

D16

Motorscouter

300cc Super Cub



OWNER'S MANUAL



HOW TO IDENTIFY HONDA GENUINE PARTS

Please check this new label
on genuine parts pack.



This NEW Hologram,
has 4 NEW Security features

1 Floating Wing logo



The dark wings appear to float
in the foreground

3 Concealed text



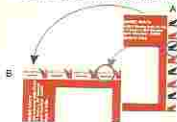
From position B, flatten the label
so that it is parallel to the ground.
At this position (C), you will see
the words "HMSI"

2 Image switch, Logo to text

A. While looking at the hologram
when the label is straight, you
will see the Honda logo unit.

B. Rotate the label 90 degrees anti-
clockwise, you will see the
words "Honda Genuine Parts" in
between the logos

Rotate label anti-clockwise



4 Hidden text (below scratched Hologram)

Scratch the hologram with coin
and you should see the hidden
message "Honda Genuine Parts"



Protect: Protect
from severe he
by wearing full-
helmet which is
colored & appro
size. The Helm
should be tight
properly.

Face shield: S
face from rided
like stones, ins
debris that can
disturbance wh

Shoulder: Rele

Elbow: Arms
slightly bent & re

Wrist: Sitting in
position from wh
you can easily op
the handle bar &

Feet: Place feet
in foot rest, head
forward. The feet
on the brake & g

PRIOR TO RIDING

PROTECT YOURSELF

Helmet: Protect yourself from severe head injuries by wearing full-face ISI marked helmet which is bright colored & appropriate in size. The Helmet strap should be tightened properly.



Face shield: Saves face from object like stones, insects or debris that can cause disturbance while riding.

Clothing: Long sleeves and full length trousers are desirable. Bright colors increases rider's visibility in the traffic and minimizes the possibilities of accidents.

Shoes: Always use sturdy shoes with heels and non slip soles for protection against foot and ankle injury.

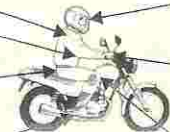
EVEN RIDING POSTURE MATTERS

Shoulder: Relaxed.

Elbow: Arms slightly bent & relaxed.

Hips: Sitting in a position from where you can easily operate the handle bar & brakes.

Feet: Place arch of shoes on foot rest, toes facing forward. The toes resting lightly on the brake & gear pedal.



Eyes: Looking forward to cover a wide range of information.

Hands: Grasping centre of grip from where you can easily operate levers & switches.

Knees: Slightly squeezing the fuel tank between your thighs. On a scooter the knees should be straight & facing forward.

DAILY INSPECTION



Ear view Mirror: Adjust properly to see the traffic behind.



Front Brake lever: Check free play.



Brake Light & Turn Signal: For going signals to others that you are braking or changing lanes.



Drive Chain: If tight - Increased resistance, mechanical loss & low average. If loose - More noise, can come off and bring same type to lock up. If adjuster plates worn adjust.



Tyres: Check for air pressure, stone/hell or tread and lateral damage.



Fuel tank: Check fuel quantity & tap securely tightened.



Clutch lever: Check free play for easy gear shifting.



Head light & Horn: Check Low / High beam & Horn for proper functioning.



Tank & Sprocket: Check for Rim bands, Shimmy (noise) by spinning wheel & check loose spokes (in case of spoke wheels).



Rear brake: Check pedal play.



Engine Oil: Check every day in cold condition with motorcycle in vertical position (by just lowering dipstick into hole not screwing) & replenish if required.

PRE-RIDING TIPS

Documents



Always carry your License, Registration Certificate, Insurance & Pollution Certificate.

Look around for safety



Always check behind for safety before moving off & do not forget to mirror side stand.

Drinking & riding



Alcohol reduces reflexes & impairs judgment while riding.

SAFETY ADVICE

We are committed to make safe riding an everyday habit of all two wheeler riders

THE SAFE WAY TO RIDE



CHECK YOUR SPEED



- Perception Distance
- Reaction Distance
- Braking Distance

Control your speed for shorter braking distance. At 90 km/h braking distance is 9 times more than at 30 km/h speed.

RIDING TIPS

ALWAYS KEEP SAFE DISTANCE



Always keep at least 2 seconds gap between yourself and the vehicle ahead. Keep 3-4 seconds following distance in difficult riding condition like fog, rain & night.

Switch off the mobile phone

When Riding



Talking on mobile phone while riding increase the risk of accident by 40%.

Double Riding sitting



Pillion rider should sit on the seat with a leg on each side as otherwise sitting can cause disbalance. Pillion rider should sit holding the rider's waist securely and gripping the rider's hip sufficiently with knees. Avoid riding in zero visibility zone.



As in this position other drivers can not see you in their rear view mirror.

Overtaking (Right manner)



Always overtake from right hand side using rear view mirror & indicators. Do not forget to look behind over your shoulder before changing lane.

Use brake properly



Use both brakes together, front brake a bit stronger with all four fingers with vehicle in straight position for good balance and shorter stopping distance.

Danger prediction



Always look for hidden dangers & act accordingly. Anticipation is the key for your safety.

Overtaking (Wrong manner)



Don't overtake on turns, on crossings when you can't see in front properly, when you are in doubt and when someone is overtaking you.

Turn at safe speed



Drive slowly through turns to avoid skidding. Don't apply brakes while turning especially front brake.

Right use of headlight beams



High beam: Use it on highways & dip to low beam while following a vehicle, overtaking & to oncoming vehicles.

Low beam: Use it in city condition, fog & rain.



...manner)



...on crossings
...properly
...when



...to avoid
...while
...to

...light beams



...to dip to
...to

...sun, fog & rain

DIO

KA05-FIV-9925

OWNER'S MANUAL

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IMPORTANT INFORMATION

- **RIDER AND PASSENGER**

This vehicle is designed to carry the rider and one passenger. Never exceed the maximum weight capacity as shown on the accessories and loading label.

- **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.

These messages are fully explained in the "**A Few Words About Safety**" section which appears before the Contents page.

