

User's manual : WY50QT-86



PREFACE

Thank you for your purchasing the Motorcycle WY50QT-86, and sincerely welcome you to join the user of ours. To enjoy a more safe and pleasurable driving, at first please 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 main items for attention

Y The driver and passenger,

This motorcycle was limited to one driver and one passenger (except children younger than 12 years old). Never exceed the Max load capacity of motorcycle.

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

I 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)

I 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.

I 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.

LIST

I、 Motorcycle safe driving	
Rules for safe driving.....	1
The payload.....	2
II、 The parts & subassemblies and use manual	
The parts&subassemblies	3
Meter and indicator light.....	5
Fuel meter.....	5
Ignition switch.....	6
Lock cover switch.....	6
The light switch.....	7
The starting switch.....	7
The head light change switch.....	7
The turning light switch.....	7
The horn switch.....	7
The turning lock.....	7
The seat lock.....	8
The luggage box	9
III、 The operation	
Checking before driving.....	10
Starting engine.....	14
Driving the motorcycle.....	15
Operation for driving.....	16
Operation for brake.....	16
Operation for stopping the engine.....	17
Operation for stopping the motorcycle.....	17
VI、 Maintenance and service	
The blank of seasonal maintenance.....	19
Simple trouble shooting.....	22
Air filter cleaning.....	24
The battery maintenance.....	24
Adjustment idle speed.....	25
Change the engine oil and filter net clean...26	26
Change the gear box oil.....	27
The spark plug.....	28
Change the fuse.....	28
V、 Motorcycle storage.....	29
VI、 Vehicles identification.....	30
VII、 Tool	31
VIII、 Main technical parameter.....	32
IX、 Circuit diagram.....	34
X 、 Emission Control System Warranty Statement.....	35

I .Motorcycle safe drive

Rule for safe drive

Only drivers can insure the driving safety.

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

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

- 1、 Be particular carefully driving at the crossing,entrance and exit of the park and the level crossing of roads.
- 2、 Over-speed driving always occur the accident,so please obey the speed rules.Don't breach of the rules.
- 3、 You must get to the driving license and familiar with motorcycle. Never lend motorcycle to the man without driving license or unfamiliar with motorcycle.
- 4、 Avoid to driving the road in accident, easily result in the operation without used or the parts was broken.
- 5、 You must check up the motorcycle before driving. (Look at page 10)
- 6、 During driving,please hold the handle with two hands,put your feet on the footrest.
- 7、 Keep distance with the other motors.Don't drive over speed.Obey the local traffic law.

Payload

※Warning:

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

Blank 1

Storage item	Weight
Rear shelf	5kg
The luggage box	1kg
The rear box	5kg

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

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

※Tie the cargo on the motorcycle tightly.

※The children on the rear shelf is not allowed.

- 2 -

II The parts & subassemblies and use manual

The parts' location (diagram 1、 diagram 2)



- 3 -



Diagram 2

- 4 -

The broken line (.....) indicate the parts unseen in the picture

Mater and indicator light (Diagram 3)

- (1) Speedometer: During driving, the speed can be showed.
- (2) Turn left signal light: When the trunning signal light switch is moved to left,the indicator light will work.
- (3)Odometer: The record for it has run
- (4)High beam indicator: When the changing light switch is set on “≡〇”, high beam indicator will work.
- (5)Turn right signal light: When the trunning signal light switch is moved to lright,the indicator light will work.
- (6)Fuel meter: Show the left volume in the oil tank.
- (7) Electric meter: Show the quantity of electricity of the battery
- (8) Time meter: Show the time.
- (9) Time regulator: When the time is not on time,set it agagin。



Diagram 3

Fuel meter (Diagram 4)

- Fuel meter 8 shows the left oil volume, when the indicator is on F position,shows the oil capacity is 5L.
- When it is on the Red-marked position,the volume is about 1.2L.



Diagram 4

- 5 -

Ignition switch (Diagram 5)

(1) ON (☉) — When the key is turned to this position, you can start the engine, and now, the key can't be pulled out.

(2) OFF (☒) — When the switch is turned to this position, the engine will close, pull the key out.

(3) Lock (🔒) — When the key is turned to (🔒), pull it out, and now, can't do the turning operation, the engine and all lights don't work.



