



Owner's Manual

HOOOLIGAN
1701

Notice



This owner's manual contains important safety, operational and maintenance information. Any person operating or riding as a passenger on your scooter should carefully read and fully understand the entire contents of this manual prior to riding the vehicle. For your safety, follow all safety warnings contained within the owner's manual and the labels applied to your scooter. You should keep this owner's manual in your vehicle at all times and it should be considered a permanent part of the vehicle.

If you have any questions, please ask your dealer for assistance.

Safety symbols and notes. Please observe the following:



WARNING

Failure to follow instructions with a WARNING symbol could result in serious injury or death. Precautionary measures are required.



CAUTION

Important instructions and precautionary rules to avoid damage to the vehicle. Non-observance can lead to an unsafe vehicle condition.



NOTE

Special instructions and precautionary measures for better handling during operation, inspection, adjustment and service activities.



WARNING

California Proposition 65

Operating, servicing and maintaining a passenger vehicle or off-road vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Introduction



Congratulations on your purchase of the Genuine Scooter Company Hooligan 170i.

Please read this manual carefully prior to riding so that you will understand how to safely operate your scooter, understand its capabilities and limitations and become aware of all vehicle controls and features.

This owner's manual contains important maintenance information. The efficiency and longevity of your scooter will depend heavily on your operating methods and periodic maintenance. Failure to operate and maintain your scooter as instructed in this owner's manual may void the limited warranty and reduce the efficiency and reliability of your vehicle.

The first 500 miles are the most important in the life of your scooter. Proper break-in during this time will ensure maximum life. Please refer to the break-in section for specific break-in procedures prior to riding.

You should always use GENUINE OEM parts for all maintenance and repairs as they have been designed specifically for your vehicle. Use of non-OEM parts on your vehicle may void any warranty.

PRIMA is the official accessory of Genuine Scooter Company. All PRIMA brand accessories have been tested and approved for use on your scooter by Genuine Scooter Company. Be aware that the installation of accessories not approved by Genuine can lead to unsafe operating conditions.

GENUINE MOTOR OIL is the official lubricant of Genuine Scooter Company. All GENUINE MOTOR OILS have been tested and approved for use in your scooter by Genuine Scooter Company. Be aware that the use of lubricants not approved by Genuine for use in your vehicle can lead to damage to your scooter and may void any warranty.

Your authorized Genuine Scooter dealer is the primary resource for information, parts and service. If you have any questions, please ask your dealer for assistance.

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Vehicle Safety



Accessories

The addition of unsuitable accessories can result in unsafe operating conditions.

Genuine approved accessories, such as Prima brand, have been designed for and approved by Genuine for use on your scooter. Always install Genuine approved accessories on your scooter. Your dealer can assist you in selecting and correctly installing accessories for your scooter.



Modification

Modification of your scooter or removal of original equipment may render the vehicle unsafe or illegal. Obey all applicable equipment laws and regulations. Only use accessories that have been approved by Genuine for this scooter.

Motorcycle Noise Regulation

TAMPERING WITH NOISE CONTROL SYSTEM PROHIBITED

Federal law prohibits the following acts or the causing thereof: (1) The removal or rendering inoperative by any person other than for purposes of maintenance, repair, or replacement of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use or (2) the use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

"AMONG THOSE ACTS PRESUMED TO CONSTITUTE TAMPERING ARE THE ACTS LISTED BELOW".

These acts include tampering with the following systems; i.e., modification, removal, etc.

Exhaust System - Muffler, Exhaust pipe, Silencer
Intake System - Air cleaner case, Air filter, Intake duct

Vehicle Safety



Properly load your scooter

You and any passengers should utilize the floorboard and footrests for your feet. Do not exceed the load limits of the vehicle. Properly secure all cargo.



Maintain your vehicle

Perform any maintenance required per the maintenance schedule or as otherwise necessary to keep your scooter in a safe operating condition. If you notice any leaks or notice odd sensations such as vibration, immediately stop your vehicle.

Pre-Ride Inspection

Always perform a pre-ride inspection of your scooter prior to each ride. Review the pre-ride inspection instruction section contained within this manual for more information.

WARNING

Not performing a pre-ride inspection, altering your vehicle from the stock configuration, or failure to properly maintain your vehicle can result in serious injury or death. Check your vehicle regularly and have any problems corrected as soon as possible.

Carbon Monoxide Gas

The engine exhaust from this vehicle contains carbon monoxide, a colorless, odorless, and highly toxic gas.

An enclosed area such as a garage can quickly fill up with carbon monoxide gas. Do not run the engine in enclosed areas that are poorly ventilated. Move the vehicle outdoors before operation.



WARNING

Carbon monoxide gas is toxic. Breathing carbon monoxide can cause unconsciousness and even kill you. Avoid running your engine within enclosed areas or activities that expose you to carbon monoxide.

LIMITED WARRANTY FOR GENUINE SCOOTERS

This is to be presented by the authorized GENUINE dealer to the purchaser of GENUINE scooters. We provide the following services:

1. TO OBTAIN THE WARRANTY SERVICE

A. Effectiveness of the warranty

- a. After completing the warranty card, the GENUINE selling dealer will give you the warranty card.
- b. Please bring your scooter back to the original dealer for initial maintenance within 30 days after purchase, then the warranty is effective.

B. Warranty period

For the detail warranty condition, please check with your dealer.

2. PROCEDURE OF THE WARRANTY

- a. The customer must maintain scooter periodically according to GENUINE user's book and keep the complete maintenance record.
- b. The dealer shall check the warranty card, periodically maintenance record, license card for the customer.
- c. Only the GENUINE authorized dealer can accept the warranty application.

3. THINGS NOT COVERED IN THIS WARRANTY

A. Any of the followings are not covered:

- Defects caused by inappropriate maintaining or any artificial damages.
- Any accidents caused by natural disasters or out of human's control.
- Did not use fuel or spare parts provided or recommended by the GENUINE , or made any modification of the scooter.

- Scooters used for competition , performance or rental vehicle.
- Any re-assembling or dismantling of scooters which violates the rules of GENUINE service manual.
- Defects caused by unlicensed rider.
- Improper storage or transport.
- Not following the riding rules of Government or GENUINE Manual Guide.

B. The following expenses are not covered:

- (1)Consumable goods(including battery, bulbs, rubbers, cables, screws, piston rings, spark plugs, gaskets, brake pads, brake linings, clutch lining, springs, V-belt, CVT-rollers, fuses, air filter elements, oil filter, fuel filter)
- (2)Material of periodic maintenance and inspection, such as fuel, lubricant and fluid.
- (3)Any costs caused by the break down of the scooter. (including telephone bill, travel fee, transportation fee, rental fee, fines)

4. INTERRUPTION OF THE WARRANTY PERIOD

The user should send the scooter to repair immediately after the defects are found. If the defect worsens due to the delay of the repair, the GENUINE will not be responsible for the damage.

IF THERE IS A MAJOR CHANGE IN THE WARRANTY COVERAGE, THE GENUIN WILL MAKE OFFICIAL ANNOUCEMENT TO ALL DEALERS AND WILL NOT

SCOOTER SAFETY

▲ WARNING

.Scooter riding requires special afford on your part to ensure your safety.