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

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OWNER'S MANUAL



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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) 0124-2291000

Pleasant riding, and thank you for choosing a Honda!

- The specifications may vary with each locale.

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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 judgement.

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.

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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 passenger does the same. We also recommend that you wear eye protection, sturdy boots, gloves and other protective gear (page 3).

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 5 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 passenger always wear a helmet, eye protection and other protective apparel when you ride.

helmets and Eye Protection

Recommend 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.

ALWAYS wear a helmet. You should also wear a face shield or goggles.

हमेशा हेल्मेट पहनें। चश्में अथवा चेहरे को ढकने वाले कवच का प्रयोग करना चाहिये।

Wear bright or reflective clothing.

चमकदार तथा रोशनी को प्रतिबिम्बित करने वाले कपड़े पहनें।

Clothes should be close fitting

शरीर के फिटिंग के कपड़े ही पहनें

Wear gloves.

दस्ताने पहनें।



Shoes should be close-fitting, have low heels and offer ankle protection.

सही नाप, कम हील तथा टखनों को सुरक्षा देने वाले जूते पहनें।

LOAD LIMITS AND GUIDELINES

Your vehicle has been designed to carry you, one passenger and a limited amount of cargo. When you add cargo or carry a passenger, 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 passenger 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 (375 lbs)

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

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

Putting too much weight in individual storage compartments can also affect stability and handling. So be sure to stay within the limits given below:

Maximum weight:

in center compartment

10 kg (22 lbs)

luggage hook

1.5 kg (3.3 lbs)

Center compartment weight limit

(मध्य कक्ष की भार सीमा)

10 kg (22 lbs)



Luggage hook weight limit

(लगेज हुक की भार सीमा)

1.5 kg (3.3 lbs)

Loading Guidelines

Your vehicle is primarily intended for transporting you and a passenger.

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 8.

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 passenger 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 you 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 electrical equipment does not exceed the vehicle electrical system capacity (page 64). 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.

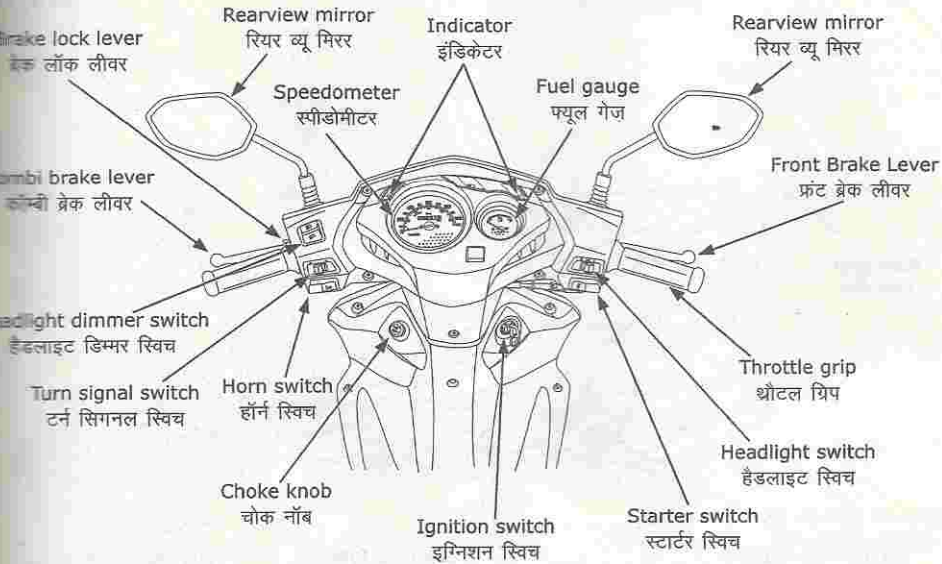
Modifications

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.

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PARTS LOCATION/ पुर्जों की स्थिति



