# FOREWORD

This manual covers the main data, basic structure, and main procedures of operation, adjustment, maintenance and troubleshooting of motorcycle. It will help you familiarize yourself with all the necessary skills so that you will bring your vehicle into full, best play with minimized trouble for a long service life.

Products are always subject to further improvement, which will cause some difference between the vehicle and this manual, without further notice.

# CONTENTS

I .Sale Drive1
II.Main Data
W.Parts and Subassemblies
W.OPERATION9
Ignition Switch9
Fuel Cock······9
Engine Starting10
Switches on Right Handlebar1
Switches on Left Handlebar
Gear Shifting
V.Check-ups,Adjustments and Maintenance······14
Machine Oil Checking14
Renewal of Machine oil14
Cleaning of Machine Oil Tank15
Check-up of Spark Plug15
Check-up, Cleaning of Air Filter
Adjustment of Throttle Cable

Adjustment of Carburetor
Check–up & Adjustment of Air Valve Gap ······18
Adjustment of Clutch20
Brake Checking20
Adjustment of Front Brake21
Adjustment of Rear Brake22
Adjustment of Chain······22
Adjustment of Braking Light Switch23
Battery Checking24
Replacement of Fuse25
Vehicle Washing25
Maintenance in Non-use Time······26
Resumption of Service······27
Maintenance Routine Diagram
Remote controller
VI.Electrical diagram
Emission Control System Warranty

# I .SAFE DRIVE

Rules for Safe Drive

Check must be conducted, before starting the engine, to prevent mishaps and damage to components.

Only the qualified person, who has passed the drive examination and to whom a drive license has been issued, is permitted to drive the vehicle but not anybody else without a drive license.

Full preoccupation is required during drive, paying attention to the following points to avoid any possible hurt to you by other motorized vehicles:

Do not drive too close to other vehicles;

Never contend for lane.

Strictly observe the local traffic rules.

As driving at overspeed is the cause of many accidents, do not drive at a speed the actual situation does not permit.

Turn on the turnlight when making a turn or changing the lane.

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

During drive, grasp the left handlebar by the left hand and the throttle twist grip by the right one, with feet on the footrests.

The luggage carrier is designed for carrying light goods, which should be securely fastened to prevent loosing that may cause mishaps during drive.

#### **Protective Wear**

1.Protective wear such as helmet with protective mask, dustproof glasses and gloves should be worn during drive for the sake of personal safety.

2. The passenger should wear hight boots or long clothes to protect legs from being hurt by the heated exhaust silencer during ride.

3.Loose clothes are not suitable for motorcycle drive or ride as they may get caught on the operating lever,kick lever,footrest or wheel,resulting in danger.

Modification of the vehicle

#### Caution:

Any unauthorized modification of the vehicle or replacement of the original parts can not ensure driving safety and is illicit. The user must observe the regulations of the traffic control authorities. We are not responsible for any vehicle with unauthorized modification.

Loading of goods

Caution:

The design of the motorcycle requires distribution of the carried goods in certain extent of equilibrium and improper arrangement of goods will adversely affect the performance and stability of the vehicle. The manufacturer shall not take any responsibility due to the reason mentioned above.

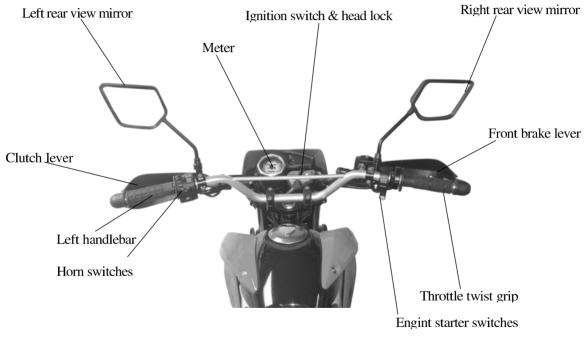
# **II**.MAIN DATA

Mode No.	B\$150GY-18D/B\$200GY-18D/B\$250GY-18D	Engine	150cc	200ec	250cc	
Overall length	Overall length 2060mm Cyl		62mm × 49.5mm	63.5mm × 62.2mm	m 67 × 65	
Overall width	Overall width 730mm		9.2:1	9.2:1	8.7:1	
Overall height	1180mm	Output,max. 8.2KW/8500r/min		10.2Kw/8000r/min	11.5Kw/7500r/min	
Wheelbase	1380mm	Torque,max	10.5N.m/7000r/min	13.4N.m/6500r/min	17 N.m/5500r/min	
Dry weight	119kg	Idling speed	1500r/min	1500r/min	1500r/min	
Max. load	150kg(including the driver)	Displacement of cylinder	149.4ml	196.9 ml	229.0 ml	
Front wheel	90/90–19(80/100–21)	Spark plug	D8TC			
Rear wheel	110/90-17(110/100-18)	Spark plug gap	0.6 mm ~0.7mm			
Speed, Max	≥ 80km/h	Cap of air Valve	Intake valve :0.04mm~0.06mm			
Brake distance	≤7m(30km/h)	Cap of all valve	Exhause valve :0.05mm~0.06mm			
Climbability	≥ 18°					

