

125CC RTX SCOOTER

OPERATION INSTRUCTION

WARNING:

NEVER REMOVE CAP STRIP ONCE BATTERY IS ASSEMBLED. NEVER ADD WATER OR ELECTROLYTE.

WARNING:

Operating this scooter with improper tires, or improper tire air pressure could be hazardous.

If you use improper tires or improper tire air pressure, you may lose control of the scooter.

Always use the size and type tires specified. Always maintain proper tire air pressure as described in this section.

WARNING:

Using worn tires could be hazardous.

The traction of the vehicle will be decreased. This increases your risk of having an accident.

Replace the front and rear tires when the depth on the tread is 1/16" or less.

WARNING:

Draining fuel from the carburetor could be hazardous.

Fuel could catch fire if you do not handle it properly.

When draining fuel from the carburetor, be sure to shut the engine off. Do not smoke, and never drain or refuel in an area where there are open flames or sparks. Do not spill fuel, or you may create a fire hazard. Dispose of the drained fuel properly. Keep pets and children away from the fuel.

CAUTION:

Failing to secure the Scooter properly could be hazardous.

Failing to secure the vehicle properly may result in an accident or damage to the vehicle.

When transporting the Scooter, tie down the vehicle securely with straps, tie-downs, or other suitable means.

WARNING:

Performing the spark test improperly could be hazardous.

You could get a high voltage electrical shock if you are not familiar with this procedure.

Do not perform this check if you are not familiar with the procedure. Do not point the spark plug near the spark plug hole during this test. Do not do this test if you have a heart condition or wear a pacemaker.

Do not perform this test near any open fuel containers or near fuel which has spilled on the ground, on the engine, or any part of the Scooter.

Congratulation on your purchase of your vehicle.

Warranty does not cover normal

wear items or damage caused by neglect or misuse of the product.

Warranty is void if:

Frame is bent or broken due to abuse.

Wheels are bent or broken

Fender bent or broken due to abuse

Any sign of impact, accident, jumping, spin-outs or roll over.

The manufacturer and seller is not liable for any damage claim or liability claim person or otherwise resulting from the operation of this product in any way.

WARNING:

This manual should be considered a permanent part of the vehicle and should remain with the vehicle when resold or otherwise transferred to a new user or operator. The manual contains important safety information and instructions which should be read carefully before operating the vehicle. All operators should obtain, review, and follow provincial and municipal government acts and regulation pertaining to owning and operating an off-road vehicle. Children under the age of 16 should never operate this vehicle.

WARNING:

It is the operators responsibility to know and obey all applicable local, state and federal laws at all times while operating this vehicle including but not limited to traffic safety, vehicle registration, emissions, and noise.

STOPPING THE VEHICLE:

WARNING: WET, OIL, OR SANDY ROADS REDUCE BRAKING EFFECTIVENESS. HARD BRAKING ON THESE SURFACES COULD LEAD TO LOSS OF CONTROL AND A SERIOUS ACCIDENT. ALWAYS REDUCE SPEED AS GRADUALLY AS POSSIBLE.

WARNING: USE EXTREME CAUTION WHEN ENGAGING THE FRONT BRAKE TO AVOID LOCKING THE FRONT WHEEL. LOCKING THE FRONT WHEEL CAN CAUSE A SERIOUS ACCIDENT.

WARNING: GASOLINE IS FLAMMABLE AND EXPLOSIVE .USE EXTREME CAUTION WHEN FUELING YOUR SCOOTER ONLY FILL THE TANK IN WELL-VENTILATED AREAS. SHUT OFF THE ENGINE AND PLACE THE SCOOTER ON ITS CENTER STAND TO ENSURE PROPER FILLING WHILE ELIMINATING THE RISK OF STATIC IGNITION CAUSED BY IMPROPER GROUNDING .NEVER SMOKE NEAR GASOLINE NEVER OVERFILL THE GAS TANK. ALWAYS MAKE SURE THE FUEL CAP IS SECURELY FASTENED AFTER EACH FUELING.!

WARNING: DO NOT SPLASH OR SPILL GASOLINE WHILE FUELING .IF A SPILL OCCURS, IMMEDIATELY WIPE OFF ALL SURFACES PRIOR TO STARTING THE ENGINE. AVOID SKIN CONTACT WITH GASOLINE AND DO NOT BREATHE GASOLINE FUMES.KEEP GASOLING AWAY FROM FLAMES OR ELECTRIC SPARKS.

WARNING:

The following products is very dangerous and should be performed with the utmost care and attention .

Wear protective eyewear ,rubber gloves ,and have water available should electrolyte come in contact with skin or eyes.

KEEP ALL CHILDREN AWAY FROM THE AREA WHILE THIS PROCEDURE IS BEING PERFORMED.

POISON-CAUSES SEVERE BURNS

Contains sulfuric acid.

Avoid contact with skin, eyes, or clothing

To prevent accidents, rinse empty container with water.

ANTIDOTE:

External-flush with water

Internal-call physician immediately. Drink large quantities of water or milk.

Follow with milk of magnesia, beaten eggs or vegetable.