Fuel fill cap
फ्यूल फिल कैप

Center compartment
सेंटर कम्पार्टमेंट

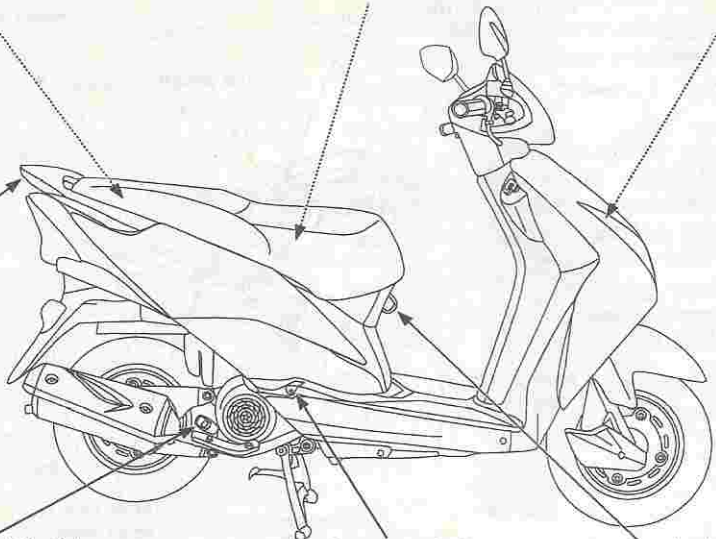
Battery Fuse box
बैटरी फ्यूज बॉक्स

Rear grip
रियर ग्रिप

Oil filler cap/dipstick
ऑयल फिलर कैप/डिपस्टिक

Passenger footpeg
यात्री फुटपैग

Luggage hook
लगेज हुक



Fuse b
फ्यूज बॉक

brake lever
ब्रेक लीवर

Document compartment
डॉक्यूमेंट कम्पार्टमेंट

Tool Kit
टूल किट

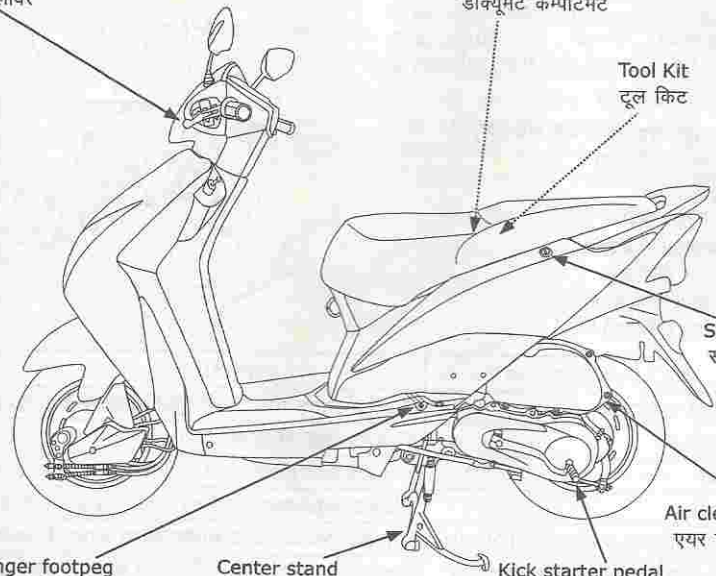
Seat lock
सीट लॉक

Air cleaner housing
एयर क्लीनर हाउसिंग

Passenger footpeg
यात्री फुटपैग

Center stand
सैंटर स्टैंड

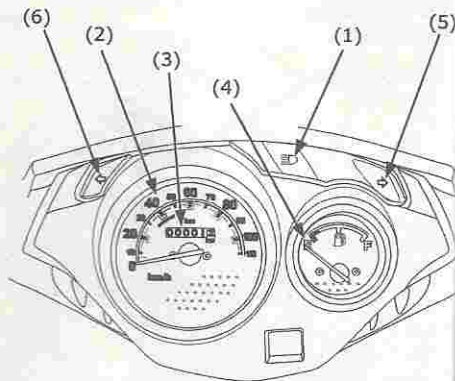
Kick starter pedal
किक स्टार्टर पैडल



INSTRUMENTS AND INDICATORS

The indicators are contained in the instrument panel. Their functions are described in the tables on the following pages.

- (1) High beam indicator (हाई बीम इंडिकेटर)
- (2) Speedometer (स्पीडोमीटर)
- (3) Odometer (ऑडोमीटर)
- (4) Fuel gauge (फ्यूल गेज)
- (5) Right turn signal indicator (दाँया टर्न सिग्नल इंडिकेटर)
- (6) Left turn signal indicator (बाँया टर्न सिग्नल इंडिकेटर)



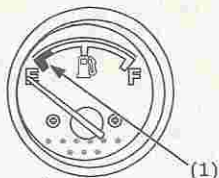
(Ref. No.)	Description	Function
(1)	High beam indicator (blue)	Lights when the headlight is glowing on high beam
(2)	Speedometer	Shows riding speed.
(3)	Odometer	Shows accumulated mileage.
(4)	Fuel gauge	Shows approximate fuel quantity available (page 13)
(5)	Right turn signal indicator (green)	Flashes when the right turn signal operates.
(6)	Left turn signal indicator (green)	Flashes when the left turn signal operates.

(5)

Fuel Gauge

When the gauge needle enters the red band (1), fuel will be low and you should refill the tank as soon as possible. The amount of fuel left in the tank when the needle enters the red band is approximately:

1.4 Ltr. (0.36 US gal, 0.30 Imp gal)



(1) Red band (लाल बैंड)

ough beam

MAJOR COMPONENTS

(INFORMATION YOU NEED TO OPERATE THIS VEHICLE)

page 13)

BRAKES

ates.

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

es.

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

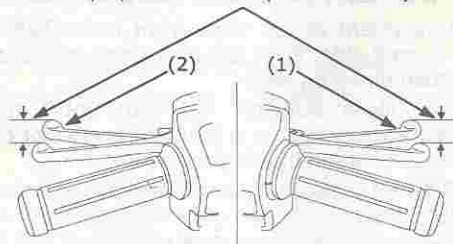
Free play

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)

Freeplay: 10 - 20 mm (0.39 - 0.79 in)



(1) Front brake lever (फ्रंट ब्रेक लीवर)

(2) Combi brake lever (कॉम्बी ब्रेक लीवर)

Adjustment:

Adjustment of right hand front brake cable (6) side no. 1. Push the brake arm (1) by hand (Push direction →). Turn upper adjuster nut (2a) till you can not turn it by hand.

NOTICE

1 & 2 is marked on brake arm.

Check the free play of right lever.

FREE PLAY: 10-20 mm (0.39-0.79 in)

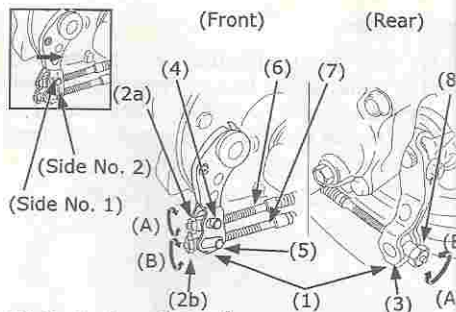
Adjustment of left hand front brake cable (7) no 2 side. Push the brake arm by hand (Push direction →).

Turn lower adjuster nut (2b) untill the clearance is caused in joint (4) and a slot of the 1st side in brake arm.

The half rotation returns the 2nd adjuster nut (2b).

Check the free play of left lever.