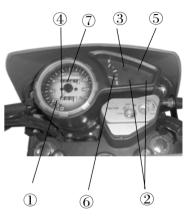
# MAIN DATA

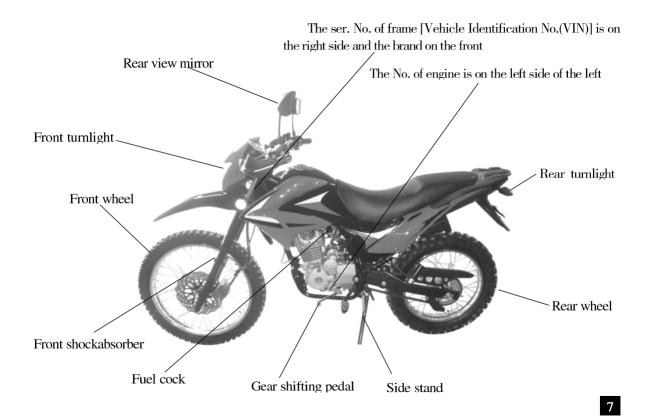
Volure of lubricating oil	1.1L	Fuse	10A
Capacity of gasoline tank	12L	Front light illuminator	12V-35W/35W
Transmission ratio		Taillight/Braking light	12V-5W/21W
1st gear	2.909	Betraying light	12V-5W
2nd gear	1.867	Turnlight	$12V-10W \times 4$
3rd gear	1.389	Neutral light	12V-1.7W
4th gear	1.150	Turn indicatior	$12V-3.4W \times 2$
5th gear	0.9545	Meter light	$12V-1.7W \times 2$
Transmission ratio of sprocket	3.125	High beam indicator	12V-1.7W
Primary transmission ratio	3.333	Ignition means	C.D.I
Battery	12V7Ah		

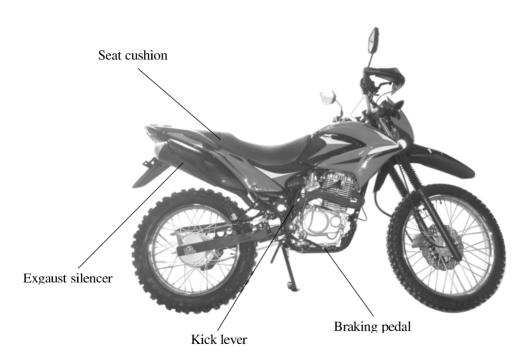
# **Ⅲ.**PARTS&SUBASSEMBLIES



	Ser.No	Name	Description
ſ	$\bigcirc$	Speedometer	In km/h
	2	Turn indicator	The left indicator is lit up when the turnlight is to the
			left and the right one lit up as the latter to the right.
	3	Hight beam indicator	It is lit up when in the neutral position.
	4	Gear position display	The gear position is displayed.
	5	Neutral indicator	It is lit up when in the neutral position.
	6	Tachometer	It shows the speed(rpm) of the engine.
	$\overline{\mathcal{O}}$	Trip mileometer	It shows the mileage of trip.





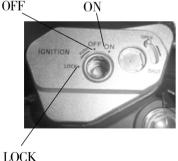


# **IV.OPERATION Ignition Switch**

 $\star$  Ignition switch

Positoin	Function	Remarks
OFF	To stop the vehicle (swiching off all circuits)	The key can be removed
ON		The key can not be removed
LOCK	To lock the steering handle	The key can be taken out

OFF



## Fuel Cock

① Fuel filter

The capacity of the fuel tank is 12L in total including 1.1L of reserve.Leadless gasoline of No. 90 or above or low lead gasoline is required for the motorcycle.To fuel the vehicle, support it by the main stand.open the lock cover of the fuel tank and fill fuel through the opening.and then close the tank by the cover with the two on them in good alignment.

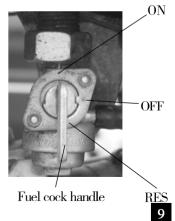
(2) Operation of the fuel cock(the valve of fuel tank)

ON:With the handle of the fuel cock to "ON" position, the fuel circuit is through for fuel supply.

OFF: With the handle of the fuel cock to "OFF" position,the fuel circuit is cut off without supply.

BES: With the handle of the fuel cock to RES position.the fuel is supplied from the reserve.