Eyes-flush with water for 15 minutes and get prompt medical attention.

KEEP OUT OF REACH OF CHILDREN

WARNING:

Improper adjustment of the idle speed could be hazardous.

An idle speed that is too high could cause the scooter to launch forward when you start the engine .This may cause an accident. Excessive engine wear may also result if idle speed is adjusted improperly or when the engine is not fully warmed up. Adjust the idle to the correct speed. Make sure the engine is fully warm before adjusting the engine idle speed.

WARNING:

ALWAYS PERFORM THE ENTIRE PRE - RIDECHECKLIST BEFORE USING THE VEHICLE AS THIS CAN HELP YOU SPOT PROBLEMS THAT COULD INTERFERE WITH SAFE VEHICLE OPERATION. FAILURE TO FOLLOW THIS ENTIRE CHECKLIST BEFORE EVERY RIDE CAN CAUSE DEATH, SERIOUS INJURY, AND/OR PROPERTY DAMAGE TO YOURSELF AND/OR OTHERS

WARNING:

READ AND UNDERSTAND OWNERS MANUAL BEFORE OPERATING THIS SCOOTER.ALWAYS WEAR A HELMET, EYE PROTECTION AND PROTECTIVE CLOTHING.

WARNING:

ALWAYS RETRACT THE SIDE STAND PRIOR TO STARTING THE VEHICLE

WARNING:

FOLLOW ALL OF THE WARNINGS IN THIS MANUAL AT ALL TIMES WHILE OPERATING THE SCOOTER. IT IS YOUR RESPONSIBILITY TO KNOW AND OBEY ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS.

WARNING:

NEVER OVERLOAD THE VEHICLE .THE MAXIMUM CARRYING CAPACITY IS 331 POUNDS.

WARNING:

ALWAYS WEAR A DOT-APPROVED HELMET, EYE PROTECTION, AND PROTECTIVE APPAREL WHEN RIDING YOUR VEHICLE.

WARNING:

NEVER DRIVE THE SCOOTER WITH THE SIDE STAND EXTENDED.

TABLE OF CONTENTS

SAFETY INFORMATION

Important safety information.....1-2

DESCRIPTION3-4

INSTRUMENT CONTROL

Ignition.....5

Handlebar switches.....6

Fuel tank cap.....7

Option of the fuel and lubrication8

Front/rear brake lever.....9

PRE -OPERATION CHECKS

Pre -operation checks.....10

Brake.....11

Throttle oil.....12

Engine oil.....12

Tire.....13-14

Fitting.....15

Light switches.....15

Fuel.....16

OPERATION

Correct operation.....17-18

Starting off.....18

Acceleration.....19

Break-in period.....19

Motorcycle driving.....20-21

PERIODIC MAINTENANCE AND REPAIR

Periodic maintenance.....22

Maintenance and repair.....23

Engine oil.....24-25

Cleaning air filter.....26

Spark plug inspection.....27

Brake lever adjustment.....28

Cable inspection.....29

Center stand lubrication.....30

Front fork inspection.....30

Steering inspection.....31

Fuse replacement.....31

Battery.....32

Electric circuit diagram.....33

Major technical parameters.....34

SAFETY INFORMATION

Important Safety Information

Understand the challenges that you will face when operating a scooter will greatly improve your safety on the roads. There are many things that you can do to protect yourself when riding. You will find many helpful recommendations throughout this manual. Following are few that we consider most important.

Always Wear Protective Gears

It is a proven fact: helmets significantly reduce the number and severity of head injuries. Always wear helmets, eye protection sturdy boots, gloves, and other protective gears when riding.

Make Yourself Visible

Some drivers do not see scooters because they do not look for them. To make yourself more visible:

- Wear bright reflective clothing while riding.
- Position yourself in the traffic lane so other drivers can see you.
- Signal before turning or changing lanes.
- Use your horn to alert others on the road.
- Always use headlights while riding, even during daytime.

SAFETY INFORMATION

Ride Within Your Limit

Pushing the limits is a common cause of scooter accidents. Never ride beyond your personal abilities or faster than conditions warrant. Remember alcohol, drugs, fatigue and inattention can significantly reduce your ability to make good judgments and ride safely.

Keep Your Scooter In Safe Condition

For safe riding it is important to inspect your scooter before every ride, and perform recommended maintenance in a timely manner.

Loading Limit Guidelines

Your scooter has been designed to carry you and one passenger. When you carry a passenger, you may notice some changes in acceleration and braking. However, as long as you keep your scooter well maintained, with good brakes, you can safely carry loads within manufacturer's recommended weight limit. Exceeding the weight limit or carrying an unbalanced load can seriously affect your scooter's handling, and stability. Improper modifications and poor maintenance can also reduce your safety.

DESCRIPTION

Speedometer

Riding speed is indicated by km/h and mph.

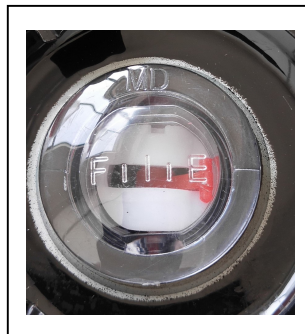


Odometer

The total riding distance is indicated in miles.
The white figures in black background indicate
Total miles traveled.

