OWNER'S MANUAL

2026 CB1000F

This manual should be considered a permanent part of the vehicle and kept accessible to ensure its correct and safe use.

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

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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. 202

Read the warranty information thoroughly so that you understand the warranty coverage and are aware of your rights and responsibilities. ➡P. 203

You may also want to visit our website at www.powersports.honda.com.
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 title:

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

Contents

Vehicle Safety P. 2

Operation Guide P. 18

Maintenance P. 108

Troubleshooting P. 158

Information P. 179

Specifications P. 209

Vehicle Safety

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

Safety Guidelines ..... P. 3
Safety Labels ..... P. 7
Safety Precautions ..... P. 9
Riding Precautions ..... P. 10
Accessories & Modifications ..... P. 15
Loading ..... P. 16

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. 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 seat strap 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.

Continued

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.

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. 16), and do not modify your vehicle or install accessories that would make your vehicle unsafe (P. 15).

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.

Continued

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.

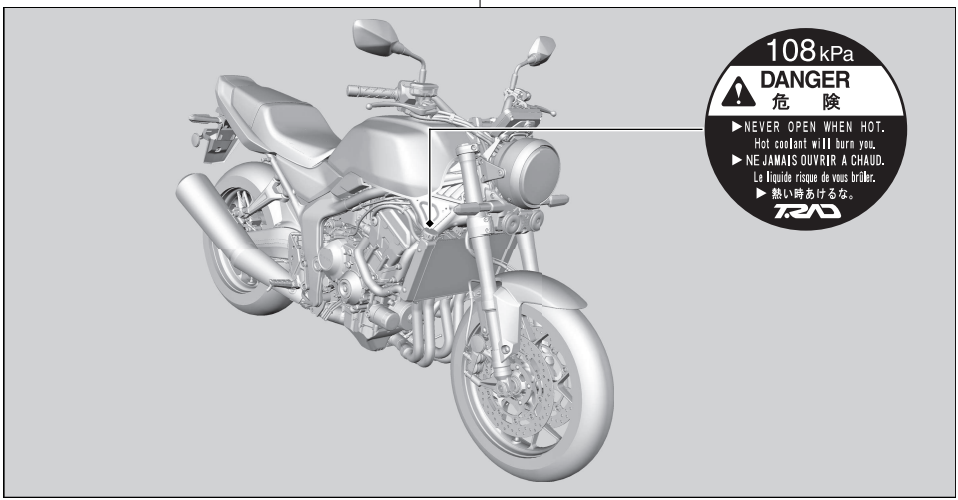
Breathing this colorless, odorless gas can quickly cause unconsciousness and lead to death.

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

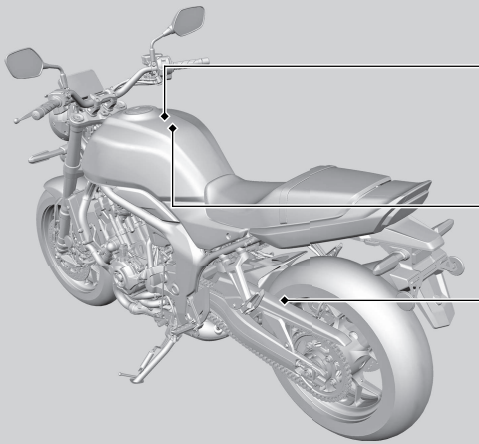
Safety Labels

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.



Continued



⚠ WARNING

Improper loading can cause a crash and you may be seriously hurt or killed.
See "Load Limits and Guidelines" in your Owner's Manual for complete instructions.

For your protection, always wear your helmet while riding.
Read the owner's manual carefully.

TIRE INFORMATION

Cold tire pressures		kPa	kgf/cm²	psi
Up to maximum weight capacity	Front	250	2.50	36
	Rear	290	2.90	42
Up to 90kg(200lbs) load	Front	250	2.50	36
	Rear	290	2.90	42
Tire size	Front	120/70ZR17M/C(58W)		
	Rear	180/55ZR17M/C(73W)		
Min. recommend tire center tread depth.	Front	1.5mm (0.06in.)		
	Rear	2.0mm (0.08in.)		
Maximum weight capacity		170kg(375lbs)		

DRIVE CHAIN

Keep chain adjusted and lubricated.