(Note:The reserved fuel can only be used when the normal supplv is run out.)In this case.refueling should be carried out as soon as possible for there is only some 1.1L of fuel reserve for use.



### **Engine Starting**

①Set the key of the ignition switch to "ON" position.

(2) Set the emergency stop switch to " $(\bigcap$ " opsition.

(3) Ascertain the neutral position, where it should be displayed.

④ Ascertain the amount of fuel in the tank.

(5) Set the fuel cock handle to "ON" positionh.

 $\star$  To start a cold engine:

1 Pull up the choke bar of the carburetor  $% \overset{(1)}{\rightarrow}$  ( to colse the choke ).

2 Rotate the throttle twist grip by 1/8 to 1/4 turn.

(3) Start the engine by the electric or the kick starting system.

④ Slightly turn the throttle twist grip to increase the speed of the engine so as to warm up the engine.

(5) Turn the carburetor choke bar downward to "B",fully open the choke when the engine is sufficiently warmed up.

#### ★ Caution:

The engine can only be started after the neutral position is ascertained.Otherwise accident will happen.

Unnecessary idle running(especialy at a high speed) is harmful to the engine.

 $\bigstar$  Procedures of stopping engine:

① Release the throttle twist grip to slow down the engine.

<sup>(2)</sup>Turn to the neutral position.

③ Set the ignition switch key to "OFF" position.

4 Set the fuel cock(the fuel tank valve)handle to "OFF" position.

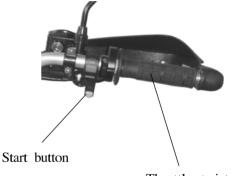
## Switches on Right Handlebar

① Electric start button(no such device for the vehicle of kick start mode only)

The electric start button is located below the headlight switch. The engine will be started by Press-ing down this button.

(2) Emergency stop switch

When starting the engine, set the emergency stop switch in " $\bigotimes$  "position to directly stop the engine by cutting off the electric power.



Thorttle twist grip

### Switches on Left Handlebar

1 Headlight switch

The Headlight switch has three positions "  $- , " P \in "$  and "  $\cdot$  "(a white point).

"  $- \overset{\circ}{\Sigma}$  ":When the switch is in this position,tail the headlight and meter lights are all lit up.

"  $P \in$  ":When the switch is in this position, the tail, betraying and meter lights are lit up.

"•":When it is in this position,the headlight tail,be–traying and meter lights are all off.

The headlight and taillight will be lit up only after the vehicle is started.

2 Light changing switch

 ${\equiv}{\bigcirc}\ {\rm position, Headlight is in high beam.}$ 

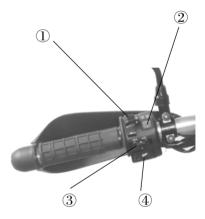
 $\mathbb{SD}$  position, Headlight is in low beam.

3 Turnlight switch

Position,Left Plsition,Right

(4) Horn button

press this button to horn.



12

#### Gear Shifting

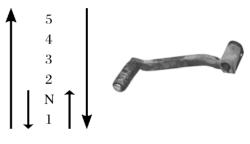
Warm up the engine for normal runing.

① When the engine is idling, disengage the clutch and tread the gear\_shifting pedal to get the gear to the lst position.

② Gradually increase the speed of the engine and slowly release the clutch lever, with a good coordination between the two operations to ensure a natural driving start.

(3) When the motorcycle reaches a balanced state of running, slow down the engine, disengage the clutch again and tread the shifting pedal to change the gear to the 2nd position. The gear can be shifted to other positions in the same way.

#### Shifting forward



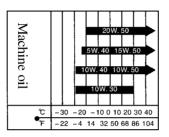
Shifting backward5

# V.Check-ups,Adjustments and Maintenance

## Machine Oil Checking

The vehicle should be checked for machine oil before drive by supporting it with the main stand on a flat ground. The oil level should be between the upper and lowerrlines of the oil gauge, which is not screwed into the filling orifice.

High quality 4-stroke machine oil, as Class SE or SD in API classification, of SAE 15W-40QE in viscosity will help maintain a long service life of the engine. In case those are not available, a substitute suitable for the ambient temperature of application should be selected according to the table on the right side.





Machine oil gauge

# Renewal of Machine oil

Machine oil plays a very important role in the normal operation of the engine and for that reason, it is necessary to check the motorcycle for machine oil periodically and renew the oil once every 800–1000 km of drive by the following procedures.

Remove the screw plug from the bottom of the hot engine to drain off all old oil.

Wash the oil filter screen clean and remount it really to position. Then fill in 1.1L fresh machine oil and start the enging for idle running 2–3 minutes.

Let the engine stop for 2–3 minutes, and check to see whither the oil livel is in be– tween the upper and lower line the oil gauge.