Fuel Gauge

Fuel gauge indicates the remaining fuel in the fuel tank (传感器安装在油箱上, 打开座垫). The gauge needle moves from “F” (full) to “E” (empty) as the fuel decreases in the fuel tank. Fill the tank with 87octane or higher gasoline when the needle is approaching the “E” position. There is no reserve tank.



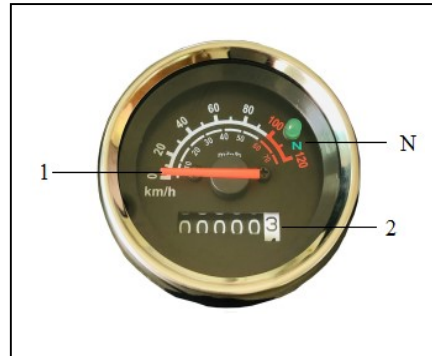
DESCRIPTION

“N” The engine in neutral gear indication.

NOTE:

***Apply low beam to avoid obstructing the view of oncoming drivers and drivers ahead.**



1. Speedometer
2. Odometer





INSTRUMENT CONTROL

IGNITION SWITCH

Ignition switch resettled on the connecting plate.

ignition switch key has two position “” and “”

“” off: when the key is “off”, circuit is off, engine cannot start the key can take out.

“” on: when the key is “on”, circuit is on, engine can start, the key cannot take out.



LOCK OF THE HEAD OF THE MOTORCYCLE

If need lock the head of the vehicle make handlebar turn left to the limitation patch of the lock core of the vehicle head and stand of the frame body overlapped insert the key into lock core according to counterclockwise rotating the key, make sure the head of the vehicle locked, and then take out the key.

If need let the lock loose, according to the opposite sequence going on the above procedures.

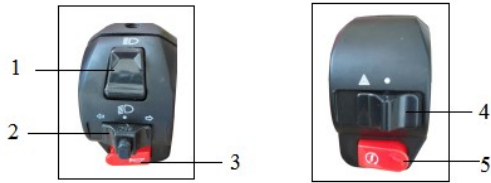


NOTE:



- * Do not leave the main switch in “ON” position for an extended period of time when the engine is stopped. The battery may drain itself.
- *Lock the steering and remove the key after parking to avoid theft

INSTRUMENT CONTROL




Handlebar switches



1.SWITCH OF THE CHANGING ILLUMINATION

- “” position: switch of the changing illumination is the position ,far-light of the headlight comp is on
- “” position: switch of the changing illumination is the position near-light of the heading comp is on.

2.SWITCH OF THE SHEERING FLARE

- “”position: when turn left move the switch to the Position left sheering flare is shine
- “”position: when turn right move the switch to the position right sheering flare is shine
- “” position: after normal driving or turning, keep the position of the switch left and right are off.

INSTRUMENT CONTROL



3.HORN SWITCH

Press the switch “” horn blaring.

4.警示灯按钮

5.Starter Switch

Apply this when using electric start

Fuel tank cap

打开座垫，拧下油箱盖，这样可以补充燃料了。



INSTRUMENT CONTROL

OPTION OF THE FUEL AND LUBRICATION

OPTION OF THE FUEL

Quality of the fuel is the important factor influencing on the lever of the emission, option of the fuel must according to the rules of this handbook

Fuel should use unleaded gasoline Octane 87(R+M)/2 or more.

If don't properly select fuel, which will make the engine explode and shock and have difficulty in starting so that influence on the using life of the engine, power and oil-consumption

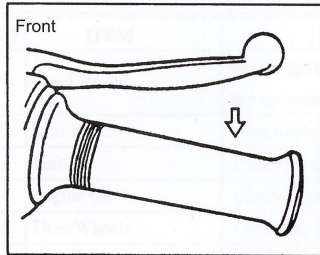
WARNING

- No overfill the fuel, otherwise, fuel will overflow and erode the surface of the paint and plastic parts, at the same time may give rise to fire destruction. After filling in fuel, must cover the cover of the fuel.
- Gasoline is flammable, under the certain circumstance which easily give rise to burn and explode when opening the cover of the fuel tank, check engine whether stalls, injecting fuel in the ventilated place, when injecting fuel. No smoking, no closing the flammable materials.
- When injecting fuel should add the gauze to distil and can specially distil before injecting.

INSTRUMENT CONTROL

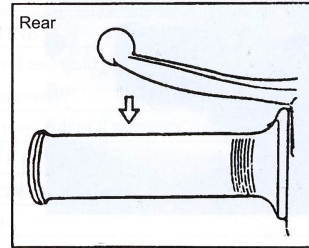
Front Brake Lever

The front brake lever is located on the right handlebar.
Pull the lever to apply front brake.



Rear Brake Lever

The rear brake lever is located in left handlebar.
Pull the lever to apply rear brake.



PRE - OPERATION CHECKS

Pre -operation Checks

Pre - operation checks should be made each time the scooter is used. Such an inspection can be accomplished in a very short time.