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 seat strap 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.

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.

Continued

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 and rapid down-shifts.
- Ride conservatively.

Brakes

Observe the following guidelines:

- Avoid excessively hard braking and downshifting.
  - ▶ 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. Use engine braking with intermittent use of the brakes to reduce speed.
- For full braking effectiveness, operate both the front and rear brakes together.

Anti-lock Brake System (ABS)

This model is equipped with an Anti-lock Brake System (ABS) designed to help prevent the brakes from locking up during hard braking. The ABS functions with information provided by the IMU (Inertial Measurement Unit).

- ABS does not reduce braking distance. In certain circumstances, ABS may result in a longer stopping distance.
- ABS does not function at speeds below 6 mph (10 km/h).
- The brake lever and pedal may recoil slightly when applying the brakes. This is normal.
- Always use the recommended front/rear tires and sprockets to ensure correct ABS operation.

Continued

Engine Braking

Engine braking helps slow your vehicle down when you release the throttle. For further slowing action, downshift to a lower gear. Use engine braking with intermittent use of the brakes to reduce speed when descending long, steep slopes.

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, lock the ignition switch (P. 85) and leave your vehicle while taking the Honda SMART Key with you. Deactivate the Honda SMART Key system if necessary. P. 80
  Use of an anti-theft device is also recommended.

Parking with the Side Stand

1. Stop the engine.
2. Push the side stand down.
3. Slowly lean the vehicle to the left until its weight rests on the side stand.
4. Turn the handlebar fully to the left.
   ▶ Turning the handlebar to the right reduces stability and may cause the vehicle to fall.
5. Turn the ignition switch to the LOCK position (P. 78) and lock the ignition switch (P. 85).

Refueling and Fuel Guidelines

Follow these guidelines to protect the engine, fuel system, and catalytic converter:

- 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. 201
- Do not use stale or contaminated gasoline or an oil/gasoline mixture.
- Avoid getting dirt or water in the fuel tank.

Continued

Honda Selectable Torque Control

When the Honda Selectable Torque Control (Torque Control) detects rear wheel spin during acceleration, the system will limit the amount of torque applied to the rear wheel based on the Torque Control level selected.
Additionally, the system will limit torque during a wheelie while accelerating based on the Torque Control level selected.

Torque Control will allow some wheel spin during acceleration at the lower Torque Control setting levels. Select a level that is appropriate for your skill and riding conditions.

Torque Control does not work during deceleration and will not prevent the rear wheel from skidding due to engine braking. Do not close the throttle suddenly, especially when riding on slippery surfaces.

Torque Control may not compensate for rough road conditions or rapid throttle operation. Always consider road and weather conditions, as well as your skills and condition, when applying throttle.
If your vehicle gets stuck in mud, snow, or sand, it may be easier to free it by turning off the Torque Control temporarily.
Temporarily turning off Torque Control also may help you maintain control and balance when riding on off-road terrain.

Always use the recommended tires and sprockets to ensure correct Torque Control operation.

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. 209
- Tie all luggage securely, evenly balanced, and close to the center of the vehicle.
- Do not place objects near the lights or the muffler.

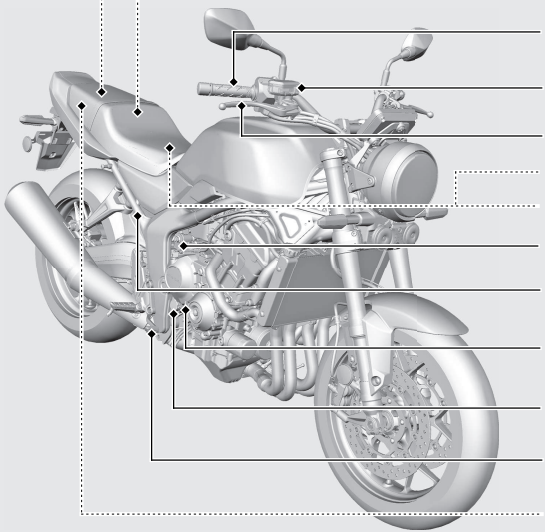
⚠WARNING

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.