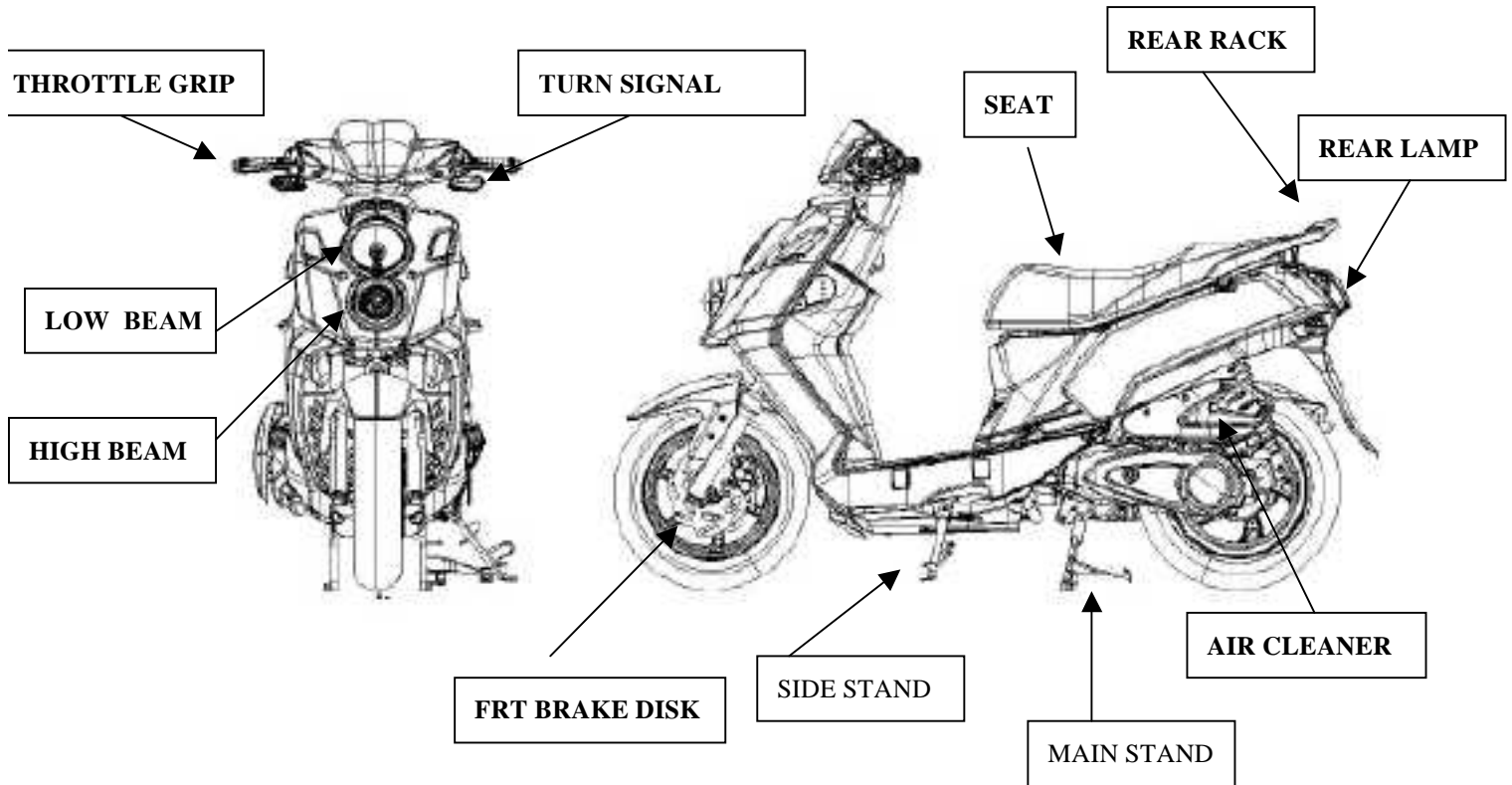
Know these requirements before you ride:

SAFE RIDING RULES

1. Always make a pre-ride inspection(page 16) and perform any needed adjustments or repairs before you ride the scooter.
2. Many accidents involve inexperienced riders. Most countries require a special scooter riding test or license. Make sure you are qualified before your ride.
NEVER lend your scooter to an inexperienced rider.
3. Many automobile/scooter accidents happen because the automobile driver does not "see" the motorcyclist. Make yourself conspicuous to help avoid the accident that wasn't your fault:
 - Wear bright or reflective clothing.
 - Don't ride in another motorist's "blind spot"
4. Obey all national and local laws and regulations.
 - Excessive speed is a factor in many accidents. Obey the speed limits, and NEVER travel faster than conditions warrant.
 - Signal before your make a turn or lane change. Your size and maneuverability can surprise other motorists.
 -

5. Don't let other motorists surprise you. Use extra caution at intersections , parking lot entrances and exits, and driveways.
6. Keep both hands on the handlebars and both feet on the floorboards while riding. A passenger should hold on to the scooter or the feet on then passenger foot pegs.
7. Never leave your scooter unattended with the engine running.
8. Moderate your speed when ridding over bumpy roads. Avoid hitting road hazards, such as sharp bumps and holes, in the road surface. These hazards can cause loss of control or structural damage to the vehicle.

Hooligan Parts location:



IDENTIFICATION

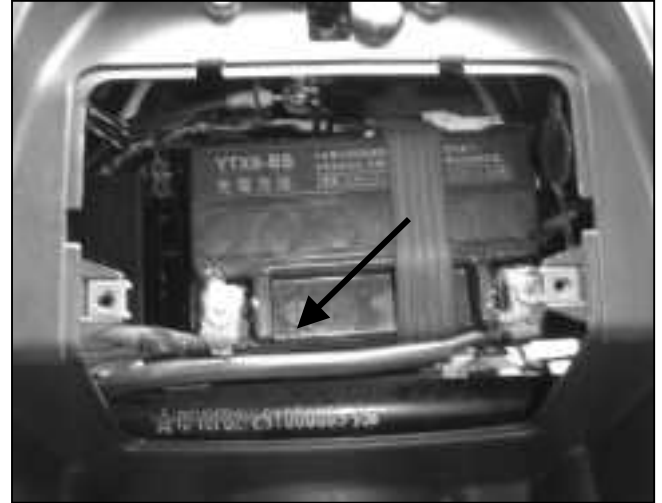
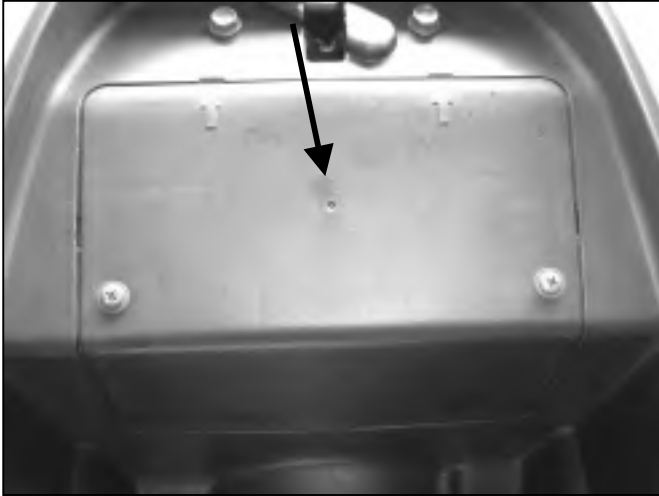
1.Engine No. is located (stamped) on the rear side of the left crankcase.



