

# **OWNER'S MANUAL**

2025 NAVI

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.

# 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.

To protect your investment, we urge you to take responsibility for keeping your vehicle well-serviced and maintained. Also, observe the break-in guidelines and always perform the pre-ride inspection and other periodic checks in this manual.

When service is required, remember that your Honda dealer knows your vehicle best. If you have the required mechanical "know-how" and tools, you can purchase an official Honda Service Manual to help you perform many maintenance and repair tasks. ➡ P. 100

Read the warranty information thoroughly so that you understand the warranty coverage and are aware of your rights and responsibilities. ➡ P. 101

You may also want to visit our website at [www.powersports.honda.com](http://www.powersports.honda.com).

**Canada** [www.honda.ca](http://www.honda.ca).

Happy riding!


## 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 judgment.

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

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

### **DANGER**

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

### **WARNING**

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

### **CAUTION**

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

### **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.

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Riding Precautions .....	P. 10
Accessories & Modifications .....	P. 14
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## Safety Guidelines

Follow these guidelines to enhance your safety:

- Perform all routine and regular inspections specified in this manual.
- Stop the engine and keep sparks and flames away before filling the fuel tank.
- Do not run the engine in enclosed or partly enclosed areas. Carbon monoxide in exhaust gases is toxic and can kill you.

### Always Wear a Helmet

It's a proven fact: helmets and protective apparel significantly reduce the number and severity of head and other injuries. So always wear an approved helmet and protective apparel. 📖 P. 9

### 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.

## Safety Guidelines

We recommend that all riders take a certified course approved by the Motorcycle Safety Foundation (MSF) or a state approved training course. New riders should start with the basic course, and even experienced riders will find the advanced course beneficial.

For information about the MSF training course nearest you, call the national toll-free number: (800) 446-9227.

**USA** Other riding tips can be found in the You and Your Motorcycle Riding Tips booklet that came with your vehicle.

### 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 judgment 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. 15), and do not modify your vehicle or install accessories that would make your vehicle unsafe (➤ P. 14).

**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 ignition 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.

### Carbon Monoxide Hazard

Exhaust contains poisonous carbon monoxide, a colorless, odorless gas. Breathing carbon monoxide can cause loss of consciousness and may lead to death.

If you run the engine in a confined or even partly enclosed area, the air you breathe could contain a dangerous amount of carbon monoxide.

Never run your vehicle inside a garage or other enclosure.

### **WARNING**

Running the engine of your vehicle while in an enclosed or even partially enclosed area can cause a rapid build-up of toxic carbon monoxide gas.

Breathing this colorless, odorless gas can quickly cause unconsciousness and lead to death.

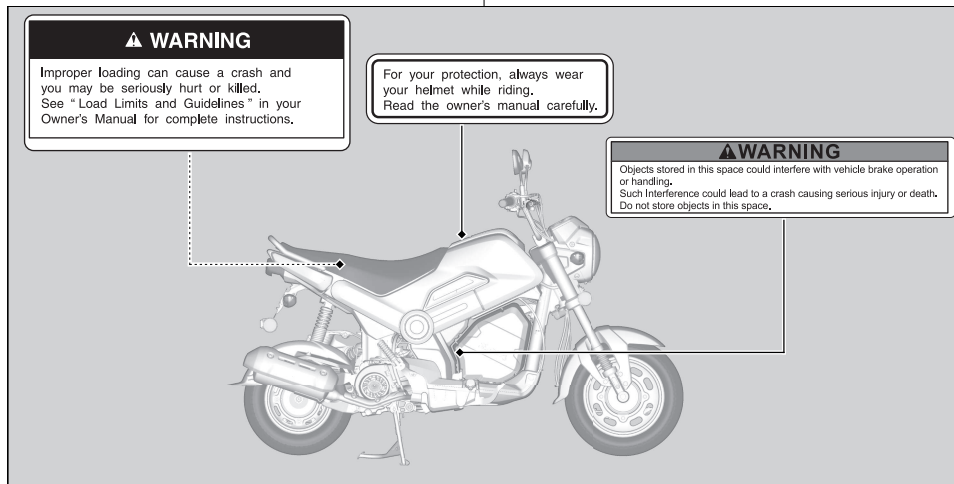
Only run your vehicle's engine when it is located in a well ventilated area outdoors.

## Safety Labels

Safety and information labels on your vehicle provide important safety information and may warn you of potential hazards that could cause

serious injury. Read these labels carefully and don't remove them.

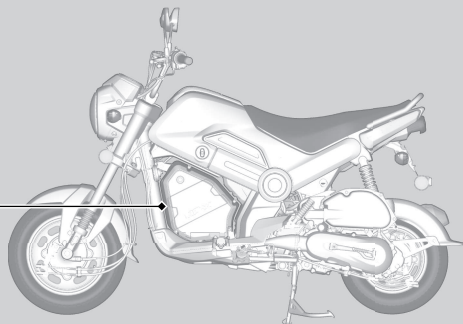
If a label comes off or becomes hard to read, contact your dealer for a replacement.



### TIRE INFORMATION

Cold tire pressures		kPa	kgf/cm <sup>2</sup>	psi
Up to maximum weight capacity	Front	150	1.50	22
	Rear	250	2.50	36
Up to 90kg(200lbs) load	Front	150	1.50	22
	Rear	200	2.00	29
Tire size	Front	90/90-12 54J		
	Rear	90/100-10 53J		
Maximum weight capacity	156kg(344lbs)			

Read owner's manual.





## Safety Precautions

- Ride cautiously and keep your hands on the handlebar and feet on the footpegs.
- 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.

### 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

Should be safety-standard certified, high-visibility, and the 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

**USA** Look for a DOT (Department of Transportation) certification label on any helmet you buy.

## 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.

## Riding Precautions

### **| Gloves**

Full-finger leather gloves with high abrasion resistance

### **| Boots or Riding Shoes**

Sturdy boots with non-slip soles and ankle protection

### **| Jacket and Pants**

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

## Riding Precautions

### **Break-in Period**

During the first 300 miles (500 km) 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 tires 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.

### **Combined Braking System (CBS)**

Your vehicle's rear brake system is linked to the front brake. This means that operating the rear brake pedal applies the rear brake and a portion of the front brake.

Operating the front brake lever applies only the front brake.

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

### **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 engine, muffler, brakes and other high-temperature parts until they cool down.
- To reduce the likelihood of theft, always lock the handlebar and remove the key when leaving the vehicle unattended. Use of an anti-theft device is also recommended.

### ■ Parking with the Side Stand or Center Stand

1. Stop the engine.
2. **Using the side stand**

Push the side stand down.

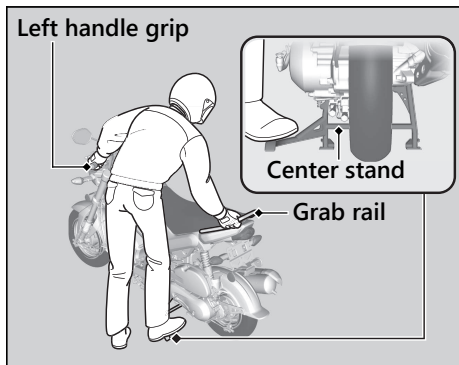
Slowly lean the vehicle to the left until its weight rests on the side stand.

#### **Using the center stand**

To lower the center 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 center 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 ignition switch to the OFF position and remove the key.
5. Lock the steering. ➤ P. 24
6. Turn the fuel valve to the ○ (Off) position.

## Refueling and Fuel Guidelines

Follow these guidelines to protect the engine and fuel system:

- Use only unleaded gasoline.
- Use the recommended octane number.  
Using lower octane gasoline will result in decreased engine performance.
- Do not use fuels containing a high concentration of alcohol. ➤ P. 99
- Do not use stale or contaminated gasoline or an oil/gasoline mixture.
- Avoid getting dirt or water in the fuel tank.

## Accessories & Modifications

We strongly advise that you do not add any accessories that were not specifically designed or approved 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** ➤ P. 108
- Tie all luggage securely, evenly balanced, and close to the center of the vehicle.
- Do not place objects near the lights or the muffler.

### **WARNING**

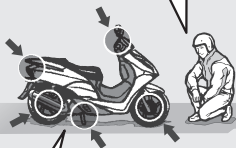
Overloading or improper loading can cause a crash and you can be seriously hurt or killed.

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

# Basic Operation Flow

## Pre-ride Inspection ➡ P.48

Carefully inspect your vehicle to make sure that it is safe to ride.



## Acceleration ➡ P.33

Apply throttle gradually.  
Obey the speed limit.



## Starting the Engine ➡ P.27

Start and warm the engine.  
Avoid revving the engine.



How to use basic features.

- Instruments ➡ P.20
- Indicators ➡ P.21
- Switches ➡ P.22
- Steering Lock ➡ P.24
- Rear Brake Lock ➡ P.25

## Starting the Vehicle

➡ P.33

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





**Braking** ➡ P.34**STOP!**

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

▶ The brake light will indicate that you have applied the brakes.

**Stopping**

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

**Turning Corners**

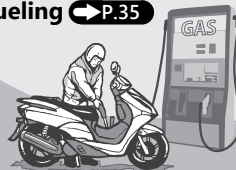
Do your braking before entering corners.



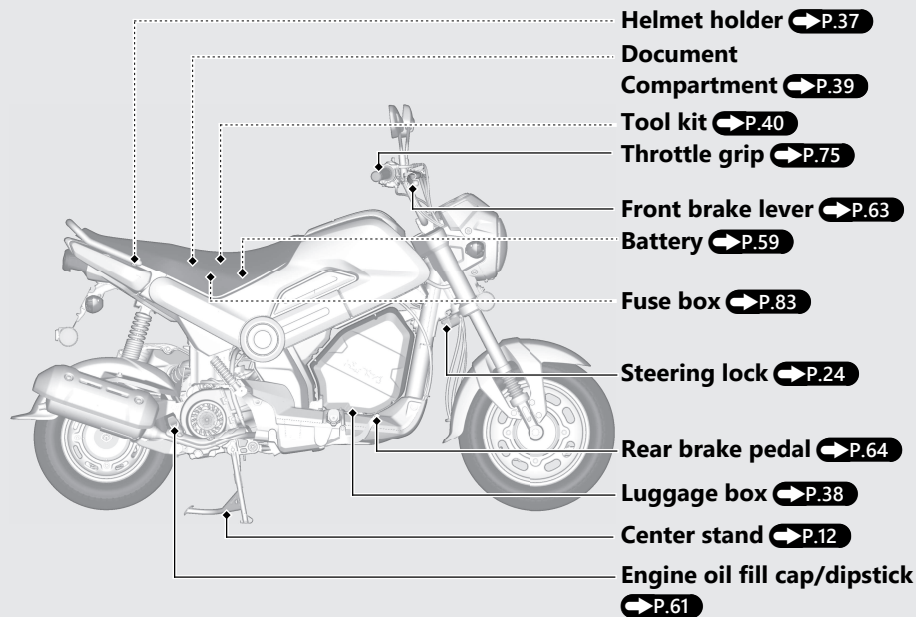
Gradually reapply throttle when exiting turn.