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Parts Location



Tool kit P.107

Document bag P.107

Throttle grip P.148

Front brake fluid reservoir P.140

Front brake lever P.149

Battery P.131

Fuse box P.177

Engine oil fill cap P.136

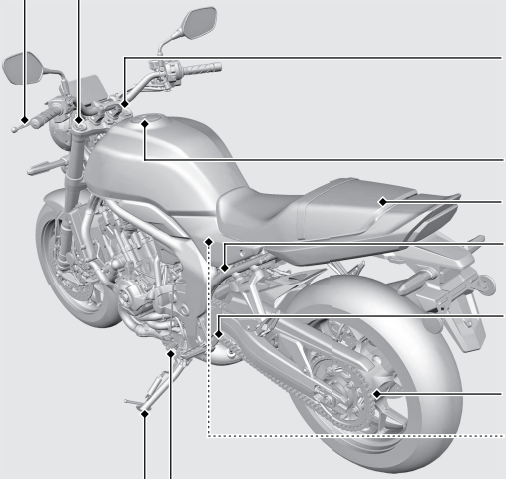
Rear brake fluid reservoir P.140

Engine oil level gauge P.136

Coolant reserve tank P.138

Rear brake pedal

USB Socket P.104



Clutch lever P.145

Front suspension spring preload adjuster P.150

Front suspension rebound damping/ compression damping adjuster P.151 P.152

Fuel fill cap P.103

Seat P.134

Rear suspension spring preload adjuster P.153

Rear suspension rebound damping adjuster P.154

Drive chain P.144

Main fuse/ABS fuse P.178

Shift pedal P.102

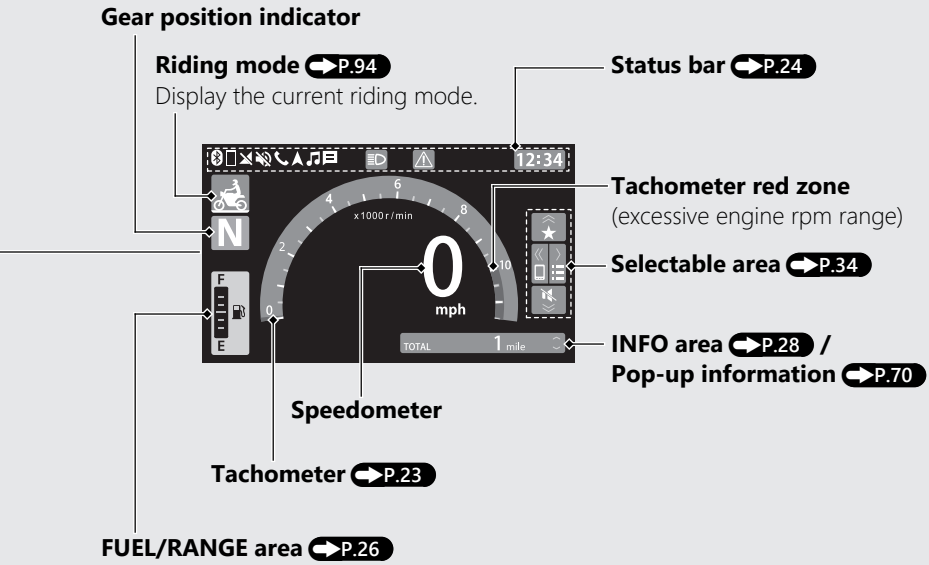
Side stand P.143

Instruments



Do not operate the display functions for a long time with the engine stopped. It may result in a low (or dead) battery.

Display type: CIRCLE



Instruments *(Continued)*

The meter has three display types.

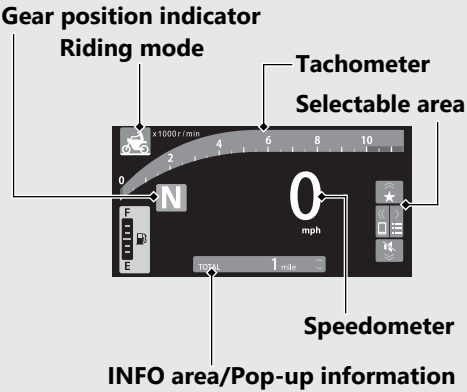
The display and arrangement change depending on each display type.