Diagram 5

Lock cover switch (Diagram 6)

(1) Lock cover controlling handle: Pull the handle up, the lock cover is closed.

(2) SHUT: Turn the key in the direction of SHUT, the lock cover is closed.

(3) Lock cover: When the lock cover is closed, the key can't be put into the hole for improving the ability of security.

(4) OPEN: Turn the key in the direction of OPEN, the lock cover is open.



Diagram 6

- 6 -

Light switch 1 (Diagram 7)

Three marked positions, “☉” , “☒” and “●”

☉: When it is here, the front light, position light, rear light and meter light work.

☒: When it is here, the position light, rear light and meter light work.

●: When it is here, the front light, rear light, position light and meter light don't work.



Diagram 7

Starting switch 2 (Diagram 7)

When you pull it in, the engine is started. (Consult P14)

The front light changing switch 1 (Diagram 8)

Press “☉”, high beam; press “☒”, low beam.

Turning signal light switch 2 (Diagram 8)

When the switch is on “☒”, shows turning left, and it is on “☉”, shows turning right, and now the right turning light and signal light work. When the button is on “●”, the signal light doesn't work.



Diagram 8

- 7 -

Horn switch 3 (Diagram 8)

Pull it in, the horn works.

Steering handle switch (Diagram 9, Diagram 10)

Turn the steering handle to left until the end, and then turn the key to (⏏), you can lock it well., when you need to open the turning lock, you can do it with opposite way.



Diagram 9



Diagram 10

The seat lock (Diagram 11)

- When the key 1 is pulled into the lock hole 2, and then turn right, the lock is open.
- Press the seat, and then you can sound the lock voice. and then pull the rear part of the seat for it is lock, pull the key out.



Diagram 11

- 8 -

The luggage box (Diagram 12)

- I When the key 1 is pulled into the lock hole 2, and then turn right, the lock is open.
- I Pull the key into the hole, turn the key in clockwise for 90°, and press the luggage box to close, and then turn the key in counter-clockwise for 90°. the luggage box is closed.



Diagram 12

- 9 -

III Operation instruction

Check before driving

Make routine check-up before riding to insure the vehicle perform well and safe driving.

Oil tank volume

Turn on the ignition switch and check the fuel meter, replenish gasoline when the pointer is close to red section, moreover, check the fuel tank and oil filter if leakage.

- Oil tank volume: 5L
- Pull the key into the hole and then turn it to right to open it. (diagram 13)
- Recommended gasoline: low lead content, common oil with octane number 90
- Do not replenish oil together with dirt, water or other conta



Diagram 13

Warning:

- Replenish oil in a well-ventilated place.
- Do not replenish over-full, and remember to fasten the cap of fuel tank.
- If carelessly swallow the oil, go to the doctor immediately.

- 10 -

Check the volume of the engine oil

Check the volume (diagram 14) diagram 15

1. Use the jiffy stand to support the vehicle on smooth road, and then screw out the cover of oil hole / oil dip rod (1) and clean the oil dip rod with a wash cloth, then, just insert the rod back (do not screw it in) and check the oil stain.

2. If the oil mass is near to the lower limit mark (2), you should replenish standard oil but don't exceed the mark of upper limit (3). Then reinsert the cover of oil hole / oil dip rod, screw it down and check it if leakage.



Diagram 14

Recommend to use the oil NO.

SAE-15W/40



Diagram 15

- 11 -

Free path of rear brake handle (diagram 16 diagram 17)

Measure the free path of rear brake before it works. The free path range is 20-30mm measuring from the end of the brake handle.

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

(B) decrease the distance of free path.

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

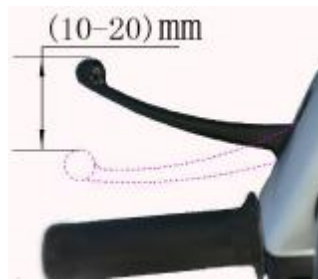


Diagram 16

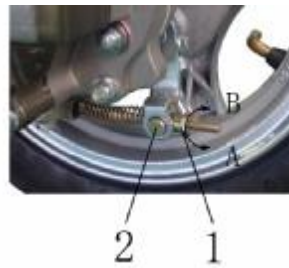


Diagram 17

Warning:

When the thickness of the disc brake goes to the marked minimum size (MIN.TH.3mm), please change it.