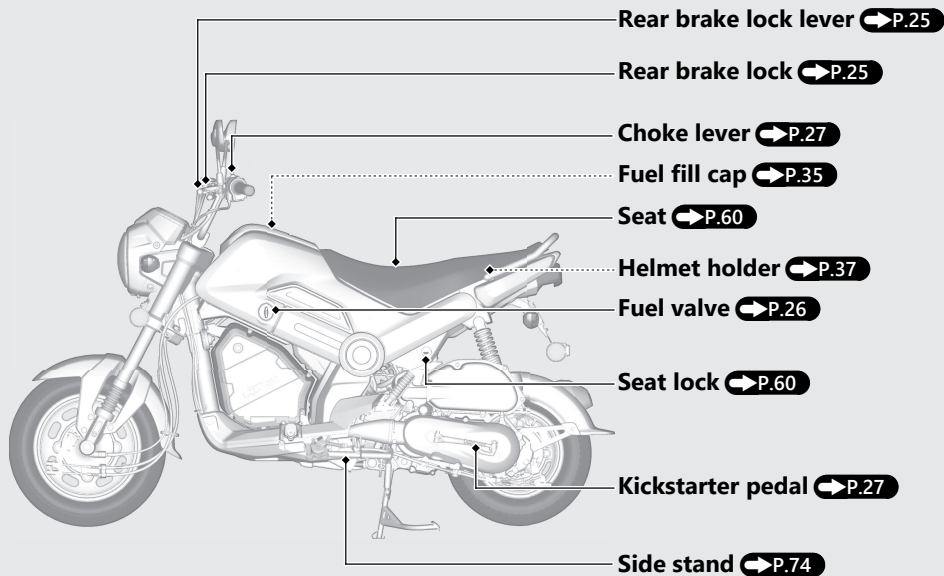
**Parking** ➡ P.12

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

**Refueling** ➡ P.35

# Parts Location





# Instruments

## Fuel gauge

Remaining fuel when the gauge needle first points to the red:  
approximately 0.24 US gal (0.9 L)

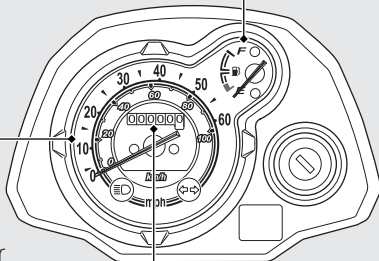


## Speedometer

Shows riding speed in miles (USA) or kilometers (Canada) per hour.


## Odometer

Shows the total miles (USA) or kilometers (Canada) ridden.

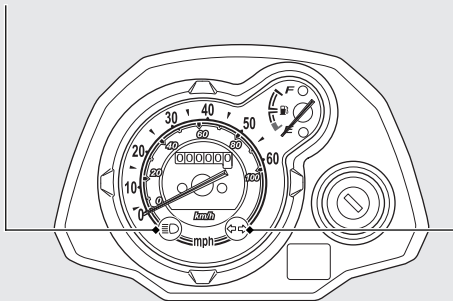


# Indicators

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



 **High beam indicator**

 **Turn signal indicator**





# Switches

## Headlight dimmer switch

-  : High beam
-  : Low beam

## Engine stop switch

Should normally remain in the  (Run) position.

- In an emergency, switch to the  (Stop) position (the starter motor will not operate) to stop the engine.

## Start button

## Horn button

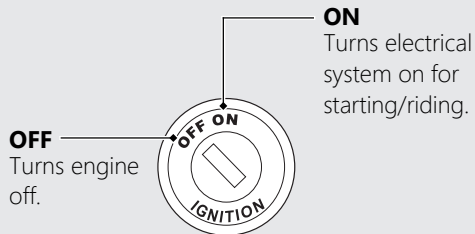
## Turn signal switch

- Pressing the switch turns the turn signal off.

## Ignition switch

Switches the electrical system on/off.

- Key can be removed when in the OFF position.

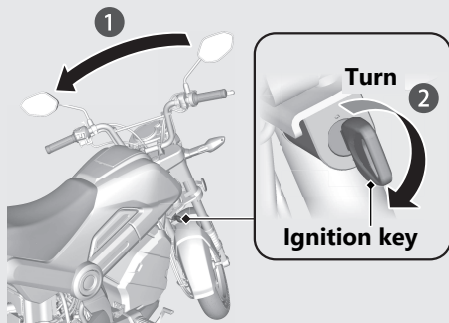


## Switches *(Continued)*

### 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 Insert the ignition key in the lock and turn it 180 degrees clockwise.
  - Jiggle the handlebar if the lock is difficult to engage.
- 3 Remove the key.

### Unlocking

Insert the ignition key in the lock and turn it 180 degrees counterclockwise.



# Rear Brake Lock

Be sure the rear brake lock is applied while starting and warming up the engine.

- ▶ Make sure the rear brake lock lever is released before riding.

## Locking

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

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

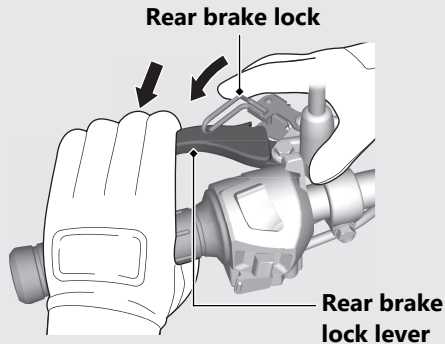
➡ P.65

- ▶ If it is difficult to squeeze the rear brake lock lever, depress the rear brake pedal together.

## Unlocking

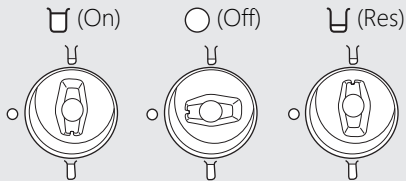
Squeeze the rear brake lock lever.

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



# Fuel Valve

The three-way fuel valve is used to control the flow of fuel from the fuel tank to the carburetor.



**U (On):** normal position for riding.

**○ (Off):** for parking, storing, or transportation.

**U (Res):** for extra fuel to get to a gas station for refueling.

# Starting the Engine

Start your engine using the following procedure.

This vehicle is equipped with a side stand ignition cut-off system.

- ▶ If the side stand is down, the engine cannot be started.
- ▶ If you lower the side stand with the engine running, it will automatically shut off.

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



To start a cold engine, follow the procedure for "Normal Air Temperature."

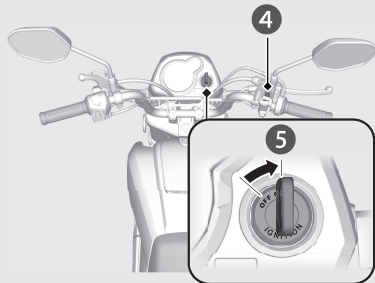
## NOTICE

- If the engine does not start within 5 seconds, turn the ignition switch to the OFF position and wait 10 seconds before trying to start the engine again to recover battery voltage.
- Extended fast idling and revving the engine can damage the engine and the exhaust system.
- Do not operate the kickstarter while the engine is running as engine damage could result. Do not apply excessive force on the kickstarter.
- Fold up the kickstarter after the kickstarter is returned to the pedal stop.

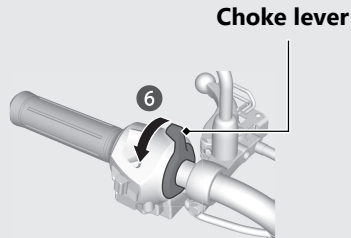
## Starting the Engine *(Continued)*

**Normal Air Temperature 10 - 35°C (50 - 95°F):**

- 1 Place the vehicle on its center stand.
- 2 Lock the rear brake lock. ➡ P.25
- 3 Make sure the fuel valve is in the  (On) position. ➡ P.26
- 4 Make sure the engine stop switch is in the  (Run) position.
- 5 Turn the ignition switch to the ON position.

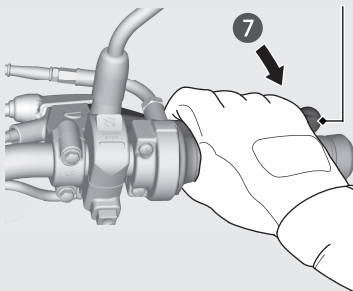


- 6 Pull the choke lever back all the way to fully on.



- 7** Squeeze the front brake lever.
- ▶ The starter motor will only work when the front brake lever is squeezed and the side stand is up.

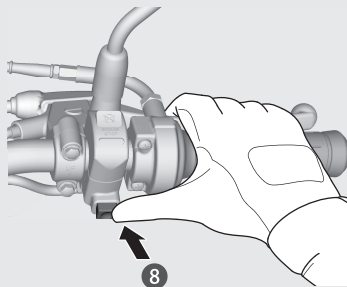
**Front brake lever**



**8 Using the start button**

Press the start button with the throttle completely closed. Release the start button as soon as the engine starts.

Release the front brake lever.



## Starting the Engine *(Continued)*

### Using the kickstarter

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

With the throttle completely closed, operate the kickstarter. Kick from the top of the stroke through to the bottom with a rapid, continuous motion. Allowing the kickstarter to snap back freely against the pedal stop can damage the engine case.

Release the front brake lever.



- 9 Immediately after the engine starts, push the choke lever forward to the halfway position.
- 10 About a quarter minute after the engine starts, push the choke lever forward all the way to fully off.
- 11 If idling is unstable, open the throttle slightly.

**High Air Temperature 35°C (95°F) or Above:**

- ① Follow steps ① - ⑤ under "Normal Air Temperature."
- ② Do not use the choke.
- ③ **Using the start button**  
Press the start button with the throttle 1/8 - 1/4 open. Release the start button as soon as the engine starts.

**Using the kickstarter**

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

With the throttle completely closed, operate the kickstarter. Kick from the top of the stroke through to the bottom with a rapid, continuous motion. Allowing the kickstarter to snap back freely against the pedal stop can damage the engine case.

**Low Air Temperature 10°C (50°F) or Below:**

- ① Follow steps ① - ⑨ under "Normal Air Temperature."
- ② Warm up the engine by opening and closing the throttle slightly.
- ③ Continue warming up the engine until it will idle smoothly with the choke lever pushed forward all the way to fully off.

## Starting the Engine *(Continued)*

### If the engine does not start:

#### Using the start button

- ① Open the throttle fully and press the start button for 5 seconds.
- ② Follow steps "Normal Air Temperature."
- ③ If the engine starts with unstable idle, open the throttle slightly.
- ④ If the engine does not start, wait 10 seconds, then follow steps ① - ③ again.

#### Using the kickstarter

- ① Turn the ignition switch to the OFF position.
- ② Open the throttle fully and crank the engine several times with the kickstarter.
- ③ Turn the ignition switch to the ON position.
- ④ Follow steps "Normal Air Temperature."
- ⑤ If the engine starts with unstable idle, open the throttle slightly.

### **If Engine Will Not Start** ➡ **P.77**



# Riding

## Starting the Vehicle

- 1 Push the vehicle forward off the center stand.
  - ▶ Lock the rear brake lock.
  - ▶ Keep throttle closed.

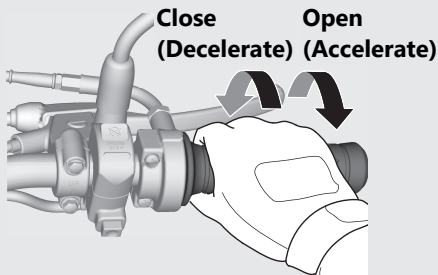
Make sure the side stand and center stand are up.

- 2 Get on the vehicle.
  - ▶ Mount the vehicle from the left side, keeping at least one foot on the ground.
- 3 Release the rear brake lock.
  - ▶ To prevent unexpected movement, squeeze the brake lever and depress the brake pedal.

## 4 Acceleration and deceleration

To accelerate: Open the throttle slowly.

To decelerate: Close the throttle.

