

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

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The vehicle pictured in this owner's manual may not match your actual vehicle.

For any query or assistance, please call Customer care number: 1800 103 3434 (Toll free)

Welcome

Congratulations on your purchase of a new Honda vehicle. Your selection of a Honda makes you part of a worldwide family of satisfied customers who appreciate Honda's reputation for building quality into every product.

To ensure your safety and riding pleasure:

- Read this owner's manual carefully.
- Follow all recommendations and procedures contained in this manual.
- Pay close attention to safety messages contained in this manual and on the vehicle.

- The following code in this manual indicates the destination.

Destination Code

Code	Destination
EFS9001	
ID	India

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 safety labels and 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.

Other important information is provided under the following titles:

NOTICE Information to help you avoid damage to your vehicle, other property, or the environment.

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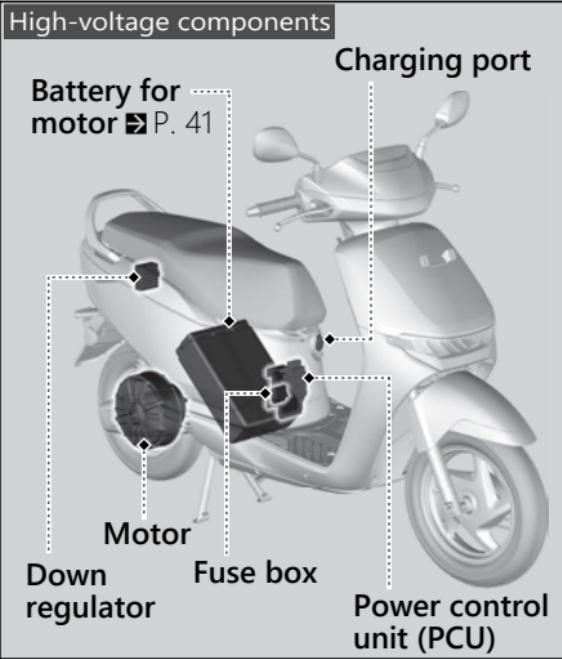
Vehicle Safety

This section contains important information for safe riding of your vehicle.
Please read this section carefully.

Safety Operation for Electric Vehicle.....	P. 3
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Safety Operation for Electric Vehicle

Handling of Electric Vehicle



A high-voltage battery for motor is built into the electric vehicle. Follow the instructions in this manual when handling this battery for motor.

WARNING

High voltage is applied to some of the components in the vehicle and wirings (orange and purple colour). Disassembling or modifying the vehicle could cause you to suffer electric shock or a fire to ignite, which may kill or seriously injure you.

Observe the following rules regarding these high-voltage parts.

- Do not disassemble, modify, or touch these parts.
- Contact your authorised dealer for inspections and repairs.



NOTICE

If the vehicle is immersed in water, the water may get into the batteries for motor and cause a malfunction. Do not drive the vehicle and immediately contact your authorised dealer.

- Be aware of the following after a crash.
 - ▶ You may suffer from electric shock if you are involved in a crash that greatly damages or deforms the vehicle. Never touch high-voltage components or their wiring (orange and purple colour). ➤ P. 3
 - ▶ Do not touch electrolyte solution. If any electrolyte solution gets in your eyes or on your skin, it may irritate your eyes and skin or cause burns.

First-aid for emergencies ➤ P. 64

- ▶ If a fire ignites, use a fire extinguisher suitable for electrical fires. Attempting to extinguish an electrical fire with a small quantity of water can be rather dangerous. When using water to extinguish an electrical fire in an emergency, make sure to use a large quantity of water from a fire hydrant or something similar.

⚠WARNING

Since your vehicle uses a high-voltage battery for motor, if you respond incorrectly when an accident occurs, it may cause unexpected problems that result in death or serious injury.

If you are involved in a crash, follow the procedures and instructions stated in this manual.

Safety Guidelines

Follow these guidelines to enhance your safety:

- Perform all routine and regular inspections specified in this manual.

Always Wear a Helmet

It's a proven fact: helmets and protective apparel significantly reduce the number and severity of head and other injuries. Always wear an approved helmet and protective apparel.

☞ P. 11

Before Riding

Make sure that you are physically fit, mentally focused, and free of alcohol and drugs. Check that you and your passenger are both wearing an approved helmet and protective apparel. Instruct your passenger on holding onto the grab rail or your waist, leaning with you in turns, and keeping their feet on the footpegs, even when the vehicle is stopped.

Take Time to Learn & Practice

Even if you have ridden other vehicles, practice riding in a safe area to become familiar with how this vehicle works and handles, and to become accustomed to the vehicle's size and weight.

Ride Defensively

Always pay attention to other vehicles around you, and do not assume that other drivers see you. Be prepared to stop quickly or perform an evasive maneuver.

Make Yourself Easy to See

Make yourself more visible, especially at night, by wearing bright reflective clothing, positioning yourself so other drivers can see you, signaling before turning or changing lanes, and using your horn when necessary.

Ride within Your Limits

Never ride beyond your personal abilities or faster than conditions warrant. Fatigue and inattention can impair your ability to use good judgement and ride safely.

Don't Drink or Use Drugs and Ride

Alcohol or drugs and riding don't mix. Even one alcoholic drink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every additional drink. The same is true for drug use. Don't drink or use and ride, and don't let your friends do it either.

Keep Your Honda in Safe Condition

It's important to keep your vehicle properly maintained and in safe riding condition. Inspect your vehicle before every ride and perform all recommended maintenance. Never exceed load limits (☞ P. 17), and do not modify your vehicle or install accessories that would make your vehicle unsafe (☞ P. 16).

If You are Involved in a Crash

Personal safety is your first priority. If you or anyone else has been injured, take time to assess the severity of the injuries and whether it is safe to continue riding. Call for emergency assistance if needed. Also follow applicable laws and regulations if another person or vehicle is involved in the crash.

If you decide to continue riding, first turn the power switch to the OFF position, and evaluate the condition of your vehicle. Inspect for fluid leaks, check the tightness of critical nuts and bolts, and check the handlebar, control levers, brakes, and wheels. Ride slowly and cautiously.

Your vehicle may have suffered damage that is not immediately apparent. Have your vehicle thoroughly checked at a qualified service facility as soon as possible.

If a crash severely damaged your vehicle, there is possibility of electrical shock. Do not touch the high voltage system components or their wiring (orange and purple colour).

- Avoid contact with battery for motor fluid.
 - The battery for motor fluid may leak as a result of a severe crash. Avoid any skin or eye contact with the fluid.
The battery for motor fluid is corrosive. If you accidentally touch it, flush the affected area(s) with a large quantity of water for at least five minutes, and seek medical attention immediately.

- Use a fire extinguisher for an electrical fire.
 - Attempting to extinguish an electrical fire with a small quantity of water can be dangerous.

⚠ WARNING

Since high voltage is applied to the battery for motor of this vehicle, if you touch with the high-voltage components when an accident occurs, it may cause an unexpected accident involving electric shock, resulting in death or serious injury.

Please follow the methods and instructions stated in this manual when accident happens.

Battery for Motor

If an abnormal smell is coming from the battery for motor, there may be something wrong with them. Immediately stop your vehicle in a safe place outside that is away from anything flammable, turn the power switch to the OFF position, and then contact your authorised dealer.

Image Labels

The following pages describe the label meanings. Some labels warn you of potential hazards that could cause serious injury. Others provide important safety information. Read this information carefully and don't remove the labels.

If a label comes off or becomes hard to read, contact your authorised dealer for a replacement.

There is a specific symbol on each label. The meanings of each symbol and label are as follows.



Read instructions contained in Owner's Manual carefully.

Read instructions contained in Shop Manual carefully. In the interest of safety, take the vehicle to be serviced only by your authorised dealer.

DANGER (with RED background)

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

WARNING (with ORANGE background)

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

CAUTION (with YELLOW background)

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



MODIFICATION PREVENTION LABEL

CAUTION

- Do not open the cover or touch internal components.
- Improper handling of the motor can cause unexpected accidents, which can result in death or serious disability.
- Parts inside the cover should only be handled by qualified technicians.
- Read Owner's Manual.



ELECTRIC SHOCK HAZARD

CAUTION

- Do not open or remove the power control unit, battery for motor, high voltage fuse box and down regulator.
- Parts inside the cover should be handled by a Honda Trained Technician.

Safety Precautions

- Ride cautiously and keep your hands on the handlebar and feet on the floor.
- Instruct your passenger to keep their hands on the grab rail or your waist and their feet on the footpegs while riding.
- Always consider the safety of your passenger, as well as other drivers and riders.
- The motor does not make any noise, so be aware of the conditions around you. Also, be mindful of other vehicles and pedestrians.

Protective Apparel

Make sure that you and any passenger are wearing an approved helmet, eye protection, and high-visibility protective clothing. Avoid wearing loose clothes that could get caught on any part of the vehicle. Ride defensively in response to weather and road conditions.

■ Helmet

Safety-standard certified, high-visibility, correct size for your head

- Must fit comfortably but securely, with the chin strap fastened.
- Face shield with unobstructed field of vision or other approved eye protection.

⚠ WARNING

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

Make sure that you and any passenger always wear an approved helmet and protective apparel.

Safety Precautions

I Gloves

Full-finger leather gloves with high abrasion resistance.

I Boots or Riding Shoes

Sturdy boots with non-slip soles and ankle protection.

I Jacket and Trousers

Protective, highly visible, long-sleeved jacket and durable trousers for riding (or a protective suit).

Riding Precautions

Running-in Period

During the first 100 km (60 miles) of running, follow these guidelines to ensure your vehicle's future reliability and performance.

- Avoid full-throttle starts and rapid acceleration.
- Avoid hard braking.
- Ride conservatively.

Brakes

Observe the following guidelines:

- Avoid excessively hard braking.
 - ▶ Sudden braking can reduce the vehicle's stability.
 - ▶ Where possible, reduce speed before turning; otherwise, you risk sliding out.
- Exercise caution on low traction surfaces.
 - ▶ The tyres slip more easily on such surfaces and braking distances are longer.
- Avoid continuous braking.
 - ▶ Repeated braking, such as when descending long, steep slopes can seriously overheat the brakes, reducing their effectiveness.
- For full braking effectiveness, operate both the front and rear brakes together.

Riding Precautions

I Combi Brake

Your vehicle is equipped with a brake system that distributes the braking force between the front and rear brakes.

The distribution of the braking force applied to the front and rear brakes when operating the front brake lever only and when operating the rear brake lever only is different.

For full braking effectiveness, operate both the front and rear brakes together.

I Wet or Rainy Conditions

Road surfaces are slippery when wet, and wet brakes further reduce braking efficiency.

Exercise extra caution when braking in wet conditions.

If the brakes get wet, apply the brakes while riding at low speed to help them dry.

Parking

- Park on a firm, level surface.
- If you must park on a slight incline or loose surface, park so that the vehicle cannot move or fall over.
- Make sure that high-temperature parts cannot come into contact with flammable materials.
- Do not touch the area near the motor, the brakes, or other high-temperature parts until they cool down.
- To reduce the likelihood of theft, always lock the handlebar and remove the key and close the shutter when leaving the vehicle unattended.
Use of an anti-theft device is also recommended.

Parking with the Side Stand or Centre Stand

1. Turn the power switch to the OFF position.

Using the side stand

Push the side stand down.

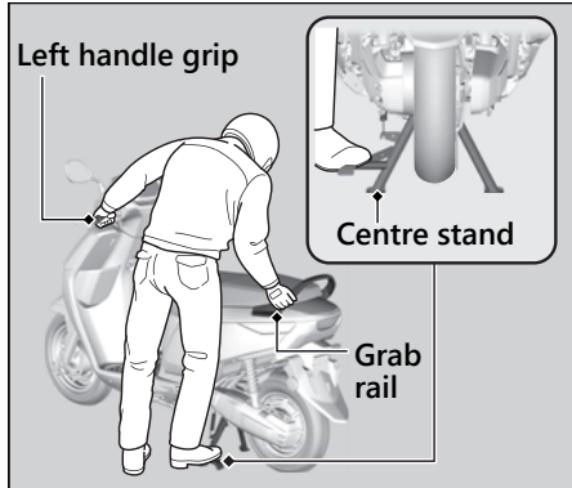
Slowly lean the vehicle to the left until its weight rests on the side stand.

Using the centre stand

To lower the centre stand, stand on the left side of the vehicle.

Hold the left handle grip and the grab rail.

Press down on the tip of the centre stand with your right foot and, simultaneously, pull up and back.



3. Turn the handlebar fully to the left.
 - Turning the handlebar to the right reduces stability and may cause the vehicle to fall.
4. Turn the power switch to the LOCK position (☞ P. 32), remove the key and close the shutter (☞ P. 33).

Accessories & Modifications

We strongly advise that you do not add any accessories that were not specifically designed for your vehicle by Honda or make modifications to your vehicle from its original design. Doing so can make it unsafe. Modifying your vehicle may also void your warranty and make your vehicle illegal to operate on public roads. Before deciding to install accessories on your vehicle, be certain the modification is safe and legal.

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.

Do not pull a trailer with, or attach a sidecar to, your vehicle. Your vehicle was not designed for these attachments, and their use can seriously impair your vehicle's handling.

Loading

- Carrying extra weight affects your vehicle's handling, braking, and stability.
Always ride at a safe speed for the load you are carrying.
- Avoid carrying an excessive load and keep within specified load limits.

Maximum weight capacity / Maximum luggage weight ↗ P. 103

- Tie all luggage securely, evenly balanced, and close to the centre of the vehicle.
- Do not place objects near the lights or the motor.

WARNING

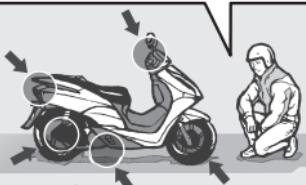
Overloading or improper loading can cause a crash and you can be seriously hurt or killed.

