User Profile Questionnaire

S1001-BDHO-FO-025

Dealer Name: _____ **Date Of Sale** [ ]

Model Purchased **Main User** Yes ☐ No ☐

☐ Activa 5G	☐ Activa 125	☐ Dream Yuga	☐ CB Shine SP	☐ CBR 250R
☐ Dio	☐ GRAZIA	☐ Dream Neo	☐ CB Unicorn	☐ CBR 650F
☐ Aviator	☐ NAVI	☐ CD 110 Dream	☐ CB Unicorn 160	☐ Africa Twin
☐ Activa I		☐ Livo	☐ CB Hornet 160R	
☐ CLIQ		☐ CB Shine	☐ X BLADE	

Name:_____ **Date of Birth:**_____ **Gender** ☐ Male ☐ Female **Marital Status** ☐ Married ☐ Unmarried

City:_____ **Phone No.:**_____ **Have Kids** ☐ Yes ☐ No If Yes, How Many ☐

01. Occupation

[1] Student [2] Comp Employee [3] Own Business [4] Agriculture / Fishery [5] Housewife [6] Other

02 What is your Monthly Family Income (of combined household including yourself)?

[1] ≤ 10,000 [2] 10,001 to 20,000 [3] 20,001 to 30,000 [4] 30,001 to 50,000 [5] 50,001 to 1,00,000 [6] >1,00,000

03. Please give details of the model you are presently using for yourself ?(If you have any)

Maker _____ Model _____ Yr of Purchase _____

Continue....

04. What are the major reasons for buying this model now?

[1] Able to afford a 2 wheeler now
[2] People needing 2 wheeler in the family increased
[3] Current 2 wheeler Has Become Old
[4] Current 2 wheeler is not convenient
[5] Current 4 wheeler is not suitable for daily usage
[6] Other → [ ]

05. Is there someone other than you, who will ride this model?

☐ Yes (If Yes) → ☐ Male ☐ Female
☐ No

06. Before buying this model, did you make comparison with any other models? **Mention cc**

☐ No comparison made
☐ Yes, Please mention model (s) ⇨ Model 1 [ ] Model 2 [ ] Model 3 [ ] Model 4 [ ]

07. What are the reasons for your buying this model?

[1] Style [2] Brand [3] Mileage [4] Reasonable Price [5] Advance Technology
[6] Power & Pick up [7] After Sales Service [8] Low Maintenance [9] Resale Value [10] Riding Comfort
[11] Other [ ]

WELCOME

The vehicle presents you a challenge to master the machine, a challenge to adventure. You ride through the wind, linked to the road by a vehicle that responds to your commands as no other does. Unlike an automobile, there is no metal cage around you. Like an air plane, a pre-ride inspection and regular maintenance are essential to your safety. Your reward is freedom.

To meet the challenges safely, and to enjoy the adventure fully, you should become thoroughly familiar with this owner's manual BEFORE YOU RIDE THE VEHICLE.

As you read this manual, you will find information that is preceded by a **NOTICE** symbol. This information is intended to help you avoid damage to your vehicle, other property, or the environment.

When service is required, remember that your Honda dealer knows your vehicle. If you have the required mechanical "know-how" and tools, your dealer can supply you an official Honda shop manual on paid basis to help you perform many maintenance and repair tasks.

Accessories shown in the illustration are not part of the standard equipment.

For any query or assistance, please call Customer Care No.:

1800 103 3434 (Toll free)

Pleasant riding, and thank you for choosing a Honda!

• The specifications may vary with each locale.

IMPORTANT INFORMATION

• RIDER AND PILLION RIDER

This vehicle is designed to carry the rider and one pillion rider. Never exceed the maximum weight capacity.

• ON-ROAD USE

This vehicle is designed to be used only on the road.

• READ THIS OWNER'S MANUAL CAREFULLY

Pay special attention to the safety messages that appear throughout the manual.

This manual should be considered as a permanent part of the vehicle and should remain with the vehicle when resold.

All information in this publication is based on the latest production information available at the time of approval for printing. Honda Motor Co., Ltd. reserves the right to make changes at any time without notice and without incurring any obligation.

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TABLE OF CONTENTS

CATALYTIC CONVERTER

This Vehicle is equipped with a catalytic converter.

The catalytic converter contains precious metals that serve as catalysts. Promoting chemical reactions to convert the exhaust gasses without affecting the metals.

The catalytic converter acts on HC, CO, and NOx. A replacement unit must be an original Honda part or its equivalent.

The catalytic converter must operate at a high temperature for the chemical reactions to take place. It can set on fire any combustible materials that come near it. Mark your vehicle away from high grasses, dry leaves, or other flammables.

A defective catalytic converter contributes to air pollution, and can impair your engine's performance. Follow these guidelines to protect your motorcycle's catalytic converter.

- Always use unleaded petrol. Even a small amount of leaded petrol can contaminate the catalyst metals, making the catalytic converter ineffective.
- Keep the engine tuned-up.
- Have your vehicle diagnosed and replaced if it is misfiring, backfiring stalling or otherwise not running properly.

A FEW WORDS ABOUT SAFETY

Your safety, and the safety of others, is very important. Operating this vehicle safely is an important responsibility.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels in this manual. This information alerts you to potential hazards that could hurt you or others.

Of course, it is not practical or possible to warn you about all hazards associated with operating or maintaining a vehicle. You must use your own good judgment.

You will find important safety information in a variety of forms, including :

- **Safety labels** - on the vehicle.
- **Safety messages** - preceded by a safety alert symbol ⚠ and one of three signal words: **DANGER, WARNING,** or **CAUTION**.

These signal words mean:

⚠ DANGER **You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions.**

⚠ WARNING **You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.**

⚠ CAUTION **You CAN be HURT if you don't follow instructions.**

- **Safety Heading** - such as Important Safety Reminders or Important Safety Precautions.
- **Safety Section** – such as vehicle Safety.
- **Instructions** – how to use this vehicle correctly and safely.

This entire manual is filled with important safety information–please read it carefully.

VEHICLE SAFETY

IMPORTANT SAFETY INFORMATION

Your vehicle can provide many years of service and pleasure – if you take responsibility for your own safety and understand the challenges that you can meet on the road.

There is much that you can do to protect yourself when you ride. You'll find many helpful recommendations throughout this manual. Following are a few that we consider most important.

Always Wear a Helmet

It's a proven fact: Helmets significantly reduce the number and severity of head injuries. So always wear a helmet and make sure your pillion rider does the same. We also recommend that you wear eye protection, sturdy boots, gloves and other protective gear (page 4).

Make Yourself Easy to see

Some drivers do not see vehicles because they are not looking for them. To make yourself more visible, wear bright reflective clothing, position yourself so other drivers can see you, signal before turning or changing lanes, and use your horn when required, it will help others notice you.

Don't Drink and Ride

Alcohol and riding don't mix. Even one drink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every additional drink. So don't drink and ride, and don't let your friends drink and ride either.

Ride Within Your Limits

Pushing the limits is another major cause of vehicle accidents. Never ride beyond your personal abilities or faster than conditions warrant. Remember that alcohol, drugs, fatigue and inattention can significantly reduce your ability to make good judgements and ride safely.

Keep Your Vehicle in Safe Condition

For safe riding, it is important to inspect your vehicle before every ride and perform all recommended maintenance. Never exceed load limits, and only use accessories that have been approved by Honda for this vehicle. See (page 6) for more details.

PROTECTIVE APPAREL

For your safety, we strongly recommend that you always wear an approved helmet, eye protection, boots, gloves, long pants and a long-sleeved shirt or jacket whenever you ride. Although complete protection is not possible, wearing proper gear can reduce the chance of injury when you ride.

Following are suggestions to help you choose proper gear.

⚠ WARNING

Not wearing a helmet increases the chance of serious injury or death in a crash.

Be sure you and your pillion rider always wear a helmet, eye protection and other protective apparel when you ride.

Helmets and Eye Protection

Your helmet is your most important piece of riding gear because it offers the best protection against head injuries. A helmet should fit your head comfortably and securely. A bright-colored helmet can make you more noticeable in traffic, as can reflective strips.

An open-face helmet offers some protection, but a full-face helmet offers more. Always wear a face shield or goggles to protect your eyes and help your vision.

Additional Riding Gear

In addition to a helmet and eye protection, we also recommend:

- Sturdy boots with non-slip soles to help protect your feet and ankles.
- Leather gloves to keep your hands warm and help prevent blisters, cuts, burns and bruises.
- A vehicle riding suit or jacket for comfort as well as protection. Bright-colored and reflective clothing can help make you more noticeable in traffic. Be sure to avoid loose clothes that could get caught on any part of your vehicle.

LOAD LIMITS AND GUIDELINES

Your vehicle has been designed to carry you, one pillion rider and a limited amount of cargo. When you add cargo or carry a pillion rider, you may feel some difference during acceleration and braking. But so long as you keep your vehicle well-maintained, with good tyres and brakes, you can safely carry loads within the given limits and guidelines.

However, exceeding the weight limit or carrying an unbalanced load can seriously affect your vehicle's handling, braking and stability. Non-Honda accessories, improper modifications, and poor maintenance can also reduce your safety margin.

The following pages give more specific information on loading, accessories and modifications.

Loading

How much weight you put on your vehicle, and how you load it, are important to your safety. Anytime you ride with a pillion rider or cargo you should be aware of the following information.

⚠ WARNING

Overloading or improper loading can cause a crash and you can be seriously hurt or killed.

Follow all load limits and other loading guidelines in this manual.

Load Limits

Following are the load limits for your vehicle:

Maximum weight capacity:

170 kg (374.8 lbs)

Includes the weight of the rider, pillion rider, all cargo and all accessories.

The weight of added accessories will reduce the maximum cargo weight you can carry.

Loading Guidelines

Your vehicle is primarily intended for transporting you and a pillion rider.

If you wish to carry more cargo, check with your Honda dealer for advice, and be sure to read the information regarding accessories on page 6.

Improperly loading your vehicle can affect its stability and handling. Even if your vehicle is properly loaded, you should ride at reduced speeds whenever carrying cargo.

Follow these guidelines whenever you carry a pillion rider or cargo:

- Check that both tyres are properly inflated.
- To prevent loose items from creating a hazard, make sure the center compartment is closed and that any other cargo is securely tied down before you ride away.
- Place cargo weight as close to the center of the vehicle as possible.
- Balance cargo weight evenly on both sides.

Accessories and Modifications

Modifying your vehicle or using non-Honda accessories can make your vehicle unsafe. Before you consider making any modifications or adding an accessory, be sure to read the following information.

⚠ WARNING

Improper accessories or modifications can cause a crash in which your can be seriously hurt or killed.

Follow all instructions in this owner's manual regarding accessories and modifications.

Accessories

We strongly recommend that you use only genuine Honda accessories that have been specifically designed and tested for your vehicle. Because Honda cannot test all other accessories, you must be personally responsible for proper selection, installation and use of non-Honda accessories.

Check with your dealer for assistance and always follow these guidelines:

- Make sure the accessory does not obscure any lights, reduce ground clearance and banking angle, limit suspension travel or steering travel, alter your riding position or interfere with operating any controls.

- Be sure not to use any non-genuine electrical equipment or equipment having capacity exceeding vehicle's electrical system capacity (page 70). A blown fuse can cause a loss of lights or engine power.
- Do not pull a trailer or sidecar with your vehicle. This vehicle was not designed for these attachments, and their use can seriously impair your vehicle's handling.

Modifications

We strongly advise you not to remove any original equipment or modify your vehicle in any way that would change its design or operation. Such changes could seriously impair your vehicle's handling, stability and braking, making it unsafe to ride.

Removing or modifying your lights, mufflers, emission control system or other equipment can also make your vehicle illegal.

ANTI-THEFT TIPS

1. Always lock the steering and close the key shutter.
2. Never leave the key in the ignition switch. This sounds simple but people do forget.
3. Be sure the registration information for your vehicle is accurate and current.
4. Park your vehicle in a locked garage, whenever possible.
5. Use an additional anti-theft device of good quality (without tampering any part of the vehicle).
6. Put your name, address, phone number and key number in this Owner's Manual and keep it in your vehicle at all times.
   Many times stolen vehicles are identified by information in the Owner's Manuals.