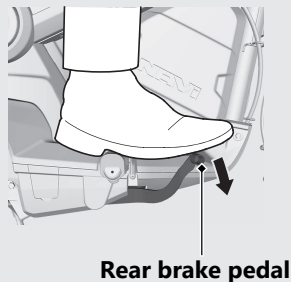
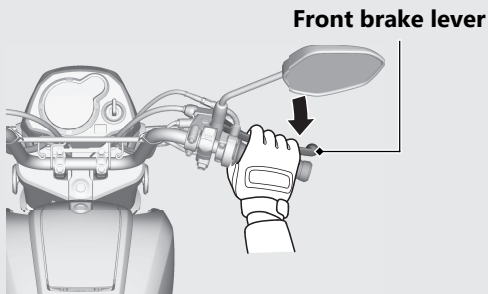


## **Riding** *(Continued)*

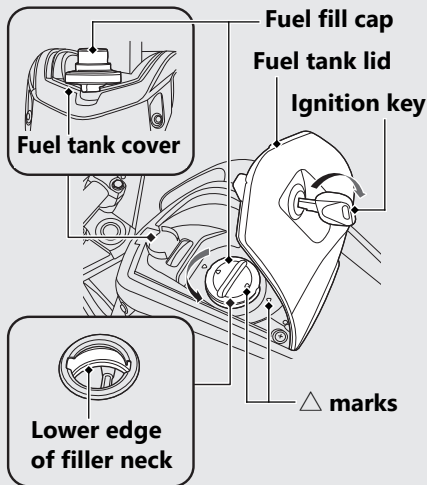
### **Braking**

Close the throttle and apply the front brake lever and rear brake pedal together.

Do not apply the brake lock while riding. It may cause the wheel to lock, reducing control of the vehicle.



# Refueling



Do not fill with fuel above the lower edge of the filler neck.

**Fuel type:** Unleaded gasoline only


**Recommended fuel octane number:**

Pump Octane Number (PON) 86 or higher.

**Tank capacity including the reserve:**

0.92 US gal (3.5 L)

**Reserve capacity:** 0.24 US gal (0.9 L)

The tank should be refilled as soon as possible after switching to reserve, and the fuel valve should be returned to the  (On) position after refueling to avoid running out of fuel with no reserve. ➔ P.26

**Refueling and Fuel Guidelines** ➔ P.13

## Refueling *(Continued)*

### Opening the Fuel Fill Cap

- ① Insert the ignition key and turn it clockwise to unlock the fuel tank lid.
- ② Turn the fuel fill cap counterclockwise until it stops and remove the fuel fill cap.
- ③ Set the fuel fill cap upside down on the fuel tank cover.

### Closing the Fuel Fill Cap

- ① Install and tighten the fuel fill cap by turning it clockwise.
  - Make sure that the  $\triangle$  marks on the cap and fuel tank cover are aligned.
- ② Close the fuel tank lid.
- ③ Turn the ignition key counterclockwise to lock the fuel tank lid.
- ④ Remove the ignition key.

## **WARNING**

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

- Stop the engine, and keep heat, sparks, and flames away.
- Only handle fuel outdoors.
- Wipe up spills immediately.

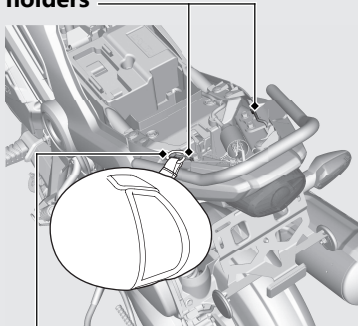
# Storage Equipment

## Helmet Holder

The helmet holders are located under the seat.

► Use the helmet holders only when parked.

## Helmet holders



**Helmet D-ring**

**Removing the seat** ➡ P.60

## **⚠ WARNING**

Riding with a helmet attached to the holder can interfere with the rear wheel or suspension and could cause 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.

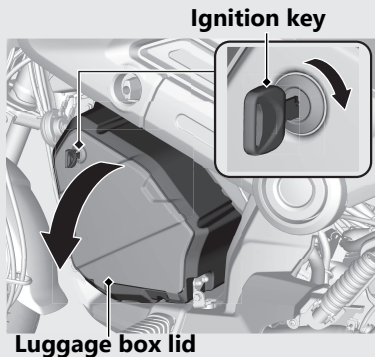
## Storage Equipment *(Continued)*

### Luggage Box

The luggage box is below the fuel tank. Never exceed the maximum weight limit.

#### **Maximum Weight: 6.6 lb (3.0 kg)**

- ▶ Do not store valuables or fragile articles.
- ▶ Wipe away any water that accumulates in the luggage box with a soft, clean cloth. The luggage box is not equipped with a drainage hole.



### Open

- ① Insert the ignition key and turn it clockwise to unlock luggage box lid.
- ② Open the luggage box lid.

### Close

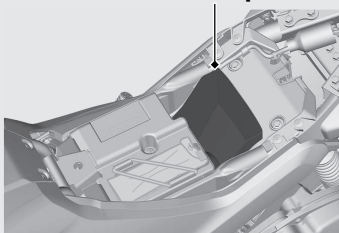
- ① Close the luggage box lid.
- ② Turn the ignition key counterclockwise to lock the luggage box lid.
- ③ Remove the ignition key.

## Document Compartment

The document compartment is below the seat. This compartment is for lightweight items.

- Do not store valuables or fragile articles.

### Document compartment

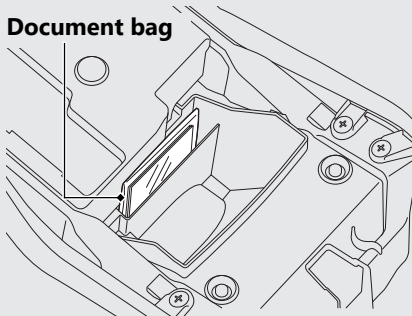


Removing the seat ➡ P.60

## Document Bag

The document bag is in the document compartment.

### Document bag

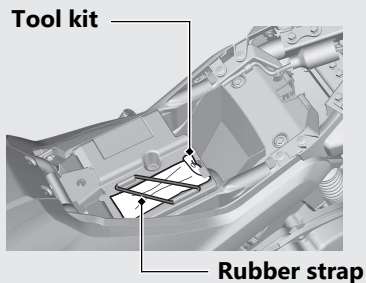


Removing the seat ➡ P.60

## Storage Equipment *(Continued)*

### Tool Kit

The tool kit is stored under the seat by the rubber strap.



**Removing the seat** ➡ P.60



# Maintenance

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

An optional larger tool kit may be available.

Check with your Honda dealer's parts department.

<b>Importance of Maintenance .....</b>	<b>P. 42</b>
<b>Maintenance Schedule.....</b>	<b>P. 44</b>
<b>Maintenance Record.....</b>	<b>P. 47</b>
<b>Maintenance Fundamentals .....</b>	<b>P. 48</b>
<b>Removing &amp; Installing Body Components..</b>	<b>P. 59</b>
Battery .....	P. 59
Seat .....	P. 60
<b>Engine Oil .....</b>	<b>P. 61</b>
<b>Brakes.....</b>	<b>P. 63</b>
<b>Side Stand .....</b>	<b>P. 74</b>
<b>Throttle .....</b>	<b>P. 75</b>

# 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, avoid breakdowns, and reduce air pollution. 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. 44

### 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.

For information about the exhaust emission and noise emission requirements of the U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), and the Environment and Climate Change Canada (ECCC). ➤ P. 94

### USA

**Maintenance, replacement or repair of the emission control devices and systems may be performed by any vehicle repair establishment or individual using parts that are "certified" to EPA standards.**

## 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.

- Stop the engine and remove the key.
- Place your vehicle on a firm, level surface using the side stand, center stand or a maintenance stand to provide support.
- Allow the engine, muffler, brakes, and other high-temperature parts to cool before servicing as you can get burned.
- Run the engine only when instructed, and do so in a well-ventilated area.

# Maintenance Schedule

The maintenance schedule specifies the maintenance requirements necessary to ensure safe, dependable performance, and proper emission control.

Maintenance work should be performed in accordance with Honda's standards and specifications by properly trained and equipped technicians. Your dealer meets all of these requirements. All scheduled maintenance is considered a normal owner operating cost and will be charged to you by your dealer. Keeping an accurate maintenance record will help ensure your vehicle is properly maintained.

➤ P. 47

Make sure whoever performs the scheduled maintenance completes the maintenance record. Retain all service documents. If you sell your vehicle, these service documents should be transferred with the vehicle to the new owner.

Items		Frequency*1								
		× 1,000 mi	0.6	2.5	5	7.5	10	12.5	15	Refer to page
		× 1,000 km	1	4	8	12	16	20	24	
EM Fuel Line	⚙			I	I	I	I	I	I	–
EM Fuel strainer screen	⚙			C	C	C	C	C	C	–
EM Throttle Operation	⚙			I	I	I	I	I	I	75
EM Choke Operation	⚙			I	I	I	I	I	I	–
EM Air Cleaner*2							R			–
EM Crankcase Breather*3				C	C	C	C	C	C	–
EM Spark Plug				I	R	I	R	I	R	–
EM Valve Clearance	⚙		I	I	I	I	I	I	I	–
EM Engine Oil		Initial = 600 mi (1,000 km) or 1 month: R Regular = Every 2,500 mi (4,000 km) or 6 months: R								
EM Engine Oil Strainer Screen						C			C	–
EM Engine Idle Speed	⚙		I	I	I	I	I	I	I	–
EM Secondary Air Supply System	⚙						I			–
EM AI Air Cleaner*2	⚙					C			C	–
EM Evaporative Emission Control System*4	⚙					I			I	–

**Maintenance Level**

- ⚙ : Intermediate. We recommend service by your dealer, unless you have the necessary tools and are mechanically skilled.  
Procedures are provided in an official Honda Service Manual (➡ P. 100).
- ⚙ : Technical. In the interest of safety, have your vehicle serviced by your dealer.









**Emission-Related Maintenance**

EM : Emission-Related Items

**Maintenance Legend**

- I : Inspect (clean, adjust, lubricate, or replace, if necessary)  
R : Replace  
C : Clean

## Maintenance Schedule

Items			Frequency*1								Refer to page
			× 1,000 mi	0.6	2.5	5	7.5	10	12.5	15	
			× 1,000 km	1	4	8	12	16	20	24	
Drive Belt						I		I		R	–
Final Drive Oil *5											–
Brake Shoes Wear					I	I	I	I	I	I	72
Brake System				I	I	I	I	I	I	I	63
Brake Light Switch					I	I	I	I	I	I	73
Brake Lock Operation				I	I	I	I	I	I	I	69
Headlight Aim					I	I	I	I	I	I	–
Clutch Shoes Wear						I		I		I	–
Side Stand					I	I	I	I	I	I	74
Suspension					I	I	I	I	I	I	–
Nuts, Bolts, Fasteners				I		I		I		I	–
Wheels/Tires					I	I	I	I	I	I	55
Steering Head Bearings				I			I			I	–

### Notes:

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

\*2 : Service more frequently when riding in unusually wet or dusty areas.

\*3 : Service more frequently when riding in rain or at full throttle.

\*4 : 50 STATE (meets California).

\*5 : Replace every 2 years. Replacement requires mechanical skill.