Initial setting is CIRCLE

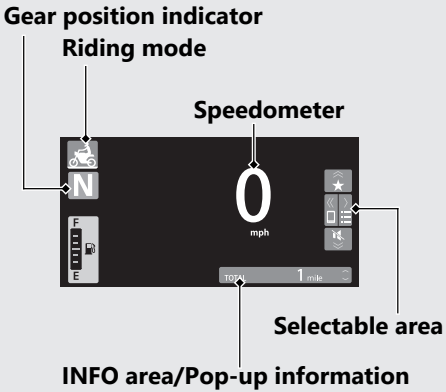
▶ Tachometer is available when display type is BAR or CIRCLE.

To change the display type: P.49

Display type: BAR



Display type: SIMPLE



Tachometer

Tachometer is available when display type is BAR or CIRCLE.

The tachometer flashes when the engine speed reaches the SHIFT POINT set in the setting mode.

This feature can be turned on/off.

SHIFT POINT setting: P.47

DISPLAY TYPE setting: P.49

NOTICE

Do not operate the engine in the tachometer red zone. Excessive engine speed can adversely affect engine life.

Instruments *(Continued)*

Status bar



Status icons
Displays the Honda RoadSync status. P.89

Warning indicator
Comes on when your vehicle has warning information.
It is also displayed as pop-up information in the INFO area.
P.70

High beam indicator

Clock (12-hour or 24-hour display)
To set the clock: P.56

Gear position indicator



Gear position indicator

The gear position is shown in the gear position indicator.

► "-" appears when the transmission is not shifted properly.

Instruments *(Continued)*

FUEL/RANGE area

This area has two modes.

You can choose whether to display the FUEL (fuel gauge) or RANGE (available driving distance).

To change the FUEL mode: P.38

FUEL



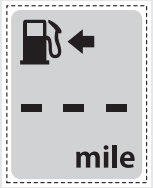
When remaining fuel is below approximately 0.79 US gal (3.0 L), FUEL is automatically switched to RANGE. P.27

If the fuel gauge indicator flashes in a repeat pattern or turns off: P.166

NOTICE

You should refuel when the reading approaches the 1st (E) segment. Running out of fuel can cause the engine to misfire, damaging the catalytic converter.

RANGE



Displays the estimated distance you can travel on the remaining fuel. The indicated available driving distance is calculated based on driving conditions, and the indicated figure may not always be the actual allowable distance.

Display range: 999 to 3 miles (999 to 5 km)

- Initial display: "---" is displayed.
- Above 999 miles (km) : "999" is displayed.
- When the available driving distance is below 3 miles (5 km) or remaining fuel is below 0.26 US gal (1.0 L), "---" is displayed.

When "---" is displayed except for the above-mentioned cases, go to your dealer for service.

Instruments *(Continued)*

INFO area

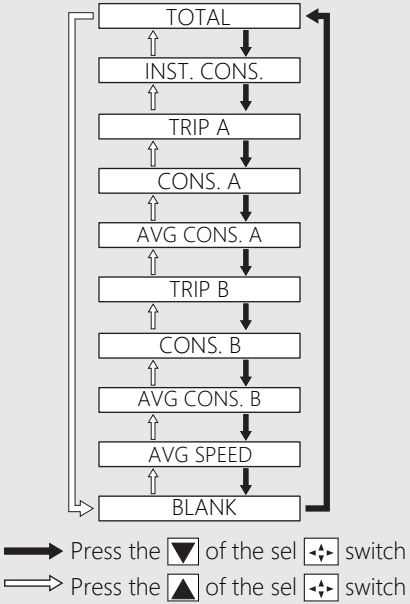
The INFO area displays various vehicle information.

The following items are displayed by default.