Record your Engine Serial Number: _____

IDENTIFICATION

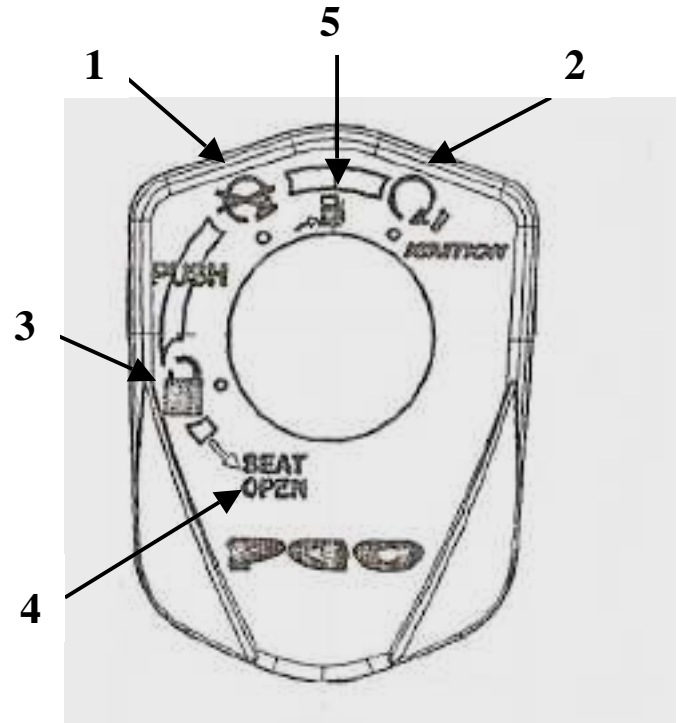
2. Vehicle Identification Number (VIN) is located (stamped) inside the rear battery cover.



Record your Vehicle Identification Number: _____

THE FUNCTION OF SWITCHES MAIN SWITCH

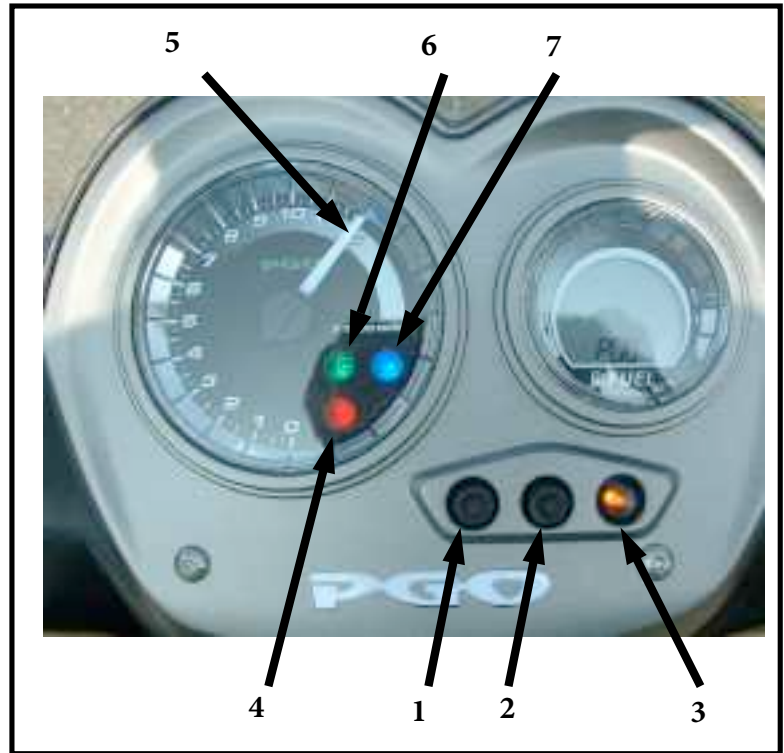
1. All the power is cut off , the key can be removed in this position.
2. The power is ON, engine can be started, the key can not be removed in this position.
3. The handle bar is locked at this position.
4. “Push + turn counterclockwise”:
to open the seat.
5. When at position #1, “Push + turn clockwise”
to open the fuel cap.



■ LCD SPEEDOMETER

A、 Main items

1. **SELECT** button: refer to next page
2. **ADJUST** button: refer to next page
3. **EMS Indicator** (LED)
 - EMS light will illuminate for approximately 3 seconds upon key on as a test.
 - IF EMS light illuminates during operation, please contact your GENUINE dealer to inspect and determine cause.
4. **ENGINE OIL CHANGE** light
 - Light will illuminate every 1875 miles as a reminder to change your oil.
5. **Engine speed**: * 1000RPM/ unit
6. **Signal indicator**: Illuminates flashing when signal light is switched on.
7. **High beam**: Illuminates when high beam headlight is on.



8. Fuel Guage: will blink when low

9. when fuel gage reaches this point, it will blink to remind you to add fuel ASAP.

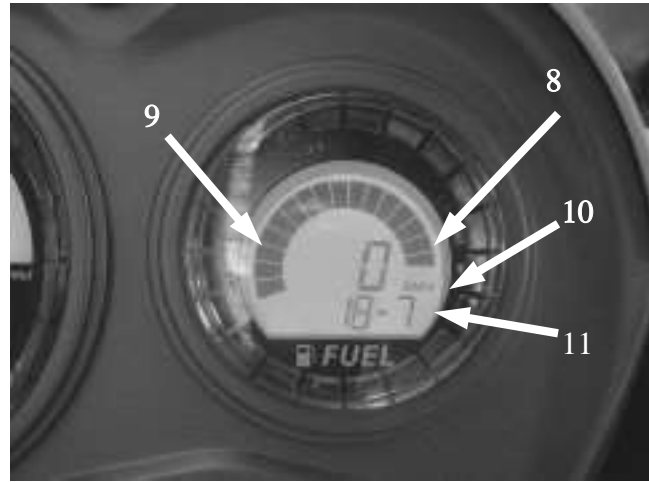
10. Speedometer

can switch from **km/h** to **mile/h**

11. Vehicle speed:

can change unit by(km/h) or (mile/h)

display mode: (ODO) or (TRIP)



B. Operating instruments:

function mode	key	display	SELECT	ADJUST	result
Vehicle speed	ON	km	Click		Mile
		mile	Click		Km
(ODO)/ (TRIP) switching	ON	ODO		Click	TRIP
		TRIP		Click	ODO
Reset (TRIP)	ON	TRIP		HOLD 3 sec.	Reset TRIP to 0
Reset oil change light	ON	ON	HOLD 3 sec.		light will blink
		Once light is blinking		HOLD 3 sec.	Light turns off

HANDLE-BAR CONTROLS

1. HI/LO BEAM SWITCH

HI-The high beam is on "≡D"

LO-The low beam is on "≡D"

Press the lower part to make a passing signal.