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

Basic Operation Flow

| Pre-ride Inspection ➔ P.63

Carefully inspect your vehicle to make sure that it is safe to ride.
Check the remaining charge for the battery for motor.



| Acceleration ➔ P.39

Apply throttle gradually.
Obey the speed limit.



How to use basic features.

- Instruments ➔ P.22
- Indicators ➔ P.28
- Switches ➔ P.30
- Steering Lock ➔ P.32
- Shutter ➔ P.33
- Brake lock ➔ P.34
- USB socket ➔ P.52

| Activating the Motor ➔ P.37

Check if the area around you is safe,
and then activate the motor.

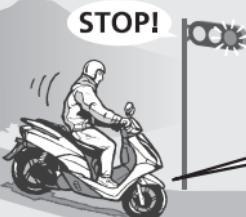


| Starting the Vehicle ➔ P.39

Before pulling away, indicate
your direction with the turn
signal switch, and check for
oncoming traffic.

| Stopping

If pulling off the road, signal early enough to show traffic that you are pulling over, and pull over smoothly.



| Braking ➔ P.40

Close the throttle and apply the front and rear brakes together.

- The brakelight will indicate that you have applied the brakes.

| Parking ➔ P.14

Park on a firm level surface. Use the stand, lock the steering and close the shutter.



| Turning Corners

Do your braking before entering corners.

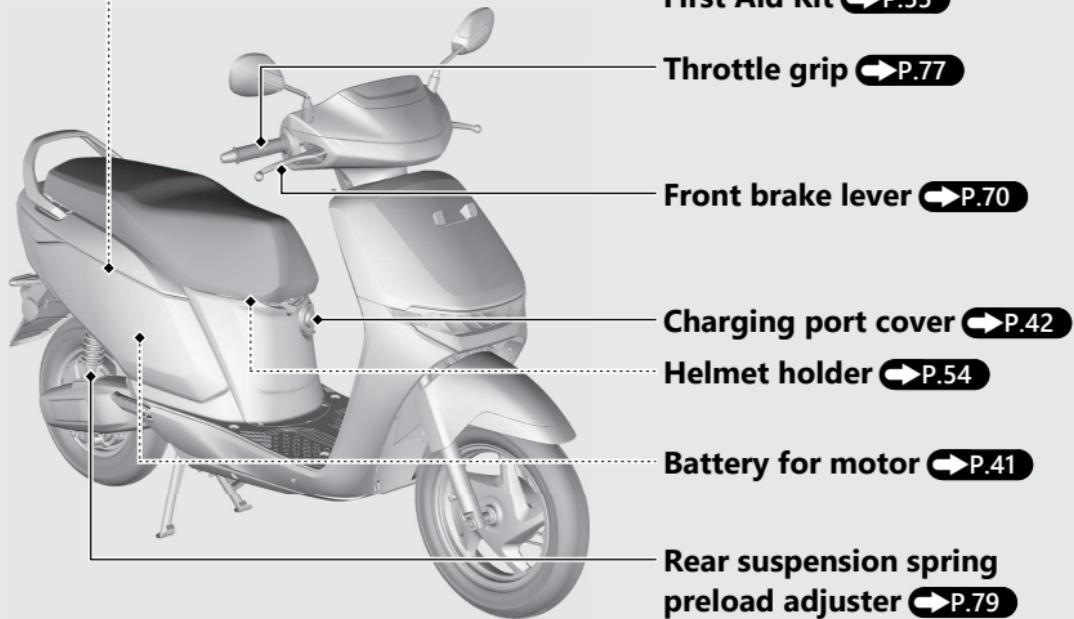


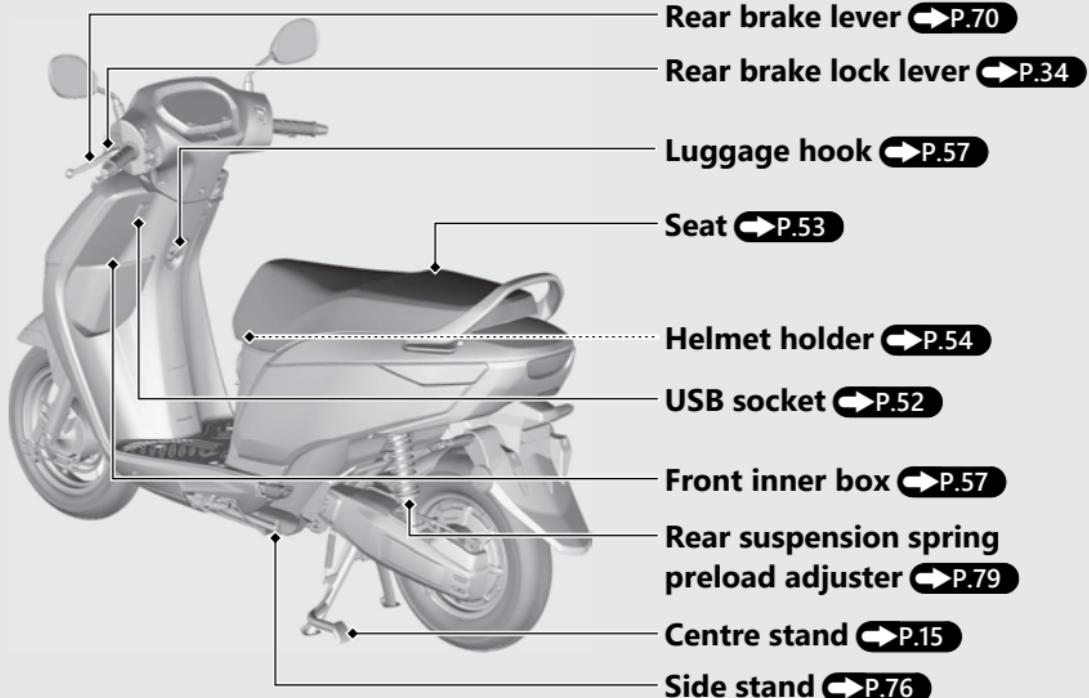
Gradually reapply throttle when exiting turn.



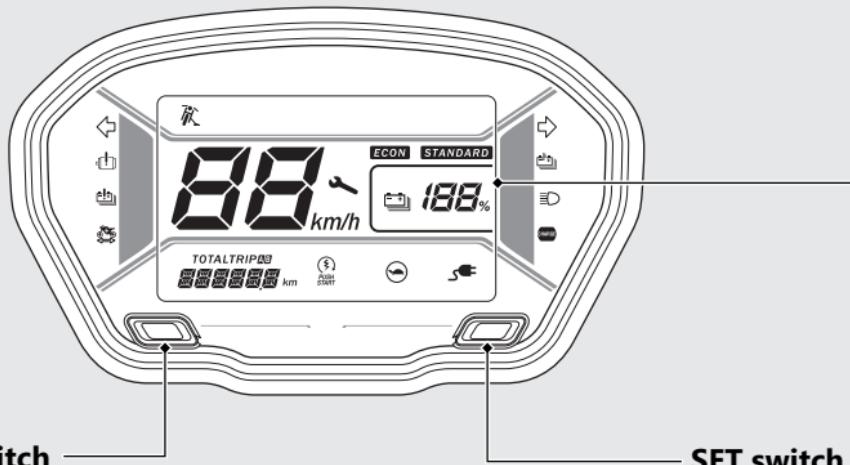
| Charging ➔ P.42

Parts Location



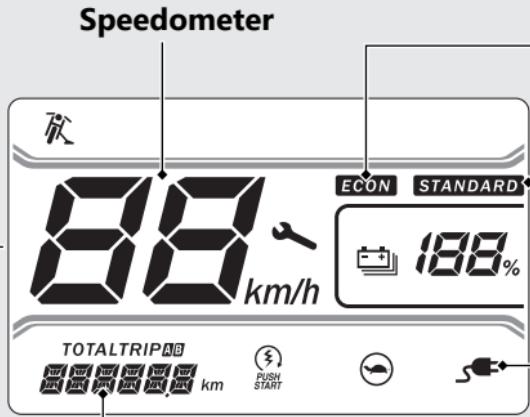


Instruments



Display Check

When the power switch is turned to the ON position, initial animation will show. If any part of these displays does not come on when it should, have your authorised dealer check for problems.



Speedometer

ECON indicator

Comes on when the ECON mode is on.

ECON mode ➔ P.35

STANDARD indicator

Comes on when the STANDARD mode is on.

STANDARD mode ➔ P.35

To change the riding mode ➔ P.36

Charger plug indicator

- Comes on when the battery for motor charger is connected to the vehicle.
- Goes off when the battery for motor charger is disconnected from the vehicle.

Odometer [TOTAL]/Tripmeter [TRIP A/B]

➔ P.26

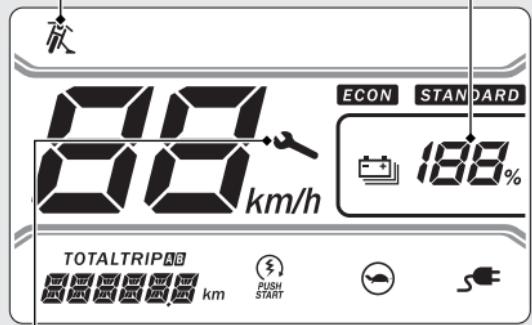
Press the SEL switch to select the odometer, tripmeter A or tripmeter B.

When "HOT" or "COLD" flashes ➔ P.82

Instruments (Continued)

Side Stand indicator

Comes on when the side stand is lowered.



Inspect battery for motor indicator

Notifies you about the degradation of the capacitance of the battery for motor. When this indicator flashes, go to your authorised dealer for service.

Battery for motor gauge

The remaining charge for the battery for motor appears.

The decrease in percentage of battery for motor charge differs based operating environment and how you drive.

When charge is low, you must charge your vehicle.

When "--" is flashes, go to your authorised dealer for service.

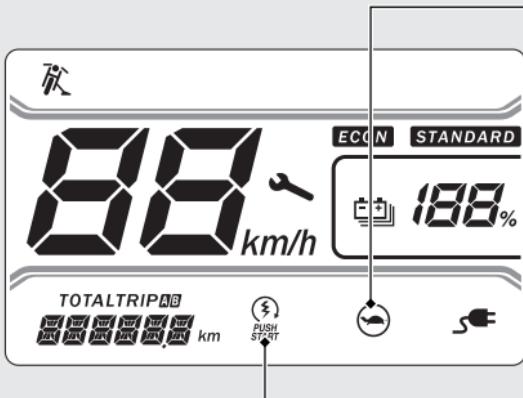
- If the remaining charge for the battery for motor falls below 19 %, the battery for motor gauge flashes, regardless of the riding mode.



- If the remaining battery charge for the battery for motor falls below 0%, you will not be able to drive your vehicle.

Battery for motor gauge failure indication

► P.89



Standby indicator

Flashes when the motor is inactive before push start switch is pressed.

When the standby indicator does not blink → P.81

Power limitation indicator

Comes on when the power is limited.

- ▶ When the power is limited, the motor performance declines, but you can still drive. The indicator automatically goes off when power limitation is no longer necessary.

The power is limited in any of the following cases.

- If the PCU or motor is very hot
- If the battery for motor is very hot or very cold
- If the remaining charge for the battery for motor falls below 29 % while using the ECON mode
- ▶ If the remaining charge for the battery for motor falls below 19 %, the power limitation indicator flashes.

When the indicator lights on an upslope

→ P.88

When the indicator lights on below 0 °C

→ P.88

Instruments *(Continued)*

| Odometer [TOTAL]

Total distance ridden.

When “-----” is displayed, go to your authorised dealer for service.

| Tripmeter A/B [TRIP A/B]

Distance ridden since the tripmeter was reset.

To reset tripmeter, press and hold SEL switch while tripmeter displayed.

When “----.-” is displayed, go to your authorised dealer for service.

Backlight brightness adjustment:

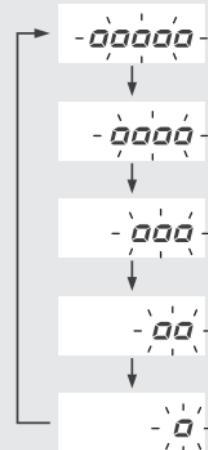
You can adjust the brightness to one of five levels.

- ① Turn the power switch to the ON position.
- ② Press and hold the SEL and SET switch, until the brightness adjustment display starts flashing.
- ③ Press the SEL switch. The brightness is switched.
- ④ Press and hold the SET switch. The backlight is set, and then the display returns to the ordinary display.

The display will return to the ordinary display by the following conditions.

Even in this case, items in the process of being set will be discarded.