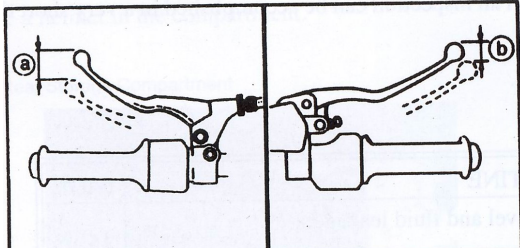
The added safety it insures is more than worth the time involved.

Before using this scooter, check the following points:

NO	ITEM	ROUTINE	
1	Front Brake	Check operation, condition and free play. Adjust if necessary.	
2	Rear Brake	Check operation, condition and free play. Adjust if necessary.	
3	Throttle	Check for smooth operation. Adjust if necessary.	
4	Engine Oil	Check engine oil level, add oil if necessary.	
5	Tires/Wheels	Check tire pressure, wear and damage.	
6	Fittings/Fasteners	Check all chassis fittings and fasteners. Tighten/adjust if necessary.	
7	Lights/Signals/Switches	Check operation.	
8	Fuel	Check fuel oil level, add oil if necessary.	

PRE-OPERATION CHECKS

Brakes



- a. Free play 10 - 20mm b. Free play 2 - 5mm

Brake Levers

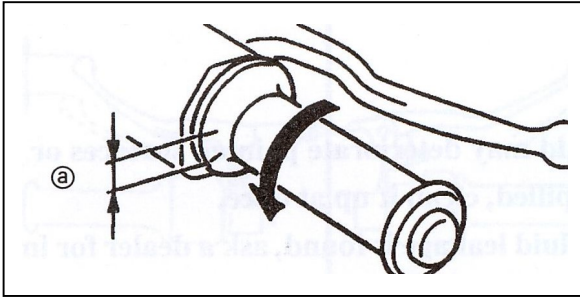
Check for correct free play in the brake levers and correct them if necessary. Make sure the brakes are working properly by checking at low speed shortly after starting out.

NOTE:

A soft, spongy feel in the brake lever indicates a failure in the brake system. Do not operate the scooter until the failure in the brake system has been corrected. Ask a dealer for immediate repairs.

PRE-OPERATION CHECKS

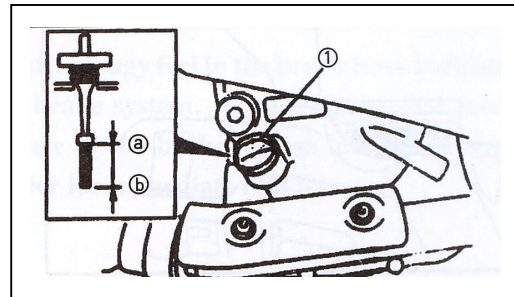
Throttle Grip



a. Free play 3-5mm

Turn the throttle grip and check the free play to see if it operates properly. Make sure the grip returns to the original position by spring force when released. Ask your local dealer to make any necessary adjustments.

Engine Oil



1. Dipstick a. Maximum level b. Minimum level

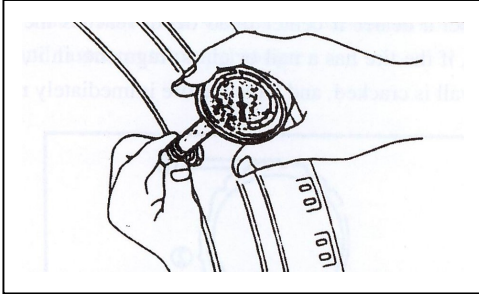
Make sure the engine oil is at the specified level.
Fill with oil if necessary.

Recommended Engine Oil:

Four stroke engine oil SAE 15W-40

PRE-OPERATION CHECKS

Tires



NOTE:

***Tire pressure should be checked and adjusted when tire Temperature equals the ambient air temperature. Tire Pressure must be adjusted according to the total weight of cargo, rider, passenger, accessories, and vehicle speed. Refer to tire walls for proper inflation pressure.**

Standard Pressure:

Front: 225 kPa

Rear: 225 kPa

To ensure maximum performance, longer durability, and safe operation, always check and adjust the tire pressure before operating your scooter.

PRE-OPERATION CHECKS

Make sure the total weight of the cargo, rider, passenger, and accessories do not exceed the maximum scooter.

loading limit of your scooter. Operating overloaded scooter could cause tire rupture, an accidents, and the injuries.

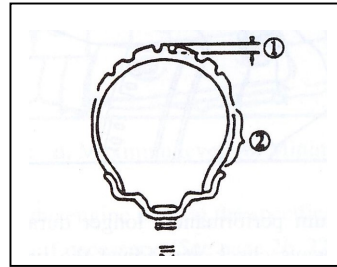
NOTE:

PROPER loading affects several characteristics of your scooter, such as handling, braking , acceleration, and safety. Do not carry loosely packed items that can shift during travel. Securely pack your heaviest items close to the center of your scooter and distribute the weight evenly from side to side. Properly adjust the suspension to your load, and check the condition and pressure of your tires

Tire Inspection

Always check the tires before operating your

Contact a dealer if center tread depth reaches the limit as show, if the tire has a nail or glass fragments in it, or of sidewall is cracked, and have the tire immediately replaced.