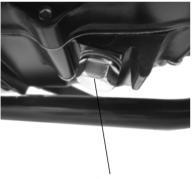
Do not use any machine oil of a different grade than the specified one to avoid machanical failure.

# **Cleaning of Machine Oil Tank**

①Drain off all the run–in machine oil from the oil tank.

- (2) Dismount the related parts.
- 3 Wash clean all the related parts.
- 4 Fill in the required oil.

\*This job should not be done by any untrained persons but shall be done at an authorized service center.





## Check-up of Spark Plug

 $=0.6 \sim 0.7 \text{mm}$ 

①Remove the cap of spark plug and screw off the spark plug by the plug wrench.

② Clean the spark plug all around or replace it if it is corroded or there is too much deposit on it.

③Regulate the gap of the spark plug to 0.6–0.7mm.

(4) The spark plug of the designated type should be used.

The applicable type of spark plug as fallowed:

Screw plug for oil draining

## Check-up, Cleaning of Air Filter

Take out the air filter and check if it is contaminated. Dismounting:

Remove the left side cover screw of the filter, open the left cover and disassemble the air filter.

Cleaning:

Wash the filter in clean washing oil and wipe it dry with dry cloth.

Soak the filter element in clean machine oil,squeeze it dry and fit it back to position.

Recommended oil:15W/40QE

Caution:

The air filter element for use must be intact or the engine will suck in dust and dirt, resulting in a shorter service life of the engine.

Water should be prevented from entering into the filter in washing the vehicle.

The filter shall never be cleaned with gasolinge on any other agent of a low ignition point.



Collar clamp

## Adjustment of Throttle Cable

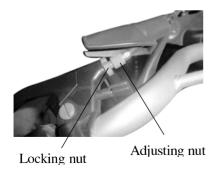
Make sure that the adjusting nut of the throttle cable works normally.

Check to see if the throttle twist grip is with the required free operating movement.

The required free operating movement:2–6mm.

If the grip can not be so moved freely,turn the adjusting nut to ensure it.

\*After adjustment, start the engine and check for the free operating movement again. Repeat the adjust ment if necessary until it is as required.

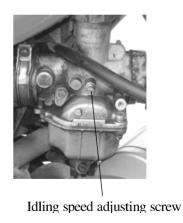


Adjustment of Carburetor

#### Caution:

The idling speed adjustment of the engine should be carried out with a hot engine.

Set the idling speed to the required value by the help of the idling speed adjusting screw with the vehicle standing on a flat ground. The required idling speed:1.500 ± 150r/min.



## Check-up & Adjustment of Air Valve Gap

Noise will stem from too big gap of the air valve. However if there is too small gap or even no gap at all, closing of the valve will be hindered, which will cause burn of the valve and output drop. Therefore, the air valve gap must be checked periodically.

The gap of the air valve should be inspected and adjusted with a cold engine by the following procedures:

①Remove the caps of the central hole and the top hole(the ignition timing observation hole)in the left crank-case cover.

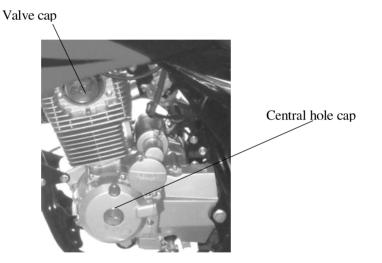
(2) Remove the caps of the two air valves on the cylinder head.

③Insert the "T" key into the central hole of the crankcase cover, jam it against the nut of the flying wheel and then turn the flying wheel clockwise until the engraved "T" mark on the flying wheel aligns with the engraved line on the top of the crankcase cover. Swing the rocking arm slightly. A loose rocking arm(which indicates the existence of clearance) shows that the piston is in the lower stop position of the compressing stroke. In this case, continuously turn the "T" key dackwise for 360 degrees until the alignment of those engraved marks, where the valve can be adjusted. Afterwards, check the valve gap by inserting a feeler in between the valve adjusting screw and the end of the valve.

The specified air valve gap:0.05mm for the intake and exhaust valves respectively.

4 If the adjustment needed, loosen the locking nut of the valve, turn the adjusting nut till a slight resistance is felt on inserting the feeler.

At the end of the adjustment, tighten the "Locking nut" to prevent loosening and conduct another check to make sure that the valve gap is OK before all those dismounted caps are refitted on.



### Adjustment of Clutch

 $\bigstar$  The clutch should be adjusted with the engine in stopped state.

There should be a free operating movement of 10–20mm at the end of the clutch lever as shown in the figure on the right side.

When adjustment is needed, loosen the locking nut on the clutch operating cable and set the clutch lever to the required range of free operating movement. In case of adjustment to be made to a great extent, turn the clutch adjusting screw studon the right crankcase.