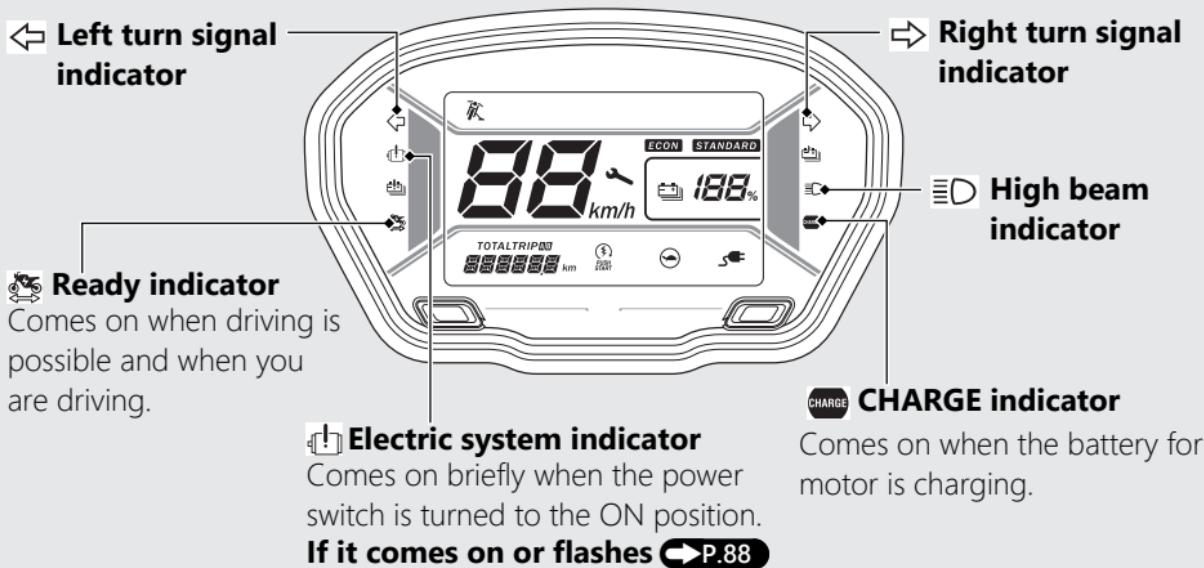
- The switch is not pressed for about 30 seconds
- Turn the power switch to the OFF position, then to the ON a position

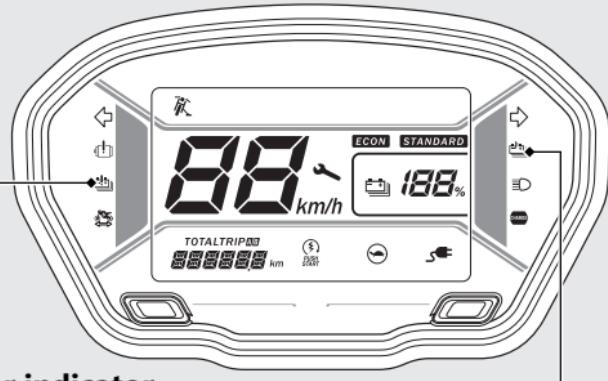


→ Press SEL switch

Indicators

If one of these indicators does not come on when it should, have your authorised dealer check for problems.





Battery for motor indicator

- Comes on briefly when the power switch is turned to the ON position.

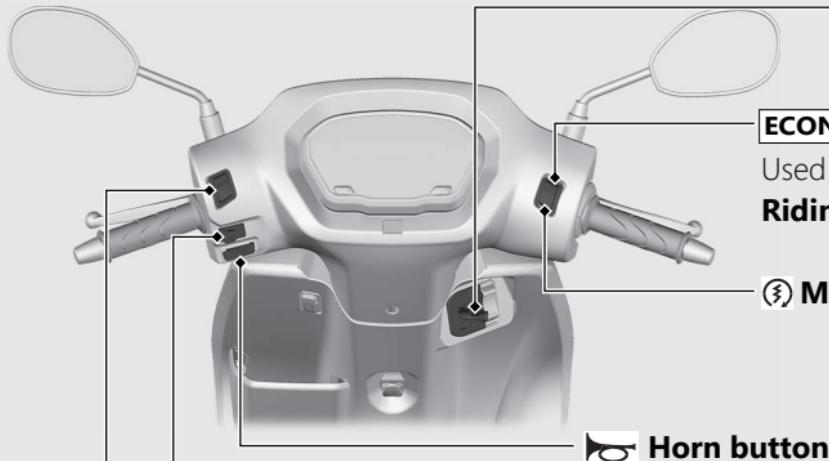
If it comes on while riding ➔ P.88

Battery for motor temperature indicator

- Comes on briefly when the power switch is turned to the ON position.
- Comes on or flashing when the battery for motor is over the specified temperature.

If it comes on or flashes and buzzer rings ➔ P.83

Switches



Turn signal switch

▶ Pressing the switch turns the turn signal off.

Headlight dimmer switch/Passing light control switch

- : High beam
- : Low beam
- **PASS** : Flashes the high beam headlight.

ECON/STD mode switch

Used for ECON mode ON / OFF

Riding mode ➔ P.35

Motor start button

① Power switch

Switches the electrical system on/off and locks the steering.

- ▶ Key can be removed when in the OFF or LOCK position.

SEAT

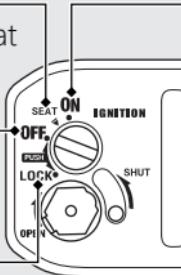
Operates the seat opener switch.

OFF

Turns electrical system off.

LOCK

Locks steering.



ON

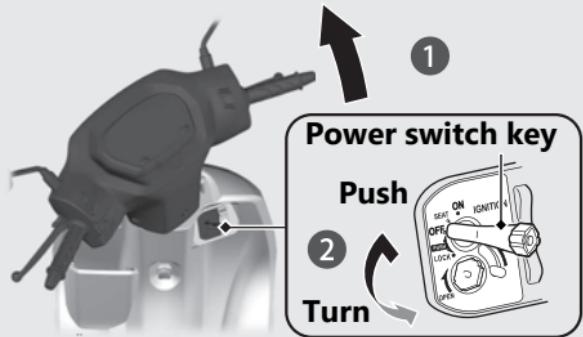
Turns electrical system on for starting/riding.

Switches (Continued)

Steering Lock

Lock the steering when parking to help prevent theft.

A U-shaped wheel lock or similar device is also recommended.



Locking

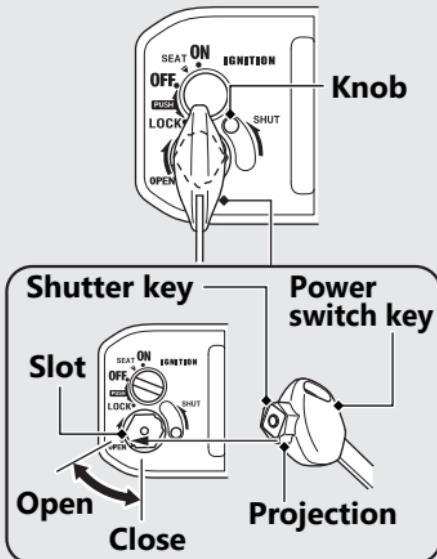
- ① Turn the handlebar all the way to the left.
- ② Push the power switch key in, and turn it to the LOCK position.
 - ▶ Jiggle the handlebar if the lock is difficult to engage.
- ③ Remove the power switch key.

Unlocking

Insert the key, push it in, and turn the power switch to the OFF position.

Shutter

The power switch for this vehicle is equipped with a shutter. After parking the vehicle, close the shutter for theft prevention.



Close

- ① Remove the power switch key from the power switch.
- ② Move the knob upward without the shutter key.
 - You can also close the shutter by aligning the projection of the shutter key with the slot of the shutter, and turning the shutter key counterclockwise.

Open

- ① Align the projection of the shutter key with the slot of the shutter.
- ② Turn the shutter key clockwise.

Rear Brake Lock

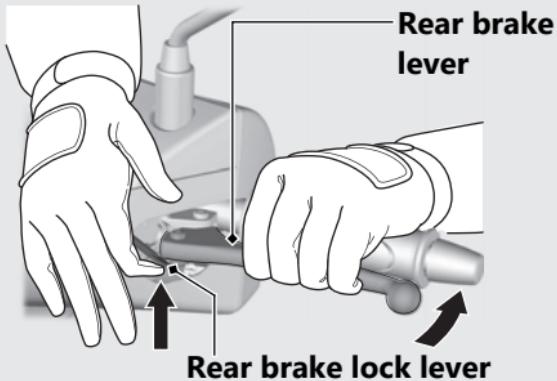
Be sure the rear brake lock is applied while activating the motor.

| Locking

Squeeze the rear brake lever and set the rear brake lock lever.

- The rear brake lock will not function if the rear brake is not adjusted properly.

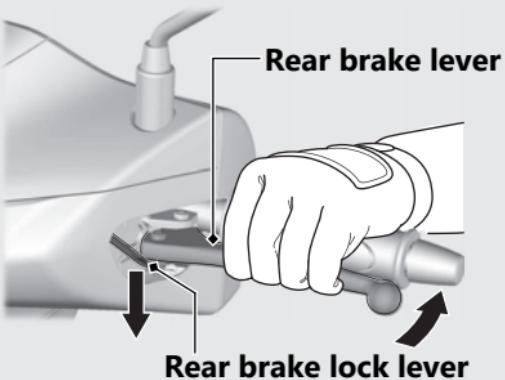
► P.70



| Unlocking

Squeeze the rear brake lever.

- Before riding, make sure that the rear brake lock is fully released so there is no drag on the rear wheel.



Riding mode

You can change the riding mode.

This vehicle has ECON mode and STANDARD mode.

STANDARD mode

This mode provides a balance between acceleration and cruising range in the normal use.

The motor output power will be reduced if the remaining battery for motor level falls below 19 %.

- ▶ The power limitation indicator flashes when the motor output power is limited.  P.25

ECON mode

This mode provides gentle acceleration and ease of handling to extend the cruising range.

The maximum speed is limited to about 30 km/h.

The motor output power will be reduced if the remaining battery for motor level falls below 29 %.

- ▶ The power limitation indicator flashes when the motor output power is limited.  P.25

Remaining charge for the battery for motor	Max speed	
	ECON mode	STANDARD mode
100 % - 30 %	30 km/h	50 km/h
29 % - 20 %	26.5 km/h	50 km/h
19 % - 0 %	26.5 km/h	26.5 km/h

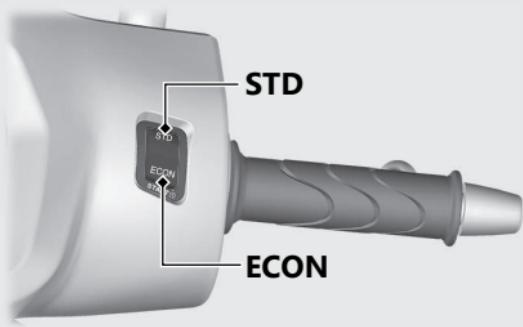
Riding mode *(Continued)*

Selecting the riding mode

Press the ECON or STD side of the

[ECON/STD] mode switch.

- ▶ If you press the [ECON/STD] mode switch while throttle is open, the riding mode does not change until throttle is fully closed.



Activating the Motor

Activating the motor allows you to drive.

This vehicle is equipped with a motor drive cut-off type side stand.

- ▶ The motor will not activate while the side stand is lowered. Always put the side stand up before activating the motor.
- ▶ The motor will stop if you try to use the side stand while the motor is running.

NOTICE

If the vehicle is over-turned, you must first turn the power switch to the OFF position and then inspect the vehicle carefully.

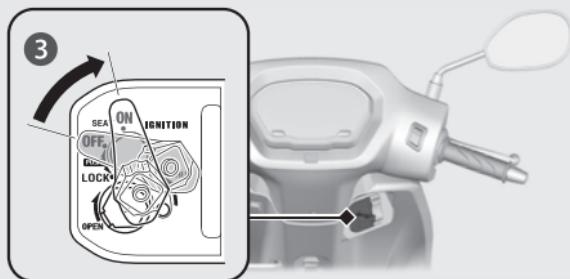
① Place the vehicle on its centre stand.

► P.15

② Lock the rear brake lock. ► P.34

► The motor will only activate when the brake lever is squeezed.

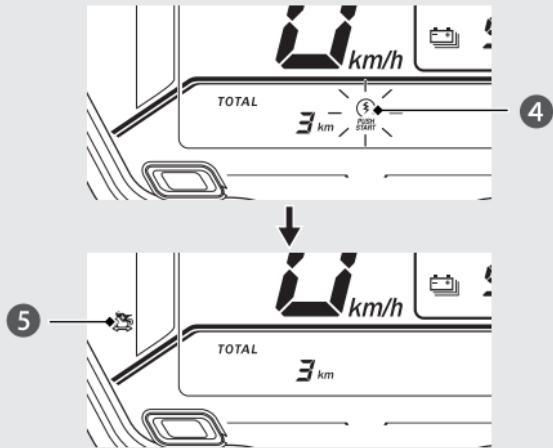
③ Turn the power switch to the ON position.



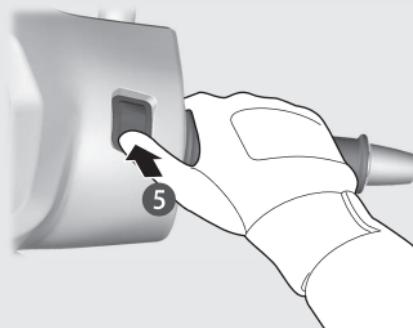
Activating the Motor (Continued)

- ④ Check the standby indicator is flashing.
- ▶ If the standby indicator is not flashing, the motor cannot activate.

When the standby indicator does not flash ➔ P.81



- ⑤ While the throttle grip is completely closed, press the motor start button.
- ▶ When the motor activates, the ready indicator comes on. You can now drive your vehicle. ➔ P.39
 - ▶ Release the motor start button as soon as the ready indicator comes on.



When the Motor Does Not Operate

➔ P.81

Riding

Starting the Vehicle

Make sure that the ready indicator comes on. If the ready indicator does not come on, the vehicle cannot start. Activate the motor.

► P.37

- Push the vehicle forward off the centre stand.

- ▶ Lock the rear brake lock.
- ▶ Keep throttle closed.

Make sure the side stand and centre stand are up.

- ▶ Do not turn the throttle grip while the side stand is down.

- Get on the vehicle.

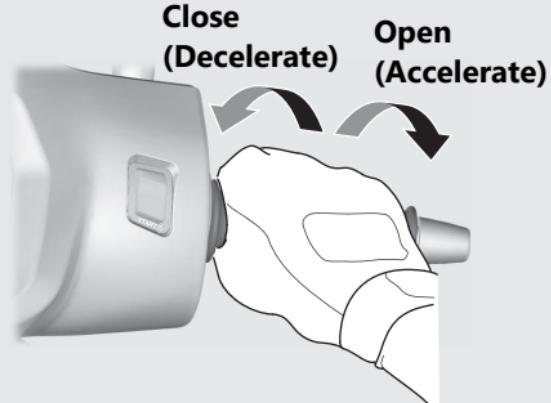
- ▶ Mount the vehicle from the left side, keeping at least one foot on the ground.