1.Tread depth

2.Side wall Minimum Tire Tread Depth:

Front: 1.5mm Rear: 2.0mm

PRE-OPERATION CHECKS

Fittings and Fasteners

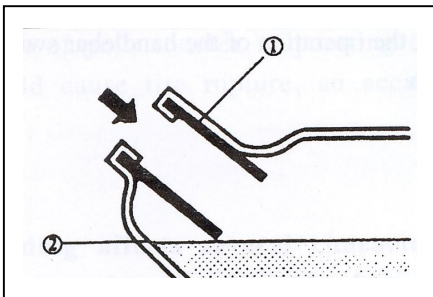
Always check the tightness of chassis and fasteners before a ride. Take your scooter to a dealer to correct all fittings and fasteners to proper torque.

Lights, Signals, and Switches

Check all the lights. Make sure they are in working condition. Check the operation of the handlebar switches and the main switch.

PRE-OPERATION CHECKS

Fuel



1. Filler tube
2. Fuel level

Recommended Fuel:

87 octane or higher unleaded gasoline

Fuel Tank Capacity:

Total 4.0 Liter (Just for your reference) .

NOTE:

***Do not fill the fuel tank above the bottom of the filler tube as shown in the illustration. Fuel tank may overflow when the fuel heats up and expands.**

***Always wipe off spilled fuel immediately with a dry and clean soft cloth. Fuel may deteriorate painted surfaces or plastic parts.**

OPERATION


Start the Engine

*Park before starting.

wait

*Return the side stand to its original position

*Check if there is sufficient fuel and engine oil.

1. Turn the main switch to “”.



1. Completely release the throttle grip, apply rear brake lever.
2. Push the starter switch. DO not touch the starter switch Again once the engine has started.

NOTE:

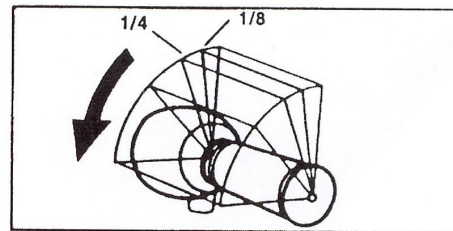
*If the engine fails to start, release the start switch,

a few seconds, then try again. Each attempt should not be over 4 seconds to preserve the battery. If the engine

has not started after 4-5 attempts, turn the throttle grip

1/8-1/4turn,then push the starter switch again.

*For an engine which can not be cranked by electric start, or a vehicle which has not been used for a long time, turn on the main switch and throttle grip and apply kick starter to crank the engine.



OPERATION

3. For a cold vehicle, preheat the engine for 1-3 minutes before riding

NOTE:

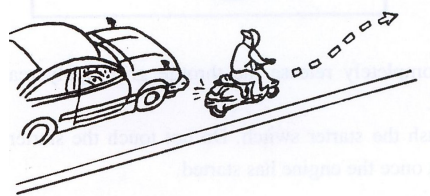
***For maximum engine life, never accelerate hard with a cold engine.**

Always return the kick starter to the original position after starting.

***The exhaust fumes are poisonous and can cause consciousness and even death within a short time. You must operate your scooter in an area with adequate ventilation.**

Starting Off

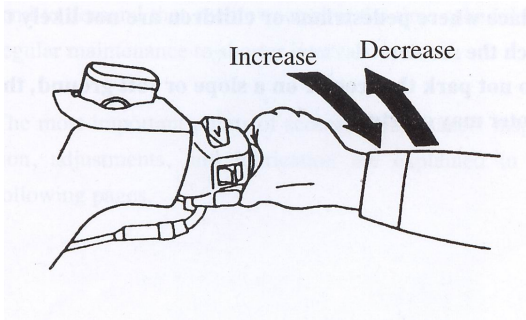
1. Apply the rear brake lever with your left hand and hold the rear grip with your right hand. Push the scooter off the main stand.
2. Sit astride the seat, with left foot touching the ground to Avoid inclination
3. Release the rear brake lever.
4. Check for oncoming traffic and use your turn signal.
5. Turn the throttle grip slowly and you are off. Remember to off the signal after use.



OPERATION

Acceleration

The speed can be adjusted by opening and closing the throttle grip. Turning it toward you increases the speed, while turning it away from you decrease the speed.



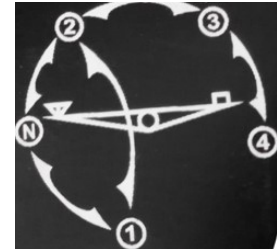
Engine break-in period

There is never a more important period in the life of your scooter than the period between zero and 1000 miles. For this reason we ask that you carefully read the following material. You should not place an excessive load on the engine for the first 1000 miles. The various parts in a new engine wear and polish themselves to the correct operating clearances during this period. Prolonged full throttle operating or any condition that might result in excessive heating of the engine should be avoided.