NAME:_____

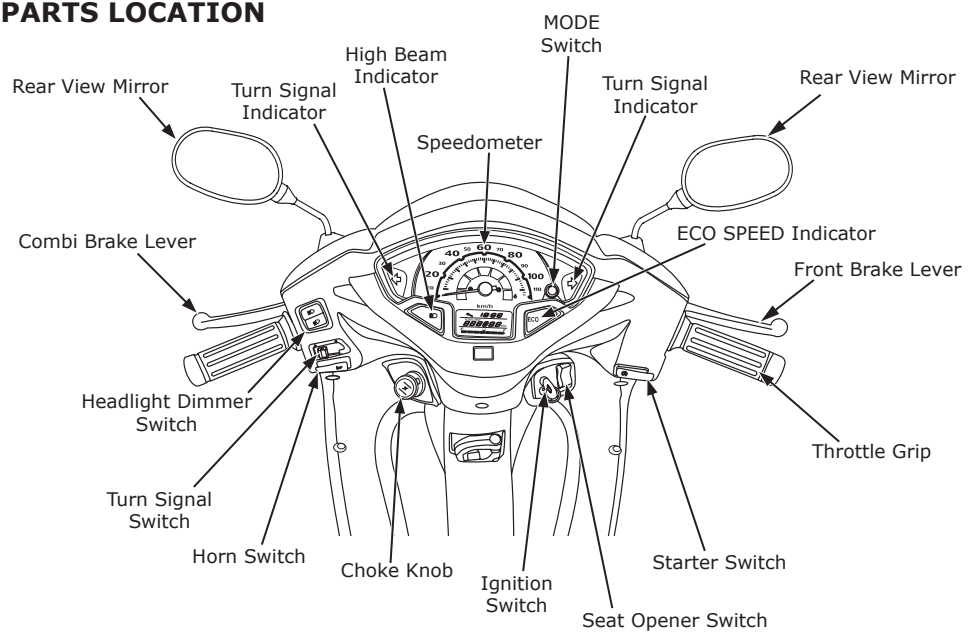
ADDRESS:_____

_____

PHONE NO: _____

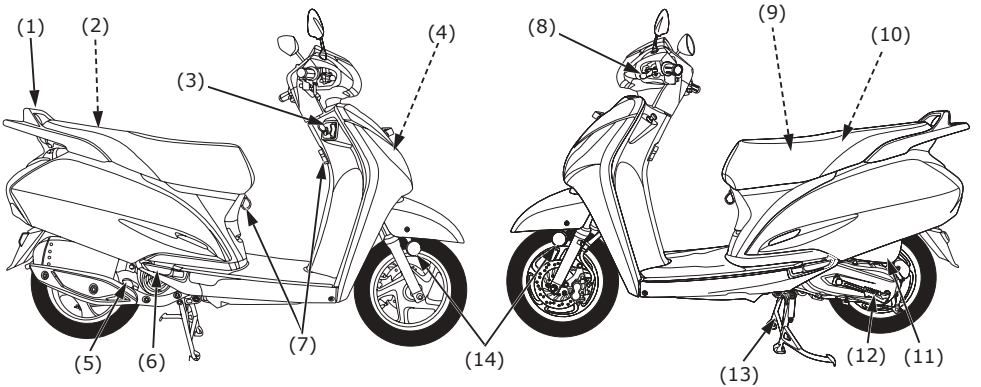
KEY NO: _____

PARTS LOCATION



Right Side View

Left Side View



(1) Rear Grip	(8) Combi Brake Lever
(2) Fuel Filler Cap	(9) Center Compartment
(3) Ignition & Seat Opener Switch	(10) Tool Kit & Document Compartment
(4) Battery & Fuse Box	(11) Air Cleaner Assembly
(5) Oil Filler Cap/Dipstick	(12) Kick Starter Pedal
(6) Pillion Rider Footpeg	(13) Center Stand
(7) Luggage Hook	(14) Reflector

SERIAL NUMBER

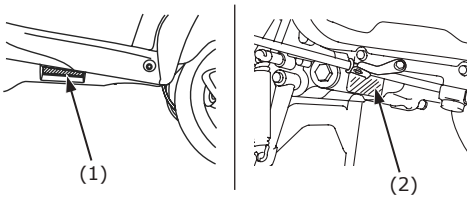
The frame and engine serial numbers are required when registering your vehicle. They may also be required by your dealer when ordering replacement parts.

The "Frame Number" (1) is stamped on the right side of the frame body. The "Engine Number" (2) is stamped on the left side of the crankcase.

Record the numbers here for your reference.

FRAME NO._____

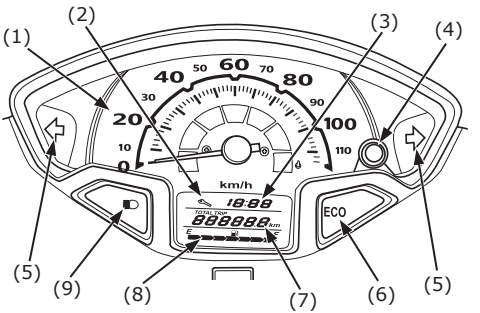
ENGINE NO._____



(1) Frame Number
(2) Engine Number

INSTRUMENTS AND INDICATORS

The functions of the indicators contained in the instrument panel is described in the tables on the following pages.

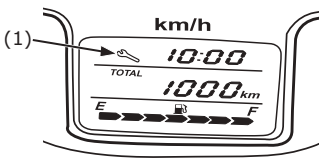


(1) Speedometer
(2) Service Due Indicator
(3) Digital Clock
(4) MODE Switch
(5) Turn Signal Indicator
(6) ECO SPEED Indicator
(7) Odometer/ Tripmeter
(8) Fuel Gauge
(9) High Beam Indicator

(Ref. No.) Description	Function
(1) Speedometer	Shows riding speed of the vehicle.
(2) Service Due Indicator	It indicates that your vehicle needs service.
(3) Digital Clock	Shows hour and minutes.
(4) MODE Switch **NOTICE** *Operate Mode Switch with hands only.(Do not use sharp/pointed objects to operate Mode Switch)*	Use this switch for the following purposes:- • To activate/ deactivate ECO SPEED indicator • To reset Tripmeter • To adjust time
(5) Turn Signal Indicator (Green)	Flashes when the turn signal operates.
(6) ECO SPEED Indicator	It indicates fuel economy mode w.r.t. vehicle speed and its movement.
(7) Odometer/Tripmeter	Odometer - Shows accumulated mileage. Tripmeter - Its shows distance travelled since the time it was last reset to zero.
(8) Fuel Gauge	Shows approximate fuel quantity available. (Page 16)
(9) High Beam Indicator (Blue)	Lights when the headlight is glowing on high beam.

Service Due Indicator

This vehicle is equipped with "Service Due Indicator" (1).
Service due indicator is located in Digital Speedometer panel.
When ODO meter reading reaches specified distance then 'Service Due Indicator' light blinks upto service limit (kms) and then light glows continuously.



(1) Service Due Indicator

Service due indicator lighting pattern understanding:

Blinking – Blinking of "Service Due Indicator" indicates that your vehicle has reached the specified distance for Service hence kindly visit your nearest Honda dealer for vehicle service.

Continuous Glow – Indicate that your vehicle has crossed the specified distance for Service. **Immediately visit Honda dealer for vehicle service.**

First blinking of "Service Due Indicator" will start 250 km before first service (as per specified distance) of the vehicle.

Second blinking of "Service Due Indicator" will start 500 kms before second service (as per specified distance) of the vehicle and later same pattern will continue for every next service.

"Service Due Indicator" will continuous glow if service of the vehicle is not done as per the specified distance mentioned in maintenance schedule.

NOTICE

"Service Due Indicator" blinking / continuous glow is an indication for vehicle service due which is based on distance (Kms) covered by the vehicle however every service schedule is to be followed as per the maintenance schedule with respect to days or kms covered (whichever comes first)

If your vehicle is serviced before the specified distance as mentioned in maintenance schedule (page 44), in that case "Service Due Indicator will start blinking, whenever your vehicle reach specified kilometer.

Kindly visit your Honda dealer for "Service Due Indicator" resetting.

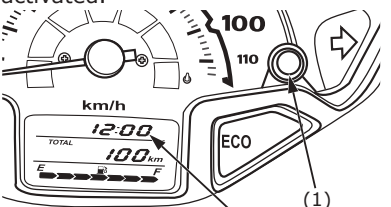
Digital Clock

The combination meter is equipped with liquid crystal display which consist of clock display function.

Time adjustment method

To adjust the clock, proceed as follows:

1. Turn the ignition switch ON.
2. With odometer (Total) displayed, press and hold the "Mode Switch" (1) until ECO SPEED indicator ON/OFF mode is activated.



(1) Mode Switch
(2) Digital Clock

3. Press and hold mode switch until the "Hour" digits start flashing.

4. Press mode switch until the desired hour is displayed. The time will increase by one hour each time the switch is pressed.
5. Press and hold mode switch until the "Minute" digits start flashing.

6. Press mode switch until the desired minute is displayed. The time will increase by one minute each time the switch is pressed.
7. Press and hold mode switch until the minute stop flashing. The clock is set.

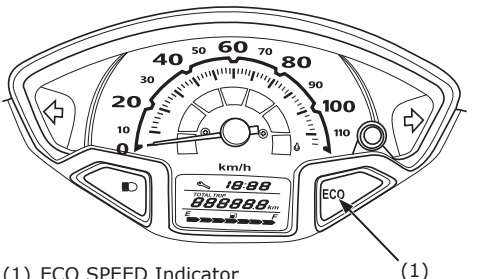
If the ignition switch is turned OFF while in the setting mode, the currently displayed value is saved as set value.

Re-adjustment of clock

The clock will be reset "1:00" if the battery is disconnected.
Make sure the clock information is correct after the battery is reconnected (page 13).

ECO SPEED Indicator

This vehicle is equipped with "ECO SPEED Indicator" (1) in the instrument panel.

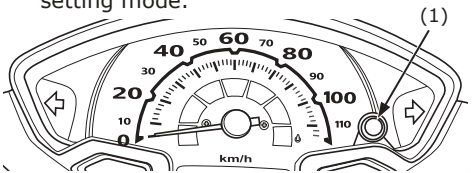


(1) ECO SPEED Indicator

ECO SPEED indicator comes ON when your speed is between 30 - 50 km/h according to driving situation. Maintaining a constant speed will make the ECO SPEED indicator come ON.

Activate or deactivate the function

1. With the odometer displayed, press and hold "MODE SWITCH" (1) to enter into setting mode.



(1) MODE SWITCH

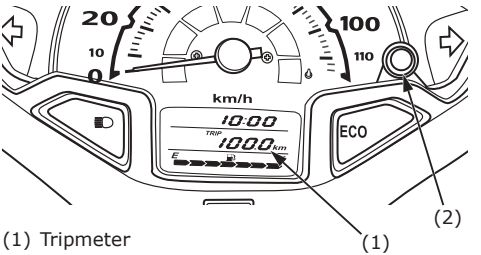
2. Press MODE SWITCH to select "ON" (activate) or "OFF" (deactivate).

3. Press and hold MODE SWITCH to end the selection. Hour setting mode will be activated.
4. Press and hold MODE SWITCH to end the hour setting mode. Minute setting mode will be activated.
5. Press and hold MODE SWITCH to end the minute setting mode.

Tripmeter

To reset the "Tripmeter" (1), press the "Mode Switch" (2) to select Tripmeter.

Press and hold mode switch until the tripmeter reset to "0".

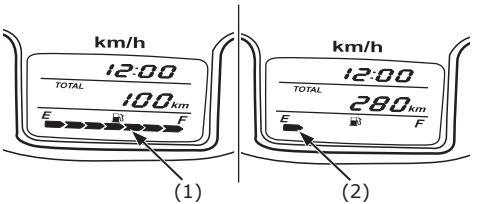


(1) Tripmeter
(2) Mode Switch

Fuel Gauge

When the "Fuel Gauge" (1) display flashing and enters in the "Last Band" (2), fuel will be low. and you should refill the tank as soon as possible. The amount of fuel left in the tank with the vehicle set upright when fuel gauge display flashing in last band is approximately:

1.25 Ltr. (0.33 US gal , 0.27 Imp gal)



(1) Fuel Gauge

(2) Last Band

MAJOR COMPONENTS

(Information you need to operate this vehicle)

SUSPENSION

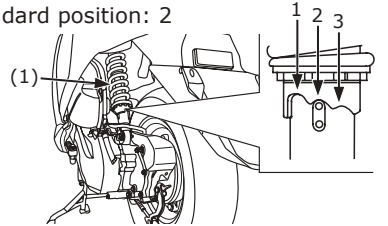
The "Shock Absorber" (1) has 3 adjustment positions for different load or riding conditions.

Position 3 increases spring preload for a stiffer rear suspension, and can be used when the vehicle is heavily loaded.

NOTICE

For rear shock absorber adjustment visit to your nearest Honda dealer.

Standard position: 2



(1) Shock Absorber

BRAKES

Brakes are items of personal safety and should always be maintained with proper adjustment.

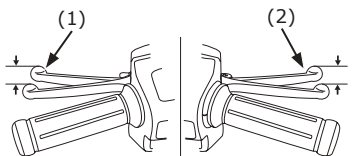
When one applies the left lever, combi (front & rear) brake activates and application of right lever, front brake activate.

Free play (Incase of Drum)

The free effortless movement of brake levers until the brakes start activate is termed as free play.

Measured at the tip of the brake levers, freeplay should be maintained at:

10 - 20 mm (0.39 - 0.79 in)



(1) Combi Brake Lever
(2) Front Brake Lever

Free Play Adjustment

Incase of Disc

Front Brake Hydraulic Brakes

This scooter has a hydraulic front disc brake. As the brake pads wear, brake fluid level drop.

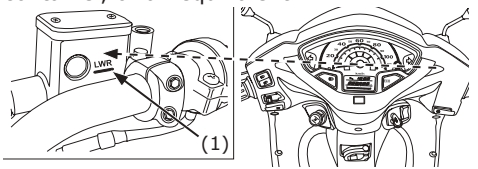
There are no adjustments to perform, but fluid level and pad wear must be inspected periodically. The system must be inspected frequently to ensure there are no fluid leaks. If the control lever free travel becomes excessive and the brake pads are not worn beyond the recommended limit (page 57), there is probably air in the brake system and it must be bleed. Visit your Honda dealer for this service.

Front Brake Fluid Level

With the scooter in an upright position, check the fluid level. It should be above the "LOWER Level Mark" (1). If the level is at or below the LOWER level mark, check the brake pads for wear (Page 57)

Worn pads should be replaced. If the pads are not worn, then inspect the brake system for leaks.

The recommended brake fluid is Honda DOT 3 or DOT 4 brake fluid from a sealed container, or an equivalent.



(1) LOWER Level Mark

Other Checks:

Make sure there are no fluid leaks. Check for deterioration or cracks in the hoses and fittings.

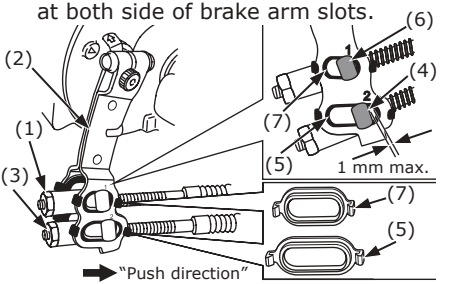
Incase of Drum

Front brake lever:

NOTICE

During adjustment of 1st adjusting nut, 2nd adjusting nut should be in loose condition. Numeric '1' & '2' is embossed on brake arm.

1. Check the free play of front brake lever. **Free Play: 10-20 mm (0.39-0.79 in)**
2. If free play is 20 mm or more, turn "1st Adjusting Nut" (1) to make the front brake lever free play within 10~20 mm.
3. Push the "Front Brake Arm" (2) by hand "(Push direction ➡)" and turn the "2nd Adjusting Nut" (3) to make a gap between "Joint B" (4) and "Slider B Joint" (5) greater than zero & less than 1 mm (at '2' embossed side).
4. Further confirm that there is no gap between "Joint A" (6) and "Slider A Joint" (7) (at '1' embossed side).
5. After adjustment make sure that slider A joint and slider B joint properly intact at both side of brake arm slots.