2. Turn Signal Switch

Move to ← to signal a left turn, → to signal a right turn.

Press to turn signal off.

3. Horn Button

When the horn button is pressed, the horn will sound.

4. ENGINE RUN/OFF Switch

Press lower part to stop the engine , and press upper part to run the engine.

5. STARTER BUTTON

The starter button is below the headlight switch .

When the starter button is pressed, the starter motor cranks the engine.



6. PARKING SWITCH

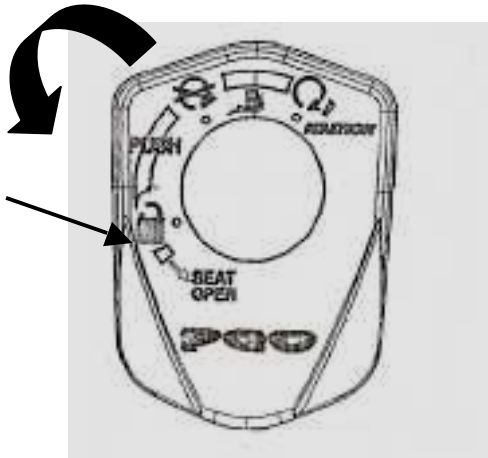
All signal lamps will twinkle to warn other people.




STEERING LOCK

To lock the steering, turn the handle all the way to left and turn the key from

"" to "" then remove the key.

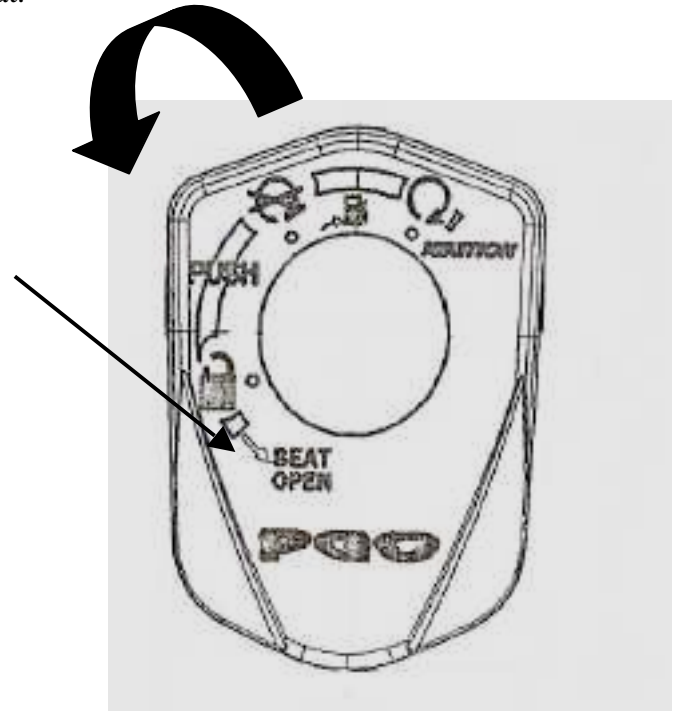


NOTE:

Do not turn the key to "", while riding.
The scooter loss of control will occur.

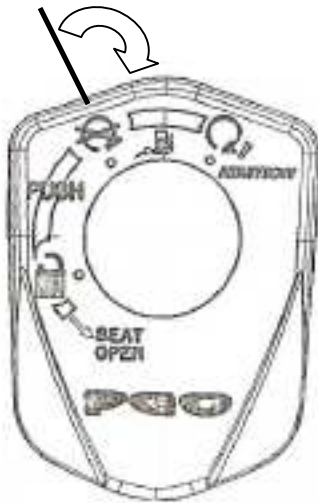
SEATLOCK

Push the key and turn counterclockwise to open the seat.



FUEL TANK CAP

- Insert the key into ignition switch, and keep in "A" position. Push the key and turn clockwise to open the fuel cap.
- Push the cap forward to lock it



LUGGAGE COMPARTMENT

The luggage cabinet is located under the seat.

Please put your helmet straight inside the luggage cabinet and keep the helmet's front toward the back direction of the motorcycle.

NOTE:

1. The max loading weight is 5 KGS.
2. If engine has been operating over a long time. The luggage compartment become hot. Do not put luggage in the temperature
3. Do not put important or fragile goods for security reason.
4. Raining or wash may cause luggage wet

inside.

Please use water-resistant material for luggage wrapping.

5. Please lock the cover when leaving the scooter.
6. Please properly close the seat prior to leaving the motorcycle.



PRE-RIDING INSPECTION

Please do the inspection as following before riding:

ITEM	PROCEDURE	PAGE
FRONT BRAKE	Check the brake function, clearance , brake oil level, see if it is leaking. If necessary, may refill FMVSS DOT4 brake fluid.	17 37
REAR BRAKE	Check the brake function and clearance, proper adjustment if necessary.	17 37
THROTTLE GRIP	Check if action is smooth, lubricate if necessary.	23
ENGINE OIL	Check the oil level daily / fill as required with JASO MB 15W40.	19
TIRE	Check tire pressure, inspect for tire wear.	22
CONTROLLER /GAUGE CABLE	Check if smooth operation. Add lubricant if necessary.	—
BRAKE LEVER (HANDLE)	Check if smooth operation. Add lubricant if necessary.	17
CENTRAL STAND	Check if smooth operation. Add lubricant if necessary.	—
ASSEMBLY /FITTING	Check all the assembling parts, fixing & adjusting if necessary.	—
FUEL TANK	Check the fuel level. Refill if necessary.	23
LAMP /SIGNAL LIGHTS	Check if it is operating good condition.	23

BRAKE

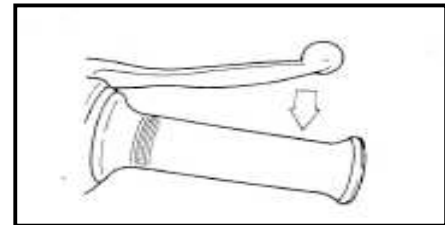
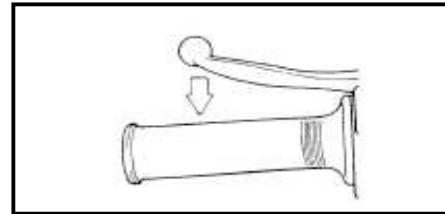
NOTE:

If the pre-riding inspection is not performed, severe personal injury or vehicle damage may result. Inspect your scooter, and perform any needed adjustments or repairs, Every day before you ride it. The items listed above will only take a few minutes to check and, in the long run, can save time, expense, and possible your life.

1.Front /Rear brake levers

Inspect the free play of levers. Make sure the function is well.

Please check the brake at low speed, adjust the free play if it is not correct.



CAUTION

If the brake lever feels soft when operating,
Which means the brake system has problem.
Do not ride the scooter before the problem is
ruled out.