- 12 -

Abrasion mark of the brake (diagram 18)

- (1) Reference marks
- (2) Indicative marks

Replace the brake shoe when reference marks and Indicative marks are in line under thorough braking.

Tire

Check the tire pressure periodically and adjust it if necessary.

- Check it only when it is cooled
- Check if puncture on the tire, and also the air leakage.
- Check if any metal trash or gravel in the groove of tires.
- Replace the tire when it wears to the abrasion mark.

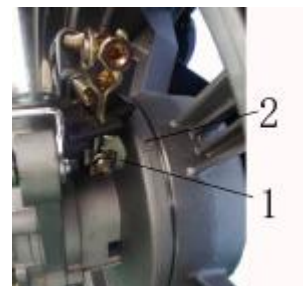


Diagram 18

Warning:

- If the tire pressure is not normal, it will probably cause a traffic accident
- It is dangerous to use over-worn tires, for it affects the adherence force between the tires and ground.

- 13 -

Starting engine(diagram 19)

- **Preparation:** release the vehicle main stand,pull the key in to ignition switch and turn to “O”.
- **Electric-start:** press start button (1) while applying the throttle slowly, and the engine starts in less than 5 seconds.



Diagram 19

Attention:

- **Before starting the engine,hold the brake handle tightly.**
- **When electric-start fails,try it again after 30 seconds.If it also doesn't work,please try kick-start.**
- **Engine kick-start :** Turn ignition switch on and apply the throttle slowly, step kick-starter pedal down quickly with strength.

Attention: After starting the engine, do pull the pedal back to original position.

To use the vehicle after a long time, it is better to kick the pedal several times at first with ignition switch off, so the engine can start easier.

- **If cold start the engine, warm up engine for about 3 minutes before driving.**

- 14 -

Driving the motorcycle

Warning

- **When riding the motor, the temperature of the exhaust pipe and muffler is very high, so you'd better wear long pants to avoid touching with the hot parts of the exhaustion system**
- **It is necessary to wear helmet, goggles and gloves while riding the vehicle**
- **When driving,do not wear loosen or unsuitable clothes. Otherwise the clothes may hook with the handle bar, start pedal or the stand.**
- **Each equipment of the motorcycle should accord with the traffic law of local government**
- **Attention:** Control the speed and payload during the first1000kmPayload among100kg is appropriate (including driver)Overtaking and overloading will shorten the life of engine, so change the crankcase oil after 300km.

Speed reference 2:

Blank 2

- 15 -

Log (km)	0~200	200~500	500~1000
Speed (km/h)	≤20	≤30	≤35

Operation for driving

- Release the main stand, and sit on the saddle with left foot on the ground to make the vehicle straight.
- Apply the throttle slowly and pull back the left foot to gain proper speed.

Warning:

- Do not apply the throttle abruptly, or the vehicle will rush forward.
- Remember to put away the main stand before running forward.

Operation for brake

1. Control throttle grip

To reduce speed, control the throttle grip and apply front-rear brakes at the same time.

Warning: when driving in rain, or on watery road, pay close attention with braking, speeding-up, or turning.

2. Operate front and rear brake simultaneously.

- 16 -

Attention: when riding down the slope, totally release the throttle and use two-brake system to reduce speed. Avoid continuous operating the brake, otherwise the brake may be overheated and decrease the braking efficiency.

Warning:

Riding at mid-high speed in slippery road or at the crook, do apply the front and rear brake at the same time, or the vehicle may slip aside and cause accident.

Operation for stopping the engine (diagram 20、diagram 21)

- Close the throttle grip: Turn it to final position according to the diagram. (Normally when release the throttle grip, the engine runs at idle speed.)
- Turn the ignition switch key to (⊗)。



Diagram 20

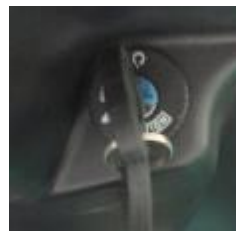


Diagram 21

- 17 -

Operation for stopping the motorcycle

When stopping the motorcycle, turn the ignition switch to (OFF) first, then step down stand and lock the steering handle.(Consult p 8)

Warning: Park the motor in a smooth ground, or it may fall down and cause injuring.