- Odometer [TOTAL]
- Current fuel mileage [INST. CONS.]
- Tripmeter A [TRIP A]
- Tripmeter B [TRIP B]

The information item displayed in the INFO area can be changed arbitrarily.
Up to 10 items are available. (Including Blank)
If no item is selected or only Blank is selected, the INFO area has no items.

To change the information: P.41 P.52



The types of information item that can be displayed in the INFO area are as follows:

- Odometer [TOTAL]
- Current fuel mileage [INST. CONS.]
- Tripmeter A [TRIP A]
- Tripmeter A fuel consumption [CONS. A]
- Tripmeter A average fuel mileage [AVG CONS. A]
- Tripmeter B [TRIP B]
- Tripmeter B fuel consumption [CONS.B]
- Tripmeter B average fuel mileage [AVG CONS. B]
- Average speed [AVG SPD]
- BLANK display

Odometer [TOTAL]

Total distance ridden.



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

Instruments *(Continued)*

Current fuel mileage [INST. CONS.]

Displays the current instant fuel mileage.

Display range: 0 to 100 mile/gal
(0 to 8 L/100 km
or 0 to 40 km/L)

- When your speed is less than 3 mph (5 km/h): zero segment is displayed.



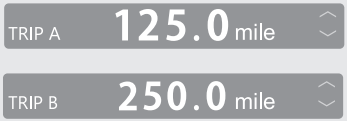
Zero segment



When it is not displayed properly except for the above-mentioned case, go to your dealer for service.

Tripmeter [TRIP A/B]

Distance ridden since tripmeter was reset.

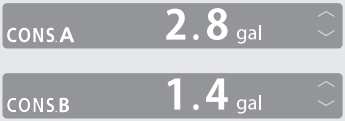


When "----.-" is displayed, go to your dealer for service.

To reset the tripmeter: P.39

Fuel consumption [CONS. A/B]

Displays the fuel consumption since the selected tripmeter was reset.
The fuel consumption will be calculated based on value of the tripmeter A or B.
Display range: 0.0 to 299.9 gal (L)



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

To reset the fuel consumption: P.39

Instruments *(Continued)*

Average fuel mileage [AVG CONS. A/B]

Displays the average fuel mileage since the selected tripmeter was reset.
The average fuel mileage will be calculated based on value of the tripmeter A or B.





Display range: 0.0 to 299.9 mile/gal (L/100 km or km/L)

- More than 299.9 miles/gal (km/L): "299.9" is displayed.
- Above 299.9 L/100km : "---.-" is displayed.
- Less than 0.1 L/100km : "0.0" is displayed.
- When the tripmeter A or B is reset: "---.-" is displayed.

When "---.-" is displayed except for the above-mentioned cases, go to your dealer for service.

To reset the average fuel mileage:
P.39

Average speed [AVG SPEED]

Displays the average speed since the engine starts.

Display range: 0 to 186 mph (0 to 299 km/h)

- Initial display: "---" is displayed.
- When your vehicle has traveled less than 0.12 miles (0.2 km) since the engine was started: "---" is displayed.
- When your vehicle operating time is less than about 15 seconds since the engine was started: "---" is displayed.



When "---" is displayed except for the above-mentioned cases, go to your dealer for service.

BLANK display

No display is shown.

Instruments *(Continued)*

Selectable area

You can select the following:

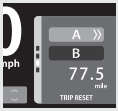
- FAVORITE SWITCH P.35
- General menu P.36
- Honda RoadSync operation P.89
- Honda RoadSync mute

Honda RoadSync transition and Honda RoadSync mute can be selected only when your smartphone is connected to the vehicle.

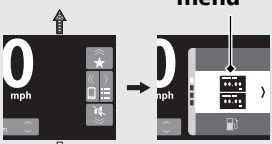
To connect the device P.89

Selectable area

FAVORITE SWITCH



General menu



Honda RoadSync
Move to Honda RoadSync operation display.

Honda RoadSync mute
Mute audio and sound.