Restart the engine to ascertain whether the adjusted clutch works normally.

★ Readjustment has to be made if there is a slip of clutch or a difficulty in the engagement of gears.

## Brake Checking

(1)Pull up the front and rear brakes respectively and check for wear of the brake shoes. If the mark " " on the brake drum cover aligns with that " "on the brake cam, it means that the brake shoes are already worn to the limit and have to be.

(2)Replacement should be carried out at a designated service center and it is recommended that the parts made by our company are used therein 10–20mm.





## Adjustment of Front Brake

(1)The front brake lever has a free operating movement of 10–20mm as shown in the figure on the right side.

(2)If adjustment is needed, turn the adjusting nut near the lower side of the front hub, clockwise to reduce and counterclockwise to increase the free operating movement of the brake lever.

(3)After adjustment, the groove of the adjusting nut should be aligred with the pin of the brake arm.

#### Caution:

After adjustment, check the front braking system. The braking light should be lit up on time when the front brake is applied by gripping the brake lever.

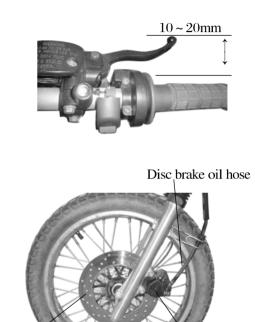


Plate of disc brake





## Adjustment of Rear Brake

 $\star$  The vehicle should be supported by the main stand for check.

(1)The rear brake pedal has a free operating movement of 20–30mm as shown in the figure on the right side.

(2)To make adjustment, turn the rear brake adjusting nut clockwise to reduce and counterclockwise to increase the free operating movement of the brake pedal.

(3)After adjustment, the groove of the adjusting nut should be aligred with the pin of the brake arm.

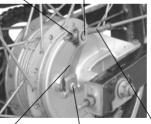
Caution:

After regulation, check the rear braking system. The braking light should be lit up on time when the rear brake is applied by stepping down the brake pedal.



Rear brake pedal Adjusting nut

Rear brake arm



# Adjustment of Chain

 $\bigstar$  Check the chain for wear, tension and lubrication.

(1)With the motorcycle supported by the main stand,turn the upper and lower postions of the chain by hand to check for its tension to see if the sag is within the specified range of 10–20mm.

(2)When regulation is needed,loosen the axle nut and locking nut of the rear wheel,then set the chain to the required tension by turning the adjusting nut.

(3)Apply a little grease to the chain. *Caution:* 

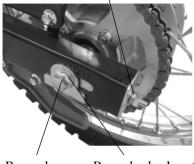
At the nd of regulation, the marks on the chain adjuster should be in good coordination with the engraved line on the horizontal fork al position is concerned.

Brake cam Brake pull rod

Brake arm pin

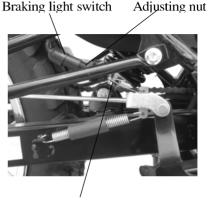


Chain adjuster(with graduations)



Bear axle

Rear wheel axle nut



Braking light switch spring

# Adjustment of Braking Light Switch

 $\star$  The braking light should be lit up on time as soon as the rear wheel is braked. If not, regulation shall be made by turning the adjusting nut.

★ With the braking light switch in "ON" position, the braking light should be lit up. If not , check should be carried out to see shether the braking lamp, circuit and switch work normally, Make replacement if needed.

#### Caution:

For the adjustment of the braking light switch, the brake needs to be first checked to make sure that the free operating movement is ensured within the specified range.

### **Battery Checking**

(1) Open the right side cover.

(2) Clean away dust and corrosive from the surface of the battery.

(3) Set the vehicle in a vertical position to see whether the level of the battery electrolyte is between the upper and lower mark lines. If it is below the lower one.distilled water shall be added to the battery.

(4) Seriously corroded conductor connectors of the battery shall be replaced.

Caution:

To dismantle battery. disconnent the negative(-) electrode before the positive(+)one, and vice versa in installation. Ensure against any contact of the positive(+)electrode with the vehicle body.

Never have the electrolyte level come over the upper mark line when adding distilled water. Otherwise overflow and corrosion

will occur.

The electrolyte contains sulturicacid and will cause serious hurt to skin and eves by contact.In case of contact with it, wash it off for 5 minutes and see a doctor immediately.

Foreign matter should be prevented from entering into the battery during dismounting and installation.

The breathing pipe must be kept unblocked. Positive(+)

connctor

Negative(-)

connctor



Lower electrolyte level line

**Replacement of Fuse** 

Set the ignition seitch to "OFF" position. The specified fuse tube of 10A should be used. for replacement.