- Release the rear brake lock.

- Acceleration and deceleration

To accelerate: Open the throttle slowly.

To decelerate: Close the throttle.



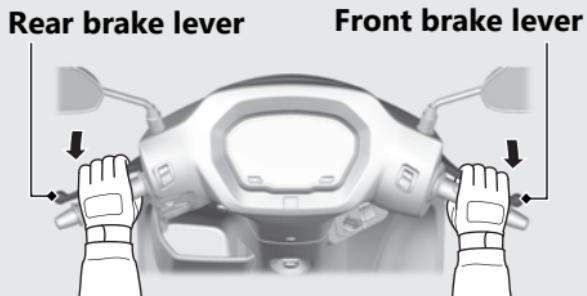
Riding *(Continued)*

Braking

Close the throttle and apply the front and rear brake levers together.

Do not apply the brake lock while riding.

It may cause the wheel to lock, reducing control of the vehicle.



Battery for Motor

Please use the battery for motor specified by Honda for your vehicle.

WARNING

Mishandling the battery for motor could result in electric shock or fire, which may kill or seriously hurt you.

Follow the instructions described in this manual.

Charging the Battery for Motor

Always use an authentic Honda charger to charge the battery for motor.

WARNING

Using anything other than the battery for motor charger included with the vehicle or a specified charger to charge the battery for motor could result in smoke or fire, which may kill or seriously hurt you.

Always use the battery for motor charger included with the vehicle or a specified charger.

The battery for motor charger produces electro-magnetic radiation during charging.

WARNING

The electro-magnetic radiation produced during charging may affect the operation of electronic medical devices, which may kill or seriously hurt you.

Before they charge the battery for motor, people using electronic medical devices, such as implanted cardiac pacemakers or implanted cardioverter defibrillators, should check with their physician or the manufacturer of the electronic medical device about the effects of charging.

Prohibitions when Charging

Do not disassemble or modify the battery for motor.

Do not charge the battery for motor in the following locations.

- Locations where there is flammable gas or combustible materials.
- Locations that are very cold or very hot, such as in direct sunlight or near a heater.
- Locations exposed to rain or water.
- Locations where children or pets might play with them.

Follow the rules below when charging the battery for motor.

- Do not charge where there is the risk of a lightning storm.
- Do not use a charging plug for automobiles, a DC/AC inverter, or a generator for charging.

- Charge from an electric outlet that is connected to an electric leakage circuit breaker.
- Do not charge if the electric outlet is loose.
- Do not charge if the charging cable, DC plug, AC plug or the electric outlet is damaged or deformed.
- Do not charge while the charging cable, DC plug, AC plug or the electric outlet is dusty, dirty, or rusty.
- Do not plug too many power cords into one electric outlet.
- Do not charge while the vehicle is covered.
- Do not charge while the charging cable is wound up.
- Do not crush the charging cable by standing or placing heavy objects on it.
- Do not touch the terminals on the charging port.

Charging the Battery for Motor *(Continued)*

- Do not touch the charging cable, DC plug and AC plug if your hands are wet.
- Do not splash or submerge the vehicle or charging cable, battery for motor charger, DC plug and AC plug in water.
 - If the charging cable, battery for motor, battery for motor charger or the vehicle is submerged in water while you are charging, do not touch the charging cable, charger or the vehicle. Contact your authorised dealer.
- Do not subject the charging cable, battery for motor charger, DC plug, AC plug or vehicle to excessive physical shock.
- Stop charging immediately if you smell anything unusual or see smoke.
- Do not leave the charging cable plugged into the electric outlet and charging port after you finish charging.
- Do not pull on the cable when you pull out the AC plug and DC plug.

- Do not repeatedly charge after you finish charging.
- Do not move the vehicle when the charging cable is plugged into the electric outlet and charging port.
- Do not handle the vehicle where there is an increased risk of electrocution (e.g. with wet skin or bare feet) when the charging cable is plugged into an electrical outlet and charging port.

If inspections or repairs are needed, contact your authorised dealer.

WARNING

Incorrectly charging the battery for motor could result in electric shock or fire, which may kill or seriously hurt you.

Follow the procedures and instructions described in this manual regarding how to charge the battery for motor.

Where to Charge

Charge the battery for motor in the following locations.

- Level location where the vehicle is stable.
- Well ventilated location that is not damp.

Operating temperature for charging:

0 to 40 °C

If you connect the battery for motor charger when the battery for motor temperature is below -10 °C, "COLD" is displayed on the meter and charging is not possible.

- Charging outside the recommended temperature range may reduce charging capacity and cruising distance.

About the Power Source

220 - 240 VAC electric outlet: IEC Type D

If you are using an outdoor electric outlet, use one that is protected from rain.

If using electric outlet with voltage out of range, it will cause the charger to be broken. Check proper output is coming from electric outlet before using the charger.

Charging Time

To charge the battery for motor from zero to a full charge, requires about seven hours.

- The charge time may be longer in high or low temperatures.
- If the charging time exceeds 8 hours, charging will stop.
- Please charge the battery again if charge is incomplete.

Charging the Battery for Motor (Continued)

Precautions when Charging

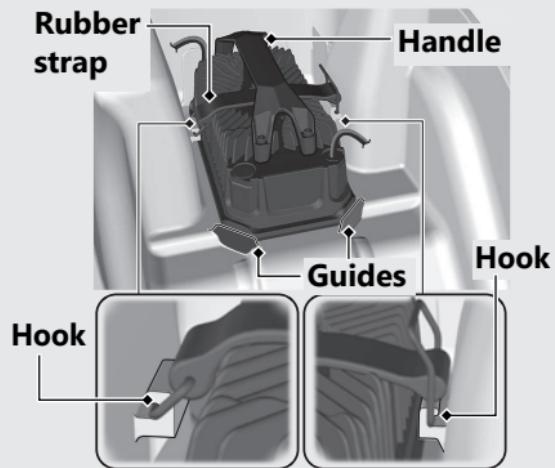
- When you plug the AC plug into the electric outlet, be sure to plug it all the way in.
- Charging the battery for motor when it is cold results in a low charge.
 - If the battery is cold, you can recover the charge by charging the battery for motor while they are warm after you have been riding.
- Always charge the battery for motor until they are full. If you do not fully charge them, then the battery for motor gauge may not work correctly.
- The charging cable becomes hot during charging, but this is not a problem.
- You may hear static on the radio during charging.
- Charging stops during a power outage.

Storing the Battery for motor charger

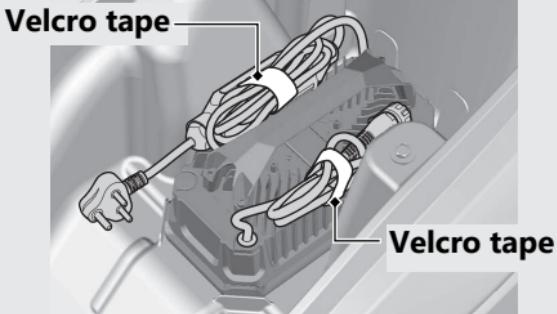
When you are not charging, store the battery for motor charger in the centre compartment and close the charging port cover.

- Store the charger in the centre compartment only when parked.

- ① Open the seat. ➔ P.53
- ② Place the battery for motor charger along the guides.



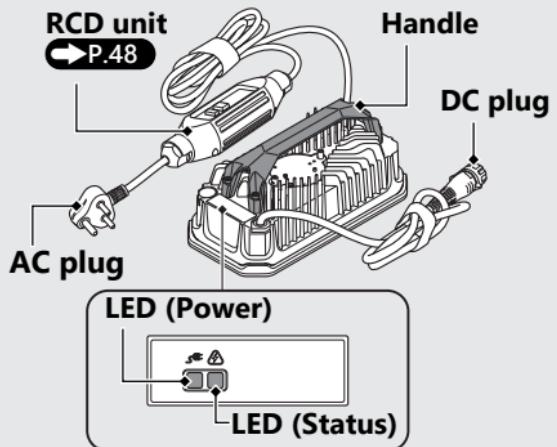
- ③ Pass the rubber strap between the handle and the battery for motor charger and secure it to the hook on the centre compartment.
▶ The rubber strap can be used to secure other items when the battery for motor charger is not stored.
- ④ Bundle the charging cable by the velcro tape and place them on top of the battery for motor charger.



NOTICE

Do not store the charger in the centre compartment when ride the vehicle. It may be damaged by vibration while riding.

Name of battery for motor charger parts



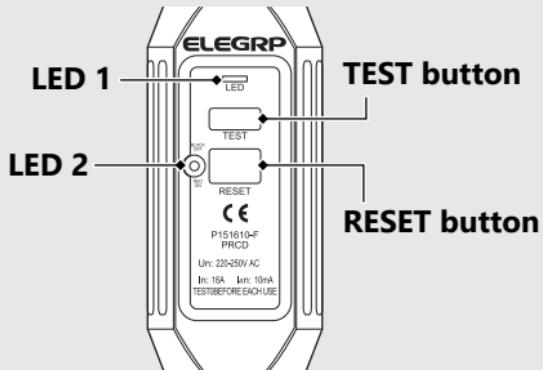
- ▶ The LED (Status) blinks 1 time/second when charging.
The LED (Status) stay lit when charging is completed.
- ▶ The LED (Power) comes on when AC plug is connected to the electrical outlet.
- ▶ When LED (status) blinks at higher rate of 2 times/second with a interval of 2 second between, contact your authorised dealer.

Charging the Battery for Motor *(Continued)*

RCD unit

The RCD Unit is a leakage current breaker. It will cut off the power to protect the internal circuit if it detects a leakage current (water, etc. that causes it). After removing the cause of the leakage current, press the RESET button to resume charging.

- If the LED 2 comes on, the internal circuit protection may not be working, contact your authorised dealer.



The TEST button can be used to temporarily cut off the electrical circuit. After pressing the TEST button, press the RESET button to resume charging.

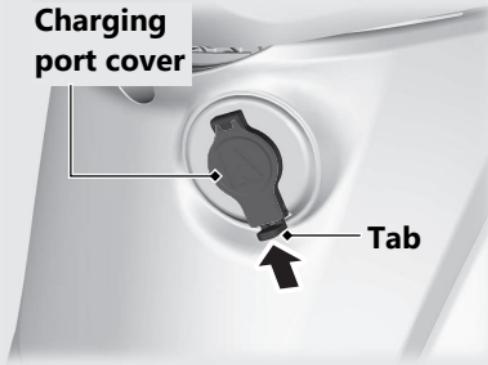
The LED 1 comes on when connect the AC plug to the electrical outlet. If the LED 1 does not come on, press the RESET button. The LED 1 will come on.

- If the LED 1 does not come on even after pressing the RESET button, contact your authorised dealer.

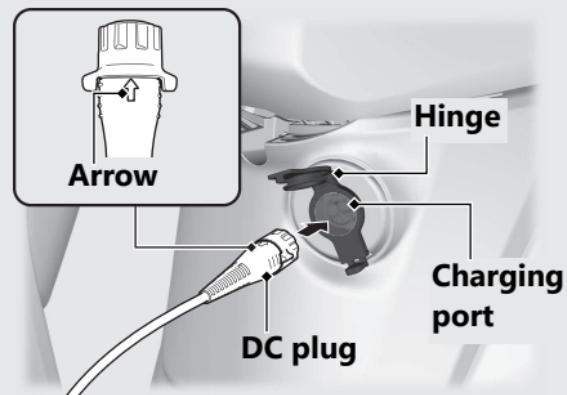
Procedure to Start Charging

Make sure the power switch is in the OFF or LOCK position.

- ① Place your vehicle on its centre stand on a firm, level surface.
- ② Open the seat and take out the charger.
- ③ Press the tab to open the charging port cover.



- ④ Plug the DC plug to the charging port so that the arrow points to the hinge of the charging port cover.
► Insert the DC plug until it clicks.



Charging the Battery for Motor (Continued)

- ⑤ Plug the AC plug to the electric outlet.
 - ▶ If you are using an extension cord, follow the warnings noted in the instruction manual for the extension cord.
 - ▶ Charging starts when the charger plug indicator and the CHARGE indicator come on after the initial animation appears on the meter display.

When charging is complete, the meter display will turn off.

- ▶ The charging status can also be checked by the LED display on the battery for motor charger. ➡P.47

Procedure to Stop Charging

- ① Unplug the AC plug from the electric outlet.
- ② Turn the tab counter clockwise and then remove the DC plug from the charging port.



- ③ Close the charging port cover.
 - ▶ To prevent entry of foreign matter into the socket, be sure to close the charging port cover when the charging port is not used.
- ④ Store the battery for motor charger.
➡P.46

Charging Screen

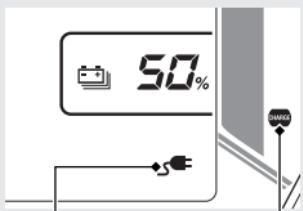
Shows the remaining charge for the battery for motor while charging.

When connecting the DC plug to the vehicle and AC plug to the electric outlet, the meter will show the charging status after the initial animation appears.

- The charging status can also be checked by the LED display on the battery for motor charger.

► P.47

DC plug and AC plug connected (Charging)



Charger plug indicator (Turns on)



DC plug and AC plug connected (Charging is completed)



Meter display turns off

► If the battery for motor is Not Charged ► P.84

USB Socket

The USB socket is provided left side below the handlebar.

Use USB devices at your own risk. In no event shall Honda be liable for any damages to your USB device when in use.

Only USB devices within the following specifications can be connected. USB type-C connectors can be used.

Rated capacity is **15.0 W (5 V, 3.0 A)**.