BRAKE (Please refer to page37)

2.BRAKE FLUID (Disk Brake)

Check the fluid level. Refill it if necessary.
Fluid Spec. FMVSS DOT4

3.DISK BRAKE PAD

Please refer to page 37. Please go to the
GENUINE Dealer when this brake needed
repairing.

BRAKE FLUID LEAKAGE INSPECTION

Hold the brake level for few minutes to
check if there is any fluid leaks from the
hose connector or main cylinder.

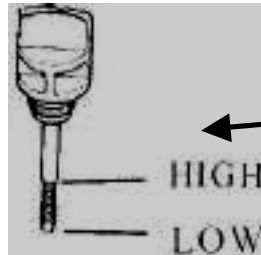


CAUTION

Go to the GENUINE dealer immediately when
find the brake fluid is leaking.
The leakage means the braking system has
deadly dangerous problem.

ENGINE OIL

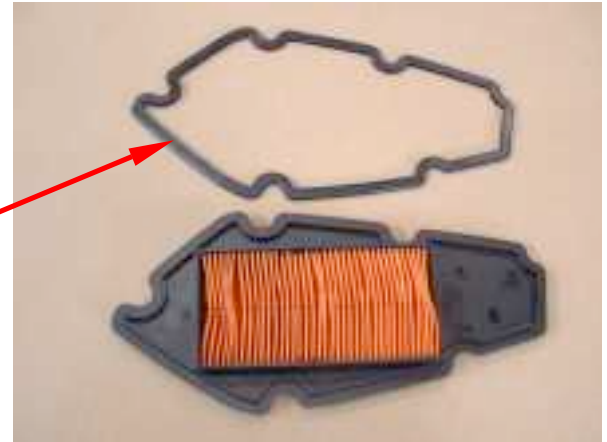
- Engine oil specification: **ONLY USE JASO MB 15W40 oil in your scooter.** JASO MB oils are specifically designed for scooters. Scooters operate at high rpm when you are travelling near maximum speed. JASO MB oils contain an increased level of friction reduction agents that protect your engine from wear in these operating conditions. Only use JASO MB oil in your scooter as other oils are designed for use in engines with wet clutch systems and these oils require more friction to prevent clutch slip. GENUINE MOTOR OIL is the recommended oil brand for your scooter.
- Engine oil must be checked daily. Replace oil per the maintenance schedule.
- Check engine oil on a flat surface. Warm up engine for 2-3 minutes prior to checking oil level.
- To check oil level, remove oil fill cap and examine the oil gauge. Please use guide below to determine if oil level is low. If necessary, add **JASO MB 15W40** oil to your scooter. Recheck level



AIR-CLEANER

The air filter will keep dust away from the engine and also protect it against wearing out. Please ask the dealer to check & clean the filter periodically, or by yourself.
(ref:page 35)

Wet paper filter element



Note:

Don't forget to install the element seal !

TIRE

To secure the best performance & extend life-span, please pay your attention to the following:

1.TIRE PRESSURE

Be sure that tire pressure in accordance with the standard pressure.

NOTE:

The inside temperature of tire must be even to outside or else pressure need to be adjusted. Besides the factor of loading, weight even cruising speed should take into consideration before adjusting.

The normal tire pressure:

Front: 30 psi

Rear: 30 psi



2.SIMPLE CHECK:

Check the tire appearance before riding. Please ask your dealer for repairing or replacing if the appearance has been detected significant worn out or stabbed by nails, or glass.

3.INSPECTION FOR THE DEPTH OF THE TIRE GROOVE:

The appearance will become slippery due to significant worn out dusty or wet road riding. Please replace the tire if the depth is less than 0.8mm, see the following picture for reference.



THROTTLE GRIP

- Turn the grip and check the clearance & operation situation.
- Make sure the grip will automatically return to the original position.

Ask your dealers for adjusting advice if necessary.

LAMPS & SIGNAL LIGHTS

Make sure the front lamp, rear lamp, brake lamp, turn signal lamp, tail lamp and all other indicator lights working well.



SWITCHES

Make sure the switch of head lamp, turn signal lamp, brake lamp, horn, start button, and over take lamp working well.

FUEL

Be sure sufficient fuel in tank.

Tank capacity: about 6.0 L

CAUTION:

1. Please fill the unleaded gas if your scooter is equipped with catalyter.
2. Do not fill up the gas over the neck of gas entrance, otherwise it will be spilling out due to the hot temperature.
3. It may cause inflammable if gas is split onto the engine or muffler.



EXHAUST SYSTEM


1. Make sure to park your scooter away from flammable material, pedestrians or children to avoid danger due to hot exhaust.
2. ONLY use unleaded fuel
3. Don't try to turn off the main switch when riding.
4. Don't try to ride, idle or park on the surface of flammable objects like paper or cardboard.

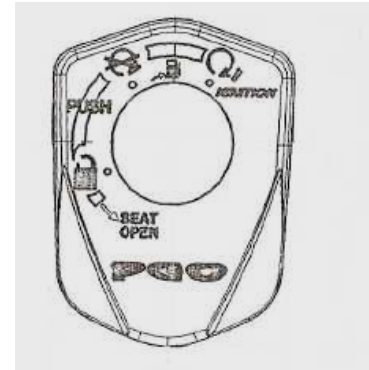


NOTATION FOR OPERATION & RIDING

1. Please make sure you are familiar with all the operation system & function before riding. Please contact with your dealers if there's any question.
2. Do not start the engine in a closed place due to potential gas, threat from poisonous exhaust amassed.
3. Please be noted the side stand must be withdrawn from the ground before riding, otherwise dangerous situation may occur due to your ignore.

STARTING ENGINE

1. Turn the main switch to "O"
2. When the throttle is totally loosed, hold the brake lever and push the start button, or use the kick starter to start the engine.



CAUTION:

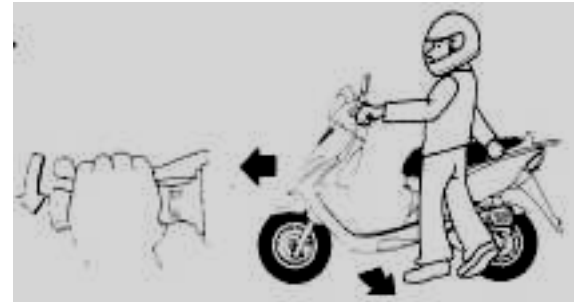
If the engine can't be started, you should loose the start button to avoid losing significant electric power. Please do not push the button over 5 seconds per each time. Try kick starter to start the engine if the start button is not working properly.

WARMING UP THE ENGINE

To protect the engine, please warm up the engine 1~3 minutes before riding. Do not immediately accelerate when the engine is cold.

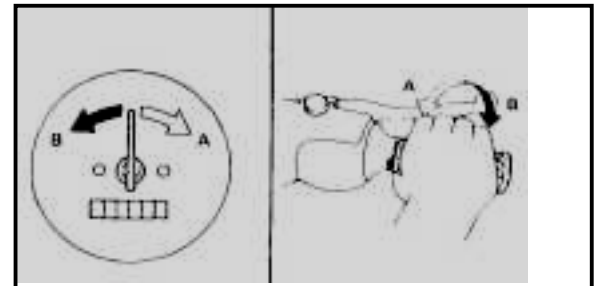
NOTE:

Please read the instruction “engine initial run-in” page28 before initial riding.