Open the left side cover. remove the fuse holder on the siede of the battery and replace the fuse tube.

If the new fuse tube is broken again as soon as it is fitted on.it means that there is some trouble with other electric parts.

Caution: Do not use any fuse over 10A

Be sure not to wash the battery when washing the vehicle.

Upper electrolyte

level line

## Vehicle Washing

Cleaning the vehicle regularly can slow down the color fading of its body make it easier to check if there is any damage and any oil leakage with it.

Caution:

Washing the motorcycle with over-pressurized water may cause damage to some of its components. Therefore, do not jet over-pressurized water directly on to -the following parts:

--Wheel hub

--Exhaust pipe

--Fuel tank and lower portion of cushion

---Carburetor

--Head lock and ignition switch

--Meters

(1)After pre-wiping, the vehicle should be washed with clean water to remove dirty residues so as to prevent corrosion. Plastic subassemblies should be cleaned by wiping with colth or sponge soaked in neutral detergent solution, followed by washing with clean water.

(2)After the cleaned vehicle is air dried, grease the chain and run the engine at idling speed for a few minutes.(3)Prior to driving, carefully check braking system repeatedly and repair of adjust it if necessary.



#### Maintenance in Non-use Time

Storage and Maintenance

For the motorcycle to be stored for a long period of time, attention should be paid to the prevention of moisture, sunshine and rain attack in order to protect it from unnecessary damage. Special check-ups should be carried out on those important parts and subassemblies befor storage.

① Change lubricating oil.

2 Grease the chain.

③ Drain off fuel from the fuel tank and carburtor (for the vehicle not to be used for over a month, the fuel in the latter must be thoroughly drained away), turn off the fuel cock and fill antirust solution into the fuel tank, followed by closing the tank with the cover.

#### Caution:

As fuel is inflammable, the engine should be stopped before filling or drain fuel and it is prohibited to smoke at the fuel storing, filling or draining location. (1) Take out the spark plug,fill about 15–20ml of clean lubricating oil into the cylinder, step down the kick lever repetitively for several times and finally fit the spark plug back on.

#### Attention:

The ignition switch key must be set to "OFF" position before stepping down the kick lever. To protect the ignition system from damage, the spark plug should be put on its cap and earthed.

(5) Dismantle the battery and put it in a shady, cool and well-ventilated place. It is suggested that the battery be charged once a month.

©Clean the vehicle, spray the colored part with color fastening agent and apply antirust oil to the part vulnerable to rust.

⑦ Inflate the type as required and pad the vehicle up with the two wheels clear of the ground.

⑧ Put the covering over the motorcycle.

## **Resumption of Service**

①Remove the cover and clean the vehicle.Change the lubricating oil if the vehicle has been off service for over 4months.

(2) Charge the battery and remount it.

③ Drain off the antirust solution from the fuel tank, followed by filling fuel therein to the required level.

④ Prior to driving,test the vehicle at low speed in a safe place.

Maintenance Routine Diagram

The vehicle should be under good maintenance as specified in the following table, where;

"I"means:Check, cleaning, adjustment, lubrication and/or replacement are needed.

"C"means:Cleaning is needed.

"R"means:Replacement is needed.

"A"means:Adjustment is needed.

"L"means:Lubrication is needed.

"\*"means:This item of maintennace should be carried out at a service center.It may be also done by the user himself with reference to this manual provided he has special tools,sparts and is capable of this job.

"\* \*"means:This item can only be carried out by the serviceman at General Accessories Corp. service center in order to ensrue safety.

Notes: 1. Maintenance should be conducted more frequently when the motorcycle drives in dusty areas.

2. When the read-out of the odometer exceeds the maximum figures specified in the table, maintenance should be still cycled according to the interval of mileage stated herein.

Frequency		item/Frequency	Odometer km(Note 2)				
Item of Maintenance		nem/ Frequency	1000km	_4000km	8000km	12000km	Remark
*	Circuit of fuel system			I	I	I	i
*	Fuel filter		С	С	С	С	
*	Throttle operating sysem		Ι	I	I	I	
*	Choke of carburetor			I	I	I	
	Air filter element	R - yearly		С	С	С	
	Spark plug	R - yearly	I	I	I	R	
*	Air valve gap		I	I	1	I	
	Air valve gap		I		1	I	
	Engine lubricating oil		R	One r	eplacement every 2	000km	
	Lubricating oil screen	Monthly		С	C	C	
*	Tension of chain		Α	Α	A	A	
*	ldling speed of carburetor			Ι	I	I	
	Driving chain	R – 4year			I L every 500km		
	Battery		I	I	I	I	
	Wear of brake shoes	r – 2year		I	·I	I	
	Rear braking system		I	· I	I	I	
* *	Braking liquid hose			I	I	I	also for disc style
**	Cup of braking liquid	1	I	I	I	I	
* *	Braking liquid		One replacement every two year				
* *	Front braking system		I	I	I	1	
*	Rear braking light switch		I	I	I	I	
*	Light changing of headlight		I	I	I	I	
	Clutch		I	I	I	I	
	Side stand			I	I	I	
*	Suspension		1	I	I	I	
*	Nuts, bolts & other fasteners	-	1	I	I	I	
**	Wheel/spokes		I	I	I	I	
* *	Bearing of steering handle		I			I	