# Maintenance Record

Distance	Odometer	Date	Performed By:	Notes
600 miles (1,000 km)				
2,500 miles (4,000 km)				
5,000 miles (8,000 km)				
7,500 miles (12,000 km)				
10,000 miles (16,000 km)				
12,500 miles (20,000 km)				
15,000 miles (24,000 km)				
17,500 miles (28,000 km)				
20,000 miles (32,000 km)				
22,500 miles (36,000 km)				
25,000 miles (40,000 km)				
27,500 miles (44,000 km)				
30,000 miles (48,000 km)				
52,000 miles (83,200 km)				
56,000 miles (89,600 km)				
60,000 miles (96,000 km)				
64,000 miles (102,400 km)				
68,000 miles (108,800 km)				

## 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 tire, can be a major inconvenience.

Check the following items before you get on your vehicle:

- Tire tread wear and air pressures are within limits ➡ P. 55
- Lights, horn, and turn signals operate normally

Check the following items if you are carrying a passenger or cargo:

- Combined weight is within load limits ➡ P. 108
- Cargo is secured properly

Check the following items after you get on your vehicle:

- Throttle action moves smoothly without binding ➡ P. 75
- Brake lever and pedal operate normally
- Check the fuel level and refuel when needed ➡ P. 13, ➡ P. 35
- Engine stop switch functions properly ➡ P. 22

Check the following items at regular intervals:

- Oil level is between the upper and lower level marks ➡ P. 61
- Side stand functions properly ➡ P. 74
- Rear brake lock works properly ➡ P. 25



## Periodic Checks

You should also perform other periodic maintenance checks at least once a month regardless of how often you ride, or more often if you ride frequently.

Also, check the odometer reading against the Maintenance Schedule and perform all maintenance that is due. ➤ P. 44

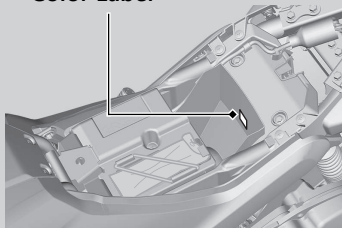
Tires and wheels	Check the air pressure (➤ P. 55), examine tread for wear and damage (➤ P. 55), and check the wheels for damage.
Fluid levels	Check the engine oil level (➤ P. 61).
Lights	Check that the headlight, brake light, taillight, and turn signals are working properly.
Controls	Check the freeplay of the front brake lever (➤ P. 63), freeplay of the rear brake pedal (➤ P. 64), throttle grip (➤ P. 75) and rear brake lock (➤ P. 25) operate properly.
Fuses	Check that you have a full supply of spare fuses.
Nuts & bolts	Check the major nuts and bolts, and tighten as needed.

### Replacing Parts

Always use Honda Genuine Parts or their equivalents to ensure reliability and safety. When ordering colored components, specify the model name, color, and code mentioned on the color label.

The color label is attached to the document compartment. ➤ P. 39

**Color Label**



### **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

Your vehicle has a maintenance-free type battery. You do not have to check the battery electrolyte level or add distilled water. Clean the battery terminals if they become dirty or corroded.

Do not remove the battery cap seals. There is no need to remove the cap when charging.



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

### NOTICE

An improperly disposed of battery can be harmful to the environment and human health. Always confirm local regulations for proper battery disposal instruction.

### 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 gives off explosive hydrogen gas during normal operation.


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

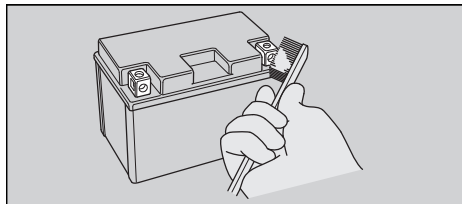
Wear protective clothing and a face shield, or have a skilled mechanic do the battery servicing.

**WARNING:** Battery posts, terminals, and related accessories contain lead and lead compounds.

**Wash your hands after handling.**

### **| Cleaning the Battery Terminals**

1. Remove the battery.  P. 59
2. If the terminals are starting to corrode and are coated with a white substance, wash with warm water and wipe clean.
3. If the terminals are heavily corroded, clean and polish the terminals with a wire brush or sandpaper. Wear safety glasses.



4. After cleaning, reinstall the battery.

The battery has a limited life span. Consult your dealer about when you should replace the battery. Always replace the battery with another maintenance-free battery of the same type.

### **| Charging**

If you use electrical accessories that drain the battery or you do not ride frequently, we recommend that you charge the battery every 30 days using a charger designed specifically for your Honda, which can be purchased from your dealer. Read the information that came with your battery charger and follow the instructions on the battery. Avoid using an automobile-type battery charger, as these can overheat a motorcycle battery and cause permanent damage.

Make sure the ignition switch is in the OFF position before charging the battery.

**NOTICE**

Improper charging can damage the battery. If you can't charge the battery or it appears unable to hold a charge, contact your dealer.

**NOTICE**

Jump starting using an automobile battery can damage your vehicle's electrical system and is not recommended. Bump starting is also not recommended.

**NOTICE**

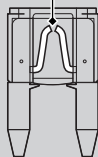
Installing non-Honda electrical accessories can overload the electrical system, discharging the battery and possibly damaging the system.

**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. 83

**Inspecting and Replacing Fuses**

Turn the ignition 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. 109

**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 dealer.

### Engine Oil

Engine oil consumption varies and oil quality deteriorates according to riding conditions and time elapsed.

Check the engine oil level regularly, and add the recommended engine oil if necessary. Dirty oil or old oil should be changed as soon as possible.

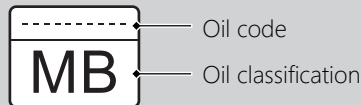
#### Selecting the Engine Oil

For recommended engine oil, see "Specifications." ▣ P. 109

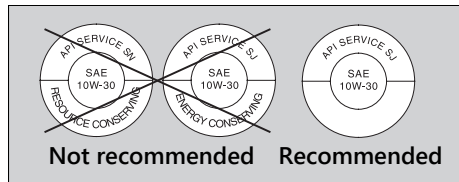
If you use non-Honda engine oil, check the label to make sure that the oil satisfies all of the following standards:

- JASO T 903 standard<sup>\*1</sup>: MB
- SAE standard<sup>\*2</sup>: 10W-30
- API classification<sup>\*3</sup>: SJ or higher

- <sup>\*1</sup>. The JASO T 903 standard is an index for engine oils for 4-stroke motorcycle engines. There are two classes: MA and MB. For example, the following label shows the MB classification.



- <sup>\*2</sup>. The SAE standard grades oils by their viscosity.
- <sup>\*3</sup>. The API classification specifies the quality and performance rating of engine oils. Use SJ or higher oils, excluding oils marked as "Energy Conserving" or "Resource Conserving" on the circular API service symbol.



## Crankcase Breather

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

If the drain tube overflows, the air filter may become contaminated with engine oil, causing poor engine performance.

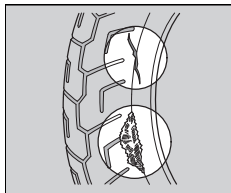
## Tires (Inspecting/Replacing)

### Checking the Air Pressure

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

### Inspecting for Damage

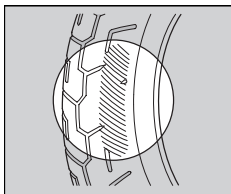
Inspect the tires for cuts, slits, or cracks that expose fabric or cords, or nails or other foreign objects embedded in the side of the tire or the tread.



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

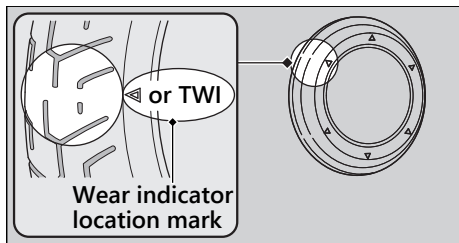
### Inspecting for Abnormal Wear

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



### Inspecting Tread Depth

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



## **⚠ WARNING**

Riding on tires 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 tire inflation and maintenance.



Have your tires replaced by your dealer.  
For recommended tires and air pressure, see  
"Specifications." 📄 P. 109

Follow these guidelines whenever you replace tires:

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

## **WARNING**

Installing improper tires 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 tires recommended in this owner's manual.

### Tire Service Life

The service life of your tires is dependent on many factors, including, but not limited to, riding habits, road conditions, vehicle loading, tire air pressure, maintenance history, speed, and environmental conditions (even when the tires are not in use).

In addition to your regular inspections and maintenance, it is recommended that you have annual inspections performed once the tires reach 5 years old. It is also recommended that all tires be removed from service after 10 years from the date of manufacture, regardless of their condition or state of wear.

The last four digits of the TIN (tire identification number) indicate the date of manufacture.

### Tire Identification Number (TIN)

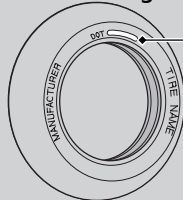
The tire identification number (TIN) is a group of numbers and letters located on the sidewall of the tire.



#### DOT XXXX XXXX 20 23

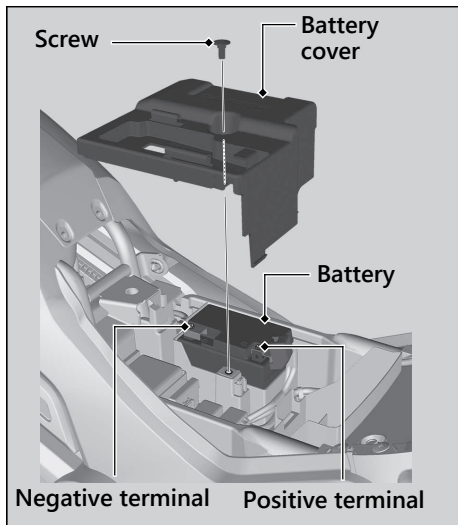
- DOT: This indicates that the tire meets all requirements of the U.S. Department of Transportation.
- ① XXXX: Factory code
  - ② XXXX: Tire type code
  - ③ 20 23: Date of manufacture (week & year). Example: week 20 in year 23.

#### Tire Labeling Example



**Tire identification number (TIN)**

## Battery



### Removal

Make sure the ignition switch is in the OFF position.

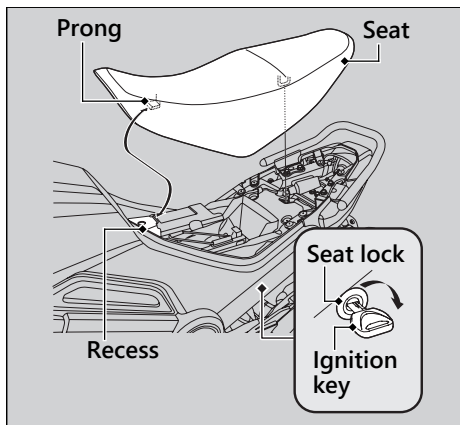
1. Remove the seat. ➤ P. 60
2. Remove the battery cover by removing the screw.
3. Disconnect the negative  $\ominus$  terminal from the battery.
4. Disconnect the positive  $\oplus$  terminal from the battery.
5. Remove the battery, taking care not to drop the terminal nuts.

### Installation

Install the parts in the reverse order of removal. Always connect the positive  $\oplus$  terminal first. Make sure bolts and nuts are tight.

For proper handling of the battery, see  
"Maintenance Fundamentals." ► P. 51  
"Battery Goes Dead." ► P. 79

## Seat



### Removal

1. Insert the ignition key into the seat lock.
2. Turn it clockwise, then pull the seat up and back.

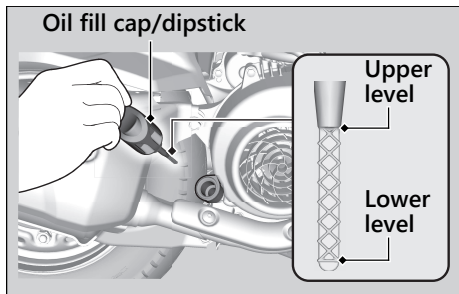
### Installation

1. Insert the prong into the recess.
2. Push forward and down on the rear of the seat until it locks in place.
3. Make sure that the seat is locked securely in position to pull it up lightly.