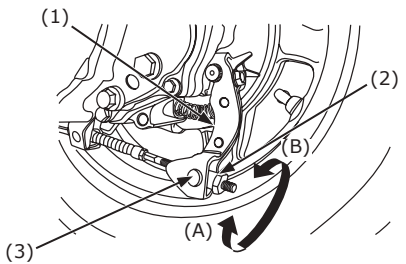


(1) 1st Adjusting Nut (2) Front Brake Arm
(3) 2nd Adjusting Nut (4) Joint B
(5) Slider B Joint (6) Joint A
(7) Slider A Joint

Rear Brake

1. Make freeplay adjustments by turning the "Adjusting Nut" (2) at the "Brake Arm" (1).

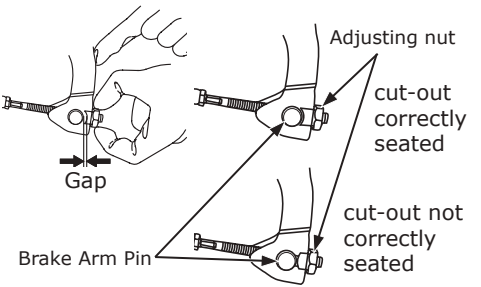
Make sure the cut-out on the adjusting nut is seated on the "Brake Arm Pin" (3) after making final freeplay adjustment.



(1) Brake Arm
(2) Adjusting Nut
(3) Brake Arm Pin
(A) Decrease Freeplay
(B) Increase Freeplay

2. Apply the brake several times and check for free wheel rotation after the brake lever is released.

If proper adjustment cannot be obtained by this method, see your Honda dealer.



Other Checks

Check the brake cable for kinks or signs of wear that could cause sticking or failure.

Lubricate the brake cable with a commercially available cable lubricant to prevent premature wear and corrosion.

Make sure the brake arm, spring and fasteners are in good condition.

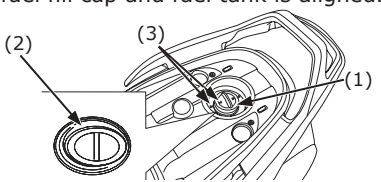
FUEL

Fuel Tank

The fuel tank is located under the seat.
The fuel tank capacity including the reserve supply is:

5.3 Ltr. (1.4 US gal, 1.17 Imp gal)

To open the "Fuel Fill Cap" (1), unlock and lift-up the seat (Page 28), then remove the fuel fill cap by turning it counterclockwise.
Do not overfill the tank. There should be no fuel in the "Filler Neck" (2).
After refuelling, be sure to tighten the fuel fill cap firmly by turning it clockwise.
Make sure that the "Arrow Marks" (3) on the fuel fill cap and fuel tank is aligned.



(1) Fuel Fill Cap
(2) Filler Neck
(3) Arrow Marks

⚠ WARNING

Petrol is highly flammable and explosive. You can be burned or seriously injured when handling fuel.

- Stop the engine and keep heat, sparks and flame away.
- Refuel only outdoors.
- Wipe out spills immediately.

Use unleaded petrol with a research octane number of 90 or higher.

The use of leaded petrol will cause premature damage to the catalytic converter.

NOTICE

If "Spark Knock" or "Pinking" occurs at a steady engine speed under normal load, change brands of petrol. If spark knock or pinking persists, consult your Honda dealer. Failure to do so is considered misuse, and damage caused by misuse is not covered by Honda's Limited Warranty.

Petrol Containing Alcohol

If you decide to use a petrol containing alcohol (gasohol), be sure it's octane rating is at least as high as that recommended by Honda.

- When certain types of petrol containing alcohol are used, problems such as hard starting, poor performance, etc. may occur.
- If you notice any undesirable operating symptoms while using a petrol that contains alcohol, or one that you think contains alcohol, try another station or switch to another brand of petrol.
- When a problem resulting from the use of petrol containing alcohol occurs, contact your Honda dealer.
- Use of fuel containing alcohol higher than the recommended limit is considered misuse. And damage caused by misuse is not covered by Honda's Limited Warranty.

⚠ WARNING

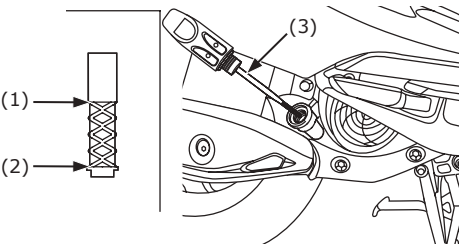
Adulterated fuel not to be used. It causes damage to the engine parts and considered as misuse, damage caused by misuse is not covered under Honda warranty.

ENGINE OIL

Engine Oil level Check

Check the engine oil level each day before riding the vehicle.

The level must be maintained between the "Upper" (1) and "Lower" (2) level marks on the "Oil Filler Cap/Dipstick" (3).



(1) Upper Level Mark
(2) Lower Level Mark
(3) Oil Filler Cap/Dipstick

1. Start the engine and let it idle for 3 – 5 minutes.
2. Stop the engine and put the vehicle on its center stand on level ground.

3. After 2–3 minutes, remove the oil filler cap/dipstick, wipe it clean, and reinsert the oil filler cap/dipstick without screwing it in. Remove the oil filler cap/dipstick. The oil level should be between the upper and lower marks on the oil filler cap/dipstick.
4. If required, add the specified oil (Page 49) up to the upper level mark. Do not overfill.
5. Reinstall the oil filler cap/ dipstick. Check for oil leaks.

NOTICE

Running the engine with insufficient oil quantity may cause serious engine damage.

If engine oil level is below from 'Min.' mark, please contact Honda Authorised Dealer.

TYRES

To safely operate your vehicle, your tyre must be the proper type and size, in good condition with adequate tread, and correctly inflated for the load you are carrying. The following pages give more detailed information on how and when to check your air pressure, how to inspect your tyres for damage, and what to do when your tyres need to be repaired or replaced.

⚠ WARNING

Using tyres that are excessively worn or improperly inflated can cause a crash in which you can be seriously hurt or killed.

Follow all instructions in this owner's manual regarding tyre inflation and maintenance.

Air Pressure

Keeping your tyres properly inflated provides the best combination of handling, tread life and riding comfort. Generally, under inflated tyres wear unevenly, adversely affect handling, and are more likely to fail from being overheated.

Overinflated tyres make your vehicle ride more harsh, are more prone to damage from road hazards and wear unevenly.

We recommend that you visually check your tyres before every ride and use a gauge to measure air pressure at least once a month or any time you think the tyres air pressure might be low.

Always check air pressure when tyres are "cold"– when the vehicle has been parked for at least three hours. If you check air pressure when tyres are "warm"- When the vehicle has been ridden for even a few miles the readings will be higher than if the tyres were "cold". This is normal so do not let air out of the tyres to match the recommended cold air pressures given below. If you do, the tyres will be under inflated.

The recommended "Cold" tyre air pressures are:

kPa (kgf/cm², psi)	
Rider only	Front 150 (1.50, 22) Rear 200 (2.00, 29)
Rider and one pillion rider	Front 150 (1.50, 22) Rear 250 (2.50, 36)

This vehicle is fitted with tubeless tyres in both wheels. Compared with ordinary tube tyre, the tubeless tyre releases slow air leak when punctured by a nail or other similar object. For this reason, even though they remain fully inflated, it is important to regularly check the tyre for embedded objects.

Inspection

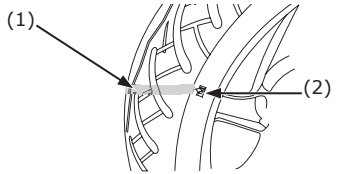
Whenever you check the tyre pressures, you should also examine the tyre treads and side walls for wear, damage, and foreign objects:
Look for:

- Bumps or bulges in the side of the tyre or the tread. Replace the tyre if you find any bumps or bulges.
- Cuts, splits or cracks in the tyre. Replace the tyre if you can see fabric or cord.
- Excessive tread wear.

Also, if you hit a pothole or hard object, pull to the side of the road as soon as you safely can and carefully inspect the tyres for damage.

Tread Wear

Inspect the "Wear Indicator" (1) to check for insufficient tread depth. If the wear indicator is visible, the tyre should be replaced.



(1) Wear Indicator
(2) Wear Indicator Location Mark

Tyre Repair

If a tubeless tyre is punctured or damaged, Please visit nearest tyre manufacture dealer and follow his recommendation for repair or replacement.

⚠ CAUTION

Repair/Replacement of tubeless tyre by unauthorised person may render the tyre useless or tyre can fail while driving.

Tyre Replacement

The tyres that came on your vehicle were designed to match the performance capabilities of your vehicle and provide the best combination of handling, braking, durability and comfort.

⚠ WARNING

Installing improper tyres on your vehicle can affect handling and stability. This can cause a crash in which you can be seriously hurt or killed.

Always use the size and type of tyres recommended in this owner's manual.

The recommended tyres for your vehicle are:

FRONT: 90/90-12 54J

REAR: 90/100-10 53J

Whenever you replace a tyre, use one that is equivalent to the original and be sure the wheel is balanced after the new tyre is installed.

ESSENTIAL INDIVIDUAL COMPONENTS

IGNITION SWITCH

The "Ignition Switch" (1) is on the right side below the steering stem.

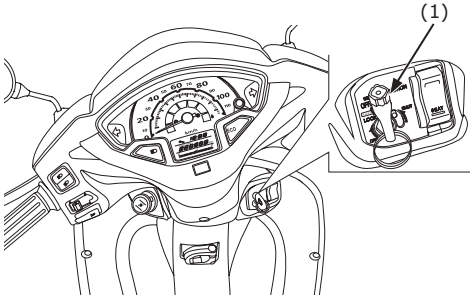
⚠ CAUTION

Do not switch off ignition:

(i) While riding.

(ii) Immediately after snapping.

It may cause melting of catalyzer.



(1) Ignition Switch

Condition		Function	Key Removal
LOCK (steering lock)		Steering is Locked. Engine and lights cannot be operated.	Key can be removed
OFF		Engine and lights cannot be operated.	Key can be removed
SEAT		Seat can be unlocked. Engine and lights cannot be operated.	Key cannot be removed
ON	Ignition	Taillight, meter lights, position light will glow. Engine, turn signal lights and horn can be operated.	Key cannot be removed
	Engine	Headlight glows only when the engine is running.	

RIGHT HANDLEBAR CONTROL

NOTICE

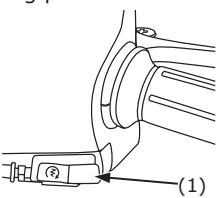
Automatic Headlamp ON (AHO Compliance):-

This means that the Headlamp will get ON as soon as the engine is started.

There is no switch to turn OFF the Headlamp while riding. "Automatic Headlamp ON" feature of your vehicle helps other to recognize your vehicle position in foggy/ dusty environment condition.

Starter Button (1)

When the starter button is pressed, the starter motor cranks the engine. See Page 34 for the starting procedure.



(1) Starter Button

LEFT HANDLEBAR CONTROLS

Headlight Dimmer Switch (1)

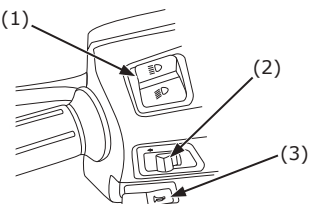
Push the dimmer switch to (HI) to select high beam or to (LO) to select low beam.

Turn Signal Switch (2)

Move to (L) to signal a left turn, (R) to signal a right turn. Press to turn signal off.

Horn Switch (3)

Press the switch to blow the horn.



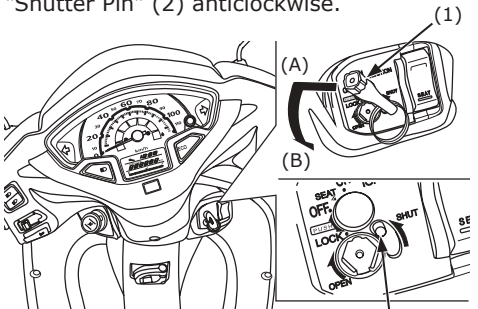
(1) Headlight Dimmer Switch
(2) Turn Signal Switch
(3) Horn Switch

FEATURES
(NOT required for operation)

STEERING LOCK

To lock the steering, turn the handlebar all the way to the left, turn the "Ignition Key" (1) to LOCK while pushing in. Remove the key.

Close the key shutter by turning the "Shutter Pin" (2) anticlockwise.

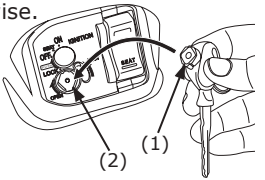


(1) Ignition Key
(2) Shutter Pin
(A) Push in
(B) Turn to LOCK

STEERING UNLOCK

Step 1:-

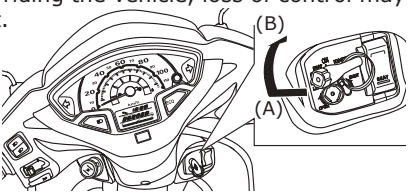
To unlock the steering, open the key shutter by aligning & inserting the "Hexagonal Shape" (1) key into the "Key Shutter" (2) and rotate it clockwise.



(1) Hexagonal Shape
(2) Key Shutter

Step 2:-

Insert the key and turn the key to OFF while pushing in. Do not turn the key to LOCK while riding the vehicle, loss of control may result.



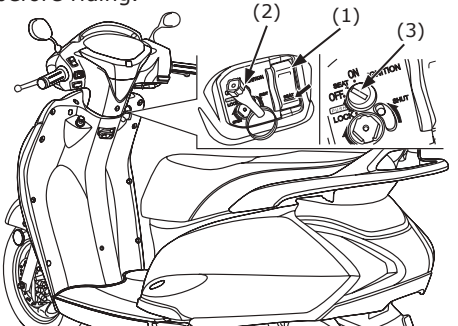
(A) Push in
(B) Turn to OFF

SEAT LOCK

The "Seat Opener Switch" (1) is provided in ignition panel.

To unlock the seat turn the "Ignition Key" (2) to the "Seat Position" (3). Press the Seat Opener Switch and lift-up the seat

To lock the seat, lower and push down on it until it locks. Make sure the seat is secure before riding.