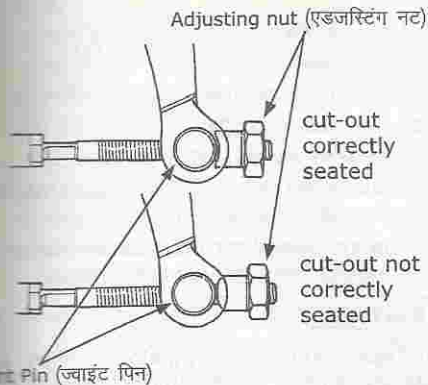
If the limit of left lever free play is out of the specified limit than adjust from rear adjusting nut (8)



- (1) Brake Arm (ब्रेक आर्म)
- (2a) Upper Adjusting nut (ऊपरी एडजस्टिंग नट)
- (2b) Lower Adjusting nut (निचला एडजस्टिंग नट)
- (3) Joint Pin (ज्वाइंट पिन)
- (4) Joint Pin side no 1 (ज्वाइंट पिन साइड नम्बर 1)
- (5) Joint Pin side no 2 (ज्वाइंट पिन साइड नम्बर 2)
- (6) Right hand front brake cable (दाँये हाथ की अगली ब्रेक केबल)
- (7) Left hand front brake cable (बाँये हाथ की अगली ब्रेक केबल)
- (8) Rear Adjusting nut (पिछला एडजस्टिंग नट)
- (A) Decrease freeplay (फ्री प्ले घटायेँ)
- (B) Increase freeplay (फ्री प्ले बढ़ायेँ)

(Rear)

Make sure the cut-out on the adjusting nut is seated on the brake arm joint pin after making final freeplay adjustment.



नट)
नट)

नम्बर 1)
नम्बर 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 23), then remove the fuel fill cap by turning it counterclockwise.

नट)

Do not overfill the tank. There should be no fuel in the filler neck (2).

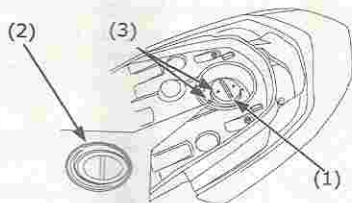
After refueling, be sure to tighten the fuel fill cap firmly by turning it clockwise.

Make sure that the arrow marks (3) on the fuel fill cap and fuel tank is aligned.

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.



(1) Fuel fill cap (फ्यूल फिल कैप)

(2) Filler neck (फिलर नैक)

(3) Arrow marks (ऐरो मार्क्स)

Use unleaded petrol with a research octane number of 87 or higher.

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

NOTICE

If "spark knock" or "pinking" occurs at 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 higher than the recommended limit is considered misuse and damage caused by misuse is not covered by Honda's Limited Warranty.

ENGINE OIL

Engine Oil level Check

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

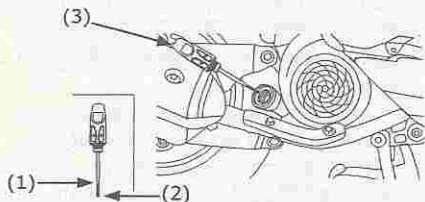
The level must be maintained between the upper (1) and lower (2) level marks on the oil filler cap/dipstick (3).

1. 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 45) 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 pressure may cause serious engine damage.

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



- (1) Upper level mark (ऊपरी स्तर चिन्ह)
- (2) Lower level mark (निचला स्तर चिन्ह)
- (3) Oil filler cap/dipstick (ऑयल फिलरकैप/डिपस्टिक)

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 tyre 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.

Check your tyres before every ride and use a gauge to measure air pressure at least once a month. 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 air pressures given below. If you do, the tyres will be under inflated.

The recommended "Cold" tyre air pressures are:

kPa (kgf/cm ² , psi)	
Driver only	Front 150 (1.50, 22)
	Rear 200 (2.00, 29)
Driver and passenger	Front 150 (1.50, 22)
	Rear 250 (2.50, 36)

inflated
handling
generally
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the more
ride
damage
ly.

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:

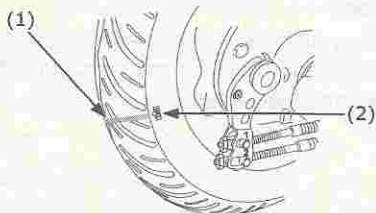
- Bumps or bulges in the side of the tyre or the tread. Replace the tyre if you find any bumps or bulges.

- 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 (वीयर इन्डिकेटर)
 (2) Wear indicator location mark (वीयर इन्डिकेटर का लोकेशन मार्क)

Tyre Repair

If a tubeless tyre is punctured or damaged, please visit the nearest tyre manufacturer's dealer and follow his recommendation for repair or replacement.

⚠ CAUTION

Repair/Replacement of tubeless tyre by an unauthorized person may render the tyre useless or the 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.

Use the recommended tyres for your vehicle

FRONT : 90/100-10 53J - NYLOGRIP ZAPPER

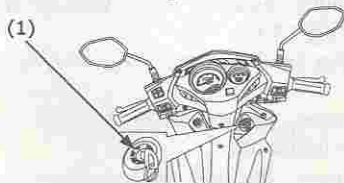
REAR: 90/100-10 53J - NYLOGRIP ZAPPER

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.



(1) Ignition switch (इग्नीशन स्विच)

Key Position	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
ON	Engine and lights can be operated	Key cannot be removed

RIGHT HANDLEBAR CONTROLS

Headlight Switch

The headlight switch (1) has three positions;

☀, ➤ and •.

☀ : Headlight, position light, taillight and meter lights on.

➤ : Position light, taillight and meter lights on.

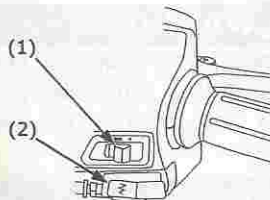
• : Headlight, Position light, taillight and meter lights off.

The headlight, Position light, taillight and meter lights operates only when the engine is running.

Starter Button

The starter button (2) is below the headlight switch.

When the starter button is pressed, the starter motor cranks the engine. (Page 28 for the starting procedure.)





(1) Headlight switch (हेडलाइट स्विच)



(2) Starter button (स्टार्टर बटन)

LEFT HANDLEBAR CONTROLS

Headlight Dimmer Switch (1)

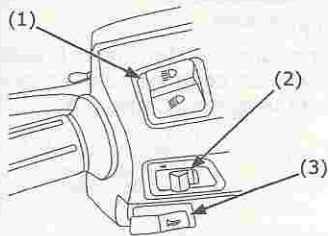
Push the dimmer switch to  (HI) to select high beam or to  (LO) to select low beam.