- ▶ When the USB socket is used, turn the power switch to the ON position.
- ▶ To prevent entry of foreign matter into the socket, be sure to close the cover when the socket is not used.

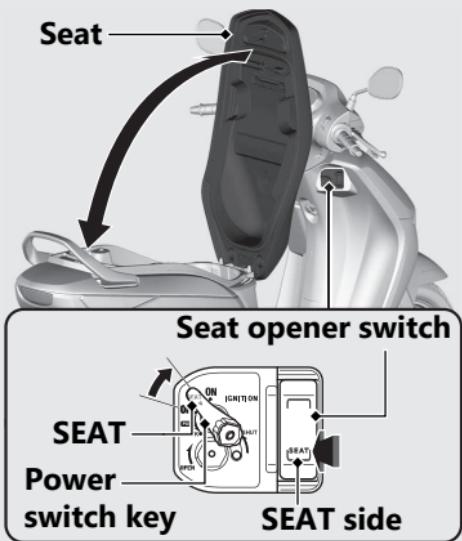
Carefully secure all connected devices, as vibration may cause damage to them or they could shift unexpectedly.

NOTICE

- Using any heat-generating accessory or improperly rated accessory can damage the socket.
- Do not use the socket in wet conditions, when or while washing or any other wet conditions as these will damage the socket.
- Do not allow the accessory's harness to become pinched or trapped.
- Do not allow the accessory's harness to interfere with the steering or controls.

Storage Equipment

Seat



Seat Open

- 1 Turn the handlebar pointed straight ahead.
- 2 Insert the power switch key and turn it to the SEAT position.
- 3 Push the SEAT side of the seat opener switch.
- 4 Open the seat.

Seat Close

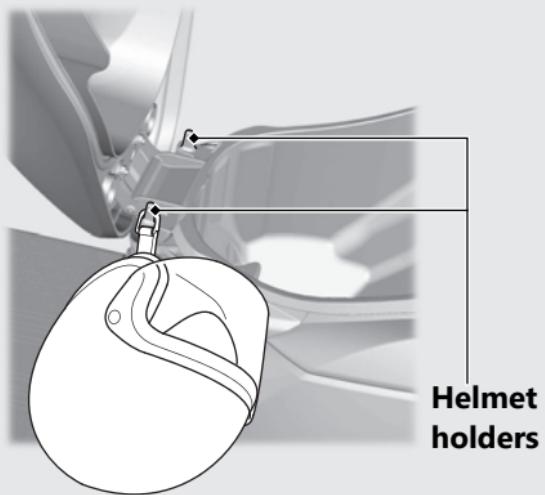
Close and push down on the rear of the seat until it locks. Make sure that the seat is locked securely by pulling it up lightly.
Take care not to lock your key in the compartment under the seat.

Storage Equipment (Continued)

Helmet Holder

The helmet holders are located under the seat.

- ▶ Use the helmet holder only when parked.



WARNING

Riding with a helmet attached to the holder can interfere with your ability to safely operate the vehicle and could lead to a crash in which you can be seriously hurt or killed.

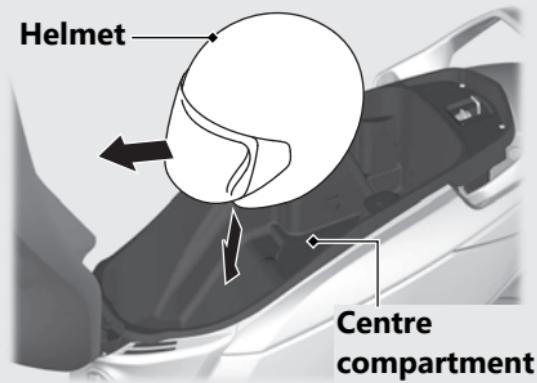
Use the helmet holder only while parked. Do not ride with a helmet secured by the holder.

| Opening the seat ➔ P.53

A helmet can be stored in the centre compartment.

Set in the front of the helmet forward.

- ▶ Some helmets may not fit in the compartment due to their size or design.



Centre compartment

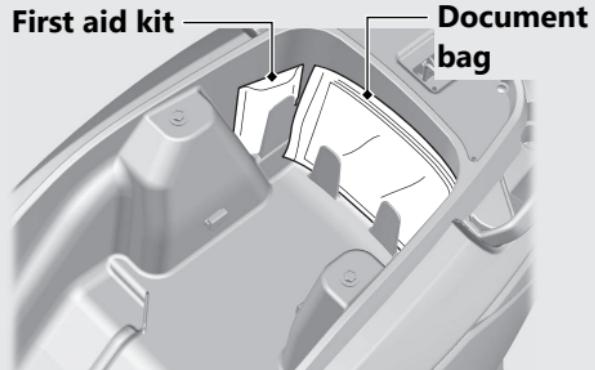
Never exceed the maximum weight limit.

Maximum Weight: 10 kg (22 lb)

- ▶ Do not store any items that are flammable or susceptible to heat damage.
- ▶ Do not store valuables or fragile articles.

Document Bag/First Aid Kit

The document bag and first aid kit are stored in the centre compartment.



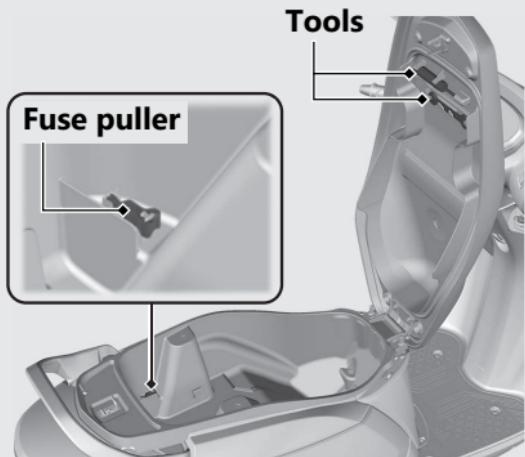
| Opening the seat ➔ P.53

Storage Equipment (Continued)

Tools/Fuse puller

The tools are located underside of the seat.

The fuse puller is located in the centre compartment.



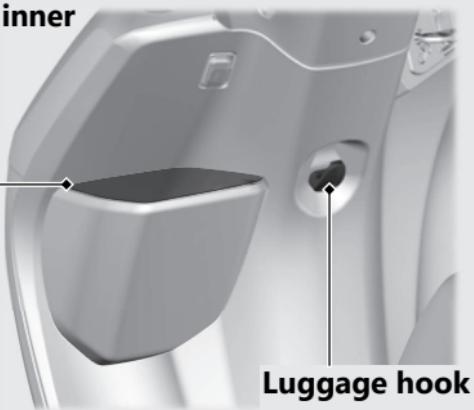
| Opening the seat ➔ P.53

Luggage Hook/Front inner box

The luggage hook is provided below the handlebar and the front inner box is provided left side below the handlebar.

- ▶ Do not attach a large bag or other item that can interfere with the movement of your feet.

Front inner box



The maximum allowable load on the luggage hook shall be no more than **1.5 kg (3 lb)**.

The maximum allowable load on the front inner box shall be no more than

0.5 kg (1 lb).

NOTICE

Do not store valuables or fragile articles in the front inner box.

Maintenance

Please read "Importance of Maintenance" and "Maintenance Fundamentals" carefully before attempting any maintenance. Refer to "Specifications" for service data.

Importance of Maintenance	P. 59
Maintenance Schedule.....	P. 60
Maintenance Fundamentals	P. 63
Tools	P. 69
Brakes	P. 70
Side Stand	P. 76
Throttle	P. 77
Other Adjustments.....	P. 78
Adjusting the Headlight Aim	P. 78
Adjusting the Rear Suspension	P. 79

Importance of Maintenance

Importance of Maintenance

Keeping your vehicle well-maintained is absolutely essential to your safety and to protect your investment, obtain maximum performance and avoid breakdowns.

Maintenance is the owner's responsibility. Be sure to inspect your vehicle before each ride and perform the periodic checks specified in the Maintenance Schedule. ☐ P. 60

WARNING

Improperly maintaining your 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 schedules in this owner's manual.

Maintenance Safety

Always read the maintenance instructions before you begin each task and make sure that you have the tools, parts, and skills required. 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.

Follow these guidelines when performing maintenance.

- Turn the power switch to the OFF position and remove the power switch key.
- Place your vehicle on a firm, level surface using the side stand, centre stand or a maintenance stand to provide support.
- Allow the area near the motor, the brakes, and other high-temperature parts to cool before servicing as you can get burned.

Maintenance Schedule

The maintenance schedule specifies the maintenance requirements necessary to ensure safe and dependable performance.

Maintenance work should be performed in accordance with Honda's standards and specifications by properly trained and equipped technicians. Your authorised dealer meets all of these requirements. Keep an accurate record of maintenance to help ensure that your vehicle is properly maintained.

Make sure that whomever performs the maintenance completes this record.

All scheduled maintenance is considered a normal owner operating cost and will be charged to you by your authorised dealer. Retain all receipts. If you sell the vehicle, these receipts should be transferred with the vehicle to the new owner.

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

Items	Pre-ride Check P. 63	Frequency *1								Annual Check	Regular Replace	Refer to page
		x 1,000 km	1	6	12	18	24	30	36			
		x 1,000 mi	0.6	4	8	12	16	20	24			
		Months	1	6	12	18	24	30	36			
Honda Diagnostic System												-
Battery for EV Motor												-
Battery Level for EV Motor												24
Throttle Operation												77
Brake Shoes Wear												70, 75
Brake System												63
Brake Lock Operation												34, 70
Headlight Aim												-
Lights/Horn												63
Side Stand												76

Maintenance Level

: Intermediate. We recommend service by your authorised dealer, unless you have the necessary tools and are mechanically skilled.

Procedures are provided in an official Honda Shop Manual.

: Technical. In the interest of safety, have your vehicle serviced by your authorised dealer.

Maintenance Legend

: Inspect (clean, adjust, lubricate, or replace, if necessary)

Maintenance Schedule

Items	Pre-ride Check P. 63	Frequency *1								Annual Check	Regular Replace	Refer to page
		× 1,000 km	1	6	12	18	24	30	36			
		× 1,000 mi	0.6	4	8	12	16	20	24			
		Months	1	6	12	18	24	30	36			
Suspension												-
Nuts, Bolts, Fasteners												-
Wheels/Tyres												-
Steering Head Bearings												-

Notes:

*1 : At higher odometer reading, repeat at the frequency interval established here.

Pre-ride Inspection

To ensure safety, it is your responsibility to perform a pre-ride inspection and make sure that any problem you find is corrected. A pre-ride inspection is a must, not only for safety, but because having a breakdown, or even a flat tyre, can be a major inconvenience.

Check the following items before you get on your vehicle:

- Battery for motor charge - Check remaining charge for the battery for motor, charge if necessary ➤ P. 24, ➤ P. 42
- Throttle - Check for smooth opening and full closing in all steering positions. ➤ P. 77
- Brakes - Check operation;
Front and Rear: check shoes wear and freeplay, adjust if necessary ➤ P. 75, ➤ P. 70

- Lights and horn - Check that lights, indicators and horn function properly.
- Side stand motor drive cut-off system - Check for proper function. ➤ P. 76
- Wheels and tyres - Check condition, air pressure and adjust if necessary. ➤ P. 66

Replacing Parts

Always use Honda Genuine Parts or their equivalents to ensure reliability and safety.

WARNING

Installing non-Honda parts may make your vehicle unsafe and cause a crash in which you can be seriously hurt or killed.

Always use Honda Genuine Parts or equivalents that have been designed and approved for your vehicle.

Battery for Motor

If you use the battery for motor for an extended time, their capacitance will steadily degrade. Therefore, the mileage becomes shorter compared to when you started using your vehicle as when it was new.

If the battery for motor falls less than a certain capacitance, the inspect battery for motor indicator comes on.

| What to do in an emergency

If any of the following occur, immediately see your doctor.

- Electrolyte splashes into your eyes:
 - ▶ Wash your eyes repeatedly with cool water for at least 15 minutes. Using water under pressure can damage your eyes.
- Electrolyte splashes onto your skin:
 - ▶ Remove affected clothing and wash your skin thoroughly using water.

- Electrolyte splashes into your mouth:
 - ▶ Rinse mouth thoroughly with water, and do not swallow.

WARNING

The battery for motor contains combustible organic solvents as an electrolyte solution. Mistakenly handling the battery for motor may result in burns or serious injuries.

- Keep the battery for motor away from sparks, open flames, and heat sources that cause high temperatures.
- Keep the battery for motor out of the reach of children.
- Do not disassemble or modify the battery for motor.
- Do not subject the battery for motor to excessive physical shock.

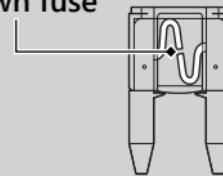
Fuses

Fuses protect the electrical circuits on your vehicle. If something electrical on your vehicle stops working, check for and replace any blown fuses. ➤ P. 92

Inspecting and Replacing Fuses

Turn the power switch to the OFF position to remove and inspect fuses. If a fuse is blown, replace with a fuse of the same rating. For fuse ratings, see "Specifications." ➤ P. 104

Blown fuse



NOTICE

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

If a fuse fails repeatedly, you likely have an electrical fault. Have your vehicle inspected by your authorised dealer.

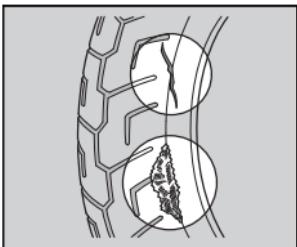
Tyres (Inspecting/Replacing)

I Checking the Air Pressure

Visually inspect your tyres and use an air pressure gauge to measure the air pressure at least once a month or any time you think the tyres look low. Always check air pressure when your tyres are cold.