(1) Seat Opener Switch
(2) Ignition Key
(3) Seat Position

CENTER COMPARTMENT

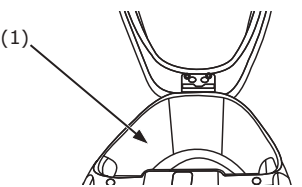
The "Center Compartment" (1) is below the seat. For opening and closing:

See "SEAT LOCK" (Page 28)

MAXIMUM WEIGHT LIMIT : 10 kg (22 lbs)

Never exceed the maximum weight limit, handling and stability may be severely affected.

- The center compartment may become heated by the engine.
- Do not store valuable or fragile articles.
- Do not direct water under pressure against the center compartment as water will be forced in to the compartment.



(1) Center Compartment

ACCESSORY SOCKET*

(Power Outlet)

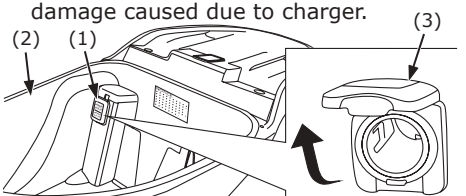
(*Accessory socket is not a part of standard vehicle, it is optional part and will cost extra.)

The "Accessory Socket*" (1) is located inside the "Center Compartment" (2). It enables you to charge your mobile while riding the vehicle. Lift-up the seat (Page-28) to access the accessory socket.

To charge your mobile lift-up the "Socket Cap"(3) & plug the mobile charger to socket.

Note:

- Please follow operation manual of mobile to choose suitable charger.
- Honda will not be responsible for any damage caused due to charger.



(1) Accessory Socket
(2) Center Compartment
(3) Socket Cap

NOTICE

- *Use Accessory socket (Power outlet) only when engine is in running condition.*
- *Do not use product with rated capacity more than 12W (12V,1A) like cigarette lighter, tablets etc, as it may damage the electrical circuit.*
- *Do not wash inside the luggage box directly as it may result in damaging the charging socket. Always use dry cloth to clean inside the luggage box.*

Also follow the instruction given below:

1. Always place the mobile phone on soft surface (cloth/ cushion) to avoid any damage due to road shocks while riding.
2. Do not apply any soap solution, oil or grease inside the socket.
3. Avoid charging the mobile with ignition switch in "ON" condition and engine in "OFF" condition, this will lead to faster discharge of vehicle battery.

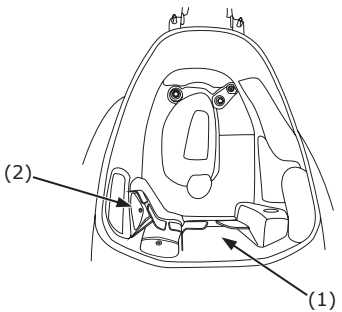
DOCUMENT COMPARTMENT

The "Document Compartment" (1) is located under the seat.

Owner's manual and other documents should be stored in this compartment.

"First Aid Kit" (2) is located in center compartment (page 28).

When washing your vehicle, be careful not to flood this area with water.

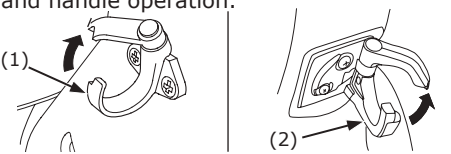


(1) Document Compartment
(2) First Aid Kit

LUGGAGE HOOK

Two "Luggage Hooks" (1) are provided in this vehicle (page 9).

MAXIMUM WEIGHT LIMIT:1.5 kg (3 lbs)
Do not attach large luggage to the hook that would hang out from the vehicle and/or interfere with the movement of your feet and handle operation.



(1) Luggage Hook
(2) Luggage Hook

BODY COVER

Raise:

1. Open the seat (Ref. page 28).
2. Remove the "Bolts A" (1), "Bolts B" (2) and "Screws" (3).
3. Lift-up the "Body Cover" (4) and stand the "Rod" (5).

Installation:

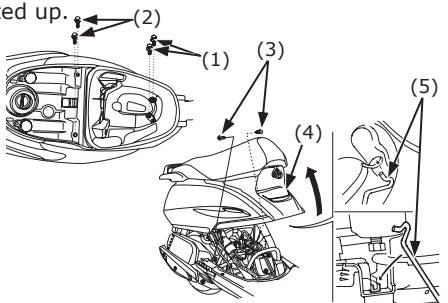
- Installation can be done in the reverse order of removal.

NOTICE

Do not move the scooter by holding it by the rear grip when the body cover lifted up.

Do not sit on the seat when the body cover lifted up.

Place the scooter on its center stand when servicing the scooter with the body cover lifted up.



(1) Bolt A
(2) Bolt B
(3) Screws
(4) Body Cover
(5) Rod

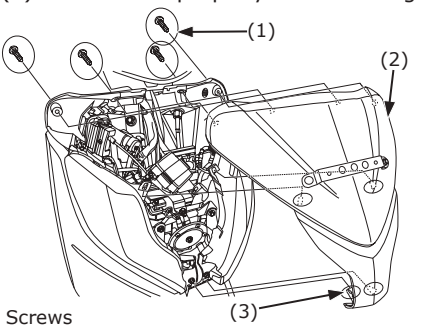
FRONT CENTER COVER

Removal :

1. Remove the "Screws" (1) 4 nos.
2. Carefully remove the "Front Center Cover" (2) by pulling out from lower end then sliding it downwords.

Installation :

- Installation can be done in the reverse order of removal. Ensure "Snap Clips" (3) should be in properly seated on lugs.



(1) Screws
(2) Front Center Cover
(3) Snap Clips

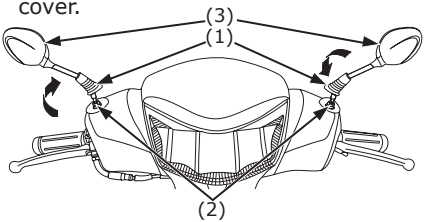
REARVIEW MIRROR

Removal:

1. Pull the "Dust Cover" (1).
2. Loosen "Lock Nut" (2) until it will no longer turn.
3. Loosen "Rear View Mirror" (3) and remove it.

Installation :

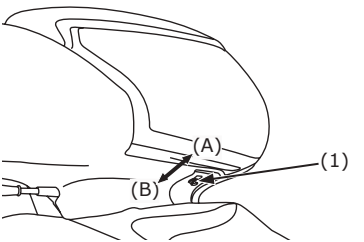
1. Install the right side rear view mirror clockwise, left side rear view mirror anticlockwise until it will no longer turn.
2. Loosen rear view mirror approximately 2 turns.
3. Adjust the rear view mirror.
4. Tighten the lock nut and re-adjust dust cover.



(1) Dust Cover (2) Lock Nut
(3) Rear View Mirror

HEADLIGHT AIM VERTICAL ADJUSTMENT

Vertical adjustment can be made by loosening the "Bolts" (1) and moving in or out as necessary.
(Obey local laws and regulations.)



(1) Bolt
(A) Up
(B) Down

OPERATION

PRE-RIDE INSPECTION

For your safety, it is very important to take a few moments before each ride to walk around your vehicle and check its condition. If you detect any problem, be sure you take care of it, or have it corrected by your Honda dealer.

⚠ WARNING

Improperly maintaining this vehicle or failing to correct a problem before riding can cause a crash in which you can be seriously hurt or killed.

Always perform a pre-ride inspection before every ride and correct any problem.

1. Engine oil level - add engine oil if required (Page 21). Check for leaks.
2. Fuel level-fill fuel tank when necessary (Page 20). Check for leaks.
3. Front brake and combi brake - check for wear and operations, if necessary, adjust freeplay (Pages 17–19).
4. Brake Fluid (in case of disc) - check brake fluid lavel (page 17).
5. Tyres – check condition and pressure (Pages 22–24).
6. Throttle–check for smooth opening and full closing in all steering positions.
7. Lights and horn–check that headlight, position light, tail/brake light, turn signals, indicators and horn are functioning properly.

STARTING THE ENGINE

This vehicle has an automatic fuel cock.

Engine can be started using:

(1) Electric starter

(2) Kick starter

To protect the catalytic converter in your vehicle's exhaust system, avoid extending idling and the use of leaded petrol.

Your vehicle's exhaust contains poisonous carbon monoxide gas. High levels of carbon monoxide can collect rapidly in enclosed areas such as a garage. Do not run the engine with garage door closed. Even with the door open run the engine only long enough to move your vehicle out of the garage.

⚠ CAUTION

Contact with the spinning rear wheel can hurt.

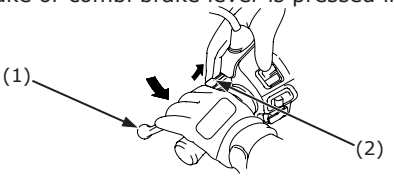
Set the parking brake when the vehicle is on its center stand.

Starting Procedure

Always follow the proper starting procedure described below.

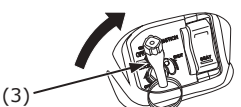
1. Place the vehicle on its center stand.
2. Lock the rear wheel by pressing the "Combi Brake Lever" (1) and setting the "Brake Lock Lever" (2).

The electric starter will work when the front brake or combi brake lever is pressed in.



(1) Combi Brake Lever
(2) Brake Lock Lever

3. Turn the "Ignition Switch" (3) to ON.

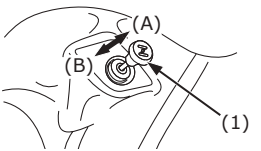


(3) Ignition Switch

To restart a warm engine, follow the procedure for "High Air Temperature."

Normal Air Temperature (10°C to 35°C):

1. Pull the "Choke Knob" (1) out all the way to "Fully ON" (A), if the engine is cold.



(1) Choke Knob
(A) Fully ON
(B) Fully OFF

2. **a <Using the electric starter>**
   With the throttle closed, press the starter button.
   b <Using the kickstarter pedal>
   Lightly depress the kickstarter until resistance is felt. Then let kickstarter return to the top of its stroke. With the throttle closed, operate the kickstarter.
3. Immediately after the engine starts, operate the choke knob to keep fast idle.
4. About 15 seconds after the engine starts, move the choke knob in all the way to "Fully OFF" (B).

5. If idling is unstable, open the throttle slightly.

High Air Temperature (35ºC or Above):

1. Do not use the choke.
2. **a <Using the electric starter>**
   With the throttle closed, press the starter button.
   b <Using the kickstarter pedal>
   Lightly depress the kickstarter until resistance is felt. Then let kickstarter return to the top of its stroke. With the throttle closed, operate the kickstarter.
   Kick from the top of the stroke through to the bottom with a rapid, continuous motion. Allowing the kickstarter to snap back freely against the pedal stop can damage the engine case.

Low Air Temperature (10ºC or below):

1. Follow **Step 1 & 2** from "Normal Air Temperature".
2. When engine speed begins to pick up, operate the choke knob to keep fast idle.
3. Continue warming up the engine until it runs smoothly and responds to the throttle when the choke knob is at fully OFF.

NOTE:

If you are not able to start the engine with throttle closed, then slightly open the throttle start again.

Do not use the electric starter for more than 5 seconds at a time. Release the starter button for approximately 10 seconds before pressing it again.

Operate the kickstarter or starter button for slightly longer than usual without opening the throttle if the vehicle has been left standing for a long time or when the fuel tank has been just refilled.

NOTICE

Extended use of the choke may impair piston and cylinder wall lubrication and damage the engine.
Do not "BLIP" the throttle (open and close rapidly) as the vehicle will move forward suddenly, causing possible loss of control.
Do not leave the vehicle unattended while the engine is warming up.

RUNNING-IN

Help assure your vehicle's future reliability and performance by paying extra attention to how you ride during the first 500 km.

During this period, avoid full-throttle starts and rapid acceleration.

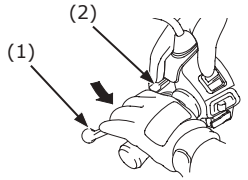
RIDING

Review Vehicle Safety (Pages 3–7) before you ride.

Make sure flammable material such as dry grass or leaves do not come in contact with the exhaust system when riding, idling, or parking your vehicle.

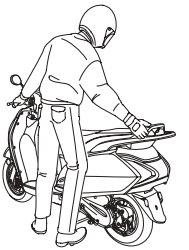
1. **Make sure the throttle is closed and the combi brake lever is locked** before moving the vehicle off the center stand.

   The rear wheel must be locked when moving the vehicle off the center stand or loss of control may result.



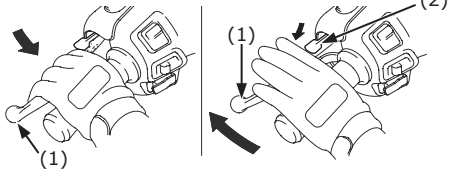
(1) Combi Brake Lever
(2) Brake Lock Lever

2. **Stand on the left side of the vehicle** and push it forward and off the center stand.



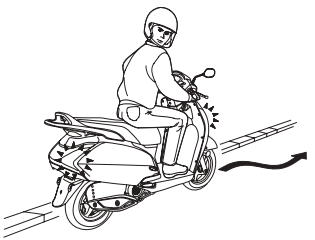
3. **Mount the vehicle from the left side** keeping at least one foot on the ground to steady the vehicle.

4. **Unlock the rear wheel** by releasing the combi brake lever.



(1) Combi Brake Lever
(2) Brake Lock Lever

5. **Before starting off**, indicate your direction with the turn signals, and check for safe traffic conditions.



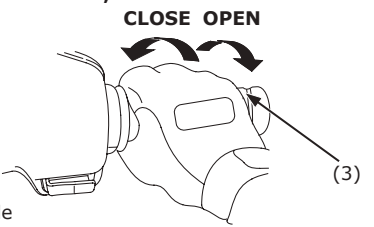
Grasp the handlebars firmly with both hands.

Never attempt one-handed operation; loss of vehicle control could result.

6. **To accelerate,** open the throttle (3) gradually; the vehicle will move forward.

   Do not "BLIP" the throttle (open and close rapidly) as the vehicle will move forward suddenly, causing possible loss of control.

7. **To decelerate,** close throttle.