## Remote-Controller's Function Operation And Instructions

Function operation:

• Set acousto–optic anti–theft:

Press the button The hown will sound & the turnlight flash once. three seconds later, be in the warning state of acousto-optic antitheft.

 $\bullet$  Anti–theft sensing:

In the state of anti-theft, any shock to the motorcycle makes the system present impedance followed with horn sounding once & turnlight flashing once. incase of further harassing activities within the following three seconds, the system is to sound the alam immediately; horn ringing, turnlight flashing and engine being locked automatically. remain warning state after the alarm stopped automatically. in case the motorcycle is stolen, electricswitch shall flashing and engine being locked autor\matically.

• Anti-theft relieving:

In the state of anti-theft, press the button and the horn will sound twice & the light flash twice to relieve the state of anti-theft.

• Remote–control starting:

Press the button to ignite and drive the motorycycle

without start. if difficult, press the button longer till start.

Press the button to stop the motorcycle in the state of remote–control starting.

ullet Anti–rob:

In the state that the engine is working, press the button to stop the motorcycle in such emergencies as being robbed of or stolen.

• Acousto-optically target-seeking:

Set acousto-optic anti-theft, therr seconds later, press the button for horn and light flash so as to find the motorcycle at the parking lot.

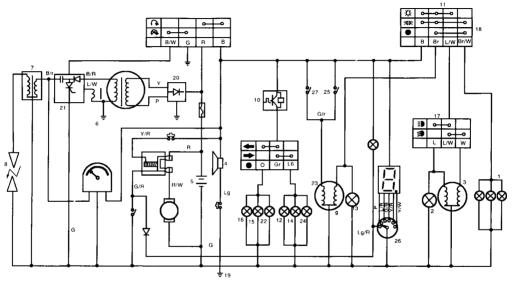
Instructions to remote-controller use.

• The function of remote–control starting only applies to the motorcycle which is equipped with automatic transmission orable to electrically start.

• Pay attention to the prevention of soaking, hard throwing and high temperature to aviod natural loss of electrical power.

 $\bullet$  Do not put the keys to the remote–controller into the lock.

# ELECTRICAL DIAGRAM



- 1. Position Light 2. High beam indicator 3. Headlight 4. Horn 6. Grenerator 7. Lgnition coil 8. Spark plug 9. Taillight
- 11.Illuminator switch 12.Front right turnlight 13.Meter light 14.Right turn indicator 15.Left turn indicator 16.Front left turnlight 17.Higth and low beam 18.Illuminator switch 19.Earthing piece
- 20. Regulator reelifier
- 21.CDI
  - 22.Rr leftturnlight
- 23.Rr leftturnlight
- 23.Brake light
  - 24. Rr right turnlight
    - 25.Rear braking switch
    - 25.Rear braking switch 26.Gear position switch
    - 26.Gear position switch 27.Front braking switch

9.Taillight 10.Flasher

30

## YOUR WARRANTY RIGHTS AND OBLIGATIONS

The U.S. Environmental Protection Agency, and **Bashan Motorcycle USA Inc.** (hereinafter "**Bashan USA**") are pleased to explain the emission control system warranty on your 2015 Highway Motorcycle. New highway motor vehicles must be designed, built and equipped to meet U.S. EPA Federal. Bashan USA must warrant the emission control system on your vehicle for 18,000 km or for 60 months, whichever comes first, provided that there has been no abuse, neglect or improper maintenance of your vehicle.

Your 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.

Where a warrantable condition exists, Bashan USA will repair your vehicle at no cost to you, including diagnosis, parts and labor.

If an emission-related part on your vehicle is defective, the part will be repaired or replaced by Bashan USA. This is your emission control system DEFECTS WARRANTY.

I. Owner's warranty responsibilities. As the vehicle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Bashan USA recommends that you retain all receipts covering maintenance on your vehicle, but Bashan USA cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to the Bashan USA's dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the vehicle owner, you should be aware that Bashan USA may deny your warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you use your vehicle in any type of competitive event, this warranty is immediately and completely void.

If you have any questions regarding your warranty rights and responsibilities, you should contact Bashan Motorcycle USA Inc.'s customer service department, 12825 Alondra Blvd,Norwalk,CA 90650,TEL: 855-

503-7887.