The seat locks automatically when closed.  
Take care not to lock your key in the compartment under the seat.

## Checking the Engine Oil

1. If the engine is cold, idle the engine for 3 to 5 minutes.
2. Turn the ignition switch to the OFF position and wait for 2 to 3 minutes.
3. Place your vehicle on its center stand on a firm, level surface.
4. Remove the oil fill cap/dipstick and wipe it clean.
5. Insert the oil fill cap/dipstick until it seats, but don't screw it in.
6. Check that the oil level is between the upper level and lower level marks on the oil fill cap/dipstick.
7. Securely install the oil fill cap/dipstick.



## Adding Engine Oil

If the engine oil is below or near the lower level mark, add the recommended engine oil.

► P. 54, ► P. 109

1. Remove the oil fill cap/dipstick. Add the recommended oil until it reaches the upper level mark.
  - Place your vehicle on its center stand on a firm, level surface when checking the oil level.
  - Do not overfill above the upper level mark.
  - Make sure no foreign objects enter the oil filler opening.
  - Wipe up any spills immediately.

2. Securely reinstall the oil fill cap/dipstick.

### NOTICE

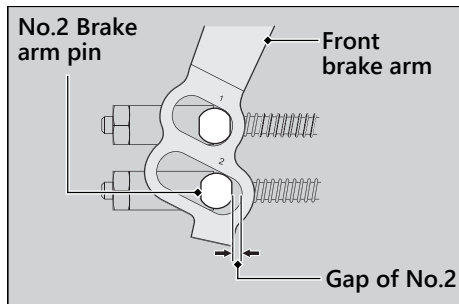
Overfilling with oil or operating with insufficient oil can cause damage to your engine. Do not mix different brands and grades of oil.

For the recommended oil and oil selection guidelines, see "Maintenance Fundamentals."

► P. 54

## Inspecting the Front Brake Lever Freeplay

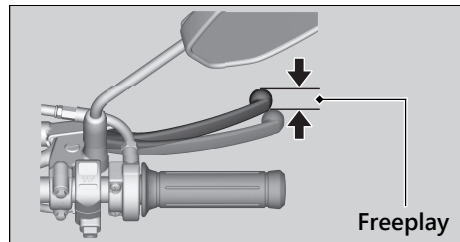
1. Place your vehicle on its center stand on a firm, level surface.
2. Confirm there is a gap between the front brake arm and No.2 brake arm pin.
  - If there is no gap, adjust the Brake Lever/Pedal Freeplay. ➡ P. 65



3. Measure the distance the front brake lever moves before the brake takes hold.

### Freeplay at the tip of the brake lever:

3/8 - 13/16 in (10 - 20 mm)



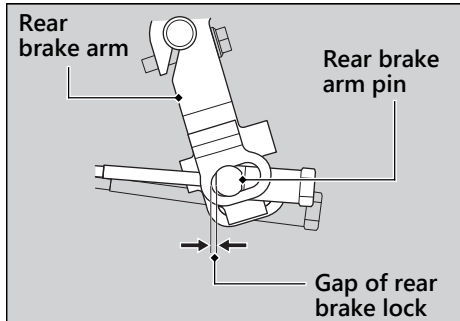
Check the brake cable for kinks or signs of wear. If necessary, have it replaced by your dealer.

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

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

## Inspecting the Rear Brake Pedal Freeplay

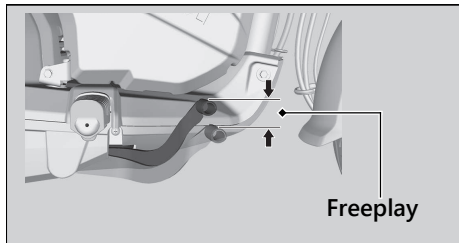
1. Place your vehicle on its center stand on a firm, level surface.
2. Confirm that the gap between the rear brake arm and rear brake arm pin for rear brake lock.
  - If there is no gap, adjust the Brake Lever/Pedal Freeplay. ► P. 65



3. Measure the distance the rear brake pedal moves before the brake takes hold.

### Freeplay at the tip of the brake pedal:

13/16 - 1 3/16 in (20 - 30 mm)



Check the brake cable for kinks or signs of wear. If necessary, have it replaced by your dealer.

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

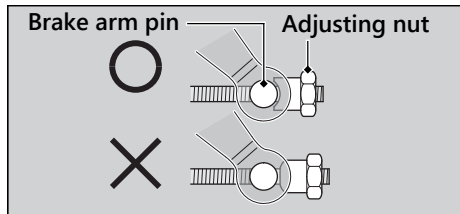
Make sure the brake arm, spring and fastener are in good condition.



## Adjusting the Brake Lever/ Pedal Freeplay

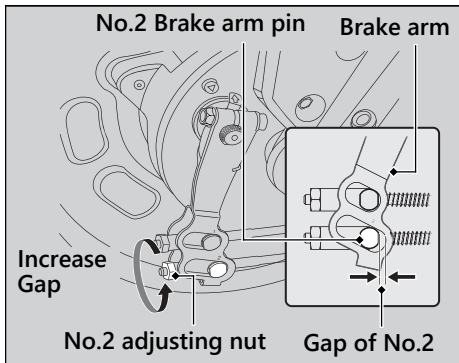
Adjust the freeplay of the brake lever/pedal with the front wheel pointed straight ahead in the order of front brake followed by rear brake then rear brake lock.

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.

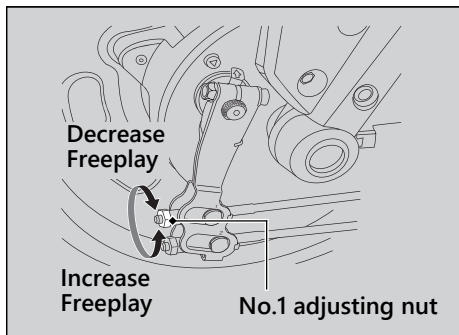
1. Confirm that the gap is 0.04 in (1 mm) or more between the brake arm and No.2 brake arm pin.  
► If there is no gap or small gap, adjust the No. 2 adjusting nut to increase the gap.



## Brakes ► Adjusting the Brake Lever/Pedal Freeplay

- Adjust the freeplay of the front brake lever is  $3/8 - 13/16$  in (10 - 20 mm) by turning the No.1 adjusting nut a half-turn at a time.

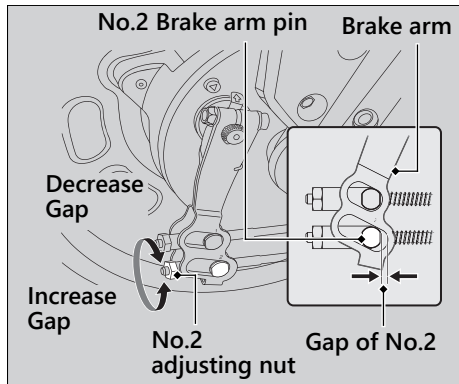
- If there is no gap between the brake arm and No.2 brake arm pin after adjustment, adjust the No. 2 adjusting nut to increase the gap. Then adjust the freeplay again.



- Adjust No.2 adjusting nut so that the gap between the brake arm and No.2 brake arm pin as follows.

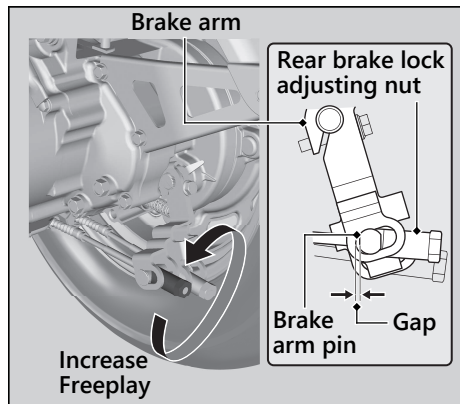
Gap of No.2 :

approximately 0.04 in (1 mm)

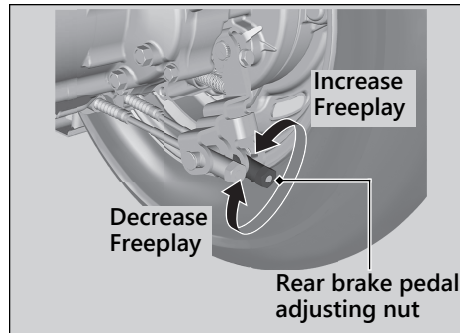


## Brakes ► Adjusting the Brake Lever/Pedal Freeplay

4. Confirm that the gap is 0.04 in (1 mm) or more between the brake arm and brake arm pin for rear brake lock.
- If there is no gap or small gap, adjust the rear brake lock adjusting nut to increase the gap.



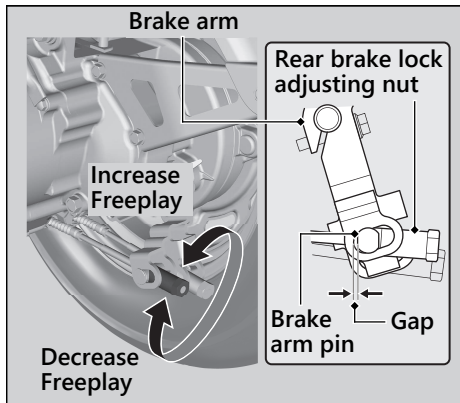
5. Adjust the freeplay of the rear brake pedal is 13/16 - 1 3/16 in (20 - 30 mm) by turning the rear brake pedal adjusting nut a half-turn at a time.
- If there is no gap between the brake arm and brake arm pin for rear brake lock after adjustment, adjust the rear brake lock adjusting nut to increase the gap. Then adjust the freeplay again.



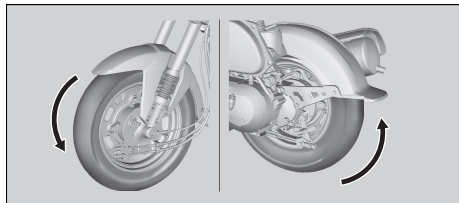
**Brakes ► Adjusting the Brake Lever/Pedal Freeplay**

6. Adjust rear brake lock adjusting nut so that the gap between the brake arm and brake arm pin for rear brake lock as follows.

Gap of rear brake lock :  
approximately 0.04 in (1 mm)



7. Apply the brakes several times and check for free wheel rotation after the front brake lever and rear brake pedal are released.



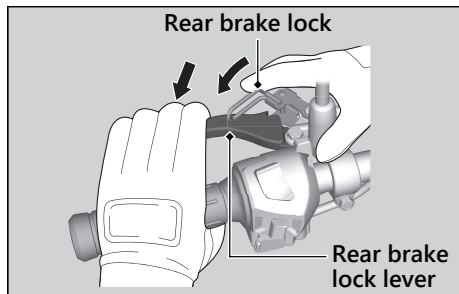
After adjustment, confirm the freeplay of the brake lever/pedal.

**NOTICE**

Do not turn the adjusters beyond its natural limits.

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

## Checking the Rear Brake Lock

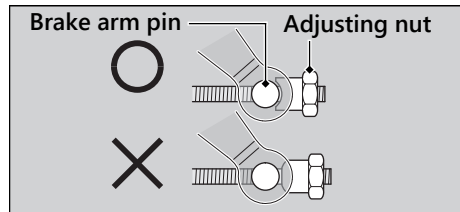


Place your vehicle on a firm, level surface.  
 Stop the engine.  
 Squeeze the rear brake lock lever and set the rear brake lock.  
 Check the efficacy of the rear brake lock.