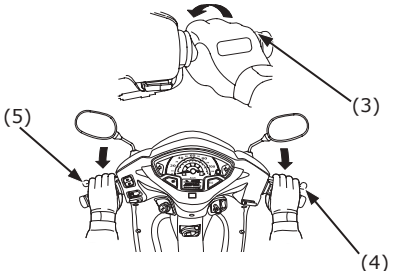
(3) Throttle

8. **When slowing down the vehicle** coordination of the throttle (3) and front and combi brakes is most important.

   Both front and rear brakes should be applied together. Independent use of only the front or rear brake reduces stopping performance.

Excessive brake application may cause either wheels to lock, or loss of control on vehicle.

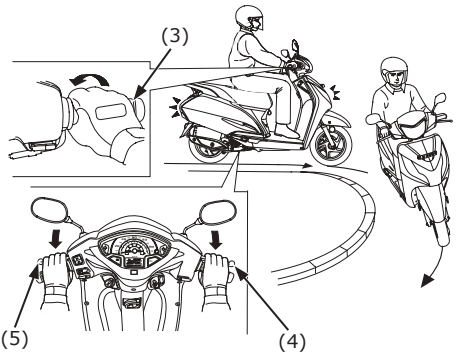
Do not accelerate while applying brakes this may result severe damage the related parts



(3) Throttle
(4) Front Brake Lever
(5) Combi Brake Lever

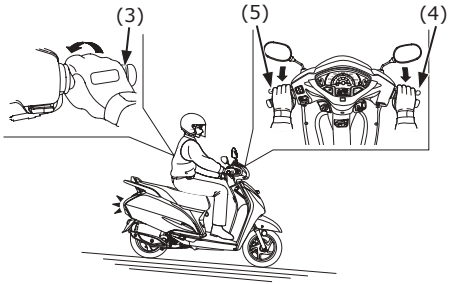
9. **When approaching a corner or turn,** close the throttle fully, and slow the vehicle down by applying both front and combi brakes at the same time.

10. **After completing the turn,** open the throttle gradually to accelerate the vehicle.



(3) Throttle
(4) Front Brake Lever
(5) Combi Brake Lever

11. **When descending a steep grade,** close the throttle fully and apply both brakes to slow the vehicle.



(3) Throttle
(4) Front Brake Lever
(5) Combi Brake Lever

Avoid continuous use of the brakes, which may result in overheating and reduction of braking efficiency.

12. **When riding on wet or loose surfaces,** special caution should be taken.

When riding in wet or rainy conditions or on loose surface, the ability to controlled movement and stop will be reduced. For your safety:

- Exercise extreme caution when braking, accelerating or turning.
- Ride at slower speeds and allow for extra stopping distance.
- Keep the vehicle as upright as possible.
- Use extreme caution when riding over slippery surfaces such as railroad tracks, iron plates, manhole covers, painted lines, etc.

PARKING

1. After stopping the vehicle turn the ignition switch to the "OFF" position and remove the key.
2. Use the center stand to support the vehicle while parked.

Park the vehicle on firm, level ground to prevent it from falling over.

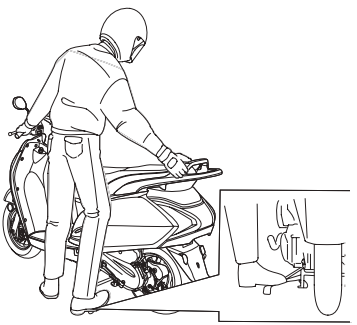
You must park on a slight incline, aim the front of the vehicle uphill to reduce the possibility of rolling off the center stand or overturning.

3. Lock the steering to help prevent theft, turn the ignition switch to the "Lock" position and remove the key. (Ref. page 27).

The exhaust pipe and muffler become very hot during operation and remain sufficiently hot to inflict burns if touched even after shutting off the engine.

Make sure flammable material such as dry grass or leaves do not come in contact with the exhaust system when parking your vehicle.

HOW TO USE CENTER STAND



MAINTENANCE

THE IMPORTANCE OF MAINTENANCE

A well-maintained vehicle is essential for safe, economical and trouble-free riding. It will also help reduce air pollution.

To help you proper care for your vehicle, the following pages include a Maintenance Schedule and a Maintenance Record (Ref. page 44 to 45) for regular scheduled maintenance.

These instructions are based on the assumption that the vehicle will be used exclusively for its designed purpose. Sustained high speed operation or operation in unusually wet or dusty conditions will require more frequent service than specified in the Maintenance Schedule. Consult your Honda dealer for recommendations applicable to your individual needs and use.

If your vehicle overturns or becomes involved in a crash, be sure your Honda dealer inspects all major parts, even if you are able to make some repairs.

⚠ WARNING

Improperly maintaining this vehicle or failing to correct a problem before you ride can cause a crash in which you can be seriously hurt or killed.

Always follow the inspection and maintenance recommendations and schedule in this owner's manual.

MAINTENANCE SAFETY

This section includes instructions on some important maintenance tasks. You can perform some of these tasks with the tools provided – if you have basic mechanical skills.

Other tasks that are more difficult and require special tools are best performed by professionals. Wheel removal should normally be handled only by a Honda technician or other qualified mechanic; instructions are included in this manual only to assist in emergency service.

Followings are some of the most important safety precautions. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

⚠ WARNING

Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed.

Always follow the procedure and precautions in this owner's manual.

SAFETY PRECAUTIONS

- Make sure the engine is off before you begin any maintenance or repairs. This will help eliminate several potential hazards:
- **Carbon monoxide poisoning from engine exhaust.**
  Be sure there is adequate ventilation whenever you operate the engine.
- **Burns from hot parts.**
  Let the engine and exhaust system cool before touching.

- **Injury from moving parts.**

  Do not run the engine unless instructed to do so.

  Read the instructions before you begin, and make sure you have the tools and skills required.

  To help prevent the vehicle from falling over, park it on a firm, level surface, using the center stand to provide support.
- Be sure the rear brake lock is set before running the engine while the vehicle is supported by the center stand. This will prevent the rear wheel from spinning and avoid the possibility of someone being injured from contacting the wheel.
- To reduce the possibility of a fire or explosion be careful when working around petrol or batteries. Use only nonflammable solvent, not petrol, to clean parts. Keep cigarettes, sparks and flames away from the battery and all fuel-related parts.

  Remember that your Honda dealer knows your vehicle best and is fully equipped to maintain and repair it.

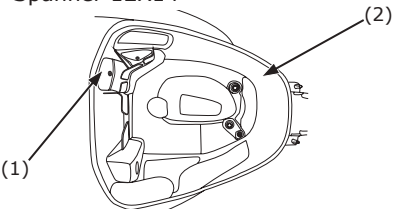
  To ensure the best quality and reliability use only new genuine Honda parts or their equivalents for repair and replacement.

TOOL KIT

The "Tool Kit" (1) is located in the "Center Compartment" (2).

Some road side repairs, minor adjustments and parts replacement can be performed with the tools contained in the kit.

- Driver screw (No.2 +/-)
- Grip
- Wrench plug (16)
- Spanner 12X14



(1) Tool Kit
(2) Center Compartment

MAINTENANCE SCHEDULE

Perform the pre-ride Inspection (Ref. page 32) at each scheduled maintenance period.

I:INSPECT AND CLEAN, ADJUST, LUBRICATE OR REPLACE IF NECESSARY

C:CLEAN R:REPLACE A:ADJUST L:LUBRICATE.

The following items require some mechanical knowledge. Certain item (particularly those marked * and **) may require more technical information and tools. Consult your Honda dealer.

* Should be serviced by your Honda dealer, unless the owner has the proper tools and service data and is mechanically qualified. Refer to the Official Honda Shop Manual.

** In the interest of safety, we recommend these items be serviced only by your Honda dealer.

Honda recommends that your Honda dealer should road test your vehicle after each periodic maintenance is carried out.

NOTES: (1) At higher odometer reading, repeat at the frequency interval established here.

(2) Service more frequently when riding in unusually wet or dusty areas.

(3) Service more frequently when riding in rain or at full throttle.

(4) Replacement requires mechanical skill.

	FREQUENCY / ITEM	NOTE	PRE-RIDE CHECK	ODOMETER READING (NOTE 1)								ANNUAL CHECK	REGULAR REPLACE	REFER TO PAGE
				X1000KM	1	4	8	12	16	20	24			
				X1000MI	0.6	2.5	5	7.5	10	12.5	15			
				MONTHS	1	4	8	12	16	20	24			
*	FUEL LINE					I	I	I	I	I	I	I		-
	FUEL LEVEL		I											-
*	THROTTLE OPERATION		I			I	I	I	I	I	I	I		-
*	CHOKE OPERATION					I	I	I	I	I	I	I		-
*	AIR CLEANER	(NOTE 2)							R					46
	CRANKCASE BREATHER	(NOTE 3)				C	C	C	C	C	C	C		48
	SPARK PLUG					I	R	I	R	I	R			52
*	VALVE CLEARANCE				I	I	I	I	I	I	I			-
	ENGINE OIL		I		R	R	R	R	R	R	R	R		49
	ENGINE OIL STRAINER SCREEN				C			C			C			51
*	ENGINE IDLE SPEED				I	I	I	I	I	I	I	I		53
*	SECONDARY AIR SUPPLY SYSTEM							I			I	I		47
*	SECONDARY AIR SUPPLY SYSTEM AIR FILTER	(NOTE 2)						C			C			47
*	DRIVE BELT						I		I		R			-

The vehicle must be serviced at every 4000 kms or within 4 months whichever is earlier from the date of previous service. For NOTES refer page 43.

	ITEM \ FREQUENCY	NOTE	PRE-RIDE CHECK	ODOMETER READING (NOTE 1)							ANNUAL CHECK	REGULAR REPLACE	REFER TO PAGE
				X1000KM	1	4	8	12	16	20	24			
				X1000MI	0.6	2.5	5	7.5	10	12.5	15			
				MONTHS	1	4	8	12	16	20	24			
*	FINAL DRIVE OIL	(NOTE 4)									R		2 YEARS	-
	BRAKE FLUID (For only Disc)	(NOTE 4)	I			I	I	I	I	I	I	I	2 YEARS	17
	BRAKE SHOES WEAR (For only Drum)		I			I	I	I	I	I	I	I		58
	BRAKE SHOES/PADS WEAR (For only Disc)		I			I	I	I	I	I	I	I		57
	BRAKE SYSTEM		I		I	I	I	I	I	I	I	I		17-19
*	BRAKE LOCK OPERATION				I	I	I	I	I	I	I			-
	BATTERY VOLTAGE		I		I	I	I	I	I	I	I	I		-
	HEADLIGHT AIM					I	I	I	I	I	I	I		32
	LIGHTS/HORN		I			I	I	I	I	I	I	I		-
**	CLUTCH SHOES WEAR						I		I		I			-
*	SUSPENSION					I	I	I	I	I	I	I		-
*	NUTS, BOLTS, FASTENERS				I		I		I		I	I		-
**	WHEELS/TIRES		I			I	I	I	I	I	I	I		22,54
**	STEERING HEAD BEARINGS				I			I			I	I		-

The vehicle must be serviced at every 4000 kms or within 4 months whichever is earlier from the date of previous service. For NOTES refer page 43.

COLOR CODE

The color table is attached below.

It is useful during ordering the replacement parts.

S.No.	Color	Color Code
1.	Black	NH-1
2.	Pearl Amazing White	NH-B63P
3.	Rebel Red Metallic	R-329M
4.	Midnight Blue Metallic	PB-375M
5.	Mat Crust Metallic	YR-343M
6.	Mat Selene Silver Metallic	NH-B60M

The above color code table helps in providing the correct color part as per your vehicle color.

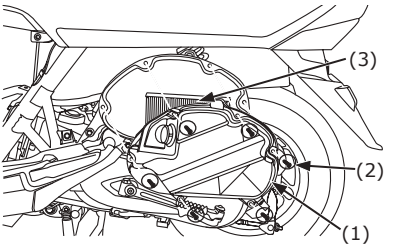
AIR CLEANER

Refer to the Safety Precautions on page 41.

The air cleaner element should be replaced at regular intervals (Ref. page 44).

Replace more frequently when riding in unusually wet or dusty areas.

1. Lift-up the body cover (page 30).
2. Remove the "Air Cleaner Cover" (1) by removing the "Screws" (2) - 6 nos.
3. Remove the "Air Cleaner" (3).



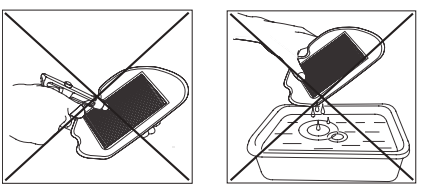
(1) Air Cleaner Cover
(2) Screws
(3) Air Cleaner

4. Viscous type air filters should be replaced regularly. Do not reuse it by cleaning with solvent to remove dust. The special oil will be lost and filter becomes dry. As the base filter paper is coarse, it cannot block fine dust when it becomes dry.

5. Replace the air cleaner element if it is excessively dirty, torn or damage. Use the Honda genuine air cleaner element or an equivalent air cleaner element specified for your model. Using the wrong Honda air cleaner element or a non-Honda air cleaner element which is not of equivalent quality may cause premature engine wear or performance problems.
6. Install the removed parts in the reverse order of removal.

⚠ CAUTION

Do not clean air cleaner element. Replacement to be done at regular intervals.



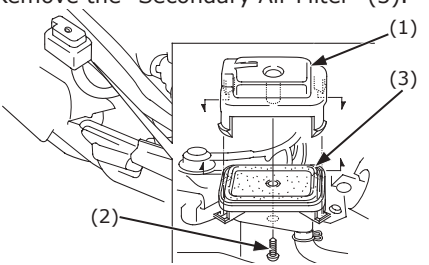
SECONDARY AIR SUPPLY SYSTEM

Refer to the Safety Precautions on page 41.

Secondary Air filter cleaning

The air filter should be serviced at regular intervals (Ref. page 44). Service more frequently when riding in unusually wet or dusty areas.

1. Lift-up the body cover (page 30).
2. Remove the "Air Filter Housing Cover" (1) by removing the "Screw" (2).
3. Remove the "Secondary Air Filter" (3).