I Inspecting for Damage

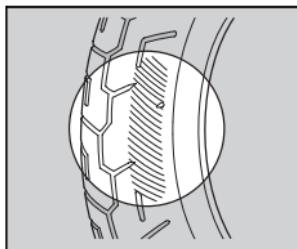
Inspect the tyres for cuts, slits, or cracks that expose fabric or cords, or nails or other foreign objects embedded in the side of the tyre or the tread.



Also inspect for any unusual bumps or bulges in the side walls of the tyres.

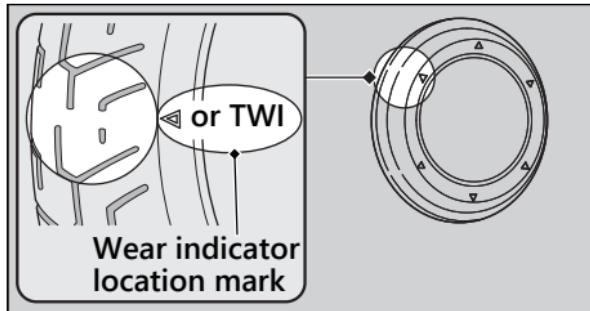
I Inspecting for Abnormal Wear

Inspect the tyres for signs of abnormal wear on the contact surface.



Inspecting Tread Depth

Inspect the tread wear indicators. If they become visible, replace the tyres immediately.



WARNING

Riding on 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.

Maintenance Fundamentals

Have your tyres replaced by your authorised dealer.

For recommended tyres and air pressure, see "Specifications." ➤ P. 103

Follow these guidelines whenever you replace tyres:

- Use the recommended tyres or their equivalents of the same size, construction, speed rating, and load range.
- Do not install a tube inside a tubeless tyre on this vehicle. Excessive heat build-up can cause the tube to burst.
- Use only tubeless tyres on this vehicle. The rims are designed for tubeless tyres, and during hard acceleration or braking, a tube-type tyre could slip on the rim and cause the tyre to rapidly deflate.

WARNING

Installing improper tyres on your vehicle can adversely affect handling and stability, and 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.

Tools

The tools are stored in the centre compartment and underside of the seat. ➔ P. 56

You can perform some roadside repairs, minor adjustments and parts replacement with the provided tools.

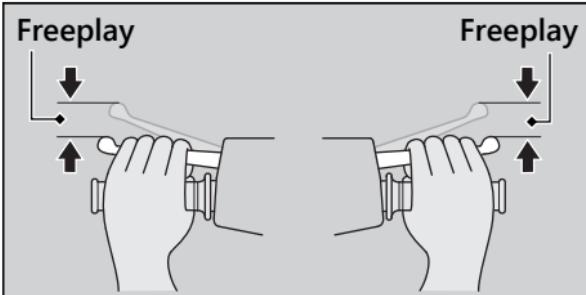
- Fuse puller
- Standard/Phillips screwdriver
- Screwdriver handle
- 12 × 14 mm Open end wrench

Inspecting the Brake Lever Freeplay

1. Place your vehicle on its centre stand on a firm, level surface.
2. Measure the distance the front and rear brake levers move before each brake takes hold.

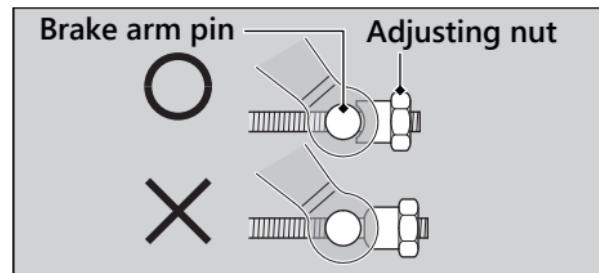
Freeplay at the tip of the brake levers:

10 - 20 mm (0.4 - 0.8 in)



Adjusting the Brake Lever Freeplay

Adjust the freeplay of the brake levers with the front wheel pointed straight ahead in the order of front brake followed by rear brake. Make sure the cut-out on the adjusting nut is seated on the brake arm pin when adjusting the freeplay.

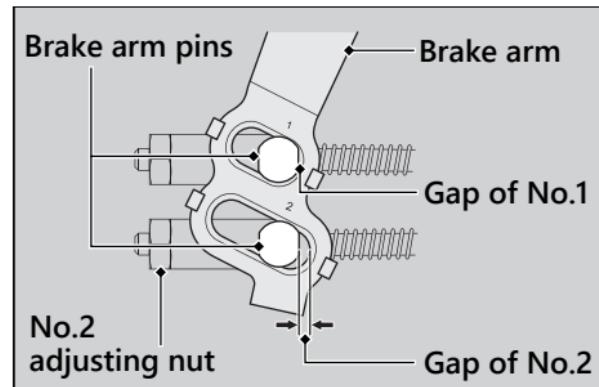
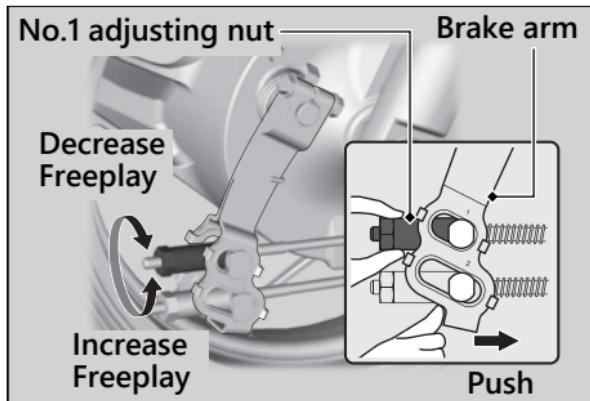


If proper adjustment cannot be obtained by this method, see your dealer.

Brakes ► Adjusting the Brake Lever Freeplay

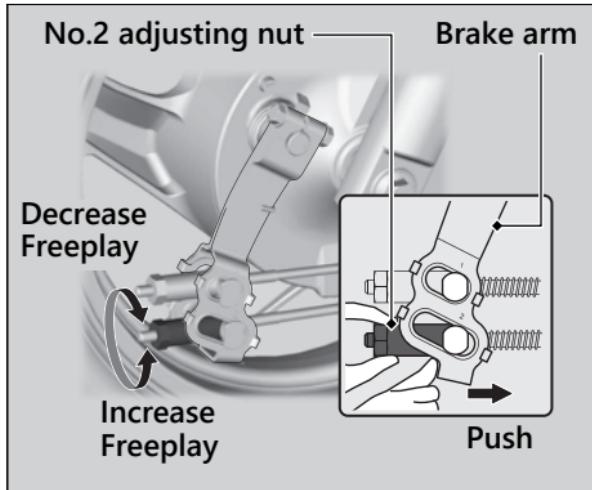
- Turn the No.1 adjusting nut a half-turn at a time while firmly pushing the brake arm. Check the freeplay of the front brake lever after turning the adjusting nut clockwise (less freeplay) by hand until the nut no longer turns.

► If the freeplay of the front brake lever is out of the specified range, readjust the freeplay by rotating the No.1 adjusting nut.
- Without pushing the rear brake arm, adjust No.2 adjusting nut so that the gaps between the brake arm and brake arm pin for No.1 and No.2 are as follows.
 Gap of No.1 : no gap
 Gap of No.2 : within 1 mm (0.04 in)

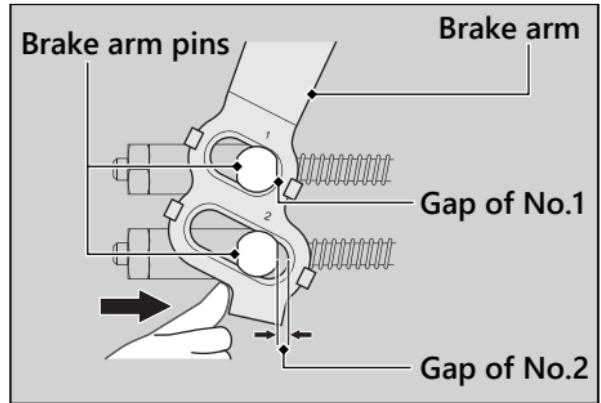


Brakes ► Adjusting the Brake Lever Freeplay

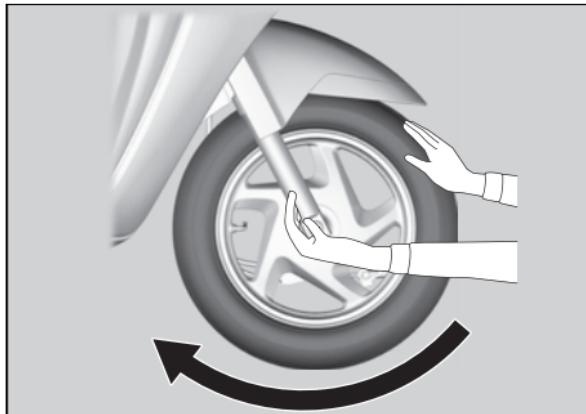
To adjust No.2 adjusting nut, turn the No. 2 adjusting nut a half-turn at a time while firmly pushing the brake arm.



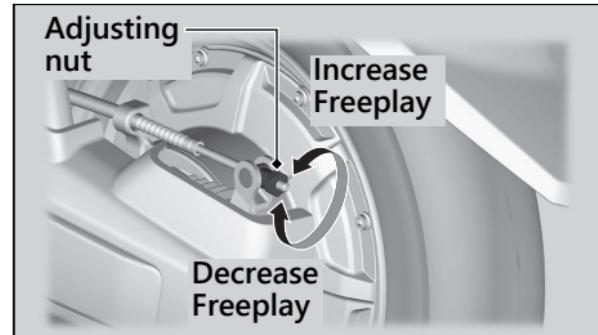
3. While pushing the front brake arm, confirm there is a gap between the brake arm and brake arm pin for No.1 and No.2.



4. Apply the brakes several times and check for free wheel rotation after the front and rear brake levers are released.

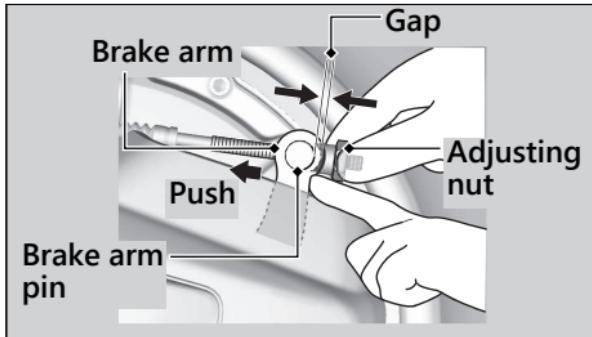


5. Adjust the freeplay of the rear brake lever by turning the rear brake adjusting nut a half-turn at a time.

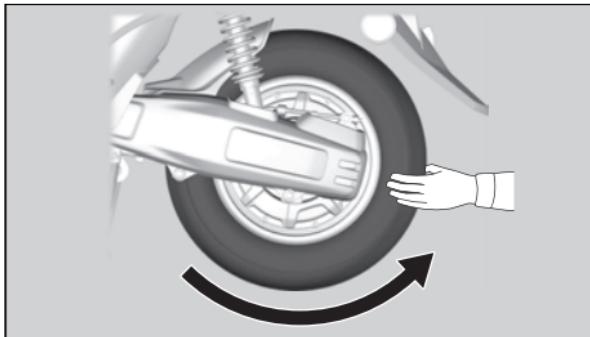


Brakes ► Adjusting the Brake Lever Freeplay

6. Push the brake arm to confirm that there is a gap between the rear brake adjusting nut and brake arm pin.



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



After adjustment, confirm the freeplay of the brake levers.

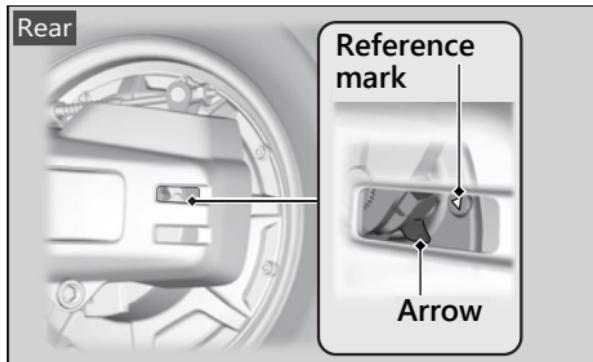
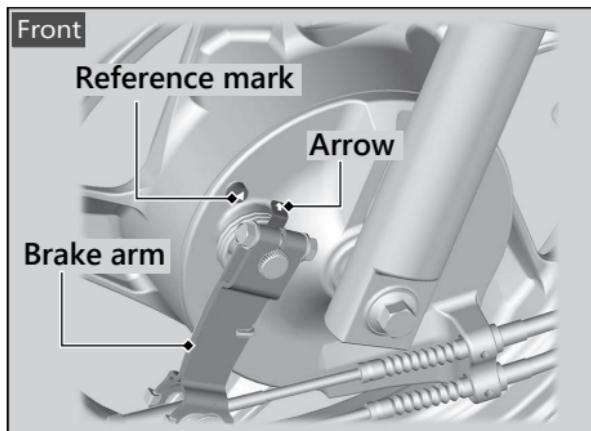
NOTICE

Do not turn the adjusters beyond its natural limits.

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

Inspecting the Brake Shoe Wear

The front and rear brake are equipped with a brake wear indicator.

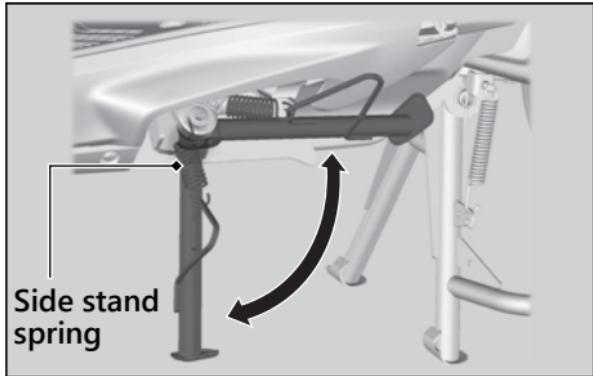


When the brake is applied, an arrow attached to the brake arm moves toward a reference mark on the brake panel. If the arrow aligns with the reference mark on full application of the brake, the brake shoes must be replaced.