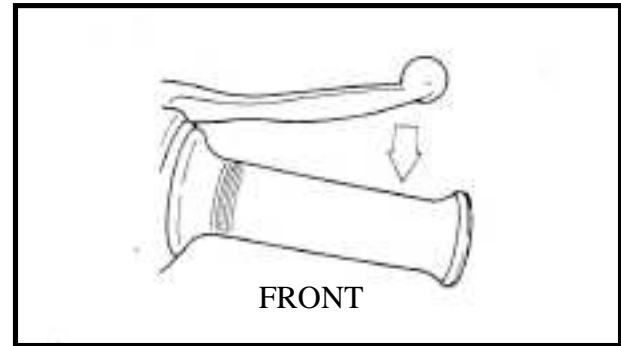
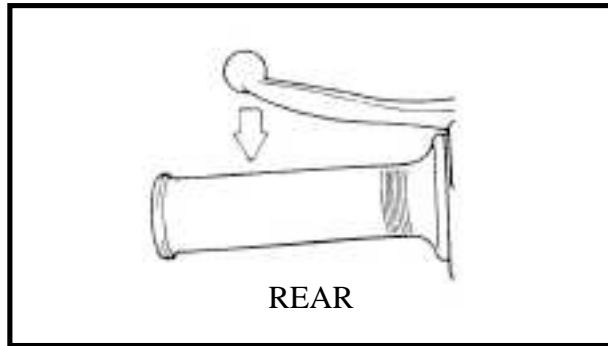
- Scooter riding (after warming up the engine):
 1. Hold the brake lever and push down the central stand.
 2. Adjust the angle of rear view mirrors within visible field.
 3. Try the function of signal light before riding.
 4. Turn the throttle grip gradually then close the signal light during riding.
- Accelerating (throttling):

Use the throttle grip control your cruise turning it to wards your side will speed up, and reversing it will slow down.



BRAKE OPERATION

1. Release the throttle grip.
2. Press front and rear brake levers gradually.



NOTE:

1. Sudden stop will cause sliding or falling down.
2. Use the braking carefully while you are turning, improper use of brake may cause sliding.
3. Slow down the speed when riding on the iron plate, railway track, wet road.
4. Braking on the wet road is difficult.
5. Slow down the speed when sloping down.

ENGINE INITIAL RUN-IN

0~620 mile riding is the critical period regarding scooter engine life span. The new engine can't afford too much loading during the first 620 miles. Every part of the engine will be run-in to obtain the correct clearance during this period. Be sure to avoid prolonged open throttle operation or any operation that causes high temperature in the engine. Please read careful and read the following information.

1. 0~95 miles Avoid over 1/2 throttle operation. Cool down the engine 5~10 min/ hour. Do not operate the vehicle at constant speed while riding.

2. 95~310 miles

Avoid over 1/2 throttling operation for long riding.

3. 310~620 miles

Avoid over 3/4 throttling operation.

NOTE:

Change gear & engine oil after 500 miles.

4. OVER 620 miles

Avoid full throttle operation for long periods.

NOTE:

Please contact your dealer if any problem takes place during above periods.

PARKING:

Turn off the engine and pull out the key when parking the scooter.



CORRECT



INCORRECT



INCORRECT


NOTE:


1. Please park your scooter away from the child & pedestrians if the muffler is hot. Do not park your scooter on a slop or soft ground to avoid falling down.
2. This scooter is **optionally** equipped with side stand safety switch, whenever you park it with side stand, then the engine can not be started for your safety.



PERIODIC MAINTENANCE AND ROUTINE REPAIR

To keep the vehicle in its safest and most efficient status, perform periodic maintenance, adjustment and lubrication. The driver is responsible for personal safety. The periodic maintenance schedule should be taken as a guideline for maintenance and lubrication. Additionally, other factors such as climate, geographic environment and purpose of driving the vehicle, should be considered in the maintenance schedule. In this section, key points in inspecting, adjusting and lubricating the vehicle are highlighted.

 Attention: If you are not familiar with inspecting the vehicle, you should bring the vehicle to your authorized Genuine dealer.

 Attention: This vehicle is designed to be ridden on pavement. If the vehicle is ridden in dirt, mud or other moist conditions, the air filter should be cleaned and/or replaced frequently or this can result in faster deterioration of the engine. Please contact your authorized Genuine dealer for your service cycle.

Note 1:

To make sure the engine is running smooth, replace the engine oil after the first 500 miles. Use only the specified engine oil. Contact your authorized Genuine dealer for changing of the engine oil.

Note 2:

Replacing Brake Fluid:

1. Replace the brake fluid during disassembly of the brake master cylinder or the brake caliper.
2. Replace the seals for the brake master cylinder and the brake caliper every two years.
3. Replace the brake fluid hose every four years, unless the hose is damaged, then replace immediately.

Note 3:

Checking the cooling system (engine oil)

1. Check the cooling tubes for leakage during the periodic maintenance.
2. Check the engine oil cooler for any trouble such as leakage.
3. Clean the engine oil cooler surface periodically removing any debris from the cooling fins, using a soft cloth to prevent damage to the oil cooler.

PERIODIC MAINTENANCE SCHEDULE

Item	Content	First 500 miles (1 Month)	Mileage or Months					
			1,875 mi (3 Months)	3,750 mi (6 Months)	5,625 mi (9 Months)	7,500 mi (12 Months)	9,375 mi (15 Months)	11,250 mi (18 Months)
Engine Oil*	Replace engine oil. Use JASO MB 15w40 engine oil	Replace	Replacement every 1,875 mi					
Oil Screen *	Cleaning; replacement (if necessary)	○	Clean every oil change (1875 miles) ; replace (if necessary)					
Oil Filter	Replace every oil change	Replace	Replacement every 1,875 mi					
Gear Oil*	Replace. Use 85w140 gear oil	○	○		○		○	
Front Brake; Rear Brake (Drum Brake)	Check brake linings for wear, function & leakage of brake fluid. Clean or repair as necessary. Adjust rear brake free-play.		○	○	○	○	○	○
Cooling System (Engine Oil)	Check the oil cooler and hoses for leakage or wear. Replace as necessary.	Check every 3,750 miles						
Transmission Variator / Clutch	Check variator rollers, sliders, etc for wear. Replace as needed. De-glaze clutch pads, replace if necessary	○	○	○	○	○		○
V Belt *	Check function of clutch, rollers, sliders; clean if necessary.		○	○	Replace	○	○	Replace
Tire *	Check balance, damage and circular degree; replace the tire, if necessary.		○	○		○	○	○
Wheel / Bearing *	Check wheel assembly for function, wobble, bolt torque, etc..		○	○	○	○	○	○
Suspension	Check functions and leakage.	○	○	○	○	○	○	○
Steering Bearing *	Adjust tightness, if necessary.			○		○		○
Main (Side) Stand *	Check function; replace the side stand, if necessary.	○	○	○	○	○	○	○
Tightness *	Check tightness of all components; adjust any component, as necessary.	○	○	○	○	○	○	○
Battery *	Check the battery voltage. Voltage should be greater than 12 V. Charge the battery, if necessary; clean terminals.		○	○	○	○	○	○

○ : Service Mileage

*: Service available at an authorized Genuine dealer only.