(1) Air Filter Housing Cover
(2) Screw
(3) Secondary Air Filter

4. Wash the air filter in clean, nonflammable or high flash point solvent and let it dry thoroughly.

Never use gasoline or low flash point solvents for cleaning the secondary air filter. A fire or explosion could result.

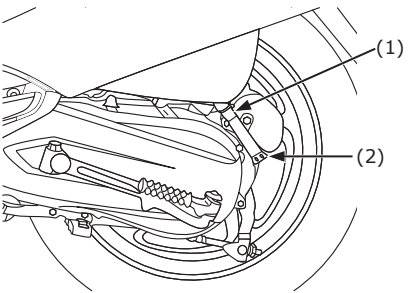
5. Soak the air-cleaner in engine oil (SAE 10W-30) until saturated, then squeeze out the excess oil.
6. Install the removed parts in the reverse order of removal.

CRANKCASE BREATHER

Refer to the Safety Precautions on Page 41.

1. Open the "Clamp" (1) and remove "Crankcase Breather Tube" (2) from the air cleaner and drain deposits into a suitable container .
2. Periodically clean up breather oil from breather tube.
3. Reinstall the crankcase breather tube.

Service more frequently when riding in rain, at full throttle, or after the vehicle is washed or overturned. Service if the deposit level can be seen in the transparent section of the drain tube.



(1) Clamp
(2) Crankcase Breather Tube

ENGINE OIL

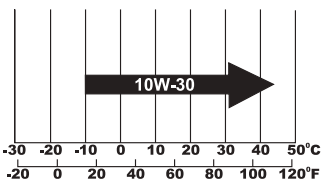
Refer to the Safety Precautions on page 41.

Engine Oil

Good engine oil has many desirable qualities. Use only high detergent, quality motor oil certified on the container to meet or exceed requirements for API Service Classification SJ.

Viscosity:

Viscosity grade of engine oil should be based on average atmospheric temperature in your riding area. The following provides a guide to the selection of the proper grade or viscosity of oil to be used at various atmospheric temperatures.



ENGINE OIL

Engine oil quality is the chief factor affecting engine service life. Change the engine oil as specified in the maintenance schedule (Ref. page 44).

When running in very dusty conditions, oil changes should be performed more frequently than specified in the maintenance schedule.

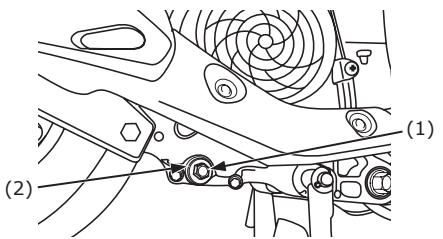
Please dispose off used engine oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local recycling center or service station for reclamation. Do not throw it in the trash or pour it on the ground or down a drain.

Used engine oil may cause skin cancer if repeatedly left in contact with the skin for prolonged periods. Although this is unlikely unless you handle used oil on a daily basis, it is still advisable to thoroughly wash your hands with soap and water as soon as possible after handling used oil.

If a torque wrench is not used for this installation, see your Honda dealer as soon as possible to verify proper assembly.

Change the engine oil from the engine at normal operating temperature and the vehicle on its center stand to assure complete and rapid draining.

1. Start the engine and let it idle for 3-5 minutes.
2. Stop the engine. Turn the ignition off and to be on safer side remove the ignition key from ignition switch.
3. Place an oil drain pan under the crankcase. Remove the oil filler cap/dipstick, "Oil Drain Bolt" (1) and "Sealing Washer" (2).



(1) Oil Drain Bolt
(2) Sealing Washer

4. After the engine oil has been drained out hold the vehicle upright for 10-15 seconds to assure complete draining.
5. Operate the kickstarter several times to aid in complete draining of the remaining oil.
6. Check that the sealing washer on the drain bolt is in good condition and install the bolt. Replace the sealing washer every other time the oil is changed, or each time if necessary.

   Oil Drain Bolt Torque:

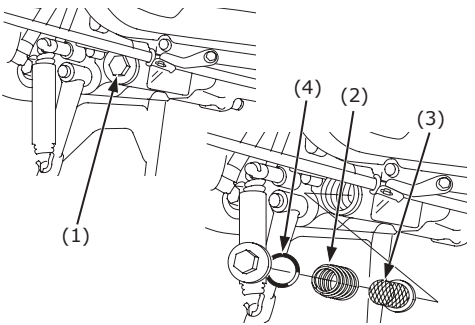
   24 N.m (2.5 kgf.m, 18 Ibf.ft)
7. Fill the crankcase with recommended grade oil;

   0.7 L (0.7 US qt, 0.6 Imp qt)
8. Reinstall the oil filler cap/dipstick.
9. Start the engine and let it idle for 3-5 minutes.
10. Stop the engine and wait 2-3 minutes. Check that the oil level is at the upper level mark on the dipstick with the vehicle upright on firm, level ground.

    Make sure there are no oil leaks.

ENGINE OIL STRAINER SCREEN

1. To drain the oil, remove the oil filler cap/ dipstick, oil drain bolt and sealing washer (Ref. page 50).
2. Remove the "Oil Strainer Screen Cap" (1), "Spring" (2), "Oil Strainer Screen" (3) and "O-ring" (4).



(1) Oil Strainer Screen Cap
(2) Spring
(3) Oil Strainer Screen
(4) O-ring

3. Clean the oil strainer screen.
4. Check that the oil strainer screen, sealing rubber and O-ring are in good condition.
5. Install the oil strainer screen spring, O-ring and oil strainer screen cap.

   Oil Strainer Screen Cap Torque:

   20 N.m (2.0 kgf.m, 14 Ibf.ft)
6. Fill the crankcase with the recommended grade oil;

   0.8 L (0.8 US qt, 0.7 Imp qt)
7. Reinstall the oil filler cap/dipstick.
8. Start the engine and let it idle for 3-5 minutes.
9. Stop the engine and wait for 2-3 minutes. Check that the oil level is at the upper level mark on the oil filler cap/dipstick with the vehicle upright on firm, level ground. Make sure that there are no oil leaks.

SPARK PLUG

Refer to the Safety Precautions on page 41.

Recommended spark plug for standard performance:

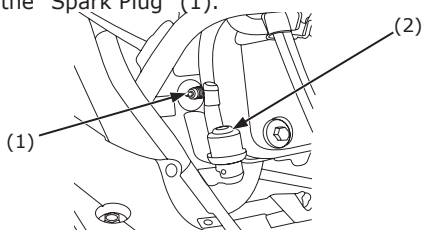
Standard:

MR7C-9N (NGK)
(Part No. 31917-KWP-D01)

NOTICE

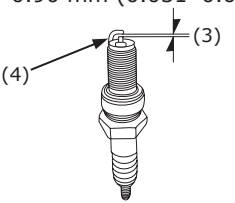
Never use a spark plug with an improper heat range. Severe engine damage could result.

1. Lift-up the body cover (page 30).
2. Disconnect the "Spark Plug Cap" (2) from the "Spark Plug" (1).



(1) Spark Plug
(2) Spark Plug Cap

3. Clean any dirt from around the spark plug base.
4. Remove the spark plug using the spark plug wrench furnished in the tool kit.
5. Inspect the electrodes and center porcelain for deposits, erosion or carbon fouling. If the erosion or deposit is heavy, replace the plug. Clean a carbon or wet fouled plug with a plug cleaner, otherwise use a wire brush.
6. Check the "Spark Plug Gap" (3) using a wire gauge. If adjustment is necessary, bend the "Side Electrode" (4) carefully. The gap should be:
   0.80–0.90 mm (0.031–0.035 in)



(3) Spark Plug Gap
(4) Side Electrode

7. With the plug washer attached thread the spark plug in by hand prevent cross-threading.
8. Tighten the spark plug:
   - If the old plug is good
     1/8 turn after it seats.
   - If installing a new plug, tighten it twice to prevent loosening:
     a) First tighten the plug:
        NGK:3/4 turn after it seats.
     b) Then loosen the plug.
     c) Next, tighten the plug again:
        1/8 turn after it seats.

NOTICE

Improperly tightened of spark plug may damage the engine.

9. Reinstall the spark plug cap.

ENGINE IDLE RPM

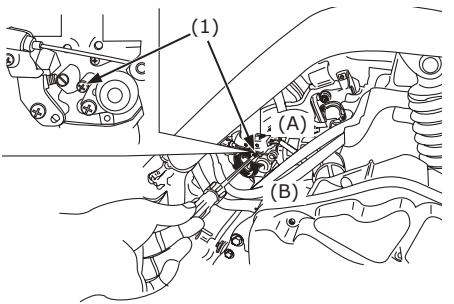
Refer to the Safety Precautions on page 41.

The engine must be at normal operating temperature for accurate idle speed adjustment. Ten minutes of stop-and-go riding is sufficient.

1. Warm up the engine, and place the vehicle on its center stand.
2. Lift-up the body cover (page 30).
3. Connect a tachometer to the engine.
4. Adjust idle speed with the "Throttle Stop Screw" (1).

   Idle speed (In neutral) :

   1,700 ± 100 rev. min^{-1} (rpm)



(1) Throttle Stop Screw
(A) Increase
(B) Decrease

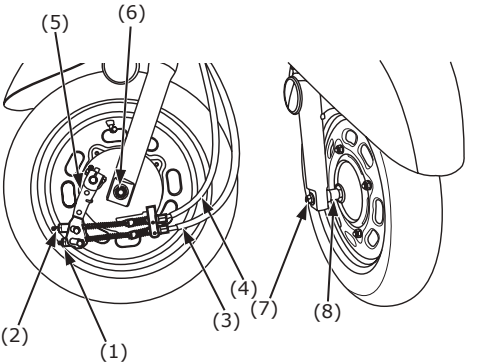
WHEEL REMOVAL

Refer to the Safety Precautions on Page 41.

Front Wheel Removal

Incase of Drum

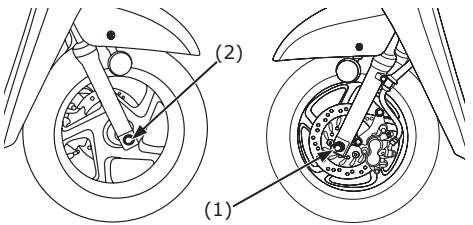
1. Place the vehicle on its center stand.
2. Raise the front wheel off the ground by pressing from rear side.
3. Remove the "Combi Brake Adjusting Nut" (1) and "Front Brake Adjusting Nut" (2).
4. Remove the "Combi Brake Cable" (3) and "Front Brake Cable" (4) from the "Brake Arm" (5).
5. Remove the "Front Axle Nut" (6).
6. Remove the "Front Axle Shaft" (7), "Collar" (8) and the wheel.



(1) Combi Brake Adjusting Nut
(2) Front Brake Adjusting Nut
(3) Combi Brake Cable
(4) Front Brake Cable
(5) Brake Arm
(6) Front Axle Nut
(7) Front Axle Shaft
(8) Collar

Incase of Disc

1. Place the vehicle on its center stand.
2. Raise the front wheel off the ground by pressing from rear side.
3. Remove the "Front Axle Nut" (1).
4. Remove the "Front Axle" (2) and the wheel.
   Do not depress the brake lever when the wheel is off the scooter. The caliper piston will be forced out of the cylinder with subsequent loss of brake fluid. If this occurs, servicing of the brake system will be necessary. See your Honda dealer for this service.

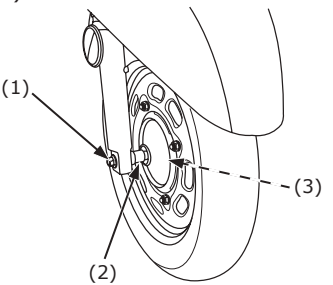


(1) Front Axle Nut
(2) Front Axle

Front Wheel Installation

Incase of Drum

1. Position the wheel between the fork legs and insert the "Front Axle Shaft" (1) from the left side through the fork legs aligning "Collar" (2) and "Wheel Hub" (3).



(1) Front Axle Shaft
(2) Collar
(3) Wheel Hub

2. Tighten the front axle nut to the specified torque.

   56 N.m (5.7 kgf.m, 41 Ibf. ft)

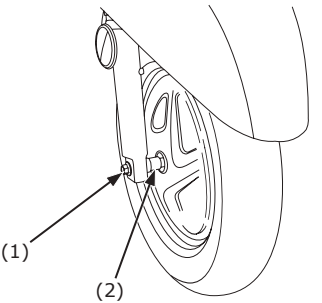
3. Install the combi brake cable and front brake cable in to the brake arm with the help of adjusting nuts.
4. Adjust the brake (page 17 - 19).
5. After installing the wheel, apply the brake several times and then check if the wheel rotates freely. Recheck the wheel if the brake drags or if the wheel does not rotate freely.

NOTICE

If a torque wrench was not used for wheel installation, see your Honda dealer as soon as possible to verify proper assembly. Improper assembly may lead to loss of braking capacity.

Incase of Disc

1. Position the wheel between the fork legs and insert the "Front Axle Shaft" (1) from the left side, through the left fork leg and "Coller" (2).



(1) Front Axle Shaft
(2) Collar

2. Tighten the front axle nut to the specified torque.

   56 N.m (5.7 kgf.m, 41 Ibf. ft)

3. After installing the wheel, apply the brake several times and then check if the wheel rotates freely. Recheck the wheel if the brake drags or if the wheel does not rotate freely.

NOTICE

If a torque wrench was not used for Installation, see your Honda dealer as soon as possible to verify proper assembly. Improper assembly may lead to loss of braking capacity.

Rear Wheel Removal

1. Place the scooter on its center stand.
2. Hold the rear wheel by applying rear brake and remove the rear axle nut.
3. Remove the rear wheel.
4. Installation is in the reverse order of removal.
   Tighten the rear axle nut to the specified torque.

   118 N.m (12.0 kgf.m, 87 Ibf. ft)

BRAKE PAD WEAR (for disc)

Refer to Safety Precautions on page 41.

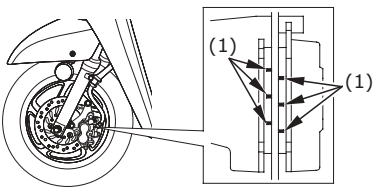
Brake pad wear depends upon the severity of usage, the type of riding, and road conditions. (Generally, the pads will wear faster on wet and dirty roads.)