See your authorised dealer for this service.

When brake service is necessary, see your authorised dealer. Use only Honda Genuine Parts or their equivalent.

Checking the Side Stand



1. Place your vehicle on its centre stand on a firm, level surface.
2. Check that the side stand operates smoothly. If the side stand is stiff or squeaky, clean the pivot area and lubricate the pivot bolt with clean grease.
3. Check the spring for damage or loss of tension.
4. Sit on the vehicle and raise the side stand.
5. Activate the motor.
6. Lower the side stand all the way. The motor will not run, even if you open the throttle grip. If the motor does not stop and you can still drive your vehicle, have it inspected by your authorised dealer.

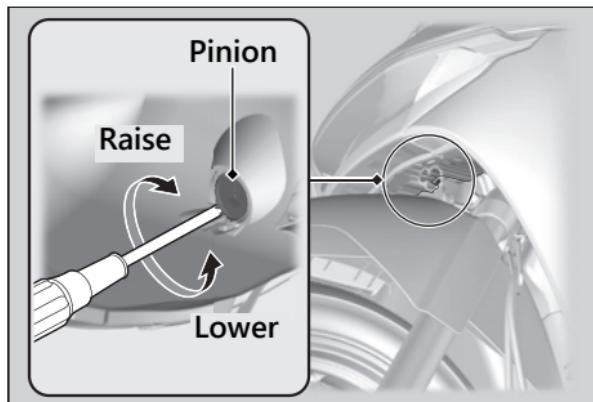
Checking the Throttle

With the power switch is in the OFF position, check that the throttle rotates smoothly from fully closed to fully open. If the throttle does not move smoothly or close automatically, have the vehicle inspected by your authorised dealer.

Adjusting the Headlight Aim

You can adjust vertical aim of the headlights for proper alignment. Turn the pinion in or out as necessary using provided Phillips screwdriver. ▶ P. 69

Obey local laws and regulations.



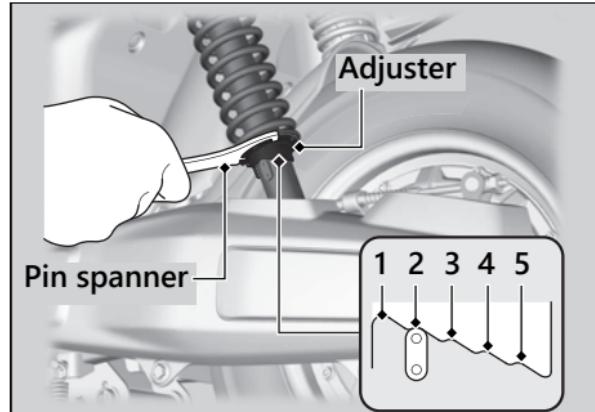
Adjusting the Rear Suspension

Adjusting the suspension requires a pin spanner. We recommend that you have your vehicle serviced by your authorised dealer.

Spring Preload

You can adjust the spring preload by the adjuster to suit the load or the road surface. Use the pin spanner and extension bar to turn the adjuster.

Position 1 to 2 are for a decrease spring preload (soft), or turn the position 4 to 5 increase spring preload (hard). The standard position is 3.



NOTICE

Attempting to adjust directly from 1 to 5 or 5 to 1 may damage the shock absorber.

NOTICE

Do not turn the adjuster beyond its limits. Adjust both left and right shock absorbers to the same spring preload.

Troubleshooting

Electric Vehicle Does Not Drive	P. 81
Battery for Motor is Not Charged	P. 84
Warning Indicators On or Flashing	P. 88
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Electric Vehicle Does Not Drive

When the Display Does Not Appear Even When You Put the Power Switch in the ON Position

Check the following items:

- Is there any charge remaining for the battery for motor? ➤ P. 24
 - ▶ Charge the battery for motor and check if the meter turns on.
- Check for a blown fuse. ➤ P. 92

If the display does not appear, the battery for motor may be dead. Have your authorised dealer inspect or replace the battery for motor.

When the Standby Indicator Does Not Flash

Check the following items:

- Make sure the side stand is up.
- Make sure the throttle completely closed.
- Make sure the battery for motor charger does not connected.

If the problem continues, have your vehicle inspected by your authorised dealer.

Motor Does Not Operate

Check the following items:

- Is there any charge remaining for the battery for motor? ➤ P. 24
- Is electric system indicator  flashing?
 - ▶ If it is flashing, contact your authorised dealer immediately.

If the problem continues, have your vehicle inspected by your authorised dealer.

Electric Vehicle Does Not Drive

I When "HOT" is Flashing

If an abnormal temperature is detected, "HOT" flashes to preserve the PCU or motor. The power is limited, but you can still drive. When the specified temperature is reached, "HOT" goes off and the power limitation is cancelled.



- ▶ If the ready indicator goes off, you cannot drive your vehicle.
Turn the power switch to the OFF position, wait a little while, and then turn the power switch to the ON position. If the symptoms do not improve, contact your authorised dealer.

I When "HOT" or "COLD" is Flashing

If an abnormal temperature is detected, "HOT" or "COLD" flashes to preserve the battery for motor. The power is limited, but you can still drive. When the specified temperature is reached, "HOT" or "COLD" goes off and the power limitation is cancelled.



- ▶ If the ready indicator goes off, you cannot drive your vehicle.
Turn the power switch to the OFF position, wait a little while, and then turn the power switch to the ON position. If the symptoms do not improve, contact your authorised dealer.

I When the Battery for Motor Temperature Indicator Comes On or Flashes and Buzzer Rings



Don't ride the vehicle. Please take the vehicle to your authorised dealer.

I When the Power limitation Indicator Comes On

If an abnormal temperature is detected, power limitation indicator comes on to preserve the PCU, motor or battery for motor. The power is limited, but you can still drive. When the specified temperature is reached, power limitation indicator goes off and the power limitation is cancelled.



- ▶ If the ready indicator goes off, you cannot drive your vehicle.
Turn the power switch to the OFF position, wait a little while, and then turn the power switch to the ON position. If the symptoms do not improve, contact your authorised dealer.

Battery for Motor is Not Charged

Check the following points. If they are not applicable or if the symptoms do not improve, even though you have tried the solutions, contact your authorised dealer.

Troubleshooting

Meter display

Problem	Items to check and inspect
"HOT" is flashing 	<ul style="list-style-type: none">● Are you charging the vehicle somewhere very hot, such as in direct sunlight?<ul style="list-style-type: none">▶ Charge your vehicle in a recommended location. ⇒ P. 45● Are you charging the vehicle directly after driving?<ul style="list-style-type: none">▶ Wait a while before charging.
"COLD" is flashing 	<ul style="list-style-type: none">● Are you charging the vehicle somewhere very cold?<ul style="list-style-type: none">▶ Charge your vehicle in a recommended location. ⇒ P. 45

In case these problems observed, once try disconnecting AC plug and DC plug, turn the power switch to the OFF position and follow the correct procedure as per owner's manual after leaving for a while.

Problem	Items to check and inspect
<p>The CHARGE indicator flashing and charger plug indicator comes on</p> 	<ul style="list-style-type: none"> ● Is the power out? ● Did the circuit breaker trip? ● Did the earth leakage breaker trip? ● Is the LED (Status) on the battery for motor charger (☞ P. 47) blinks 1 time/second? <ul style="list-style-type: none"> ▶ If the battery for motor charger heats, the CHARGE indicator will flash even during charging. <p>In this case, charging is on process.</p>
<p>The charger plug indicator comes on but CHARGE indicator does not come on</p> 	<ul style="list-style-type: none"> ● Is the power switch in the ON position? ● Is the AC plug firmly inserted into the electric outlet? ● Is the cable broken or the plug damaged? <ul style="list-style-type: none"> ▶ If you discover breakage or damage, have your authorised dealer do repairs. ● Is the vehicle being charged from an DC/AC inverter or power generator? <ul style="list-style-type: none"> ▶ Stop use and charge in the specified charging environment. ☞ P. 43

Battery for Motor is Not Charged

Problem	Items to check and inspect
<p>Both indicators does not come on (Meter display turns off)</p> 	<ul style="list-style-type: none">● Is the battery for motor fully charged?<ul style="list-style-type: none">▶ Check the remaining charge for the battery for motor. ⇒ P. 24● Are the DC plug and AC plug connected firmly?● Is the cable broken or vehicle/charger side connector damaged?<ul style="list-style-type: none">▶ If you discover breakage or damage, have your authorised dealer do repairs.

LED display (battery for motor charger)

Problem	Items to check and inspect	Flashing pattern cycle
LED (Status) is flashing	<ul style="list-style-type: none"> ● There is a possibility that the battery for motor temperature is too hot. <ul style="list-style-type: none"> ▶ Disconnect the battery for motor charger from the vehicle and electrical outlet, wait a little while, and then charge the battery for motor again. 	3 times/second twice
	<ul style="list-style-type: none"> ● The battery for motor charger or DC plug may be too hot. <ul style="list-style-type: none"> ▶ Disconnect the battery for motor charger from the vehicle and electrical outlet, and then allow the battery for motor charger or DC plug to cool down before charging again. 	2 times/second twice
	<ul style="list-style-type: none"> ● The charging time may exceed 8 hours. <ul style="list-style-type: none"> ▶ If the charging time exceeds 8 hours, charging will stop. Disconnect the AC plug from the electrical outlet, and then charge the battery for motor again if charge is incomplete. 	4 times/second twice



Electric System Indicator

If the indicator comes on while power switch is in the ON position, you may have a serious problem with the electric system. Reduce speed and have your vehicle inspected by your authorised dealer as soon as possible.

Battery for motor indicator

If the indicator comes on while power switch is in the ON position, if there is an abnormality with the battery for motor. Reduce speed and have your vehicle inspected by your authorised dealer as soon as possible.

Power Limitation Indicator

If you are continuously driving up steep slopes, it may become difficult to drive up slopes while the power limitation is applied. However, this is not a malfunction.

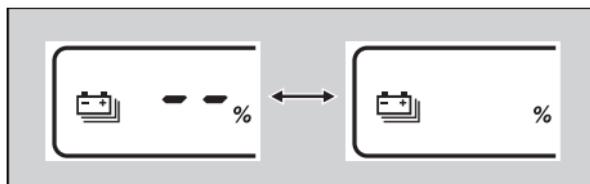
If you stop on an upslope, close the throttle and use the brakes to stop.

- ▶ Do not keep the throttle open while applying the brakes.
- ▶ Do not slightly turn the throttle on an upslope, as if applying the brakes to stop. If the vehicle is left in below 0 °C, the power limitation may be applied, and driving performance may decrease. However, this is not a malfunction. When the battery for motor warms up and the vehicle is stop, the power limitation is cancelled and the power limitation indicator goes off.

The power limitation indicator also applied, when the battery for motor, PCU, or motor temperature is too high. ☐ P. 83

Battery for Motor Gauge Failure Indication

When the bars of the battery for motor gauge repeatedly come on and go off, such as in the diagram, contact your authorised dealer.



Repairing a puncture or removing a wheel requires special tools and technical expertise. We recommend you have this type of service performed by your authorised dealer.

After an emergency repair, always have the tyre inspected/replaced by your authorised dealer.

Emergency Repair Using a Tyre Repair Kit

If your tyre has a minor puncture, you can make an emergency repair using a tubeless tyre repair kit.

Follow the instructions provided with the emergency tyre repair kit.

Riding your vehicle with a temporary tyre repair is very risky. Do not exceed 20 km/h (12 mph). Have the tyre replaced by your authorised dealer as soon as possible.

WARNING

Riding your vehicle with a temporary tyre repair can be risky. If the temporary repair fails, you can crash and be seriously injured or killed.

If you must ride with a temporary tyre repair, ride slowly and carefully and do not exceed 20 km/h (12 mph) until the tyre is replaced.

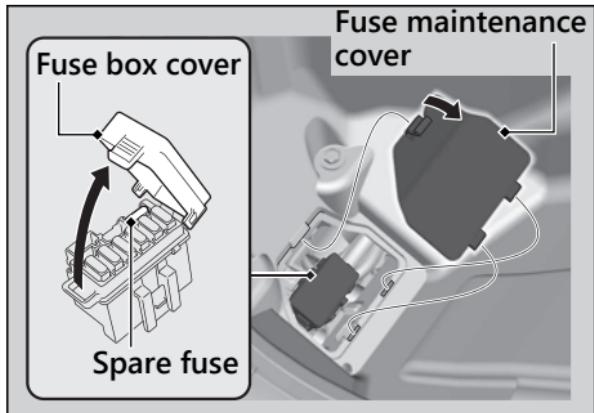
Burned-out Light Bulb

All light bulbs on the vehicle are LEDs. If there is an LED which is not turned on, see your authorised dealer for servicing.

Blown Fuse

Before handling fuses, see "Inspecting and Replacing Fuses." ➤ P. 65

I Fuse Box Fuses



1. Open the seat. ➤ P. 53
2. Remove the fuse maintenance cover.
3. Open the fuse box cover.
4. Pull the fuses out one by one with the fuse puller. Check for a blown fuse.
Always replace a blown fuse with a spare fuse of the same rating.
► Fuse puller is stored in the centre compartment. ➤ P. 56
5. Close the fuse box cover.
6. Reinstall parts in the reverse order of removal.

NOTICE

If a fuse fails repeatedly, you likely have an electrical problem. Have your vehicle inspected by your authorised dealer.