Turn Signal Switch (2)

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

Horn Button (3)

Press the button to sound the horn.



- (1) Headlight dimmer switch (हेडलाइट डिमर स्विच)
 (2) Turn signal switch (टर्न सिग्नल स्विच)
 (3) Horn button (हॉर्न बटन)

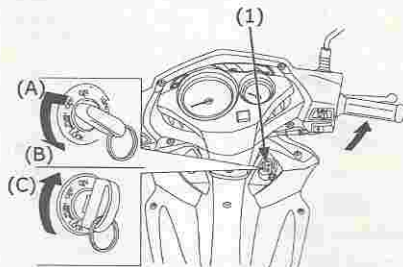
FEATURES

(NOT required for operation)

STEERING LOCK

- To lock the steering, turn the handlebar all the way to the left, turn the key (1) to LOCK while pushing in. Remove the key.
 To unlock the steering, turn the key to OFF.

Do not turn the key to LOCK while riding the vehicle, loss of vehicle control will result.



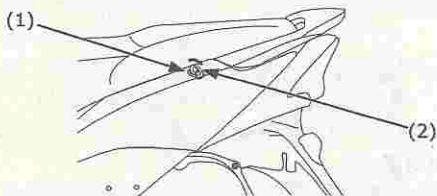
- (1) Ignition Key (इग्नीशन चाबी)
 (A) Push in (अन्दर दबायें)
 (B) Turn to LOCK (लॉक की ओर घुमाइये)
 (C) Turn to OFF (ऑफ की ओर घुमाइये)

SEAT LOCK

The seat lock (1), is on the left side below the seat.

To lift the seat, insert the ignition key (2) and turn it clockwise to unlock.

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



- (1) Seat lock (सीट लॉक)
- (2) Ignition Key (इग्नीशन चाबी)

CENTER COMPARTMENT

The center compartment (1) is below the seat. For opening and closing:

See "SEAT LOCK" (Page 23)

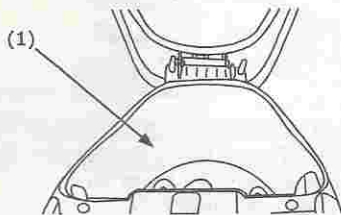
MAXIMUM WEIGHT LIMIT : 10 kg (22 lbs)

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 food

and other articles which are flammable or susceptible to heat damage in the compartment

Do not direct water under pressure against the center compartment as water will be forced in to the compartment.



- (1) Center Compartment (सैंटर कम्पार्टमेंट)

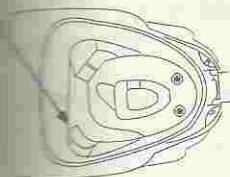
DOCUMENT COMPARTMENT

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 on the reverse side of the seat

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



Document Compartment (दस्तावेज कक्ष)

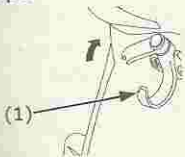
First Aid Kit (प्राथमिक चिकित्सा किट)

LUGGAGE HOOK

Luggage hook (1) provided below the

MAXIMUM WEIGHT LIMIT: 1.5 kg (3 lbs)

Do not attach large luggage to the hook
 as it would hang out from the vehicle and/
 interfere with the movement of your feet
 during handle operation.



Luggage hook (लगेज हुक)



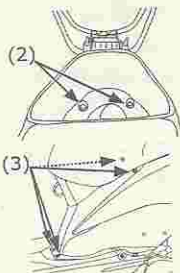
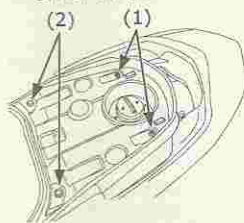
(2)

SEAT ASSEMBLY

1. Open the seat (Page 23).
2. Remove the upper tank cover collar screws A - 2 nos. (1).
3. Remove the luggage box bolts - 4 nos(2) and screws B - 4 nos. (3).
4. Lift up the luggage box along with seat.

Installation:

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



(1) Screws A (स्कूज A)

(2) Bolts (बोल्ट्स)

(3) Screws B (स्कूज B)

Place the vehicle on its center stand.
 Remove the seat comp luggage box before
 servicing.

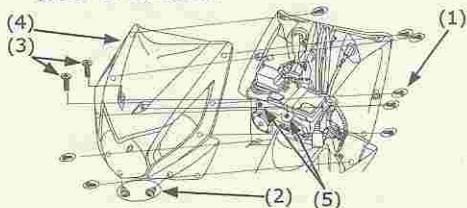
FRONT COVER

Removal :

1. Remove the screws A (1) - 6 nos. from inner cover and 2 nos from underneath of front cover.
2. Remove the trim clip (2) from underneath of front cover.
3. Remove the screws B (3) - 2 nos from front cover.
4. Remove front cover (4) from bosses (5).

Installation :

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



- (1) Screws A (स्कूज A) (2) Trim clip (ट्रिम क्लिप)
(3) Screws B (स्कूज B) (4) Front cover (फ्रंट कवर)
(5) Bosses (बॉसिस)

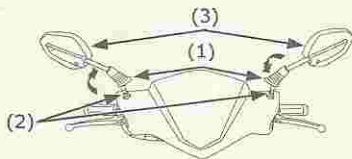
REARVIEW MIRROR

Removal:

1. Pull the dust cover (1).
2. Loosen lock nut (2) until it will no longer turn.
3. Loosen rearview mirror (3) and remove it.

Installation :

1. Install the right side rearview mirror clockwise, left side rearview mirror anticlockwise until it will no longer turn.
2. Loosen rearview mirror approximately 4 turns.
3. Adjust the rearview mirror.
4. Tighten the lock nut.