Inspect the pads at every regular maintenance interval.

Check the "Wear Indicator Grooves" (1) in each pad.

If either pad is worn to the bottom of the grooves, replace both pads as a set. See your Honda dealer for this service.

Front Brake



(1) Wear Indicator Grooves

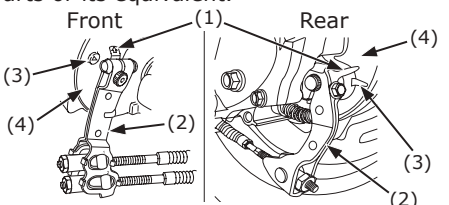
BRAKE SHOE WEAR (for drum)

Refer to the Safety Precautions on page 41.

The front and rear brakes are equipped with brake wear indicators.

When the brake is applied, an "Arrow Mark" (1) attached to the "Brake Arm" (2) moves toward a "Reference Mark" (3) on the "Brake Panel" (4). If the arrow aligns with the reference mark on full application of the brake, the brake shoes must be replaced. See your Honda dealer for this service.

When the brake service is necessary, see your Honda dealer. Use only genuine Honda parts or its equivalent.



(1) Arrow Mark
(2) Brake Arm
(3) Reference Mark
(4) Brake Panel

BATTERY

Refer to the safety precautions on page 41.

It is not necessary to check the battery electrolyte level or add distilled water as the battery is a maintenance-free (sealed) type. If your battery seems weak and/or is leaking electrolyte (causing hard starting or other electrical troubles), contact your Honda dealer or battery manufacturer.

NOTICE

Your battery is maintenance-free type and can be permanently damaged if the cap strip is removed.

This symbol on the battery means that this product must not be treated as household waste.

NOTICE

Battery contains lead, which is a hazardous material and if improperly disposed, can be harmful to the environment and human health.

Always return the used maintenance-free battery to the Honda dealer.

⚠ WARNING

The battery gives off explosive hydrogen gas during normal operation.

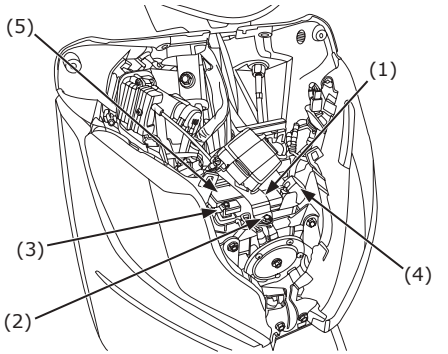
A spark or flame can cause the battery to explode with enough force to kill or seriously hurt you.

Wear protective clothing and a face shield or have a skilled mechanic do the battery maintenance.

KEEP CHILDREN AWAY FROM THE BATTERY.

BATTERY REMOVAL

1. Turn the ignition switch OFF.
2. Remove the front center cover (Ref. page 31).
3. Disconnect the "Negative (–) Terminal Lead" (3) from the battery first, then disconnect the "Positive (+) Terminal Lead" (4).
4. Remove "Battery Band" (1) by removing "Bolt" (2).
5. Remove the "Battery" (5).
6. Installation is in reverse order of removal.



(1) Battery Band
(2) Bolt
(3) Negative (–) Terminal Lead
(4) Positive (+) Terminal Lead
(5) Battery

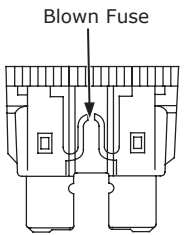
FUSE REPLACEMENT

Refer to the Safety Precautions on page 41.

When frequent fuse failure occurs, it usually indicates a short circuit or an overload in the electrical system. See your Honda dealer for repair.

NOTICE

Never use a fuse with a different rating from that specified. Serious damage to the electrical system or a fire may result, causing a dangerous loss of lights or engine power.



Fuse Holder:

The "Fuse Box" (1) is located near the battery. The specified fuse is:

Main fuse 15A

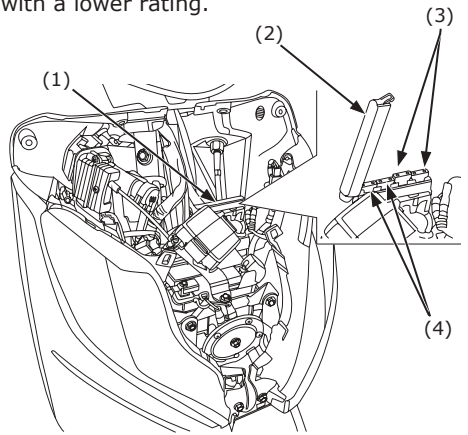
Sub fuse 10A

Removal

1. Turn the ignition switch OFF before checking or replacing the fuses to prevent an accidental short-circuit.
2. Remove the front center cover (Ref. page 31).
3. Open the "Fuse Box Cover" (2) and lift out the "Fuse" (3) from the fuse box. If fuse blown, install a new fuse.
4. The "Spare Fuse" (4) is located in the fuse box.

   Install the fuse properly. A loose fuse could cause damage to the electrical system and even cause a fire.
5. Close the fuse box cover properly, after replacing the fuse.
6. Install the front center cover.

If you do not have a replacement fuse with the proper rating for the circuit, install one with a lower rating.



(1) Fuse Box
(2) Fuse Box Cover
(3) Fuse
(4) Spare Fuse

NOTICE

Replacing a fuse with one that has a higher rating greatly increases the chance of damage to the electrical system.

If the replacement fuse of the same rating burns out in a short time, there is probably a serious electrical problem on your vehicle. Leave the blown fuse in that circuit and have your vehicle checked by your Honda dealer.

BULB REPLACEMENT

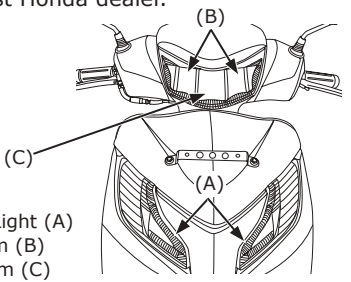
Refer to the Safety Precautions on page 41.

The light bulb becomes very hot while the light is ON, and remain hot for a while after it is turned OFF. Be sure to let it cool down before servicing.

- Be sure to turn the ignition switch OFF when replacing the bulb.
- Do not use bulbs other than those specified.
- After installing a new bulb, check that the light operates properly.

LED Headlight

This vehicle is equipped with LED Headlight. If there is LED which is not turned ON, visit your nearest Honda dealer.

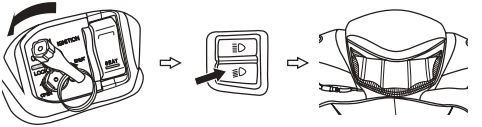


(1) Position Light (A)
(2) Low Beam (B)
(3) High Beam (C)

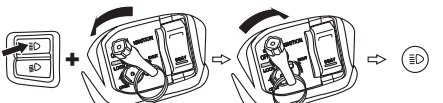
Switch Position	Light	Glows
Ignition ON	Position Light	A
Engine ON	Low Beam	A & B
	High Beam	A,B & C

Headlight Characteristics

If dimmer switch is operated from "High" to "Low" within 3 seconds from ignition switch OFF, Low-beam will instantly flashes only one time.

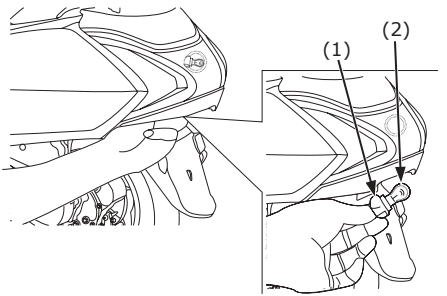


If ignition switch is turned "ON" within 3 seconds after ignition switch "OFF" with dimmer switch is "High" position, Hi-beam indicator will instantly flashes one time.



Stop/Tail Light Bulb

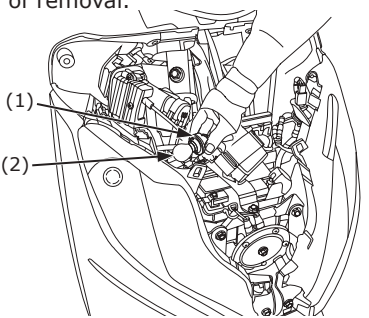
1. Insert hand from body cover rear side, above rear fender area and remove "Stop/Tail Light Bulb Holder" (1) by turning counterclockwise.
2. Remove the "Bulb" (2) from bulb holder by pressing in and turning counterclockwise.
3. Install a new bulb in the reverse order of removal.



(1) Stop/Tail Light Bulb Holder
(2) Bulb

Front Turn Signal Bulb

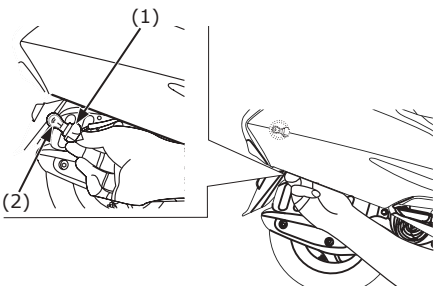
1. Remove the front center cover (Ref. page 31).
2. Remove the "Turn Signal Bulb Holder" (1) by turning counterclockwise.
3. Remove the "Bulb" (2) from bulb holder by pressing in and turning counter clockwise.
4. Install a new bulb in the reverse order of removal.



(1) Turn Signal Bulb Holder
(2) Bulb

Rear Turn Signal Bulb

1. Insert hand from body cover rear side, above rear fender area and remove "Turn Signal Bulb Holder" (1) by turning counterclockwise.
2. Remove the "Bulb" (2) from bulb holder by pressing in and turning counter clockwise.
3. Install a new bulb in the reverse order of removal.



(1) Turn Signal Bulb Holder
(2) Bulb

CLEANING

Clean your vehicle regularly to protect the surface finishes and inspect for damage, wear, and oil leakage.

Avoid cleaning products that are not specifically designed for vehicle or automobile surfaces.

They may contain harsh detergents or chemical solvents that could damage the metal, paint, and plastic on your vehicle.

If your vehicle is still warm from recent operation, give the engine and exhaust system time to cool off.

We recommend avoiding the use of high pressure water spray (typical in coin operated car washes).

NOTICE

High pressure water (or air) can damage certain parts of the vehicles.

Washing the vehicle

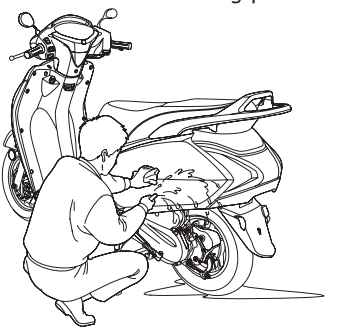
1. Rinse the vehicle thoroughly with cool water to remove loose dirt.
2. Clean the vehicle with a sponge or soft cloth using cool water.

   Avoid directing water to muffler outlets and electrical parts.
3. Clean the plastic parts using a cloth or sponge dampened with a solution of mild detergent and water. Rub the soiled area gently rinsing it frequently with fresh water.

   Take care to keep chemical solvents off the vehicle. They will damage the plastic and painted surfaces.

The inside of the headlight lens, tail lamp, indicators etc. May be clouded immediately after washing the vehicle. Moisture condensation inside the headlight lens will disappear gradually by lighting the headlight in high beam. Run the engine while keeping the headlight on.

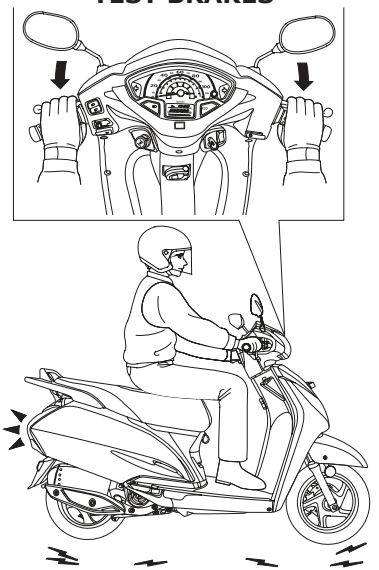
4. After cleaning, rinse the vehicle thoroughly with plenty of clean water. Strong detergent residue can corrode alloy parts.
5. Dry the vehicle start the engine, and let it run for several minutes.
6. Test the brakes before riding the vehicle. Several applications may be necessary to restore normal braking performance.



Braking efficiency may be temporarily impaired immediately after washing the vehicle.

Anticipate longer stopping distance to avoid a possible accident.

TEST BRAKES



Finishing Touches

After washing your vehicle, consider using a commercially-available spray cleaner/ polish or quality liquid or paste wax to finish the job. Use only a non-abrasive polish or wax made specifically for scooters/ motorcycles or automobiles. Apply the polish or wax according to the instructions on the container.

Removing Road Salt

The salt contained in the road surface freezing prevention medicine which a road was sprayed with in winter, and the seawater becomes the cause which rust occurs in.

Wash your vehicle by the following point after it runs through such a place.

1. Clean the vehicle using cool water (Ref. page 64).
   Do not use warm water.
   This worsens the effect of the salt.
2. Dry the vehicle and the surface of the metal is protected with the wax.

STORAGE GUIDE

Extended storage, such as for winter, requires that you take certain steps to reduce the effects of deterioration from non-use of the vehicle. In addition necessary repairs should be made BEFORE storing the vehicle, otherwise, these repairs may be forgotten by the time the vehicle is removed from storage.

STORAGE

1. Change the engine oil.
2. Empty the fuel tank into an approved petrol container using a commercially available hand siphon or an equivalent method. Spray the inside of the tank with an aerosol rust-inhibiting oil.

   Reinstall the fuel fill cap on the tank.

If storage will last more than one month carburetor draining is very important, to assure proper performance after storage.

⚠ WARNING

Petrol is highly flammable and explosive. You can be burned or seriously injured while handling the same.

- Stop the engine and keep heat, sparks, and flame away.
- Refuel only outdoors.
- Wipe up spills immediately.

3. To prevent rusting in the cylinder, perform the following :

- Remove the spark plug cap from the spark plug. Using tape or string, secure the cap to any convenient plastic body part so that it is positioned away from the spark plug.
- Remove the spark plug from the engine and store it in a safe place. Do not connect the spark plug to the spark plug cap.
- Pour a tablespoon (15-20 cm^3) of clean engine oil into the cylinder and cover the spark plug hole with a piece of cloth.