OPERATION

MOTORCYCLE DRIVING

- After driving, preheat fully the engine
- grasp at the clutch handlebar and make the clutch separate, tread the gearshift rod entering the first gear.
- Slowly rotate the throttle handlebar meanwhile slowly loose the clutch handlebar till the clutch completely combined.
- If need change to the higher gear, first close the throttle and swiftly grasp at the clutch handlebar, move the gearshift rod to the second gear.
- increase throttle, meanwhile slowly let the clutch handlebar bar go so that can drive normally.
- Repeat the above movement so that enter into the higher gear & lower gear.



REMARKS:

WHEN NO LETTING GO THE CLUTCH AND REDUCE THE THROTTLE,NO SHIFTING GEAR,OTHERWISE,WILL CAUSE ENGINE,DRIVE CHAIN AND OTHER ENGINES AND PARTS DAMAGED. BRAKE AND STOPPING MOTORCYCLE

When need stop, should close the throttle, grasp at the handle of the clutch letting go the clutch, meanwhile evenly use the front and rear brake till completely stop driving.

OPERATION

Keep the riding speed below 20 mph within the first 1000 miles.

See the following for details:

1. 0-300 miles: keep the speed below 18 miles per hour.
2. 300-500 miles: keep the speed below 25 miles per hour:
3. 500-1000 miles: keep the speed below 30 miles per hour.

NOTE:

***After 1000 miles of operation, be sure to replace the engine oil and clean the oil filter, if engine trouble occurs during the break-in period, consult your dealer immediately.**

Parking

When parking the scooter, stop the engine and turn off the main switch, remove the key!

NOTE:

***The muffler is hot after operation. Park the scooter in a place where pedestrians or children are not likely to touch the scooter.**

***Do not park the scooter on a slope or soft ground, the scooter may overturn.**

PERIODIC MAINTENANCE AND REPAIR

Periodic Maintenance and Minor Repair

Periodic inspection, adjustments, and lubrication will keep your scooter in the safest and more efficient condition possible. You must take into consideration that weather, terrain, geographical locations, and a variety of causes all tend to demand that each owner alter the time schedule for regular maintenance to shorter intervals.

The most important points of scooter maintenance: inspection, adjustments, and lubrication are explained in the following pages.

NOTE:

***If you are not familiar with servicing your scooter, consult your local dealer, your scooter is designed for use on paved road surfaces only. If you operate the scooter in abnormally dusty, muddy, or wet conditions, the air filter should be cleaned or replaced more frequently. Consult your local dealer for proper maintenance intervals.**

PERIODIC MAINTENANCE AND REPAIR

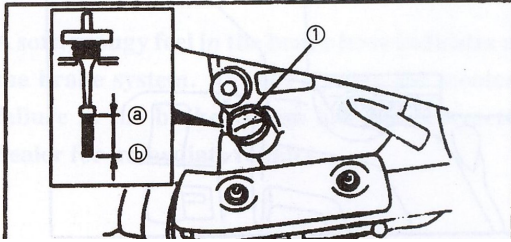
PERIODIC MAINTENANCE AND REPAIR

ITEM	RIDNG DISTANCE(km)													Daily checks
	300	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	
Engine Oil	R	R	R		R		R		R		R		R	
Lube filter	C				C				C				C	
Air filter	Clean filter every 2000~3000 km .change it when necessary.													
Spark Plug	Initial 4000km and Clean every 3000~4000 km, change it when necessary.													
Valve gap					A				A				A	
Cam Chain		A			A				A				A	
Gas filter									R					
Brake function.brake pads														
Brake fluid														
Driving chain						I								I
Fasteners					T				T				T	
*Follow on the analogy of the distance intervals listed above if exceeds the listed number.														
*If often industry area, element of air cleaner should be cleaned or replaced more frequently.														

I: Check, clean, lubricate, adjust of replace if necessary , A: Adjust C: Clean R: Replace T: Tighten

PERIODIC MAINTENANCE AND REPAIR

Engine Oil



NOTE:

***Be sure your scooter is positioned straight up when checking oil level. A slight tilt toward the**

1. Maximum level

2. Minimum level

2. Oil level Measurement

- a. Place the scooter on the center stand. Warm up the engine for several minutes.
- b. Stop the engine and wait a few minutes until the oil levels before removing the dipstick.
- c. The oil level should be between the minimum and maximum mark on the dipstick. If the level is low, add oil to raise it to the specified level.

PERIODIC MAINTENANCE AND REPAIR

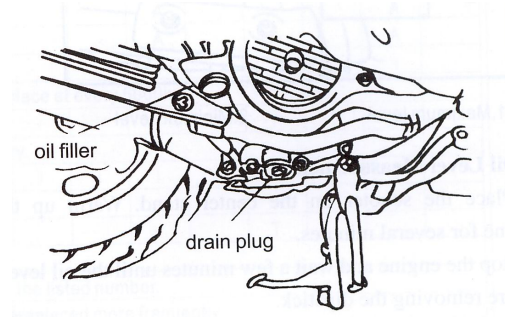
3. Engine oil replacement

Replace engine oil after the initial 300 miles, Thereafter, replace engine oil every 1000 miles, check the oil level after every 500 miles, add oil to specified level if necessary.