Points for anti-thief:

- Lock the handle in time,don't leave the key in the ignition switch hole.
- If possible,park it in the garage locked.
- Use the high quality anti-thief devices.
-

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 and make sure safety.

Attention: Don't refit 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.

- 18 -

Warning: Must close engine when make maintenance. It makes sure the repairer's safety, and put down the stand on the smooth ground.

Attention: Must make a good maintenance if the motorcycle don't use over one month, or don't use in all the winter, make fuel, tyre and battery avoiding corrode.

Service periodic form (Blank 3)

Check before time based maintenance (Consult p 10)

I: Check-up and adjustment needed.

C: Clean

R: Change

Blank 3

Item	Cyc	Within 2000km		Speedometer (×1000km)				Consult Page
				1	4	8	12	
*	Fuel pipe			I	I	I	I	
*	Operation of throttle			I	I	I	I	16
*	Air filter core		(Note 1)	C/1000km if necessary R				23
*	Spark plug			C/2000km if necessary R				24

- 19 -

Cyc Item		Within 2000km		Speedometer (×1000km)				Consult Page
				1	4	8	12	
*	Wave gap			I	I	I	I	
*	Engine oil		(300km) R	R	(R/3000 km)			25
*	Oil filter net				Change oil :C、If necessary: R			25
*	Idle Speed of Carburetor			I	I	I	I	24
*	Cooled system				I	I		

Add blank 3

Cyc Item		Within 2000km		Speedometer (×1000km)				Consult Page
				1	4	8	12	
*	Rotate belt			I/1000km If necessary R				
*	Gearbox engine oil	(Note 3)	(300km) R			I		26
	Brake system			I	I	I	I	12

- 20 -

Cyc Item		Within 2000km		Speedometer (×1000km)				Consult Page
				1	4	8	12	
	Brake switch				I	I	I	
*	Head light				I	I	I	
*	Hanging system				I	I	I	
*	Nuts/bolts	(注 2)		I		I		
**	Wheel/tire				I	I	I	13
**	Turnning bearing			I			I	

* If you have all of tools 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 been 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 takes more oil quantity or mot strength, it must change.

2、 If it was used every day, must make maintenance.

3、 According to season to change in a cold area.

- 21 -

Trouble	Trouble reason		Solution
Engine doesn't work	Spark plug no spark	Spark plug wear out	Change
		Ignition coil wear out	Change
		CDI wear out	Change
		Ignition switch wear out	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	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	Change
		The oil passage stops up	Dredge
		Air cleaner stop up	Clear
		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 cushion worn		Polish	
The piston-ring or the cylinder		Replacement	

- 22 -

		Piston-ring broke or stopped by the accumulated carbon	Replace piston-ring or clear carbon
--	--	--	-------------------------------------

续表 4

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 tie 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 out		Change
	The automatic clutch roller wearing		Change
Consult engine can not start			
Electric-start doesn't work	Exceed clutch worn		Change
	Start the relay wear		Change
	Lack of electric consumption		Charge
Riding unsteady	Turning axletree gap too wide		Adjust
	Lack of tire pressure		Pump
	Front and rear shaft flexible		Screw up nut

- 23 -

Air filter cleaning (Diagram 22)

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



Diagram 22

Warning:

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

The battery maintenance (diagram 23)

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

Attention: Never take apart upper cover of the battery.

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

I If the head of battery is corroded. Please take it off and clean.(us



Remarks: Before removing the battery,close the ignition switch and then remove⊖, when installing,first⊕,and then⊖。

Diagram 23

- 24 -

Adjustment idle speed (diagram 24、 diagram 25)

The carburetor has adjusted to the best situation before selling out. If it is not well adjusted, ask professional to adjust it as the following instruction.

- Warm up several minutes after engine starting.
- Screw the bolt 1 in slightly to increase the idle speed, then screw in the mix ratio bole first and next out from the idle speed adjustment screw to gain the minimum torque.
- After adjusting the idle speed, adjust the throttle free path to 2-4mm.
- After well adjusted, the engine speed can transit steadily when suddenly apply the throttle instead of turning off.