Press and hold the ▲ of the sel switch

Press the ▶ of the sel switch

Press and hold the ◀ of the sel switch

Press and hold the ▼ of the sel switch

FAVORITE SWITCH

FAVORITE SWITCH is same as TRIP RESET mode. P.39

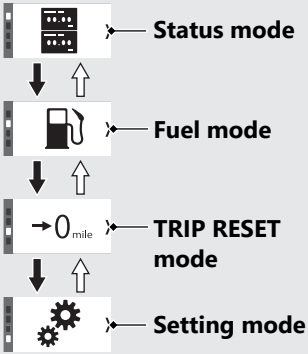
Instruments *(Continued)*

General menu

You can select the following:

- Status mode
- Fuel mode
- Trip reset mode
- Setting mode

Pressing the ▶ of the sel switch opens the general menu.
Pressing the ▲ or ▼ of the sel switch can select between the status mode, fuel mode, tripmeter reset, and setting mode, and pressing the ▶ of the sel switch opens each display.



⇨ Press the ▲ of the sel switch
➡ Press the ▼ of the sel switch

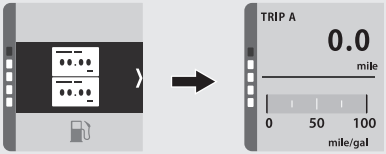
Pressing the ◀ of the sel switch closes the general menu.
Pressing no switch for about 10 seconds also closes the general menu except when the status mode is selected.

Status mode

The Status mode displays various vehicle information.

The Status mode has four pages and displays two pieces of information on each page. The fifth page displays the selected riding mode.

Press ▶ on the sel switch while select the status mode, display moves to vehicle information page.

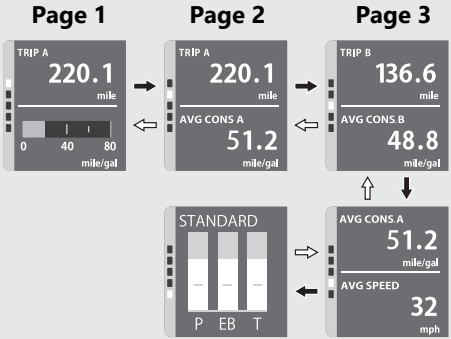


The information items on the four pages displayed in status mode can be changed as desired.

To change the information: P.41 P.52

To switch the information page

To change the information page, press ▼ or ▲ on the sel switch.



⟹ Press the ▲ of the sel switch

➡ Press the ▼ of the sel switch

To change the information: P.41 P.52

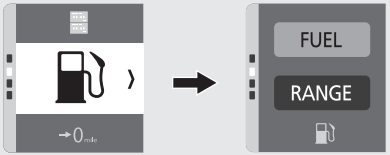
Instruments *(Continued)*

Fuel mode

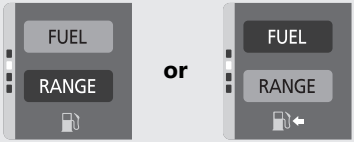
You can select whether to display FUEL or RANGE in the FUEL/RANGE area. P.26

▶ When remaining fuel is below 0.79 US gal (3.0 L), the FUEL automatically switches to the RANGE.

1. Select the fuel mode and press the ▶ of the sel switch. P.36



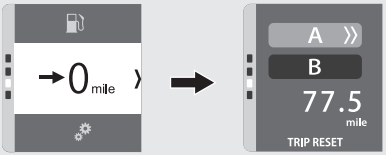
2. Select the FUEL or RANGE by pressing the ▼ or ▲ of the sel switch.



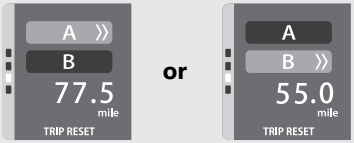
TRIP RESET mode

You can reset the tripmeter A or tripmeter B.

1. Select the TRIP RESET mode and press the ▶ of the sel switch. P.36

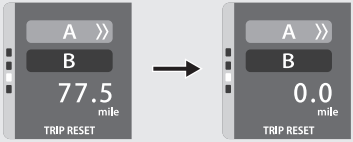


2. Select the tripmeter A or B using the ▲ or ▼ of the sel switch.



3. Press and hold the ▶ of the sel switch.

▶ When the tripmeter A/B is reset, fuel consumption [CONS. A/B] and average fuel mileage [AVG CONS. A/B] based on each tripmeter are reset at the same time.