4. Start the engine and warm up for a few minutes. While warming up, check for oil leakage, if oil leakage is found, stop the engine immediately and check for the cause.

Follow the steps outlined below to change engine oil:

- a. warm up the engine for a few minutes.
- b. Stop the engine, place an oil pan under the engine and remove the dipstick.
- c. Remove the drain plug and drain the oil
- d. Clean the oil filter with solvent
- e. Reinstall the oil filter and drain plug
- f. Fill the engine with oil and install the dipstick.



NOTE:

***If your scooter is often ridden on bumpy roads, in cold weather, or for short distances, engine oil should be replaced sooner than prescribed by this manual, consult your local dealer for recommendations.**

PERIODIC MAINTENANCE AND REPAIR

Cleaning of Air Filter

The air filter should be cleaned at the specified intervals. It should be cleaned more frequently if you often ride in wet or dusty areas:

NOTE:

***Drain the oil accumulated in the clear tube after every 1000 miles**



PERIODIC MAINTENANCE AND REPAIR

Spark plug inspection

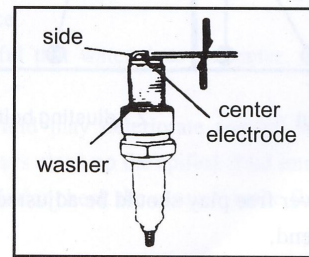
The spark plug is an important engine component. The condition of the spark plug can indicate the condition of the engine. Therefore, you should periodically inspect it for signs of deterioration. The ideal color on the white insulator around the center electrode is a medium to light tan color for a scooter that is being ridden normally.

Deposits will cause the spark plug to slowly break down and erode. You should replace the spark plug if electrode erosion becomes excessive, or if carbon and other deposits become excessive. Before installing the spark plug, measure the electrode gap with a wire thickness gauge. Adjust the gap to the specification.

Spark plug gap: 0.7~0.8mm

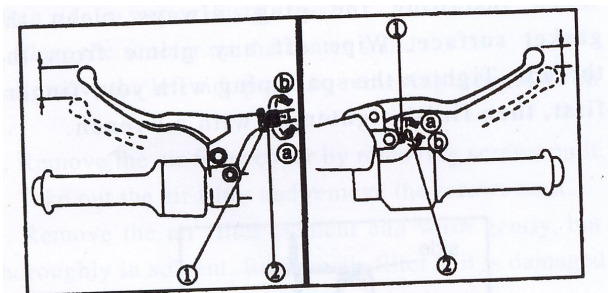
Spark plug type: A7RTC

When installing the plug, always clean the gasket surface. Wipe off any grime from the threads, tighten the spark plug with your fingers first, then finish tightening with a wrench.



PERIODIC MAINTENANCE AND REPAIR

Brake lever free play adjustment



The front brake lever free play should be adjusted to 2-5mm at the brake lever end.

The rear brake lever free play should be adjusted to 2-5mm at the brake lever end.

Loosen the locknut and turn the adjusting bolt in direction A to increase free play, in direction B to decrease free play. Be sure to tighten to the locknut after adjustments.

NOTE:

***When it is not impossible to make the proper adjustments on your own, consult your local dealer for professional guidance.**

PERIODIC MAINTENANCE AND REPAIR

Cable inspection and lubrication

Inspect the inner cable and the cable end. If it does not operate smoothly, ask a dealer to replace them

NOTE:

***Damage to the outer housing of cables may allow internal rusting and cause interference with cable movement. Replace damaged cables as soon as possible to prevent unsafe conditions.**

Recommended lubricant:

SAE 15W/40 motor oil

PERIODIC MAINTENANCE AND REPAIR

Center and side stand lubrication

Lubricate the pivoting and mating joints, check to see that the center and side stand move up and down smoothly.

Recommended lubricant:

SAE 15W/40 motor oil

NOTE:

***If the center or side stand does not move smoothly, consult a dealer.**

Front fork inspection

Securely support the scooter so there is no danger of it falling over.

1. Visual check: check for scratches or damage on the inner tube and excessive oil leakage from the front fork
2. Operation check: place the scooter on a level place
 - a. Hold the scooter in upright position and apply the front brake
 - b. Push down hard on the handlebars several times and check if the fork rebounds smoothly.

NOTE:

***If any damage or jerky movement is found with the front fork, consult your local dealer.**

PERIODIC MAINTENANCE AND REPAIR

Steering inspection

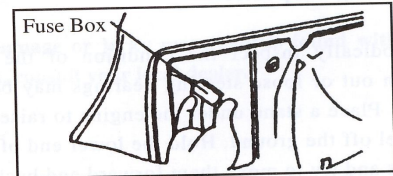
Periodically inspect the condition of the steering. worn out or loose steering bearings may be dangerous, place a stand under the engine to raise the front wheel off the ground., hold the lower end of the front forks and try to move them forward and backward, if any free play can be felt, ask a dealer to inspect and adjust the steering, inspection is easier if the front wheel is removed.