Note: To maintain vehicle performance, a vehicle driven in any overly harsh environment such as dust or dirt roads must be maintained using a shorter maintenance cycle than shown above..

PERIODIC MAINTENANCE SCHEDULE FOR EMISSION CONTROL

Item	Content	First 500 miles (1 Month)	Mileage or Months					
			1,875 mi (3 Months)	3,750 mi (6 Months)	5,625 mi (9 Months)	7,500 mi (12 Months)	9,375 mi (15 Months)	11,250 mi (18 Months)
Valve Clearance*	Check and adjust the valve clearance with the engine cooled down.	○		○		○		○
Spark Plug	Check function; adjust the spark plug gap and clean electrode. Replace spark plug, if necessary.		○	○	○	○	○	○
Positive Crankcase Ventilation Device*	Check the hose for cracks or blockage. Replace the hose, if necessary.			○		○		○
Fuel System*	Check the hose for cracks or blockage. Replace the hose, if necessary.			○		○		
Air Filter*	Clean; replace as necessary. Replace min every 3750 mi		○	Replace	○	Replace	○	Replace
Evaporative Emission Control System*	Check the control system for damage. Replace the control system, if necessary.			○		○		
Exhaust System*	Check for leakage. Tighten any loose mounts or replace the exhaust gasket if necessary.			○		○		
ISC Valve*	Check ISC function. Idle speed 1700±100 when warm	○	○	○	○	○	○	○
EMS*	Check all sensor functions.	○	○	○	○	○	○	○
Throttle Valve*	Check and clean the throttle every 3750 miles			Clean		Clean		Clean

NON-PERIODIC MAINTENANCE SCHEDULE FOR EXHAUST CONTROL

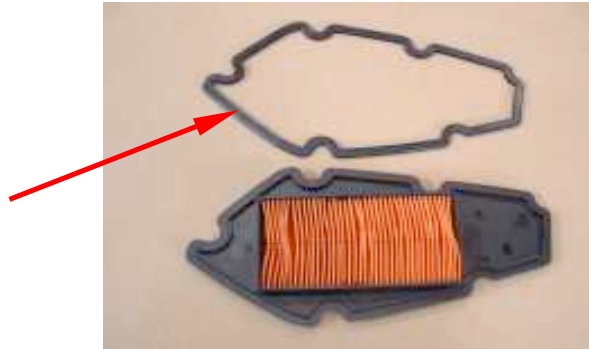
Item	Content
Removal of carbon deposits in the engine.	It is necessary to maintain or check the ignition system in the event of ignition failure, engine fire, overheating, etc. constantly occurring. Remove carbon deposits on the cylinder head, the piston head, and the exhaust system in the event of the engine's power has significantly dropped after travelling every 3,750 to 5,625 miles.

○ : Service Mileage

*: Service available at an authorized Genuine dealer only.

Note: To maintain vehicle performance, a vehicle driven in any overly harsh environment such as dust or dirt roads must be maintained using a shorter maintenance cycle than shown above.

THE AIR-CLEANER



If there is too much accumulation of dust inside the air cleaner, it will reduce the output of engine performance and cause abnormal consumption of fuel.

Procedures of changing the air element:

1. Take off the cover of filter.
2. Draw the core of filter.
3. Clean and dry by air compressor, or replace it if necessary.
4. Put the cover back carefully to make sure fitted to the cover without leakage.

NOTE : Please do not start the engine before the air-cleaner is assembled, otherwise the piston/main case will be badly worn out.

THE SPARK PLUG

Spark plug is one of the important parts of the engine and it is easy to be checked. According to spark plug condition, you may infer the situation of the engine. The ideal color of the electrode should be light brown. If there's any problem, please ask your dealers to check will be corroded & worn out due to the hotness and dirt for the time being. If happened, please change a new spark plug.

- Standard spark plug: recommend you to use the same or equivalent specification as original PGO manufactured. (refer to Specification Chapter)
- Spark plug gap : 0.6~0.7mm for general model
- Torque: 1.2kgf-m

When checking the spark plug, please cleaning the surface of the washer and screw, the fasten it.

NOTE:

If there is no wrench or torque gauge can be used, please wrenching it by your fingers turn 1/4~1/2 and later use the wrench to fix it to the standard torque once available.

EXCHANGE OF GEAR OIL

- Change gear oil per the routine maintenance schedule periodically check oil level and add if necessary
 - Oil specification: SAE 85W140



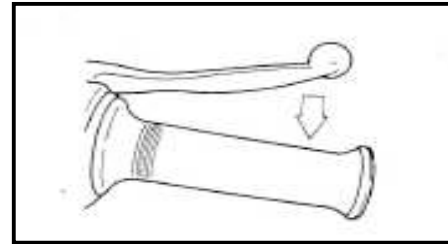
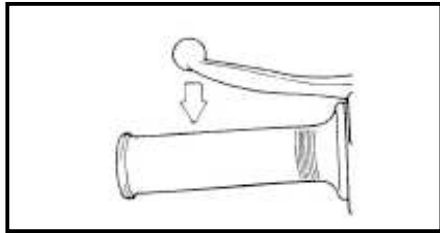
BRAKE ADJUSTMENT

The clearance of lever

(a) Front brake: 10~20 mm

(b) Rear brake: 10~20 mm

Adjust the nut if necessary.



NOTE:

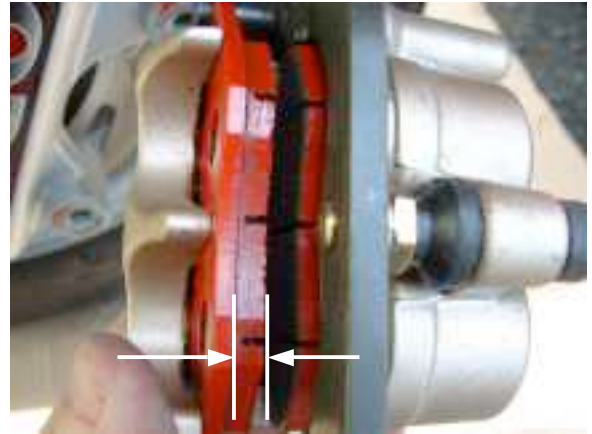
An incorrect free play implies risks in the brake system. Do not drive a motorcycle with the free play incorrect and contact a GENUINE dealer for reparation immediately.

BRAKE PAD CHECK

Please acting the brake for checking. If the pads almost reach the bottom, please ask your dealers to change it by:

1. visual check if the pad worn out to the bottom of the groove or not.
2. measure the pad thickness, if it is less than 2mm.

NOTE: If the brake area is wet(getting water), the brake will be out of order and dangerous to you.



BRAKE FLUID CHECK

Insufficient brake fluid will make the air into the brake system and may cause the brake out of control. Please check the brake fluid level all the time and refill it if necessary.