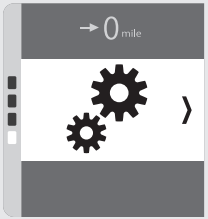
Also, the tripmeter A, tripmeter A fuel consumption and tripmeter A average fuel mileage are automatically reset when the fuel gauge segment increases by 2 or more after refueling and riding your vehicle for 0.06 mile (0.1 km). You can activate or deactivate the automatic reset mode. P.41 P.48

Instruments *(Continued)*

Setting mode

Press the ▶ of the sel switch to shift to setting mode.

▶ To shift to setting mode, stop the vehicle.



Setting mode: P.41

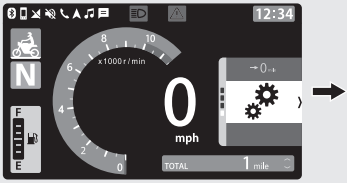
Setting mode

To shift to the setting mode

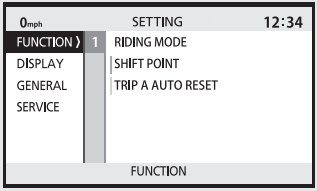
Press the ▶ of the sel switch when the selectable area displays setting mode. P.36

▶ The clock, indicators, and speedometer are displayed at the top of the screen while the setting mode is displayed.

Ordinary display



Setting mode

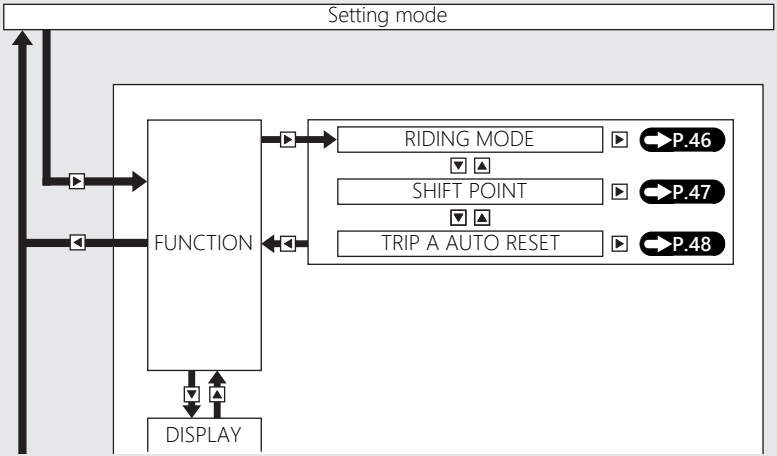


To return to the ordinary display

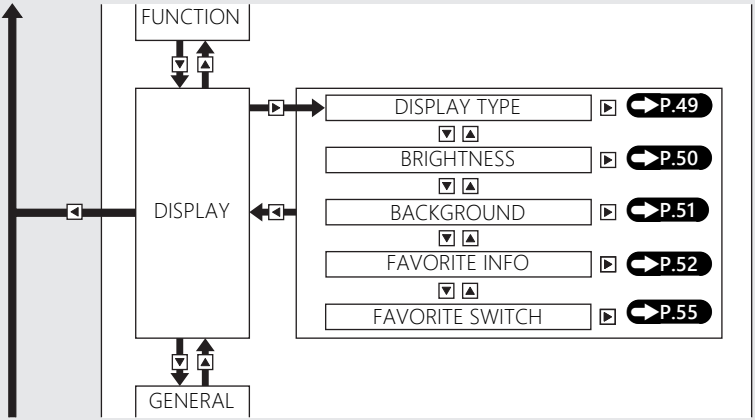
- Press the ◀ of the sel switch while selecting FUNCTION, DISPLAY, GENERAL, or SERVICE.
- Turn the ignition switch to the OFF position and to the ON position again.