NOTE:

***Securely support the scooter so there is no danger of it falling over.**

Wheel bearings

If there is play in the front or rear wheel hub or if the wheel does not turn smoothly, have a dealer inspect the wheel bearings.



Fuse replacement

If the fuse is blown, turn off the main switch and the switch of the circuit in question. Remove the screws on battery case cover. the fuse is at the side of the case. Install a new fuse of specified amperage. Make sure the new fuse is fitted securely. Turn on the switches and see if the electrical device operates.

Specified Fuse: 10A

NOTE:

***Do not use fuses of higher amperage rating than those specified. Substitution of fuse of improper rating can cause extensive electrical system damage and possibly a fire.**

PERIODIC MAINTENANCE AND REPAIR

Battery

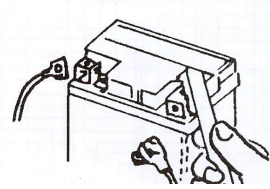
This scooter used sealed and non - replenishable type battery. It is unnecessary to check and add liquid.

NOTE:

***The battery will lose its charge if the scooter is not operated for an extended period of time. Remove the battery from the scooter and charge it fully when not in use. Store it a place with adequate ventilation.**

Battery joint:

1. Remove the battery before cleaning the joint of it
- 2 Clean the joint first, then apply a thin coat of Vaseline on it. Reinstall the battery.

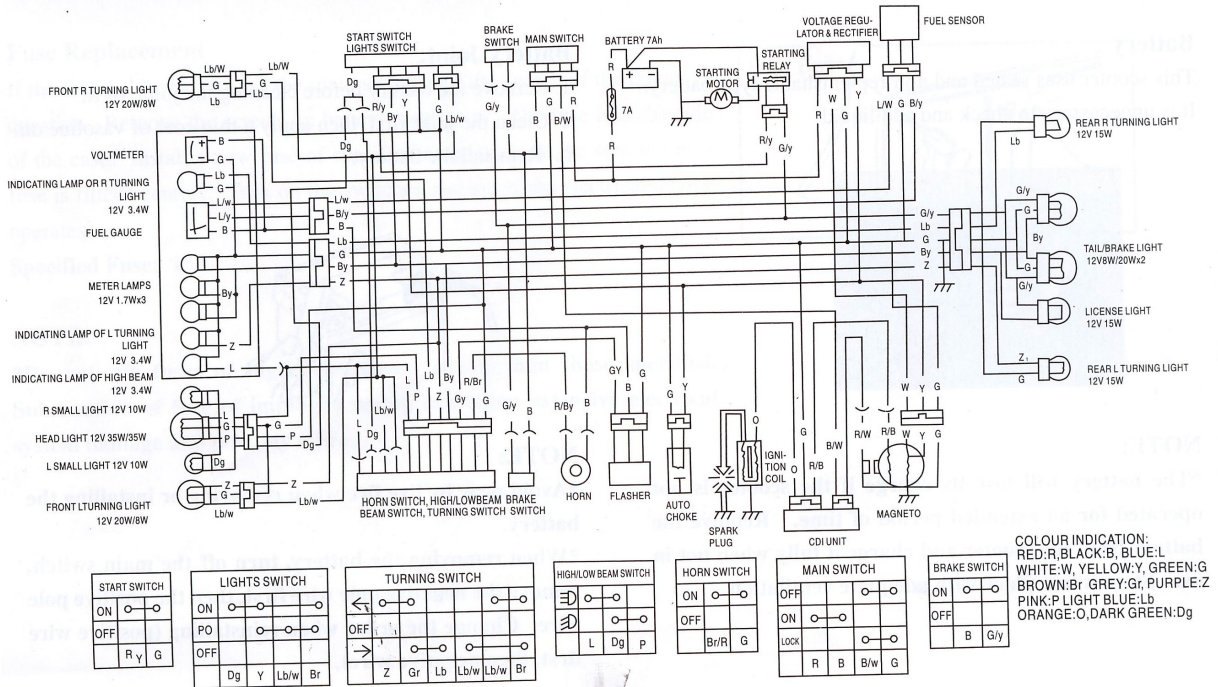


NOTE:

***Avoid near by live fire when removing or installing the battery.**

***When removing the battery, turn off the main switch, remove the negative pole wire first, then the positive pole wire. Change the order when reinstalling (positive wire first, then negative wire)**

ELECTRIC CIRCUIT DIAGRAM



MAJOR TECHNICAL PARAMETERS

Curb Mass	76kg	Rated power	5.5kw/7500r/min
Max speed	80km/h	Rated torque	9.2N.m/5500r/min
Ignition mode	CDI	Fuel tank capacity	4 L
Spark plug	A7RTC	Fuel grade	87 OCTANE
Battery	12V7Ah	Recommended engine oil	SE 15w/40
Engine type	Single-cylinder, four-stroke, air-cooled	Engine oil capacity	0.85L
Engine Displacement	127ml	Fuse	10A
Valve lash	0.05±0.02		
Idling speed	1500±100r/min		