1. When checking the oil level, please turn the handle bar assuring the brake oil on the horizontal position.
2. Use correct brake oil, otherwise the oil seal will be defected. This will cause the oil leaking & losing the brake function. Standard brake oil: FMVSS DOT4 or SAE J1703.
1. Refill same kind of brake oil. Mixing with different oils will yield a bad reaction and cause the brake out of order.
4. To avoid the water getting into the main cylinder, otherwise the boiling temperature of the brake oil

will be declining make the air be obstructed.

5.Brake oil could reode the painting surface and plastic parts. If any oil were spilled out, please clean it immediately.

6.If the brake oil can't be refilled to the standard level, please check with your dealers.

FRONT FORK CHECK

NOTE:

In order to avoid falling down, please park you scooter firmly will be safe.

1.Eyes checking:

If any scratched, broken or leaking inside the pipe by vision.

2.Function check:

Park the scooter on flat place.

(A) Hold the handle and keep the scooter in vertical position, and then hold the front brake lever.

(B) Move up & down the front fork for several times.

NOTE:

If found the front fork is not smooth or broke, please contact your dealers.



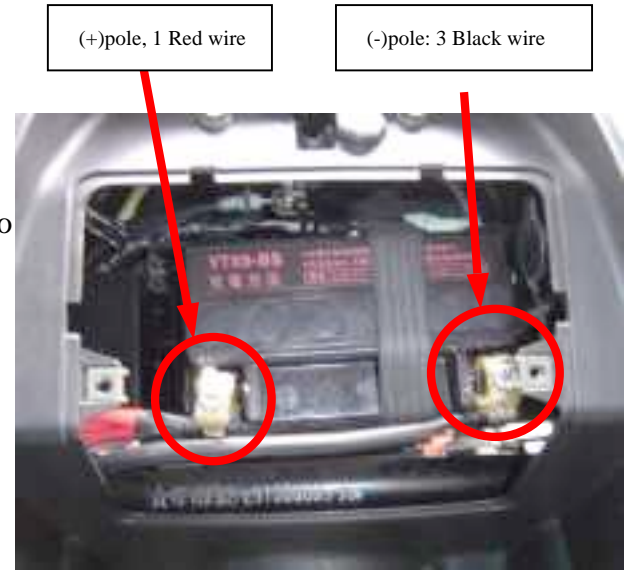
2.FUNCTION CHECK

BATTERY

1. The battery is in Maintenance-Free type (MF), so it won't be necessary to check or refill the liquid. If the liquid is leaking, please contact with your dealers A.S.A.P.
2. Battery wire connection:
 - Red wire connect to “ + (positive)pole “, Black wire connect to “ – (negative) “ pole.
 - Negative: there are 3 black wires shall all connected to battery, otherwise you can't start the engine. Refer to the figure:

NOTE:

Please do not try to take off the sealed rubber even when charging the battery , that will damage your battery.

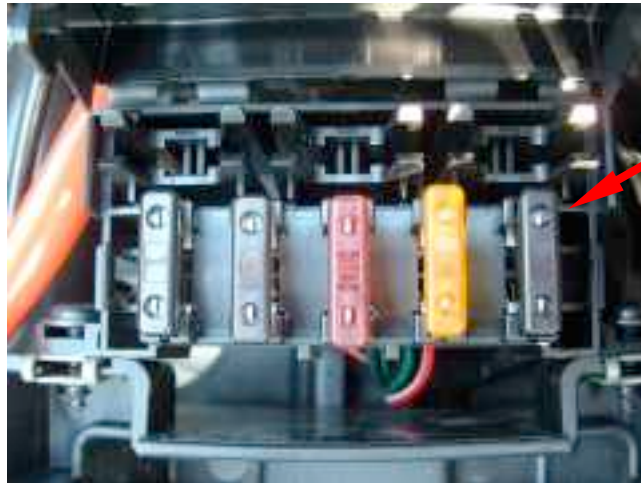


FUSE REPLACEMENT

1. The fuse is located beside the battery.
2. Open the battery cover.
3. If the fuse is burned out, turn off the main switch and related switches, replace a correct fuse, then turn on and check the circuit function, please contact with your dealers if the problem remains.

NOTE:

Do not use a higher ampere fuse than the standard one. A different (abnormal) fuse will damage circuit system and may cause fire.



REFERENCE DATA

TYPE	Hooligan
DRY WEIGHT	~126KG
ENGINE	
type	4 stroke
cooling	forced air cooling
cylinder array	single
displacement	168.9 c.c
start system	electric only
lubrication system	separated pump
lubricant	JASO MB 15W40
capacity	1.0 L
replace	0.8L
spark plug(NGK)	C7RHSA(NGK)
clutch type	DRY TYPE
gear shift type	AUTOMATIC (V BELT)
GEAR OIL	
model	SAE 85W140
replace	90cc
capacity	110cc

REFERENCE DATA

TYPE	Hooligan
Valve Q'ty IN EX	1 1
AIR CLEANER	PAPER
FUEL: gasoline Tank capacity	UNLEADED ~6.0L
TIRE size (front) (rear)	120/70-12 130/70-12
ELECTRIC ignition generator	EMS Transistor
BATTERY TYPE capacity	YTX9-BS
<u>BULBS</u> head lamp (HI /LO) rear lamp/ stop lamp signal lamp(FRT) signal lamp(REAR)	12V 55/35 W * 1 13.5V-0.41W 13.5V-1.89W 13.5V-1.58W 13.5V-1.45W

Periodic Maintenance Record

Plan mile	Actual mile	Date	Dealer Sign.	Plan mile	Actual mile	Date	Dealer Sign.
200				25,200			
1,800				27,000			
3,600				28,800			
5,400				30,600			
7,200				32,400			
9,000				34,200			
10,800				36,000			
12,600				37,800			
14,400				39,600			
16,200				41,400			
18,000				43,200			
19,800				45,000			
21,600				46,800			
23,400				48,600			

- Please decrease maintenance period when often driving in dusty areas.
- Copy the blank table to use when odometers is over the above table planned.

Warranty Information

Your vehicle is covered by a Manufacturer's Limited Warranty and an EPA Emissions Related Components Warranty. If you purchased your vehicle in the state of California, you are also covered by a California Emission Control System Warranty. Detailed warranty information can be found in your warranty booklet provided separately from this manual.

Reporting Safety Defects

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Genuine Scooter Company.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign.

However, NHTSA cannot become involved in individual problems between you, your dealer, or Genuine Scooter Company.

To contact NHTSA, you may either call the Vehicle Safety Hotline toll-free at 1-888-327-4236 / Hearing Impaired (TTY): 1-800-424-9153; go to <http://www.safercar.gov>; download the SaferCar mobile application; or write to Administrator, NHTSA, 1200 New Jersey Avenue, SE, Washington, DC 20590. You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>

This owner's manual should remain in your vehicle at all times for reference. This manual should be considered a permanent part of your vehicle. The information contained within this manual is the latest available at the time of publication. Genuine reserves the right to make changes to products and publications at any time without notice. There may be information in this manual that differs slightly from your vehicle as improvements and changes occur regularly.