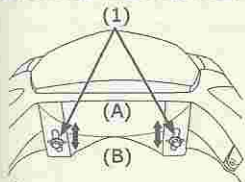


- (1) Dust cover (डस्ट कवर)
(2) Lock nut (लॉक नट)
(3) Rearview mirror (रियर व्यू मिरर)

HEADLIGHT AIM VERTICAL ADJUSTMENT

Vertical adjustment can be made by loosening the bolts (1) and moving in or out as necessary.

(Always local laws and regulations.)



Bolt (बोल्ट)

Up (ऊपर)

Down (नीचे)

OPERATION

BEFORE-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 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 45). Check for leaks.
2. Fuel level-fill fuel tank when necessary (Page 15). Check for leaks.
3. Front and combi brakes - check operation and if necessary, adjust freeplay (Pages 13-15).
4. Tyres - check condition and pressure (Pages 18-21).
5. Throttle-check for smooth opening and full closing in all steering positions.
6. 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

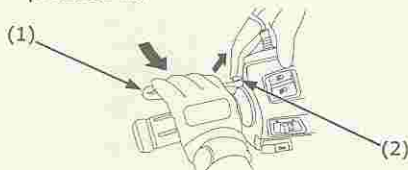
Contact with the spinning rear wheel can hurt.

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

Always follow the proper starting procedure described below.

1. Place the vehicle on its center stand.
2. Lock the rear wheel by pressing Combi brake lever (1) and setting brake lock lever (2).

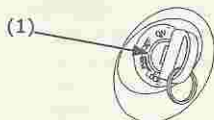
The electric starter will work when front brake or Combi brake lever pressed in.



(1) Combi brake lever (कॉम्बी ब्रेक लीवर)

(2) Brake lock lever (ब्रेक लॉक लीवर)

3. Turn the ignition switch (3) to ON.



(3) Ignition switch (इग्नीशन स्विच)

proceed with the choke lever in case of cold engine starting (Use of choke not necessary for warm engine.)

er stand. Pressing setting using electric starter

- (i) Press the front brake/rear brake lever
- (ii) Press the electric start button

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

Using kick starter

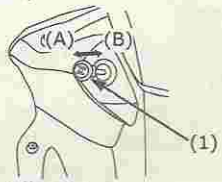
(2) Lightly depress the kickstarter until resistance is felt. Then let the kickstarter return to the top of its stroke.

ON. (i) With the throttle closed, operate the kick starter. Kick from the top of the stroke through to the bottom with a rapid, continuous motion.

(ii) Do not allow the kickstarter to snap back freely against the pedal

stop as engine case can get damaged.

(iv) Raise the kickstarter pedal after the kickstarter pedal is returned to the stop.



- (1) Choke knob (चॉक नॉब)
- (A) Fully ON (पूरा खुला)
- (B) Fully OFF (पूरा बंद)

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.

Continue warming up the engine until it runs smoothly. Close the choke lever by pressing it. Responds to the throttle when the choke knob is at Fully OFF (B).

NOTICE

Extended use of the choke may impair piston and cylinder wall lubrication and damage the engine.

Cold Engine:

1. Pull the choke knob (1) back all the way to Fully ON (A).
2. Warm up the engine by opening and closing the throttle slightly.

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.

Warm Engine:

1. Do not use the choke
2. Turn throttle 1/8.
3. Start the engine.

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

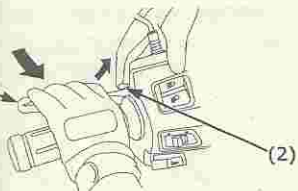
Review Vehicle Safety (Pages 1-8) before you ride.

Make sure flammable material such as 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.

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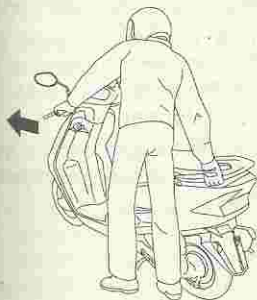
Combi brake lever (कॉम्बी ब्रेक लीवर)
Brake lock lever (ब्रेक लॉक लीवर)

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Stand on the left side of the vehicle
and push it forward and off the center
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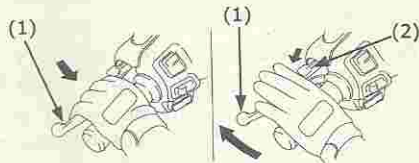


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3. **Mount the vehicle from the left side** keeping at least one foot on the ground to steady the vehicle.



4. **Unlock the rear wheel** by releasing the combi brake lever (1).



- (1) Combi brake lever (कॉम्बी ब्रेक लीवर)
(2) Brake lock lever (ब्रेक लॉक लीवर)

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

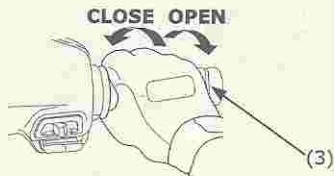


Grasp the handlebars firmly with both hands.

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 (थ्रॉटल)

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.

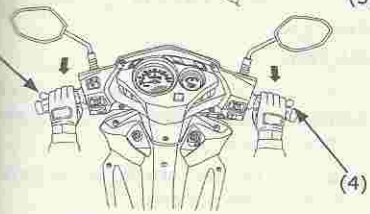
Do not accelerate while applying brakes this may result severe damage the related parts

(3)



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Throttle (थॉटल)

Front brake lever (फ्रंट ब्रेक लीवर)

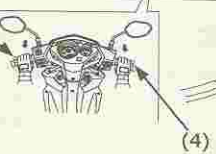
Combi brake lever (कॉम्बी ब्रेक लीवर)

When approaching a corner or turn, close the throttle (3) fully, and slow the vehicle down by applying both front (4) and combi (5) brakes at the same time.