If the efficacy of the rear brake lock becomes weak, adjust the rear brake lock. ■ P. 69

## Adjusting the Rear Brake Lock

Adjust the rear brake lock with the front wheel pointed straight ahead.  
 Make sure the cut-out on the adjusting nut is seated on the brake arm pin when adjusting the freeplay.



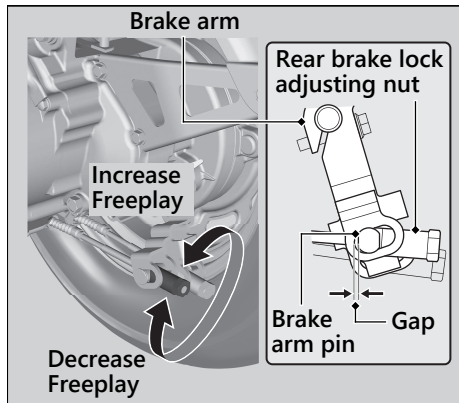
If proper adjustment cannot be obtained by this method, see your dealer.

**Brakes ► Adjusting the Rear Brake Lock**

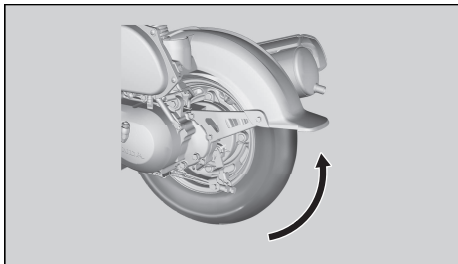
1. Inspect the Front Brake Lever/Rear Brake Pedal Freeplay. ➤ P. 63, ➤ P. 64  
► If the freeplay is out of specification, adjust the Brake Lever/Pedal Freeplay. ➤ P. 65

2. Adjust rear brake lock adjusting nut so that the gap between the brake arm and brake arm pin for rear brake lock as follows.

Gap of rear brake lock :  
approximately 0.04 in (1 mm)



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



After adjustment, confirm the efficacy of the rear brake lock.

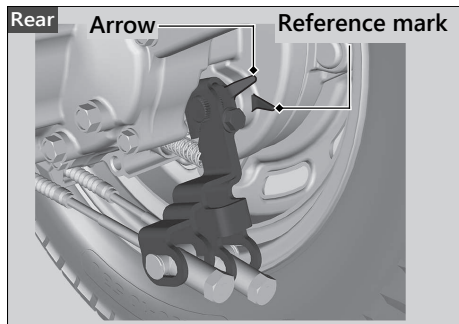
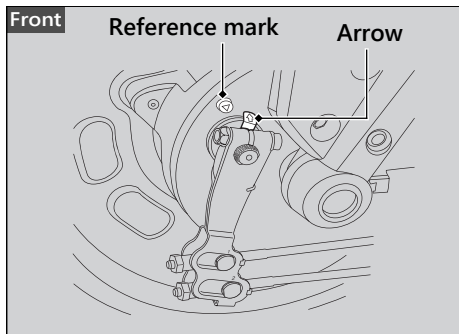
**NOTICE**

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.

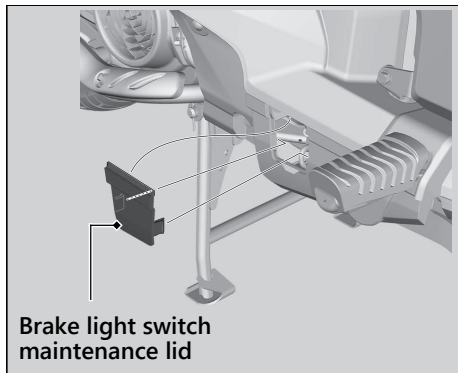


When the brake is applied, an arrow attached to the brake arm moves toward a reference mark on the brake panel. If the arrow aligns with the reference mark on full application of the brake, the brake shoes must be replaced. See your dealer for this service.

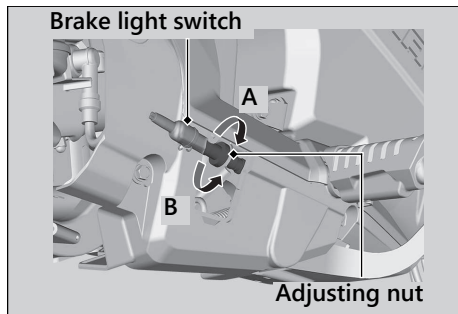
When brake service is necessary, see your dealer. Use only Honda Genuine Parts or their equivalent.



## Adjusting the Brake Light Switch

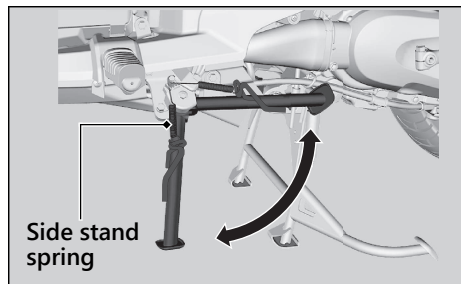


1. Remove the rear brake light switch maintenance lid.



2. Check the operation of the brake light switch.  
Hold the brake light switch and turn the adjusting nut in the direction A if the switch operates too late, or turn the nut in the direction B if the switch operates too soon.
3. Install the rear brake light switch maintenance lid.

### Checking the Side Stand



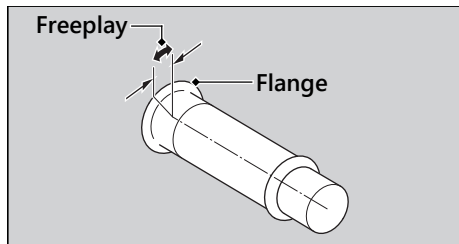
1. Place your vehicle on its center stand on a firm, level surface.
2. Check that the side stand operates smoothly. If the side stand is stiff or squeaky, clean the pivot area and lubricate the pivot bolt with clean grease.
3. Check the spring for damage or loss of tension.
4. Sit on the vehicle and raise the side stand.
5. Start the engine.
6. Lower the side stand all the way. The engine should stop as you lower the side stand. If the engine doesn't stop, have your vehicle inspected by your dealer.

## Checking the Throttle

With the engine off, check that the throttle rotates smoothly from fully closed to fully open in all steering positions and throttle freeplay is correct. If the throttle does not move smoothly or close automatically, or if the cable is damaged, have the vehicle inspected by your dealer.

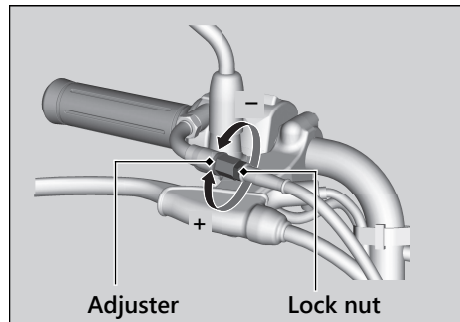
### Freeplay at the throttle grip flange:

1/16 - 1/4 in (2 - 6 mm)



## Adjusting the Throttle Freeplay

1. Loosen the lock nut.
2. Turn the adjuster until the freeplay is 1/16 - 1/4 in (2 - 6 mm).
3. Tighten the lock nut, and inspect the throttle action again.



# Troubleshooting

<b>Engine Will Not Start</b> .....	P. 77
<b>Tire Puncture</b> .....	P. 78
<b>Electrical Trouble</b> .....	P. 79
Battery Goes Dead .....	P. 79
Burned-out Light Bulb.....	P. 79
Blown Fuse .....	P. 83

### Starter Motor Operates But Engine Does Not Start

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Check the following items:

- Check the correct engine starting sequence. ➤ P. 27
- Check that there is gasoline in the fuel tank.

### Starter Motor Does Not Operate

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Check the following items:

- Check the correct engine starting sequence. ➤ P. 27
- Make sure engine stop switch is in the  (Run) position. ➤ P. 22
- Check for a blown fuse. ➤ P. 83
- Check for a loose battery connection (➤ P. 59) or battery terminal corrosion (➤ P. 51).
- Check the condition of the battery. ➤ P. 79

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

If the electric starter does not work and you can start the engine with kickstarting.

#### **WARNING**

When you kickstart the engine, check if the lights, horn, and turn signals operate normally. If they do not work normally, do not ride the vehicle as the battery is not charged.

If the battery is not charged, lights, horn and turn signals may not operate properly.

As a result, other vehicles may not be able to see you or you may not be able to see other vehicles or road hazards, increasing the risk of a crash resulting in injury or death.

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

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

### Emergency Repair Using a Tire Repair Kit

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

Follow the instructions provided with the emergency tire repair kit.

Riding your vehicle with a temporary tire repair is very risky. Do not exceed 30 mph (50 km/h). Have the tire replaced by your dealer as soon as possible.

### WARNING

Riding your vehicle with a temporary tire 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 tire repair, ride slowly and carefully and do not exceed 30 mph (50 km/h) until the tire is replaced.

### Battery Goes Dead

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Charge the battery using a motorcycle battery charger.

Remove the battery from the vehicle before charging.

Do not use an automobile-type battery charger, as these can overheat a motorcycle battery and cause permanent damage. If the battery does not recover after recharging, contact your dealer.

#### NOTICE

Jump starting using an automobile battery can damage your vehicle's electrical system and is not recommended.

Bump starting is also not recommended.

### Burned-out Light Bulb

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Follow the procedure below to replace a burned-out light bulb.

Turn the ignition switch to the OFF position.

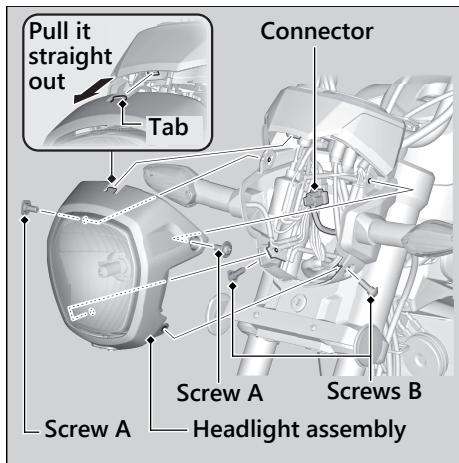
Allow the bulb to cool before replacing it.

Do not use bulbs other than those specified.

Check the replacement bulb for correct operation before riding.

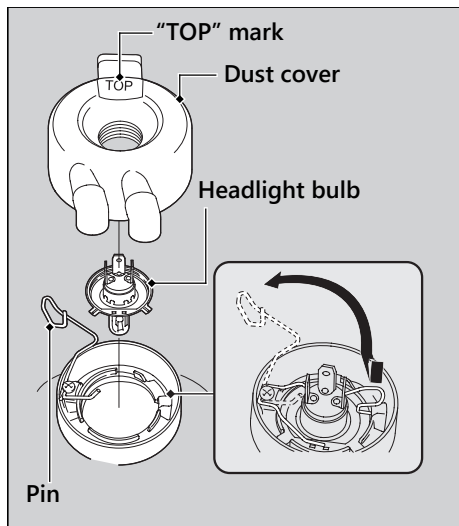
For the light bulb wattage, see "Specifications." ➡ P. 109

## Headlight Bulb



1. Remove the screws A and the screws B.
2. Carefully release the tab of the headlight by pulling it straight out.  
► Do not rotate the headlight to release the tab, the tab and the meter cover may be damaged.
3. Carefully remove the headlight assembly.
4. Disconnect the connector.



