 80W/90**

Oil container

Resolving capacity:0. 11kg

Changing capacity:0. 09kg

Take apart the immiting bolt (2), and the spilling bolt (1).

**NOTICE: THE ENGINE MUST BE WARMER WHEN SPILLING,  
AND THE VEHCILE MUST BE STEADY BY MAIN STAND!**

Reinstall the spilling bolt after clean. And screw up.

Inject 100ml to engine through immit bolt

Install immit bolt and screw up.

### Spark plug(Fig 27)

**The specification of spark plug**

Standard:



Fig 26

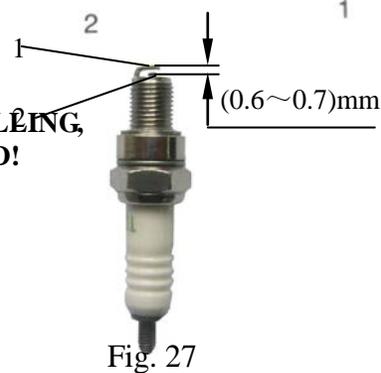


Fig. 27

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Take apart the spark plug; Take it off with special tool.

Examine if there is dirt on poles and the porcelain head in center. If it has corroded, must change it. It is the best way to clean with the liquor of spark plug. Use wire brush if no cleaner.

Normally the gap between side electrode (1) and Center electrode (2) is 0.6-0.7.

Don't use other spare plug.

## Fuse replacement

The specified electric current of the total fuse is 15 A

If the connection is not good, the fuse will overheat and breakdown.

Do not use any fuse whose specification is different from assigned. It is the same

Main reason for wiring burning.

NOTICE: Do not use brass wires to replace the recommended.

## V Vehicle Storage

### Storage

For the motorcycle not to be used for a long period of time, for example, in wintertime, some steps should be taken to prevent malfunction of and damage to its components, which might be caused by long storage. Besides, before the long storage, proper maintenance has to be carried out for fear that it might be forgotten when vehicle is put back into use after storage.

1. Change engine oil and oil filter.
2. Drain off fuel from the fuel tank and carburetor, spray atomized anti-rust oil onto the inside wall of the tank and then close the tank.

---

**Warning:**

Gasoline is inflammable and may cause fire and even explosion under certain conditions. Therefore, do not smoke, make fire or have any fire left behind on draining off fuel.

3. Take out the spark plug, pour about 15~20ml clean engine oil into the cylinder, step down the kick lever repetitively for several times so as to have machine oil distributed all over the engine and finally fit the spark back on.

**Attention:**

The ignition switch must be set to "OFF" position before stepping down the kick lever.

To protect the ignition system from damage, the spark plug should be inserted in its cap and earthed.

4. Wash the motor, wipe it dry and apply an even coat of wax to the painted surface. Chromate treatment can prevent the surfaces from rusting.
5. Inflate the tires as required and pad the vehicle up by wooden blocks with the two wheels clearance of the ground.
6. Put the vehicle in a shady and cool place free from humidity and direct sunshine and cover it properly (but not with plastic or other painted materials).

Reuse motorcycle.

Clean the motorcycle, if the storage time beyond 4 months, Must change gasoline.

Must charging if need, and then install battery.

Must check all of terms before drive (Page 11), for the safety must try the motorcycle with lower speed for some time in a not busy rode

## VII. The tool set

The tools bag in the boot of seat. It including the something of the following:

8*10 spanner	12*14 spanner
Screwdriver	hexagon spanner
Wrench bar	18.5*17 wrench spanner



Fig 1

## VIII Main data

Blank 2:

MODEL		DATA	MODEL		DATA
Exterior size		1840 × 680 × 1190mm	Front wheel		120/70-12
Wheelbase mm		1265	Rear wheel		120/70-12
Ground clearance		115	Air pressure of F wheel	kPa	200 kPa
Dry weight	kg	100	Air pressure of R wheel	kPa	250 kPa
Max payload		150kg	Model of derailleur		CVT
Gyroidal of operation bar		≤48	Speed ratio with derailleur		6.89 ~ 22.39 139QMB