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



(5)



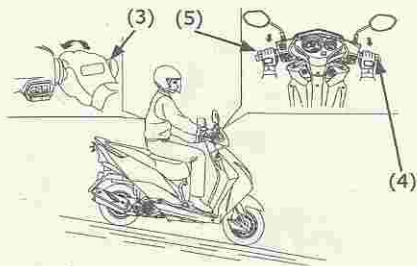
(3) Throttle (थॉटल)

(4) Front brake (फ्रंट ब्रेक)

(5) Combi brake (कॉम्बी ब्रेक)

11. When descending a steep grade, close the throttle (3) fully and apply both brakes to slow the vehicle.

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



(3) Throttle (थॉटल)

(4) Front brake (फ्रंट ब्रेक)

(5) Combi brake (कोंम्बी ब्रेक)

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 on 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 and prevent it from falling over.

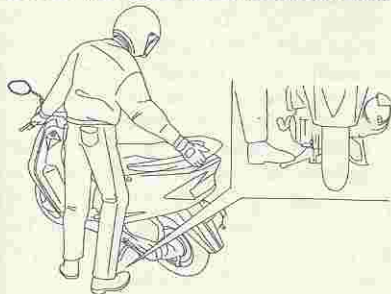
You must park on a slight incline, aimed in front of the vehicle uphill to reduce the possibility of rolling off the center stand and overturning.

3. Lock the steering to help prevent theft, turn the ignition switch to the "Lock" position and remove the key. (Ref. page 23).

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



ANTI-THEFT TIPS

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

Many times stolen vehicles are identified by information in the Owner's Manuals that are still with them.

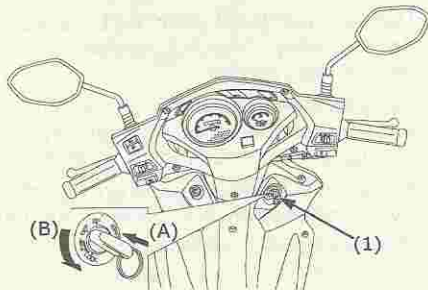
NAME: _____

ADDRESS: _____

PHONE NO: _____

KEY NO: _____

LOCK STEERING



- (1) Ignition key (इग्नीशन चाँबी)
(A) Push in (चाँबी को दबायें)
(B) Turn to lock (लॉक करने के लिये घुमायें)

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 40 to 41) 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.

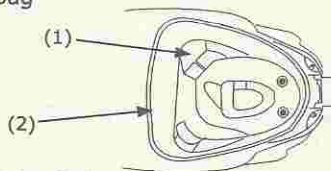
To ensure the best quality and reliability, use only new genuine Honda parts or their equivalents for repair and replacement.

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.

- Spark plug wrench
- 10 x 14 mm open end spanner
- Screwdriver plus minus
- Screwdriver handle
- 8 x 12 mm open end spanner
- Tool bag



(1) Tool kit (टूल किट)

(2) Center compartment (सैंटर कम्पार्टमेंट)

MAINTENANCE SCHEDULE

Perform the pre-ride Inspection (Ref. page 27) 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 the customer 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) Replace every 2 years. Replacement requires mechanical skill.

ITEM	FREQUENCY	WHICHEVER →		ODOMETER READING (NOTE 1)				Refer Page No.
		COMES FIRST ↓	X1000Km	1	3	6	9	
			X1000mi	0.6	1.9	3.7	5.6	
NOTE	MONTH	1	4	7	10			
* FUEL LINE					I			-
* THROTTLE OPERATION				I	I	I		-
* CARBURETOR CHOKE				I	I	I		-
* AIR CLEANER	(NOTE 2)	Every 15000 Km (9400 mi) R						42
CRANKCASE BREATHER	(NOTE 3)			C	C	C		44
SPARK PLUG				I	I	R		48
* VALVE CLEARANCE					I			-
ENGINE OIL			R	R	R	R		45
* ENGINE OIL STRAINER SCREEN			C		C			47
* ENGINE IDLE SPEED			I	I	I	I		50
SECONDARY AIR FILTER	(NOTE 2)		C	C	C	C		44
DRIVE BELT CASE				C	C	C		-
* DRIVE BELT		Every 9000 Km (5600 mi) I Every 24000 Km (15000 mi) R						
* FINAL DRIVE OIL	(NOTE 4)	Every 9000 Km (5600 mi) I Every 24000 Km (15000 mi) R						

The vehicle must be serviced at every 3000 kms or within 3 months whichever is earlier from the date of previous service.

ITEM	FREQUENCY	WHICHEVER →		ODOMETER READING (NOTE 1)				Refer Page No.
		COMES	X1000Km	1	3	6	9	
		FIRST ↓	X1000mi	0.6	1.9	3.7	5.6	
		NOTE	MONTH	1	4	7	10	
BATTERY				I	I	I	I	53
BRAKE/ THROTTLE FREE PLAY				I	I	I	I	-
BRAKE SHOES WEAR						I		52
BRAKE LOCK OPERATION				I	I	I	I	-
BRAKE SYSTEM				I	I	I	I	13,52
* BRAKE LIGHT SWITCH				I	I	I	I	-
* STARTER SWITCH				I	I	I	I	22
* HEADLIGHT/INDICATOR SWITCH				I	I	I	I	22
** CLUTCH SHOES WEAR					I	I	I	-
* HEADLIGHT AIM					I	I	I	27
* SUSPENSION					I	I	I	-
* NUTS, BOLTS, FASTENERS				I	I	I	I	-
** TYRES/WHEELS					I	I	I	18,50
** STEERING MOVEMENT				I	I	I	I	-
WASHING AND CLEANING				C	C	C	C	-
TEST DRIVE				I	I	I	I	-

The vehicle must be serviced at every 3000 kms or within 3 months whichever is earlier from the date of previous service.

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.

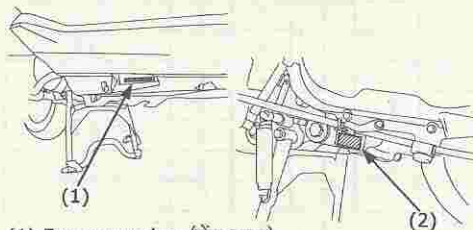
The frame number (1) is stamped on the right side of the frame body.

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 (फ्रेम नम्बर)
(2) Engine number (इंजन नम्बर)

COLOR CODE

The color table is attached below.