Information

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Instruments, Controls, & Other Features.....	P. 95
Caring for Your Vehicle.....	P. 96
Storing Your Vehicle.....	P. 99
Transporting Your Vehicle	P. 100
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Serial Numbers	P. 102

Keys

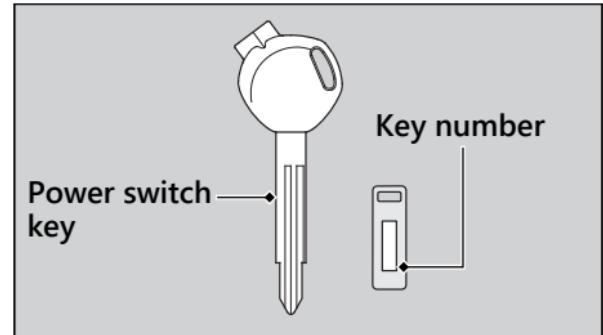
Power Switch Key

Be sure to record the key number provided with the key number plate. Store the spare key and key number in a safe location.

To make a duplicate, take the spare key or the key number to your authorised dealer.

If you lose all power switch keys and the key number, the power switch and key shutter set will need to be replaced.

A metal key holder may cause damage to the area surrounding the power switch.



Instruments, Controls, & Other Features

Power Switch

Leaving the power switch in the ON position with the vehicle is stopped will drain the battery for motor.

Do not turn the power switch while riding.

Odometer

The display remains at 999,999 when the odometer exceeds 999,999.

Tripmeter

Each tripmeter resets to 0.0 when the trip mileage exceeds 9,999.9.

Document Bag

The owner's manual, registration, and insurance information can be stored in the plastic document bag stored in the centre compartment. ☐ P. 55

Motor Drive Cut-off System

A banking (lean angle) sensor automatically stops the motor if the vehicle falls over. To reset the sensor, you must turn the power switch to the OFF position and back to the ON position before the motor can be restarted.

Accelerator Position Sensor System

This model is equipped with an Accelerator Position Sensor System.

Do not put magnetized items or items susceptible to magnetic interference near the right handlebar switches.

Caring for Your Vehicle

Frequent cleaning and polishing is important to ensure the life of your Honda. A clean vehicle makes it easier to spot potential problems. In particular, seawater and salts used to prevent ice on roads promote the formation of corrosion. Also, mud and dust may accelerate front suspension wear and cause oil leaks. Always wash your vehicle thoroughly after riding on coastal, treated, muddy, or dusty roads.

Washing

Allow the motor, brakes, and other high-temperature parts to cool before washing.

1. Rinse your vehicle thoroughly using a low pressure garden hose to remove loose dirt.
2. If necessary, use a sponge or a soft towel with mild cleaner to remove road grime.
 - Clean the headlight lens, panels, and other plastic components with extra care to avoid scratching them.

Avoid directing water into the electrical parts.

3. Thoroughly rinse your vehicle with plenty of clean water and dry with a soft, clean cloth.
4. After the vehicle dries, lubricate any moving parts.
 - Make sure that no lubricant spills onto the brakes or tyres. Brake discs, pads, drums, or shoes contaminated with oil will suffer greatly reduced braking effectiveness and can lead to a crash.
5. Apply a coat of wax to prevent corrosion.
 - Avoid products that contain harsh detergents or chemical solvents. These can damage the metal, paint, and plastic on your vehicle.
Keep the wax clear of the tyres and brakes.
 - If your vehicle has any mat painted parts, do not apply a coat of wax to the mat painted surface.

Washing Precautions

Follow these guidelines when washing:

- Do not use high-pressure washers:
 - High-pressure water cleaners can damage moving parts and electrical parts, rendering them inoperable.
- Dry the brakes:
 - Water adversely affects braking effectiveness. After washing, apply the brakes intermittently at low speed to help dry them.
- Do not direct water under the seat:
 - Water in the under seat compartment can damage your documents, battery for motor charger and other belongings.
- Do not direct water near the charging port. And keep it closed when washing.
 - If water remains in the charging port when charging, the electrical parts and the charger can be damaged.

- Do not direct water near the headlight:
 - The headlight's inside lens may fog temporarily after washing or while riding in the rain. This does not impact the headlight function. However, if you see a large amount of water or ice accumulated inside the lens(es), have your vehicle inspected by your authorised dealer.
- Do not use wax or polishing compounds on mat painted surfaces:
 - Use a soft cloth or sponge, plenty of water, and a mild detergent to clean mat painted surfaces. Dry with a soft clean cloth.

Aluminium Components

Aluminium will corrode from contact with dirt, mud, or road salt. Clean aluminium parts regularly and follow these guidelines to avoid scratches:

- Do not use stiff brushes, steel wool, or cleaners containing abrasives.
- Avoid riding over or scraping against curbs.

Panels

Follow these guidelines to prevent scratches and blemishes:

- Wash gently using a soft sponge and plenty of water.
- To remove stubborn stains, use diluted detergent and rinse thoroughly with plenty of water.
- Avoid getting petrol or detergents on the instruments, panels, or headlight.

Storing Your Vehicle

If you store your vehicle outdoors, you should consider using a full-body cover.

If you won't be riding for an extended period, follow these guidelines:

- To prevent the battery for motor from degrading, keep the battery for motor gauge at 30 % and store your vehicle somewhere cool.



Recommended temperature:

Less than 3 months: -20 to 45 °C

More than 3 months: 25 ± 3 °C

- When you store your vehicle, check the battery for motor gauge once a month. If it goes down to 20 %, charge your vehicle until it gets to 30 %.

NOTICE

- Do not store your vehicle at less than 15 % for an extended period of time, as it may cause the battery for motor to malfunction.
- Do not store your vehicle fully charged, as it may further degradation.
- Wash your vehicle and wax all painted surfaces (except mat painted surfaces). Coat chrome pieces with rust-inhibiting oil.
- Place your vehicle on its centre stand and position a block so that both tyres are off the ground.
- After rain, remove the body cover and allow the vehicle to dry.

After removing your vehicle from storage, fully charge the battery for motor and inspect all maintenance items required by the Maintenance Schedule.

Transporting Your Vehicle

If your vehicle needs to be transported, it should be carried on a motorcycle trailer or a flatbed truck or trailer that has a loading ramp or lifting platform and motorcycle tie-down straps. Never try to tow your vehicle with a wheel or wheels on the ground.

NOTICE

Towing your vehicle with a wheel or wheels on the ground can cause serious damage to the transmission.

You & the Environment

Owning and riding a vehicle can be enjoyable, but you must do your part to protect the environment.

Choose Sensible Cleaners

Use a biodegradable detergent when you wash your vehicle. Avoid aerosol spray cleaners that contain chlorofluorocarbons (CFCs) which damage the atmosphere's protective ozone layer.

Recycle Wastes

Put oil and other toxic wastes in approved containers and take them to a recycling centre. Call your local or state office of public works or environmental services to find a recycling centre in your area and to get instructions on how to dispose of non-recyclable wastes. Do not place used engine oil in the trash or pour it down a drain or on the ground. Used oil, petrol, and cleaning solvents contain poisons that can hurt refuse workers and contaminate drinking water, lakes, rivers, and oceans.

I When Battery for Motor is Disposed

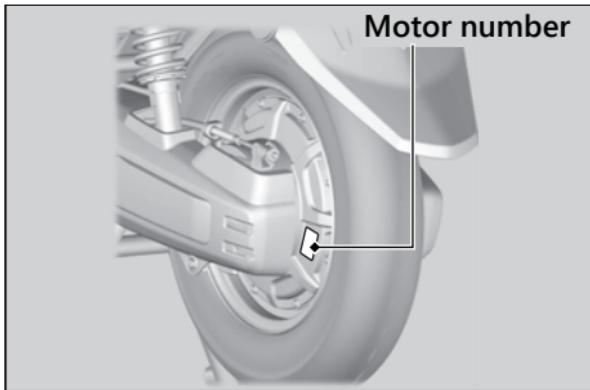
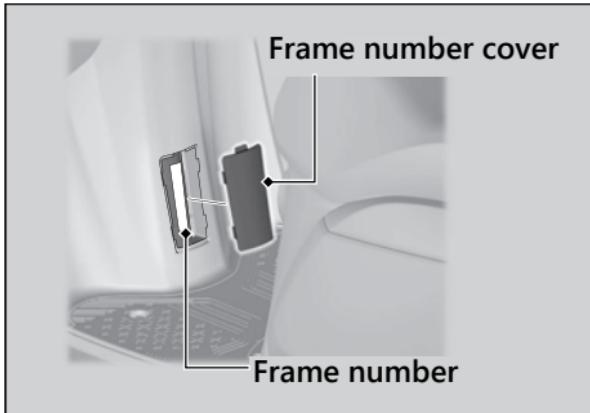
Honda collects and recycles used Li-ion battery. Consult with an authorised dealer for proper battery disposal in the event your vehicle is not repairable.

Serial Numbers

The frame and motor serial numbers uniquely identify your vehicle and are required in order to register your vehicle. They may also be required when ordering replacement parts.

To check the frame number, remove the frame number cover.

You should record these numbers and keep them in a safe place.



Specifications

Specifications

Main Components

Overall length	1,826 mm (71.9 in)
Overall width	701 mm (27.6 in)
Overall height	1,129 mm (44.4 in)
Wheelbase	1,275 mm (50.2 in)
Minimum ground clearance	169 mm (6.7 in)
Caster angle	27° 30'
Trail	74 mm (2.9 in)
Curb weight	89.5 kg (197.3 lb)
Maximum weight capacity *1	150 kg (331 lb)
Maximum luggage weight	Front inner box 0.5 kg (1 lb)
	Luggage hook 1.5 kg (3 lb)
	Centre compartment 10 kg (22 lb)
Passenger capacity	Rider and 1 passenger
Minimum turning radius	1.90 m (6.2 ft)
Rated power	1.20 KW
Battery for motor	51.8 V-29 Ah (1500 Wh)

*1 : Including rider, all luggage, and accessories.

Service Data

Tyre size	Front	90/90-12 54J
	Rear	90/100-10 53J
Tyre type	Bias-ply, tubeless	
Recommended Tyre	Front	CEAT ZOOM-Hi TVS EUROGRIP CONTA 350 MRF NYLOGRIP ZAPPER-FG
	Rear	CEAT ZOOM-D TVS EUROGRIP CONTA 350M MRF NYLOGRIP ZAPPER
Tyre air pressure (Driver only)	Front	150 kPa (1.50 kgf/cm ² , 22 psi)
	Rear	200 kPa (2.00 kgf/cm ² , 29 psi)
Tyre air pressure (Driver and passenger)	Front	150 kPa (1.50 kgf/cm ² , 22 psi)
	Rear	250 kPa (2.50 kgf/cm ² , 36 psi)

Specifications

■ Bulbs

Headlight	LED
Front turn signal	LED
Brakelight/Taillight	LED
Rear turn signal	LED
License plate light	LED

■ Fuses

Battery for motor	Main fuse	100 A
	Other fuse	15 A, 7.5 A

Warranty Policy (Valid in India only)

Honda Motorcycle & Scooter India (Pvt.) Ltd. (HMSI) gives the following warranty in respect of vehicle "**QC1**" manufactured by them.

Proper care and precaution has been taken to ensure the best quality in respect of the material and workmanship in manufacturing of every vehicle.

HMSI would repair or replace at its discretion, those part(s)/Battery for Motor Charger (if provided) 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 36 months from the date of sale or until the vehicle has covered 50000 kms, whichever comes first.

NOTE:

1. Battery for Motor – Fix Type or Theft Alert Unit (applicable if equipped) - Warranty claims in respect to these parts shall be covered under Repair or Replacement Warranty as provided by the respective manufacturer. For assistance in accessing

warranty support for these parts, contact your Honda Authorised Dealer or HMSI Customer Care (1800 103 3434 -Toll Free, customercare@honda.hmsi.in.)

2. 12 V Battery (If equipped) and Tyre -
Warranty claims in respect of proprietary parts like 12 V battery and Tyre are warranted by their respective manufacturers and should be claimed on them directly by customer.
 - 12 V 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 have no liability for these claims.

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.

Warranty Policy (Valid in India Only)

HMSI is not liable for any consequential loss or damage arising from part failures thereof. Any delays at the repair workshop shall not constitute grounds for extending the warranty period, nor shall the customer will be entitled for any compensation or 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.

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 vehicle on which any free and paid services has not been carried out, as per schedule given in Owner's Manual.
- 2 Any damage to the electrical items like Battery for Motor-fix type, Power Control Unit (PCU), Down Regulator etc. caused due to charging using non-recommended charger/electrical source.
- 3 Any damage to electrical or electronic components resulting from improper washing or direct contact of water with electrical component of the vehicle.

- 4 HMSI does not warrant normal wear and tear items like Brake shoe, Brake Pads, Brake Disc, Wheel Rim (in case of misalignment and bent), Bushes, Fasteners, Washers and Electrical items like Bulbs, Fuses, Rubber and Plastic Components like Grommets, O-Rings, Bellows, Packings, Gaskets, Oil Seals and Consumables like Transmission Oil, Grease, Suspension Oil, and other items as specified by HMSI.
- 5 Fasteners and clips which needs replacement during maintenance/service will not be covered under warranty.
- 6 If there is any damage to the painted surface due to industrial pollution or other extraneous factors.
- 7 Any damage resulting from unavoidable natural disaster i.e fire, collision, earthquake, flood etc.
- 8 Any damage including rusting, corrosion, paint peel off etc. caused by exposure of the product to soot and smoke, chemical agents, bird-droppings, sea water, sea breeze, or any other environmental phenomenon.
- 9 If there is any damage caused due to usage of improper oil/grease, non-genuine parts.
- 10 For two-wheelers, which have been used for any commercial purposes as taxi etc.
- 11 For maintenance repairs required due to misuse while driving or due to bad road conditions.
- 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.

For all purposes in relation to this policy, the courts at Gurugram alone shall have exclusive jurisdiction.

This Policy shall be construed in accordance with and be governed by the Laws of India.

This warranty is entirely written warranty given by HMSI 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.

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