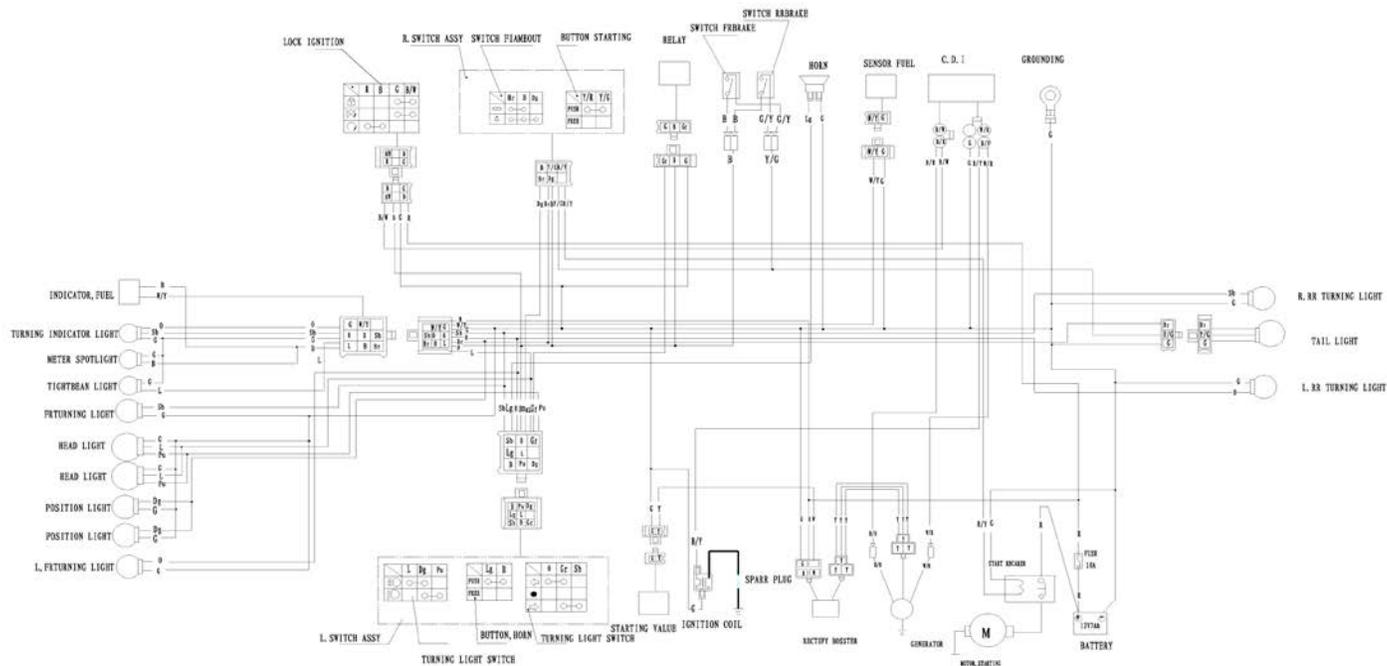
Brake base m	≤7(30km/h)	Engine	2QMI, Single cylinder roke, Air-cooled
Maximum speed	≥80km/h	Cylinder bore*stroke mm	52.4×57.8
Consumption L/100km	≤2.8L/100km	Working capacity ml	124.6
Climb ability °	≥16	Clutch	Kick automatically centrifugal
		Capacity of gasoline tank L	5
Starting system	Electric & kick	Battery	12V 7Ah

Blank 2.

MODEL	DATA	MODEL	DATA
Lubricative system	Press, spark	Ignition system	CDI
Normal power kW/r/min	5.2kW/ (7000r/min)	Fuse	15 A
Maximum torque	7.6N.m/ (6000r/min)	Head light	12V 35W/35W
Compression ration	9.2 : 1	Rear/brake light	12V 5W/21W
Spark plug model	C7HSA (NGK), A7T, A7RT	The light to registration mark	12V 5W
Spark plug gap mm	0.6~0.7	Turning light	12V 10W×4
Gap of air valve mm	0.03~0.05 (cool 态)	Fuel trademark	90# gasoline

Idling speed r/min	(1700±170) r/min	Capacity of the oil with gear box L	0.11
Capacity of the oil with crankcase L	0.9	The oil with gear trademark	SAE 80W/90
The oil with crankcase trademark	SF GRADE SAE 15W/40		

### IX、 Electric Diagram



导线颜色符号对照表

G	绿	灰	白	红	黄	紫	黑
W	白	L/Y	蓝	R	红	P	粉
B	黑	Br	粉	O	橙	L	蓝
Y/R	黄	绿/Y	绿	黑/Y	黑	白	灰