- Crank the engine several times to distribute the oil.
- Reinstall the spark plug and spark plug cap.

4. Remove the battery. Store in an area protected from freezing temperatures and direct sunlight.
5. Wash and dry the vehicle. Wax all painted surfaces. Coat chrome with rust inhibiting oil.
6. Inflate the tyres to their recommended pressures. Place the vehicle on blocks to raise both tyres off the ground.
7. Cover the vehicle (don't use plastic or other coated materials) and store in an unheated area, free of dampness with a minimum of daily temperature variation. Do not store the vehicle in direct sunlight.

REMOVAL FROM STORAGE

1. Uncover and clean the vehicle.
2. Change the engine oil if more than 4 months have passed since the start of storage.
3. Check the battery voltage and charge the battery as required. Install the battery.
4. Drain any excess aerosol rust-inhibiting oil from the fuel tank. Fill the fuel tank with fresh petrol.
5. Perform all Pre-ride Inspection checks (Ref. page 32)

Test ride the vehicle at low speeds in a safe riding area away from traffic.

SPECIFICATIONS

DIMENSIONS

Overall length		1814 mm (71.4 in)
Overall width		704 mm (27.7 in)
Overall height		1151 mm (45.3 in)
Wheelbase		1260 mm (49.6 in)

WEIGHT

Dry weight	Drum	105 kg (231 lbs)
	Disc Alloy	104 kg (229 lbs)
	Drum Alloy	104 kg (229 lbs)

CAPACITIES

Engine Oil	After draining	0.7 L (0.7 US qt, 0.6 Imp qt)
	After disassembly	0.8 L (0.8 US qt, 0.7 Imp qt)
Fuel tank		5.3 L (1.4 US gal, 1.17 Imp gal)
Transmission oil	After draining	0.10 L (0.11 US qt, 0.09 Imp qt)
	After disassembly	0.12 L (0.13 US qt, 0.11 Imp qt)
Passenger capacity		Rider and one pillion rider
Maximum weight capacity		170 kg (374.8 lbs)

ENGINE

Bore and stroke		52.4 x 57.9 mm (2.06 x 2.28 in)
Compression ratio		9.8 : 1
Displacement		124.9 cm^3 (7.62 cu-in)
Spark Plug	Standard	MR7C-9N (NGK)(Part No. 31917-KWP-D01)
Spark plug gap		0.80 - 0.90 mm (0.031 - 0.035 in)
Idle speed		1,700 ± 100 rev. min^{-1} (rpm)

CHASSIS AND SUSPENSION

Caster		27°30’
Trail		72 mm (2.8 in)
Tyre size	Front	90/90-12 54J
	Rear	90/100-10 53J

POWER TRANSMISSION

Primary reduction	V-Belt
Final reduction	9.394 (51T/19T x 49T/14T)

ELECTRICAL

Battery	12V - 3.0 Ah (MF)
Generator	0.13kW/5,000 rev. min^{-1} (rpm)

LIGHT

Headlight		LED
Stop		12V-21W
Tail light		12V-5W
Turn signal light	Front	12V-10Wx2
	Rear	12V-10Wx2
Position light		LEDx2
Speedometer light		LEDx3
Turn signal indicator		LEDx2
High beam indicator		LEDx1
Licence plate lamp		12V-5W

FUSE

Main fuse	15A
Sub fuse	10A

Warranty Policy

Honda Motorcycle & Scooter India (Pvt.) Ltd. (HMSI) gives the following warranty in respect of vehicle "**ACTIVA125"** manufactured by them.

Proper care and precaution has been taken to ensure the best quality in respect of the material and workmanship in manufacturing "**ACTIVA125"**.

HMSI would repair or replace at its discretion, those part(s) found to have manufacturing defects during examination.This repair or replacement of part(s) would be done free of charge at their authorised workshop, within a warranty period of 24 months from the date of sale or until the vehicle has covered 24000kms, whichever comes first.

Warranty claims in respect of proprietary parts like tyres and battery are warranted by their respective manufacturers and should be claimed on them directly by customer.

NOTE: Battery Warranty is applicable from 21 months from Date Of Charging at manufacturer or 18 Months from the Date Of Sale or 20000 Kms whichever is earlier.

In all such cases the decision of the respective manufacturer will be final and binding.

HMSI shall not be liable in any manner to replace them though their dealers will give full assistance in preferring such claims on their manufacturers.

HMSI undertake no liability in the matter of consequential loss or damage caused due to the failure of the parts. Delay, if any, at the repairing workshop in carrying out repair to vehicle shall not be a ground for extending the warranty period nor shall it give any right to the customer for claiming any compensation for damages.

HMSI reserves the right either to repair or replace the defective part.

Where a defective part can replaced by part/s of alternative brand/s, which are normally used by HMSI in the course of manufacturing, HMSI reserves the right to carry out the replacement by a part or parts of any such alternative brands.

Valid in India only

This warranty and any claim arising there from is subject to Gurgaon jurisdiction only.

No claim for exchange or repair can be consider unless the customer:

a. Ensures that immediately upon discovery of the defect, he approaches any nearest authorised dealer of HMSI with the concerned vehicle and enables him to remove and dispatch the part/parts attributing to manufacturing defect to the company.

b. Produces Owner's Manual in original, to enable that dealer to verify the details. It must be expressly understood that claims forwarded directly to us by the owner/customer will not be entertained at all and such defective part/ parts thus forwarded by them will lie at our factory at their own risk, and this warranty shall not be enforceable.

Further this warranty is not applicable to:

1. Any "**ACTIVA125"** on which any free and paid services has not been carried out, as per schedule given in Owner's Manual.
2. Normal maintenance operations like valve adjustment, cleaning of fuel system, engine tune-up or such other adjustments.
3. HMSI does not warrant normal wear and tear items like Clutch Disc, Chain, Chain Sprocket, Wheel Rim (in case of misalignment and bent), Bushes, Fasteners, Shims, Washers and Electrical Items like Bulbs, Rubber and Plastic Components like Grommets, O-Rings,Bellows as well as Packings, Gaskets, Oil Seals and Consumables like Fuel Filter, Air Cleaner Element, Engine Oil, Grease, Suspension Oil and other items as specified by HMSI.
4. Fasteners and clips which needs replacement during maintenance/service will not be covered under warranty.
5. If there is any damage to the painted surface due to industrial pollution or other extraneous factors.
6. Any damage resulting from unavoidable natural disaster i.e fire collision, earthquake, flood etc.
7. Any damage caused by exposure of the product to soot and smoke, chemical agents, bird-droppings, sea water, sea breeze, or other environmental phenomenon.

8. If there is any damage caused due to usage of improper oil/grease, non genuine parts.
9. For two-wheelers, which have been used for any commercial purposes as taxi etc.
10. For maintenance repairs required due to misuse while driving or due to adulteration of oil, petrol or due to bad road conditions.
11. Recommended fuel quality not used.
12. Parts of the vehicle that have been subjected to misuse, accident, negligent treatment or which have been used in conjunction with parts and an equipment not manufactured or recommended for use by HMSI if in the sole judgment of HMSI, such use prematurely affects the performance and reliability of the vehicle.
13. Parts of the vehicle that have been altered or modified or replaced in unauthorised manner, and which in the sole judgment of HMSI affect its performance and reliability.
14. The vehicle that has not been serviced by HMSI authorised dealer as per the service schedule or which have not been operated or maintained in accordance with instructions mentioned in the Owner's Manual.
15. The vehicles used for any competition or race and/or for attempting to set up any kind of record HMSI reserves the right to make any changes in design or to add any improvement on the vehicle at any time without incurring any obligations to install the same on a vehicle previously supplied and sold. Also the conditions of this warranty are subject to alteration without any notice.

    This warranty is entirely written warranty given by HMSI for "**ACTIVA125"** and no other person, including the dealer or its or his agent or employee is authorised to extend or enlarge this warranty.

    This warranty is given in lieu of and excludes every condition or warranty whether statutory or otherwise not herein expressly set out.

EMISSION WARRANTY

Subject to other terms of the warranty policy and other conditions and obligations laid down hereunder, the manufacturer certifies that the components liable to affect the emission of the gaseous pollutants in the vehicle in normal use despite the use to which it may be subjected, comply with provisions of rule 115(2) of the

Valid in India only

Central Motor Vehicle Rules, 1989 and further warrants that if on examination by a service center duly authorized by the manufacturer, the vehicle is discovered to be failing to meet the emission standard as specified in the said rule, the authorized service center shall take such corrective measures as may be necessary and shall at its sole discretion replace free of charge such components of emission control system as are specified in schedule.

A. Conditions

1. This warranty will be in addition to and run parallel to the product warranty given by the manufacturer and will apply to components as mentioned later. This warranty is applicable in Delhi, Mumbai, Kolkata and Chennai with effective from 1st July 2001. Other places when included will be covered under warranty accordingly.
2. The period of the vehicle's emission warranty will be determined starting from the date of the vehicle sale. The period of time and kilometers that are covered under the provisions of warranty may vary but should not be less than the minimum warranty period based on the vehicle category.

For a two-wheeler the emission warranty period is 30,000 kms or 3 years whichever is earlier.

3. Warranty claim for the components under Emission warranty will be admitted, for a prima facie examination, in the event of failure of the vehicle to meet the emission standard as specified in sub-rule (2) of Rule No 115 of the Central Motor vehicle Rules.
4. The warranty claim will be accepted only after the examinations carried out by Authorized Service Centers leads to a firm conclusion that none of the original settings have been tampered with and that the components has/ have a manufacturing defect, and/or, that the vehicle is unable to meet the in-use emission standard, in spite of the vehicle being maintained and used in accordance with the instructions in the owner's manual.
5. The methods of examination to determine the warrantable condition of the components will be at the sole discretion of manufacturers and or their Authorized service centers and results

of such examination will be final and binding. If, on examination, a warrantable condition is not established, the manufacturers will have to charge all, or part, of the cost of such examination.

6. In case of a vehicle in which the components covered under Emission warranty, the manufacturer will replace, at Authorized centers free of charge, the components which are covered, but the consumables as mentioned in Owner's Manual shall be charged as per actuals.
7. In case of a vehicle in which the components covered under Emission warranty or the associated parts are not independently replaceable on account of their being integral parts of a complete assembly, the manufacturer will have the sole discretion to replace either the entire assembly or by using some of the parts of the system through suitable repairs or modifications.
8. Any consequential repairs or replacement of parts which may be found necessary to establish compliance to in-use emission standards, in addition to replacement of the parts covered under emission warranty, will not be made free of cost unless such parts are also found to be in a warrantable condition within the scope and limit of the product warranty. The consumables shall be charged as per actual during such repairs or replacement of parts.
9. All the parts removed for replacement under warranty will be the property of the manufacturer.
10. The manufacturer will not be responsible for the cost of transportation of the vehicle to the nearest Authorized Service center or any loss due to non-availability of the vehicle during the period of lodging of a warranty claim and examination by the manufacturer and repairs.
11. The manufacturer will not be responsible for any penalties that may be charged by statutory authorities on account of failure to comply with the in use emission standards.
12. Emission warranty will be applicable irrespective of the change of ownership of the vehicle provided all the conditions as laid down in this document are met from the date of original sale of the vehicle.

Valid in India only

13. The emission warranty will be applicable only if:
    a. Observes all the important instructions and any other precautions listed in the Owner's Manual for use of the vehicle.
    b. Under all circumstances uses lubricants and fuel as recommended by manufacturer.
    c. Regularly obtains and carries out maintenance in accordance with the manufacturers guidelines and enters the details in the Logbook.
    d. Immediately approaches the nearest authorized service center upon discovery of failure to comply with the in use emission standards in spite of having maintained and used the vehicle in accordance with the instructions in the Owner's Manual and having carried out such repairs and adjustments as may be required with a view to establish such compliance.
    e. Produces the 'Pollution Under Control' certificate valid for the period immediately preceding the test during which the failure is discovered, the test having been carried out either for obtaining a new certificate, or pursuant upon being directed by an officer as referred to in sub-rule(2) of Rule 116 of the Central Motor Vehicle Rules.
    f. Produces the Owner's Manual and Log book for verification details.
    g. Produces receipts covering maintenance of the vehicle as specified in the Owner's Manual from the date of original purchase of the vehicle.
    h. Produces valid certificate of insurance and RTO registration.
14. Conditions under which warranty is not applicable:

    A valid 'Pollution Under Control' certificate as described in customer obligation D(6) above is not produced.

    A vehicle which is not serviced by Authorized service center as per the service schedule described in the maintenance chart given in the Owner's Manual.

    A vehicle, which has been subjected to abnormal use, abuse, neglect and improper maintenance or has met with an accident. Use of replacement parts not specified and approved by the manufacturer.

    A vehicle, or parts thereof, which has been altered, tampered with or modified or replaced in an unauthorized manner.

A vehicle on which the odometer is not functioning or the odometer has been changed/tampered with so that the actual mileage cannot be readily determined.

A vehicle which has been used for competitions, races, rallies or for the purpose of establishing records.

Examination by the manufacturers or his Authorized Service Centers of the vehicle shows that any of the conditions stipulated in the Owner's Manual with regard to use and maintenance have been violated.

A vehicle, which has been run on, adulterated fuel, leaded fuel or lubricant or fuel/ lubricants other than those specified by the manufacturer in the Owner's Manual with regard to use and maintenance have been violated.

SCOPE AND LIMITS

1. This emission warranty is in addition to product warranty and shall run parallel to the product warranty for the vehicle as per the scope and limit described in the Owner's Manual and all conditions described there in will apply in addition to those exclusively stipulated in this warranty.
2. The emission warranty covers only compliance with the emission standard as specified in the sub rule (2) of rule 115 of CMVR. It does not cover any other performance of these parts or routine test and consequent maintenance or adjustments to establish compliance to the in use emission standard as applicable to the state, in which the vehicle is registered and is in use.

The parts, which are covered under emission warranty, are carburetor and internal parts, intake manifold, distributor and internal parts, ignition coil, muffler etc.

NOTE: The emission warranty is applicable only when a customer enters into emission warranty contract.