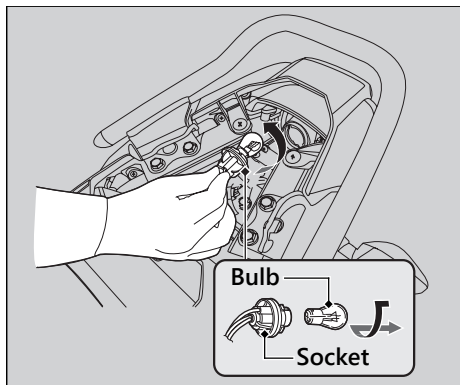


5. Remove the dust cover.
6. Press the pin down and pull out the bulb without turning it.

7. Install a new bulb and parts in the reverse order of removal.
  - Install the dust cover with its "TOP" mark facing up.

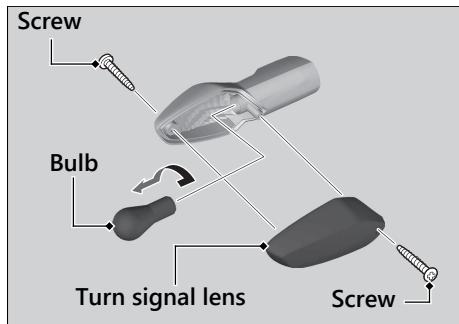
Do not touch the glass surface with your fingers. If you touch the bulb with your bare hands, clean it with a cloth moistened with isopropyl (rubbing) alcohol.

## Brake light/Taillight Bulb



1. Remove the seat. ► P. 60
2. Turn the socket counterclockwise, and remove it.
3. Slightly press the bulb in and turn it counterclockwise.
4. Install a new bulb and parts in the reverse order of removal.

## Front/Rear Turn Signal Bulb

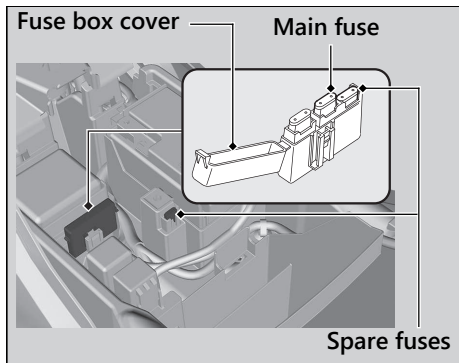


1. Remove the turn signal lens by removing the screws.
2. Slightly press the bulb in and turn it counterclockwise.
3. Install a new bulb and parts in the reverse order of removal.  
► Only use amber bulbs.

## Blown Fuse

Before handling fuses, see "Inspecting and Replacing Fuses." ► P. 53

### Fuse Box Fuses



1. Remove the battery cover. ► P. 59
2. Open the fuse box cover.
3. Pull out the fuses one by one to check for a blown fuse. Always replace a blown fuse with a spare of the same rating.
4. Close the fuse box cover.
5. Install the battery cover.
6. Install the seat.

#### NOTICE

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

# Information

Keys.....	P. 85
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High Altitude Carburetor Adjustment .....	P. 98
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Warranty Coverage and Service .....	P. 101
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## Keys

### Ignition Key/Steering Lock 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 dealer.

If you lose all ignition keys and the key number, the ignition switch assembly will probably have to be removed by your dealer to determine the key number.

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

## Instruments, Controls, & Other Features

### Ignition Switch

Leaving the ignition switch in the ON position with the engine stopped will drain the battery.

Do not turn the key while riding.

### Engine Stop Switch

Do not use the engine stop switch except in an emergency. Doing so when riding will cause the engine to suddenly turn off, making riding unsafe.

If you stop the engine using the engine stop switch, turn the ignition switch to the OFF position. Failing to do so will drain the battery.

### Odometer

The odometer resets to 0 when the odometer mileage exceeds 99,999.9.

### Document Bag

The owner's manual, registration, and insurance information can be stored in the plastic document bag located in the document compartment. ➤ P. 39

## 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 engine, muffler, 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 air cleaner, muffler, and 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 tires. Brake discs, pads, drum 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 tires and brakes.
  - ▶ If your vehicle has any matte painted parts, do not apply a coat of wax to the matte 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.
    - ▶ Water in the air intake can be drawn into the carburetor and/or enter the air cleaner.
  - Do not direct water at the muffler:
    - ▶ Water in the muffler can prevent starting and causes rust in the muffler.
  - 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 and other belongings.
- 
- Do not direct water at the air cleaner:
    - ▶ Water in the air cleaner can prevent the engine from starting.
  - 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.
    - ▶ Any condensation inside the headlight should dissipate after a few minutes of running the engine with the headlight(s) on.  
However, if you see a large amount of water or ice accumulated inside the lens(es), have your vehicle inspected by your dealer.
  - Do not use wax or polishing compounds on matte painted surfaces:
    - ▶ Use a soft cloth or sponge, plenty of water, and a mild detergent to clean matte painted surfaces. Dry with a soft clean cloth.



## Aluminum Components

Aluminum will corrode from contact with dirt, mud, or road salt. Clean aluminum 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 gasoline or detergents on the instruments, panels, or headlight.

## Exhaust Pipe and Muffler

If the exhaust pipe and muffler are painted, do not use a commercially available abrasive kitchen cleaning compound. Use a neutral detergent to clean the painted surface on the exhaust pipe and muffler. If you are not sure if your exhaust pipe and muffler are painted, contact your dealer.

## 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:

- Wash your vehicle and wax all painted surfaces (except matte painted surfaces). Coat chrome pieces with rust-inhibiting oil.
- Place your vehicle on its center stand and position a block so that both tires are off the ground.
- After rain, remove the body cover and allow the vehicle to dry.
- Remove the battery (➡ P. 59) to prevent discharge. Fully charge the battery and then place it in a shaded, well-ventilated area.
  - ▶ If you leave the battery in place, disconnect the negative ⊖ terminal to prevent discharge.

After removing your vehicle from storage, inspect all maintenance items required by the Maintenance Schedule.

**USA** For more information about storage, refer to the *Honda Winter Storage Guide*, available from your dealer.

**Canada** For more information about storage, visit our website at [www.honda.ca](http://www.honda.ca) and look up "Storage Tips" under the "Honda Warranty" in the Warranty tab for your Model.

## 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

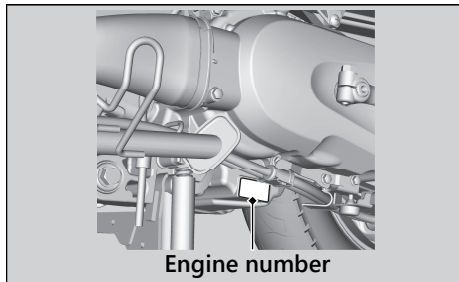
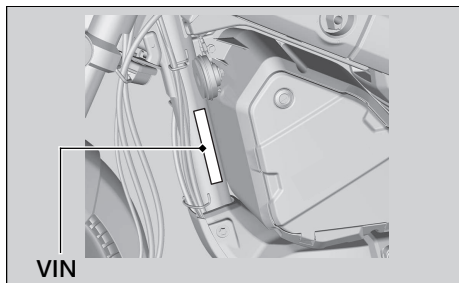
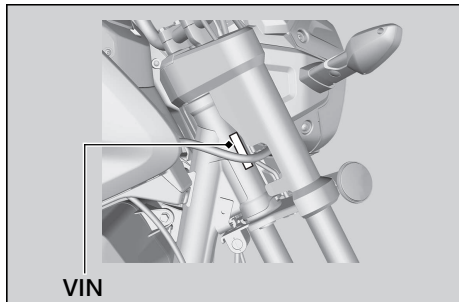
Use a biodegradable detergent when you wash your vehicle. Avoid aerosol spray cleaners that contain chlorofluorocarbons (CFCs) which damage the atmosphere's protective ozone layer.

### Recycle Wastes

Put oil and other toxic wastes in approved containers and take them to a recycling center. Call your local or state office of public works or environmental services to find a recycling center 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, gasoline, and cleaning solvents contain poisons that can hurt refuse workers and contaminate drinking water, lakes, rivers, and oceans.

## Vehicle Identification Number

The VIN and engine serial number uniquely identify your vehicle and are required in order to register your vehicle. They may also be required when ordering replacement parts. You should record these numbers and keep them in a safe place.



## Emission Control Systems

Your vehicle engine emits combustion byproducts, including carbon monoxide (CO), oxides of nitrogen (NOx), and hydrocarbons (HC). Gasoline evaporation also emits hydrocarbons. Controlling the production of NOx, CO, and HC is important for the environment.

### Exhaust Emission Requirements

The U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), and Environment and Climate Change Canada (ECCC) require that your vehicle comply with applicable exhaust, crankcase, and fuel permeation emission standards during its useful life, when operated and maintained according to the instructions provided.

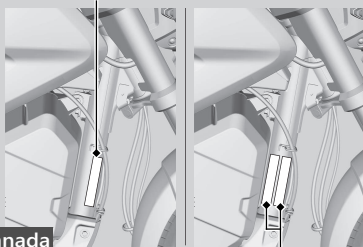
CARB also requires that your vehicle comply with applicable evaporative emission requirements during its useful life, when

operated and maintained according to the instructions provided.

**USA** Compliance with the terms of the Distributor's Warranties for Honda Scooter Emission Control Systems is necessary in order to maintain a valid emissions system warranty. The Vehicle Emission Control Information label is attached to the right side of the frame body.

**USA**

**Vehicle emission control information label**



**Canada**

**Vehicle emission control information label**

## Noise Emission Requirements

The EPA requires that vehicles built after January 1, 1983 comply with applicable noise emission standards for one year or 3,730 miles (6,000 km) after the time of purchase when operated and maintained according to the instructions provided.

## Exhaust Emission Control System

The exhaust emission control system consists of appropriate carburetor settings, and no adjustment should be made except idle speed adjustment with the throttle stop screw.

### ■ Secondary Air Injection System

The secondary air injection system adds filtered air into the exhaust gas to help improve emission control performance.

## Evaporative Emission Control System

### 50 STATE (meets California)

An evaporative emissions control system uses a canister filled with charcoal to adsorb fuel vapor from the fuel tank and carburetor while the engine is off. The vapor is drawn into the engine and burned while riding.

## Crankcase Emissions Control System

The engine is equipped with a closed crankcase system to prevent discharging crankcase emissions into the atmosphere. Blow-by gas is returned to the combustion chamber through the air cleaner and carburetor.

### Fuel Permeation Emission Control

The fuel tank, fuel hoses, and fuel vapor charge hoses use fuel permeation control technologies to prevent fuel vapor emissions. Tampering with these components to reduce or defeat the effectiveness of the fuel permeation technologies is prohibited.

### Noise Emission Control System

#### **TAMPERING WITH THE NOISE CONTROL SYSTEM IS PROHIBITED:**

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



**AMONG THOSE ACTS PRESUMED TO CONSTITUTE TAMPERING ARE THE FOLLOWING ACTS:**

- Removal of, or puncturing the muffler, baffles, header pipes or any other component which conducts exhaust gases.
- Removal of, or puncturing of any part of the intake system.
- Lack of proper maintenance.
- Removing or disabling any emissions compliance component, or replacing any compliance component with a noncompliant component.

**Problems Affecting Vehicle Exhaust Emissions**

Have your vehicle inspected and repaired by your dealer if you experience any of the following symptoms:

- Hard starting or stalling after starting
- Rough idling
- Misfiring or backfiring during acceleration
- Poor engine performance and poor fuel economy

# High Altitude Carburetor Adjustment

Your engine's air-fuel mixture becomes overly rich when operated at high altitudes.

Above 6,500 ft (2,000 m), a rich mixture can cause driveability problems, reduce engine performance, and increase fuel consumption. To compensate, you can have the carburetor adjusted for high altitude riding. See your dealer.