Diagram 24



Diagram 25

- 25 -

Change the engine oil and filter net clean (Diagram 24)

Change the engine oil

1 Change the engine oil only when the engine is not cool and the vehicle is supporting by jiffy Stand, to pour out all the oil completely and quickly.

Filter net clean

1 Screw out the the cover of oil hole /oil dip rod and the cover of oil filter screen,then unbolt the oil filter(1) Net(2) and the spring (3) lean the oil filter net with the impregnant

- Clean the oil filter net with the impregnant
- Fill in the oil filter net,spring and the cover of oil filter screen
- Cover of oil hole / oil dip rod. When measuring the oil level, do not screw down the cover of oil hole / oil dip rod.
- Screw up the cover of oil hole / oil dip rod.
- Let the engine work at the idle speed for several minutes and stop it .then start the engine.°
- Remeasure the oil mass. Make sure the oil mass is near to or in the mark of upper limit without leakage.



Diagram 26

- 26 -

Change the gear box oil (Diagram 27)

Recommend to use the oil NO.

SAE 80W/90 (North cold district can use the special oil)

Refuel volume

Volume when change: 0.10L

- Fix the motorcycle with the main stand

Remove the injection oil bolt 1 and leak oil bolt 2

.Attention: When leakage,the engine should take a certain temperature. For keeping the gear box is empty.

With the main stand to fix the vehicle.

- Fix it after cleaning the leak oil bolt and screw up.
- Full in the gear box with engine oil by injector
- Fix the injection oil bolt and screw up.
-

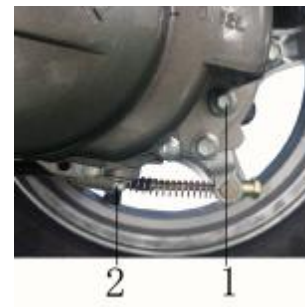


Diagram 27

- 27 -

The spark plug (diagram 28)

Spark plug types

Standard: C7HSA (NGK), A7T or A7RT

- Disconnect the joint of the spark plug cover and take apart the spark plug with special tool.
- Check if any accumulated carbon or dirt, clean them in cleanser or brush. Replace the spark plug if badly corroded.
- Normally the gap between side electrode (1) and Center electrode (2) is 0.6-0.7 mm
- Don't use the other types spark plug .

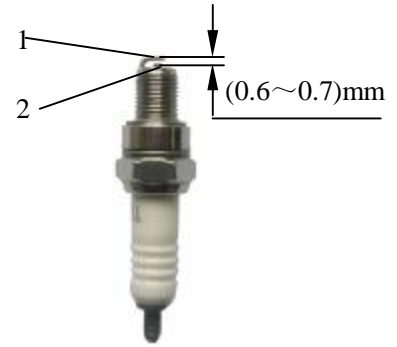


Diagram 28

Change the fuse

The rated electric current of the fuse is 15 A

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.

- 28 -

V Motorcycle 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.

- 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.

n Take apart the spark plug, inject about 15~20ml oil into the cylinder, step down the kick pedal several times and then fix the spark back on.

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

u 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.

- 29 -

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. (Consult p), 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. (Diagram 27)

Provide the above No when register, get the license, yearly inspection, and also enjoy the after-service clause. The escutcheon is riveted on the fixing board of the right part of stand frame.



VIN number is on the mid part of the frame syphon

Vehicle model fix/stick on the R/L board

Engine code is on the L cam

Diagram 29

- 30 -

VII Tool

Toolbox (Diagram 30) is placed in the luggage box under the saddle, and toolbox contains the following tools:

Wrench 8x10mm

Wrench 12x14mm

Screwdriver

Hexagonal wrench

Handle of screwdriver

Sleeve wrench 18.5x17



Diagram 30

- 31 -

VIII Main technique parameter

Blank 5

Item	Parameter		Item	Parameter
L×W×H (mm)	1830×685×1130		Front tire	3.50-10
Wheel Base (mm)	1300		Rear tire	3.50-10
Ground Clearance (mm)	110		Fr.T. pressure KPa	180
Dry Weight kg	92		Rr.T. pressure KPa	200
Max Payload kg	75		Transmission Type	CVT
Turning Angle of Steering Handle °	≤48		Speed Ratio of Transmission	10.83~33.85
V=40km/h	Fr.brake distance m	Speed-down average m/s ²	Rr. Brake distance m	Speed-down average m/s ²
	≤21.78	≥3.4		
Max speed km/h	≤50		Engine type	139QMB Single cylinder、4-stroke、air-cooled
Economic Oil L/100km	≤2.3		Bore/stroke mm	39.0×41.3
Climbing °	≥4.5		Displacement ml	49.3
Gradient of Low Beam	-1.3%		Starting model	Electric-start/Kick-start
Battery	12V 7Ah		Fuel tank capacity L	5

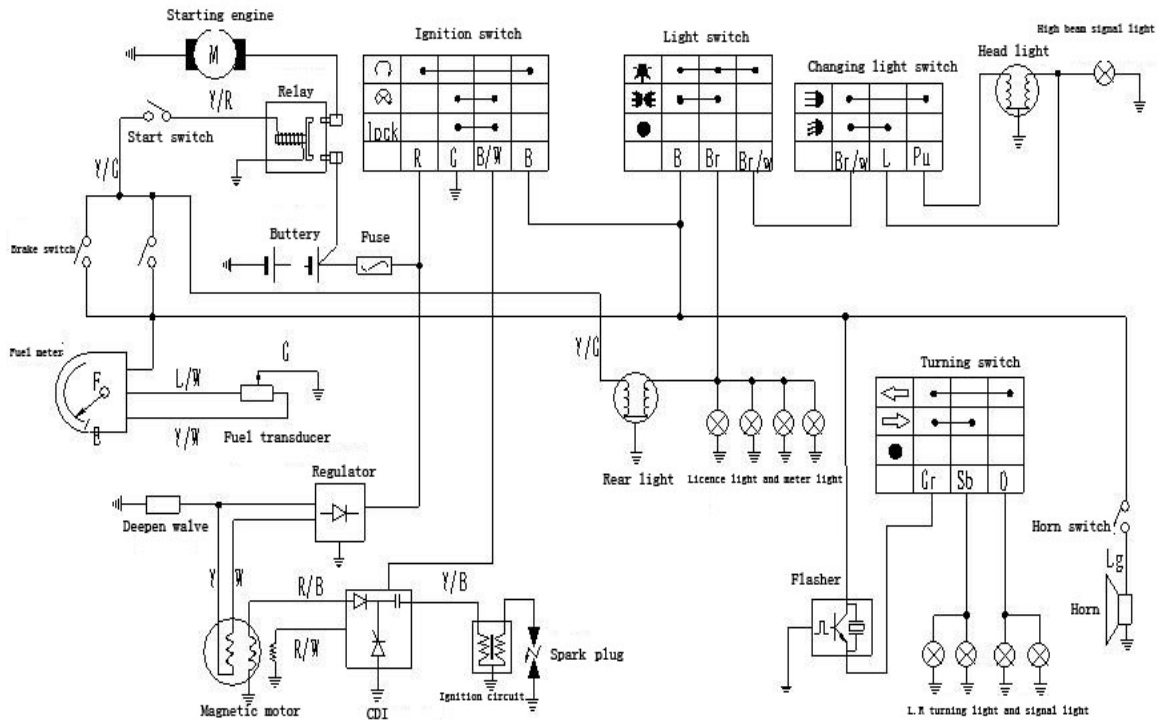
- 32 -

Add blank 5

Item	Parameter		Item	Parameter
Lubricating Way	Press and splash		Fuse	15 A
Rated Power kW/r/min	2.2/7500		Head light	12V 35W/35W
Max Torque N.m/r/min	3.0/7500		Tail Light/Brake	LED
Compression Ratio	10.5: 1		Turnning light	LED
Specification of Spark Plug	C7HSA(NGK)或 A7TC、A7RTC		Front light	12V 5W
Spark Plug Gap mm	0.6~0.7		Licence plate light	12V 5W
Idling Speed /min	(1500±150)		Fuel	RQ93 Above
Capacity of Crankcase oil, L	0.8		Capacity of Gearbox oil , L	0.11
Crankcase oil	SF SAE 15W/40		Gearbox oil	SAE 80W/90
Ignition way	CDI		Valve gap mm	0.03~0.05
Clutch type	Auto centrifugal			

- 33 -

IX Circuit diagram



- 34 -

X . Emission Control System Warranty Statement

Wangye USA Co., LLC is pleased to explain the emission control system warranty on Highway Motorcycle. New Highway Motorcycle must be designed, built and equipped to regulations and standards of the United States Environmental Protection Agency and the California Air Resource Board and free from defects in material and workmanship that may keep it from these requirements in the all applicable regulations.