Bashan USA warrants that each new 2015 and later Bashan USA's highway motorcycle:

- **A**. is designed, built and equipped so as to conform at the time of initial retail purchase with all applicable regulations of the United States Environmental Protection Agency, and
- **B.** is free from defects in material and workmanship which cause such vehicle to fail to conform with applicable regulations of the United States Environmental Protection Agency for the periods specified above.
- **II. Coverage.** The emission control system warranty period for this vehicle begins on the date the vehicle is delivered to the first purchaser other than an authorized dealer, or the date it is first used as a demonstrator, lease, or company vehicle, whichever comes first and continues for the period of time listed above. This warranty is transferable to each subsequent purchaser for the duration of the warranty period.

Warranty repairs will be made without charge for diagnosis, parts, or labor. All defective parts replaced under this warranty become the property of Bashan USA. A list of warranted parts is included in this warranty statement. Normal maintenance items, such as spark plugs and filters, that are on the warranted parts list are warranted up to their required replacement interval only.

Only Bashan USA approved replacement parts may be used in the performance of any warranty repairs and must be provided without charge to the owner. The use of replacement parts not equivalent to the original parts may impair the effectiveness of your engine emission control system. If such a replacement part is used in the repair or maintenance of your engine, and an authorized Bashan dealer determines it is defective or causes a failure of a warranted part, your claim for repair of your engine may be denied. If the part in question is not related to the reason your engine requires repair, your claim will not be denied.

III. To obtain warranty service. You must take your Bashan Vehicle, along with your sales receipt or other proof of original purchase date, at your expense, to any Bashan dealer who is authorized by Bashan to sell and service that Bashan product during his normal business hours. Claims for repair or adjustment found

to be caused solely by defects in material or workmanship will not be denied because the vehicle was not properly maintained and used.

If you located more than 100 miles from an authorized dealer, You have to contact our service department, we will either reimburse you for shipping costs to and from the nearest authorized dealer, or send a service technician to visit you to make the warranty repair, or reimburse for the repair to be made at a local non authorized repair shop.

If you are unable to obtain warranty service, or are dissatisfied with the warranty service you received, contact the owner of the dealership involved. Normally this should resolve your problem. However, if you require further assistance, write or call the Bashan Motorcycle USA Inc. Customer Service Department.

IV. Limitations This Emission Control System Warranty shall not cover any of the following:

- A. Repair or replacement as a result of
  - (1) accident,
  - (2) misuse,
  - (3) repairs improperly performed or replacements improperly installed,
  - (4)use of replacement parts or accessories not conforming to Bashan USA's specifications which adversely affect performance and/or
  - (5) use in competitive racing or related events.

B. Inspections, replacement of parts and other services and adjustments required for required maintenance.

**C.** Any vehicle equipped with an odometer or hour meter on which the odometer mileage or hour meter reading has been changed so that actual mileage cannot be readily determined.

#### V. Limited liability

A. The liability of Bashan USA under this emission control system warranty is limited solely to the remedying of defects in material or workmanship by an authorized Bashan USA' dealer at its place of business during customary business hours. This warranty does not cover inconvenience or loss of use of the

vehicle or transportation of the vehicle to or from the Bashan USA' dealer.Bashan USA shall not be liable for any other expenses, lossor damage, whether direct, incidental, consequential or exemplary arising in connection with the sale or use of or inability to use the vehicle for any purpose. Some states do not allow the exclusion or limitation of any incidental or consequential damages, so the above limitations may not apply to you.

- **B.** No express emission control system warranty is given by us except as specifically set forth herein. Any emission control system warranty implied by law, including any warranty of merchantability or fitness for a particular purpose, is limited to the express emission control system warranty terms stated in this warranty. The foregoing statements of warranty are exclusive and in line of all other remedies. Some states do not allow limitations on how long an implied warranty lasts so the above limitations may not apply to you.
- C. No dealer is authorized to modify this Bashan USA limited emission control system warranty.
- VI. Legal rights. This warranty gives you specific legal rights, and you may

Also have other rights which vary from state to state.

- VII. This emission control system warranty is in addition to the standard limited warranty for all vehicles.
- VIII. Additional information. Any replacement part that is equivalent in performance and durability may be used in the performance of any maintenance or repairs. However, Bashan USA is not liable for these parts. The owner is responsible for the performance of all required maintenance. Such maintenance may be performed at a service establishment or by any individual. The warranty period begins on the date the motorcycle is delivered to an ultimate purchaser.

#### Bashan Motorcycle USA Inc.

12825 Alondra Blvd,Norwalk,CA 90650 U.S.A

TEL: 562-275-7262 FAX:562-275-7262