It is useful during ordering the replacement parts.

S.No.	Color	Color code
1.	Sports Red	R321
2.	Pearl Sunbeam White	NHA66
3.	Candy Palm Green	GY142
4.	Leblon Violet Metallic	P6
5.	Mat Axis Gray Metallic	NH303

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

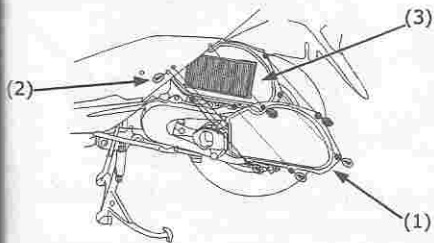
AIR CLEANER

Refer to the Safety Precautions on page 37.

The air cleaner element should be replaced at regular intervals (Ref. page 40).

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

- Remove the air cleaner cover (1) by removing the screws (2) - 6 nos.
- Remove the air cleaner (3).



- Air cleaner maintenance cover
(एयर क्लीनर मैन्टेनेन्स कवर)
- Screws (स्क्रूस्)
- Air cleaner (एयर क्लीनर)

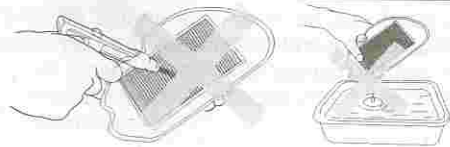
Viscous type air filters should be replaced regularly. Do not reuse it by cleaning with solvent to remove dust. The special oil will be lost and filter becomes dry. As the base filter paper is

coarse, it cannot block fine dust when it becomes dry.

- 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.
- 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 37.

Secondary Air filter cleaning

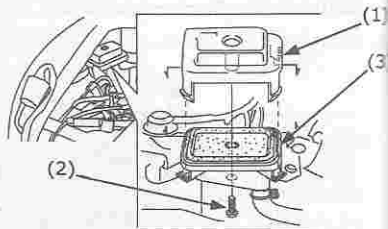
The air filter should be serviced at regular intervals (Ref. page 40). Service more frequently when riding in unusually wet or dusty areas.

1. Remove the seat assembly (page 25).
2. Remove the air filter housing cover (1) by removing the screw (2).
3. Remove the air filter (3).
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.



- (1) Air filter housing cover (एयर फिल्टर हाउजिंग कवर)
- (2) Screw (स्कू)
- (3) Air filter (एयर फिल्टर)

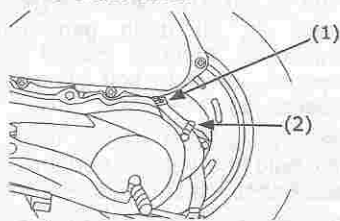
CRANKCASE BREATHER

Refer to the Safety Precautions on Page 37.

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.

reverse
(1)
(3)

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 (कलैम्प)

(2) Crankcase breather tube (क्रैंककेस ब्रीदर ट्यूब)

ENGINE OIL

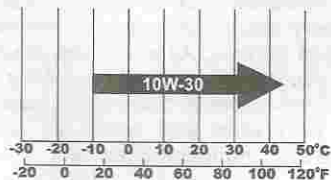
Refer to the Safety Precautions on page 37.

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 40).

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

Please dispose of 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).
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 (2) 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:

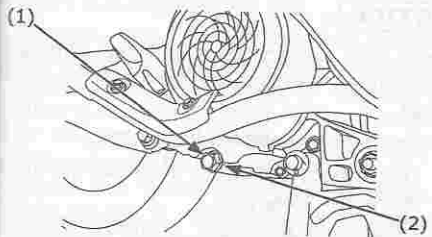
24 N.m (2.5 kgf.m, 18 lbf.ft)

7. F
9
0
8. R
9. S
m
10. S
C
le
ve
M

(1)

1) Oil
2) Se

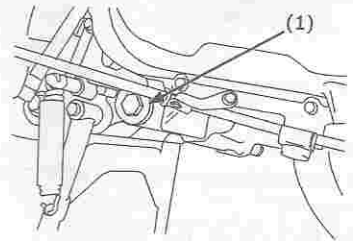
7. Fill the crankcase with recommended grade oil;
0.7L (0.7 US qt, 0.6 Imp qt)
8. Reinstall the oil filler cap/dipstick.
9. Start the engine and let it idle for 3-5 minutes.
10. Stop the engine and wait 2-3 minutes. Check that the oil level is at the upper level mark on the dipstick with the vehicle upright on firm, level ground. Make sure there are no oil leaks.



1) Oil drain bolt (ऑयल ड्रेन बोल्ट)
2) Sealing washer (सीलिंग वाशर)

ENGINE OIL STRAINER SCREEN

1. To drain the oil, remove the oil filler cap/dipstick, oil drain plug and sealing washer (Ref. page 47).
2. Remove the oil strainer screen cap (1), spring (2) and oil strainer screen (3).
3. Clean the oil strainer screen.
4. Check that the oil strainer screen, sealing rubber and O-ring (4) are in good condition.

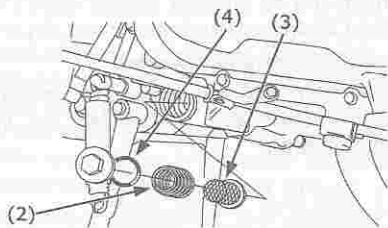


(1) Oil strainer screen cap (ऑयल स्ट्रैनर स्क्रीन कैप)

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 lbf.ft)



(2) Spring (स्प्रिंग)

(3) Oil strainer screen (ऑयल स्ट्रैनर स्क्रीन)

(4) O-ring (O-रिंग)

6. Fill the crankcase with the recommended grade oil;

0.8L (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 37.
Recommended plugs:

Standard:

NGK CPR7EA-9

NOTICE

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

1. Remove the engine front cover.
2. Disconnect the spark plug cap (2) from the spark plug (1).
3. Clean any dirt from around the spark plug base.