Wangye USA Co., LLC must warrant the emission control system on the highway motorcycle for 5 years or 6,000 km, whichever comes first, provided that there has been no abuse, neglect or improper maintenance of highway motorcycle.

1. Period of Warranty

The period of warranty shall be one year on delivery, during this period of warranty:

- (i). Any part defective by reason of the manufacturer's faulty workmanship or material will be replaced or repaired free of charge;
- (ii). Any repairs or adjustments made necessary by reason of the manufacturer's faulty workmanship or material will be performed free of charge.

Emission control system may include parts such as the carburetor or fuel injection system, the ignition system, catalytic converter and engine computer, if it is equipped. Also included may be hoses, belts, connectors and other emission-related assemblies.

- 35 -

2. Responsibilities of Customer

To obtain repairs under warranty, the customer must:

- (i). Ensure that the motorcycle is properly operated, maintained and stored as specified in the Owner's Manual;
- (ii). Give notice to dealer approved by Wangye USA Co., LLC or other qualified service facility of any and all apparent defects immediately upon discovery, and make the entire motorcycle available at the time for inspection and repair at the dealer's place of business;
- (iii). Provide proof of warranty coverage to dealer;
- (iv). Authorize the dealer to tear down the motorcycle for diagnostic evaluation should it be required.

All warranty repairs must be done by the dealer and final approval of any repairs rests with Wangye USA Co., LLC. All parts replaced become the property of Wangye USA Co., LLC.

3. Exclusion

This warranty does not cover the repair or damage resulting from abuse or neglect of the motorcycle. Examples of abuse and neglect include, but are not limited to:

- (i). Racing and competition;
- (ii). Use of lubricants, oils and fuel/oil mixture other than those recommender in the Owner's Manual, improperly installed accessories and use of parts or accessories that are not equivalent in design and quality to genuine Wangye parts;
- (iii). Damage as a result of accidents, collisions, contact with foreign materials, impact, submersion or use of the motorcycle after discovery of a defect;
- (iv). Appearance-related damages of body parts. Examples of such damages include but are not limited to: scratches, dents, fading, flaking and peeling;

- 36 -

- (v). Motorcycle which has been modified in any way from the standard specifications shown in the Owner's Manual, for example, the odometer has been altered;
- (vi). Normal wear and tear, corrosion and routine maintenance, such as the recommended service inspections;
- (vii). Pre-delivery inspection and assembly;
- (viii). Damage from theft, fire, vandalism, explosion, water or acts of God.

4. Restriction

This warranty is in addition to, and not a modification of, any legal warranty required by the laws of any state of US.

Subject to any applicable sales or consumer legislation, the above warranty is in lieu of any warranty or representation, express or implied, including any warranty of performance, merchantability or fitness for a particular purpose on the part of Wangye USA, and any other obligation or liability on behalf of Wangye USA, and the above warranty constitutes your sole remedy and the full liability of Wangye USA. In no event shall Wangye USA be liable for special, incidental or consequential damages howsoever caused, whether by negligence or otherwise resulting directly or indirectly from the use of the Motorcycle, or the Motorcycle's having replacement parts or the unavailability of replacement parts. Wangye USA does not assume or authorize any person to create or assume for Wangye USA any obligation or liability in connection with the Motorcycle or any part thereof distributed by Wwangye USA.

5. Contact

For any questions regarding emission control system warranty, please contact as following:

Company Name: Wangye USA Co., LLC

Address: 1170 Corporate Dr. West Ste. 204, Arlington, TX 76006

Tel: 817-640-1108 ext 219

- 37 -

Fax: 817-649-5006