However, the carburetor must be returned to standard factory specifications before riding again at lower altitudes (below 5,000 ft (1,500 m)). See your dealer.

Sustained riding at lower altitudes with the lean high-altitude setting may cause rough idling, stalling, or engine damage from overheating.

## Oxygenated Fuels

Some conventional fuels blended with alcohol or an ether compound are available in some locales to help reduce emissions to meet clean air standards. These gasolines are collectively referred to as oxygenated fuels. If you plan to use oxygenated fuel, check that it is unleaded and meets the minimum octane rating and blend requirement.

The following fuel blends have been approved for use in your vehicle:

- Ethanol (ethyl alcohol) up to 10% by volume.
  - ▶ Gasoline containing ethanol may be marketed under the name Gasohol.
- Do not use gasoline containing methanol (methyl alcohol).

If you accidentally fill your fuel tank with an oxygenated fuel containing higher percentages, you may experience performance problems. To resolve the problem, have your dealer drain the fuel tank and replace with the correct fuel. Fuel system or performance problems resulting from the use of an oxygenated fuel containing higher percentages are not covered by your warranty.

### NOTICE

Improper use of oxygenated fuels can damage metal, rubber, and plastic parts of your fuel system.

Oxygenated fuel can also damage paint.

Damage caused by spilled fuel is not covered by warranty.

If you notice any undesirable operating symptoms or performance problems, try a different brand of gasoline.

## Authorized Manuals

**USA** The Service Manual used by your authorized dealer is available from your Honda dealer or Helm, Inc.

**Canada** See your dealer to order authorized manuals.

Also available, but not necessary to service your model, is the Honda Common Service Manual, which explains basic service information for various systems on Honda motorcycles, scooters, ATV, and SxS.

**USA** The Winter Storage Guide in conjunction with the Owner's Manual and Service Manual can help you prepare your Honda motorcycle, scooter, ATV, and SxS for winter storage.

These Honda manuals are written for the professional technician. However, if you possess the proper tools, observe the safety standards, and are mechanically capable, you should find them easy to use.

Special Honda tools are necessary for some procedures.

**USA**

**Order online: [www.helminc.com](http://www.helminc.com)**

**Order Toll Free: 1-888-CYCLE93**

(1-888-292-5393)

(NOTE: For Credit Card Orders Only)

Monday - Friday 8:00 AM - 6:00 PM ET

Description	
2025 Navi Service Manual	
Common Service Manual (61CSM00)	
<b>USA</b> Winter Storage Guide (S9507)	
2025 Navi Owner's Manual	

# Warranty Coverage and Service

## Coverage

Your new Honda is covered by the following warranties:

- Vehicle Limited Warranty
- Emission Control System Warranty
- **USA** Noise Control Warranty

The responsibilities, restrictions, and exclusions that apply to these warranties are explained in the Warranties Booklet given to you by your Honda dealer at the time of purchase. Always keep your Honda owner's card with your Warranties Booklet.

**Canada** Please refer to the Warranty Booklet posted on our website at [www.honda.ca](http://www.honda.ca).

It is important to realize that your warranty applies only to defects in material or workmanship of your Honda. Your warranty coverage does not apply to the normal wear and deterioration associated with use of the vehicle.

Your warranty coverage is not voided if you perform your own maintenance. However, failures that occur due directly to improper maintenance are not covered by these warranties.

**USA** You can extend almost all of your warranty coverage through the HondaCare® Protection Plan. For more information, see your Honda dealer.

### **Statement on Warranty Coverage for Aftermarket and Recycled Parts**

The Magnuson-Moss Warranty Act, 15 U.S.C. s. 2301 et seq., makes it illegal for motor vehicle manufacturers to void a motor vehicle warranty or deny warranty coverage solely because an aftermarket or recycled part has been used to repair the vehicle or someone other than the authorized service provider performed service on the vehicle. This provision does not apply to a new motor vehicle purchased solely for commercial or industrial use.

Under federal law, a manufacturer may deny warranty coverage and charge for repairs to a vehicle if it is discovered that an aftermarket or recycled part installed on the vehicle is defective or was installed incorrectly and caused damage to another part of the vehicle otherwise covered under warranty. The Federal Trade Commission requires that a manufacturer demonstrate that an aftermarket or recycled part or service performed by a person other than an

authorized service provider caused damage to another part of the vehicle otherwise covered under warranty before denying warranty coverage. Additionally, federal law allows a manufacturer to void a motor vehicle warranty or deny warranty coverage if the manufacturer provides the article or service to consumers free of charge under the warranty or the manufacturer has secured a waiver from the Federal Trade Commission.

### Service

Please remember that maintenance recommended in the Maintenance Schedule is not included in your warranty coverage.

If you believe you have a problem with your vehicle, call the service department of your Honda dealer. Make an appointment for an inspection and diagnosis. You will be asked to authorize that inspection, and your dealer will return the results of the inspection. If a problem exists and is covered under warranty, your dealer will perform the warranty repairs. If you have any questions about your warranty coverage or the nature of the repair, talk to the Service Manager of your Honda dealer.

If a misunderstanding occurs and you aren't satisfied with your dealer's handling of the situation, we suggest you discuss your problem with the appropriate member of the dealership's management team. If you are still not satisfied, contact the owner of the dealership or their designated representative.

## Honda Contacts

### American Honda Motor Co., Inc.

If you wish to contact Honda directly to comment on your experiences with your vehicle or with your dealer, please send your comments using one of the following methods:



#### POST MAIL

Powersports Customer Relations  
American Honda Motor Co., Inc.  
4900 Marconi Drive  
Alpharetta, GA 30005-8847



#### PHONE

Telephone: (866) 784-1870



#### ONLINE CUSTOMER SERVICE

Website: <https://powersports.honda.com/contact-us>

### Canada

Honda Canada Inc.  
Customer Relations Department,  
180 Honda Boulevard  
Markham, Ontario  
L6C 0H9

Telephone: (888) 946-6329

Fax: (877) 939-0909

E-mail: [honda\\_cr@ch.honda.com](mailto:honda_cr@ch.honda.com)

Please include the following information in your letter:

- Name, address, and telephone number
- Product model, year, and VIN
- Date of purchase
- Dealer name and address

We will likely ask your Honda dealer to respond, or possibly acknowledge your comments directly.



## Your Honda Dealer

The service department of your Honda dealer offers trained personnel to perform regular maintenance and unexpected repairs. It has the latest available service information from Honda and also handles warranty inspections and repairs.

The parts department offers Honda Genuine Parts, Pro Honda products, Honda Accessories (USA only), and Honda accessories and products (Canada only) that provide the same quality that went into your vehicle.

**USA** The sales department offers the HondaCare® Protection Plan to extend almost all of your warranty coverage.

Your Honda dealer can also supply information about riding events and information about safety training available in your local area.

## Reporting Safety Defects

### USA

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

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or American Honda Motor Co., Inc.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at:

1-888-327-4236

(TTY: 1-800-424-9153); go to

<https://www.safercar.gov>;

or write to:

Administrator, NHTSA,  
1200 New Jersey Avenue, SE.,  
Washington, DC 20590.

You can also obtain other information about motor vehicle safety from:

<https://www.safercar.gov>.

**Canada**

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform Honda Canada Inc. and you may also inform Transport Canada.

If Transport Canada receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may lead to a recall and remedy campaign. However, Transport Canada cannot become involved in individual problems between you, your dealer, or Honda Canada Inc.

To contact Transport Canada's Defect Investigations and Recalls Division,

Mailing Address:  
Transport Canada - ASFAD  
330 Sparks Street  
Ottawa, ON  
K1A 0N5

Telephone: 819-994-3328 (Ottawa-Gatineau area or internationally)  
Toll free: 1-800-333-0510 (in Canada)

Online:  
(English Link:) [www.tc.canada.ca/recalls](http://www.tc.canada.ca/recalls)  
(French Link:) [www.tc.canada.ca/rappels](http://www.tc.canada.ca/rappels)

For more information on reporting safety defects or about motor vehicle safety, go to  
<https://www.tc.gc.ca/roadsafety>.

# Specifications

## ■ Main Components

Overall length	71.1 in (1,805 mm)
Overall width	28.9 in (735 mm)
Overall height	41.1 in (1,045 mm)
Wheelbase	50.6 in (1,285 mm)
Minimum ground clearance	5.9 in (150 mm)
Caster angle	27.5°
Trail	3.1 in (79 mm)
Curb weight	234 lb (106 kg)
Maximum weight capacity *1	344 lb (156 kg)
Maximum luggage weight *2	Luggage box 6.6 lb (3.0 kg)
Passenger capacity	Rider and 1 passenger
Minimum turning radius	6.2 ft (1.90 m)

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

\*2 : Includes the weight of the luggage and added accessories

Displacement *1	6.6 cu-in (109 cm <sup>3</sup> )
Bore x stroke	1.97 x 2.19 in (50.0 x 55.6 mm)
Compression ratio	9.5:1
Fuel	Unleaded gasoline Recommended: 86 PON or higher
Tank capacity	0.92 US gal (3.5 L)
Battery	YTX5L-BS 12 V- 4 Ah (10 HR)
Primary reduction	V-Matic (2.55:1-0.80:1)
Final reduction	10.117

\*1 : Displacement less than 9.2 cu-in (150 cm<sup>3</sup>) may have highway operating restrictions depending on state laws.

## ■ Service Data

Tire size	Front	90/90-12 5J
	Rear	90/100-10 53J
Tire type		Bias-ply, tubeless
Recommended Tire	Front	MRF NYLOGRIP ZAPPER-FG
	Rear	MRF NYLOGRIP ZAPPER
Tire air pressure (Up to 90 kg (200 lb) load)	Front	22 psi (150 kPa, 1.50 kgf/cm <sup>2</sup> )
	Rear	29 psi (200 kPa, 2.00 kgf/cm <sup>2</sup> )
Tire air pressure (Up to maximum weight capacity)	Front	22 psi (150 kPa, 1.50 kgf/cm <sup>2</sup> )
	Rear	36 psi (250 kPa, 2.50 kgf/cm <sup>2</sup> )
Spark plug	(standard)	MR7C- 9N (NGK) UR6DE0 (BOSCH)
Spark plug gap		0.03 - 0.04 in (0.8 - 0.9 mm)
Idle speed		1,700 ± 100 rpm
Recommended engine oil		API Service Classification SJ or higher except oils labeled as energy conserving or resource conserving on the circular API service label, SAE 10W-30, JASO T 903 standard MB, Pro Honda HP4M 4-stroke oil (USA & Canada) or Honda 4-stroke oil, or an equivalent motorcycle oil

Engine oil capacity	After draining	0.74 US qt (0.70 L)
	After draining & cleaning strainer screen	0.85 US qt (0.80 L)
	After disassembly	0.85 US qt (0.80 L)
Transmission oil capacity	After draining	0.11 US qt (0.10 L)
	After disassembly	0.13 US qt (0.12 L)

## ■ Bulbs

Headlight	12 V-35/35 W
Brake light/Taillight	12 V-21/5 W
Front turn signal	12 V-21 W × 2
Rear turn signal	12 V-21 W × 2


## ■ Fuses

Main fuse	10 A
Other fuse	7.5 A

## Information Record

VIN	
Engine No.	
Color Label & Code	
Owner's Name	
Address	
City/State	
Phone	
Dealer's Name	
Address	
City/State	
Phone	
Service Manager	

## California Proposition 65 Warning

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



31K74A30  
00X31-K74-A300

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Printed in Mexico