Instruments *(Continued)*

Setting flow

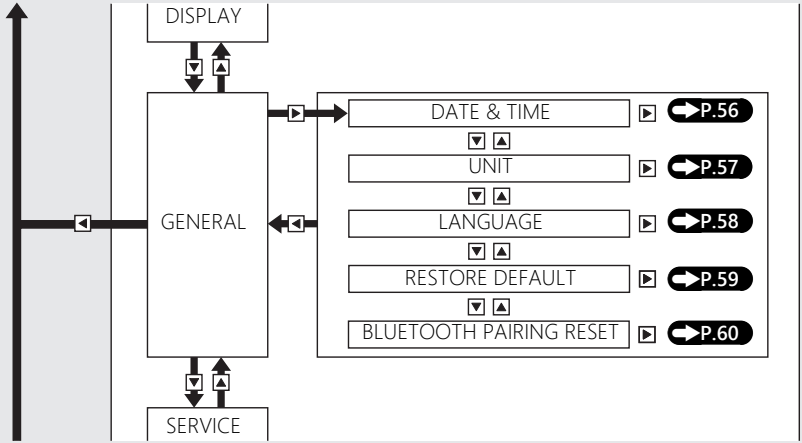


Push/Press

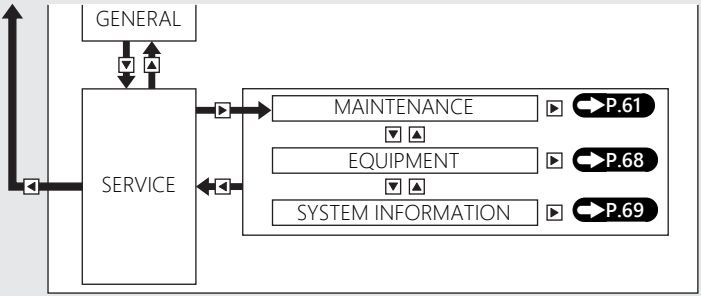

FUNCTION
DISPLAY
GENERAL
DISPLAY TYPE
P.49
BRIGHTNESS
P.50
BACKGROUND
P.51
FAVORITE INFO
P.52
FAVORITE SWITCH
P.55

Push/Press

Instruments *(Continued)*



Push/Press


GENERAL
SERVICE
MAINTENANCE
P.61
EQUIPMENT
P.68
SYSTEM INFORMATION
P.69

Push/Press

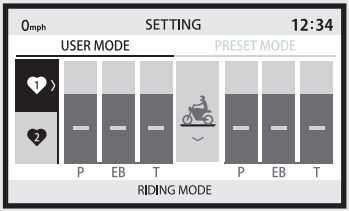
Instruments *(Continued)*

FUNCTION

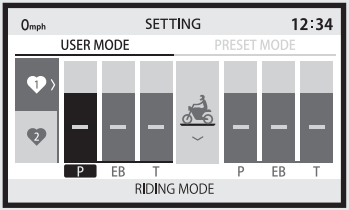
RIDING MODE P.94

You can change the setting values of [USER 1] and [USER 2].

1. Select the riding mode [USER 1] or [USER 2] using the ▲ or ▼ of the sel switch.



2. Select the parameters (“P”, “EB”, or “T”) or PRESET MODE using the ◀ or ▶ of the sel switch.
   - ▶ PRESET MODE allows you to check the settings of other riding modes. You can switch the displayed riding modes using the ▲ or ▼ of the sel switch.

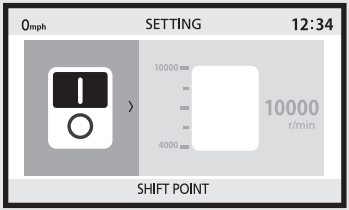


3. Select the desired setting value using the ▲ or ▼ of the sel switch.
4. Press the ◀ of the sel switch to confirm the setting.

SHIFT POINT

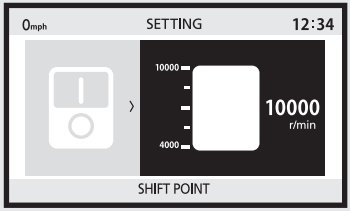
You can switch the shift up mode to ▌(active) or ○ (inactive). P.23

1. Select ▌(active) or ○ (inactive) using the ▲ or ▼ of the sel switch.



2. If you select ▌(active), you can switch to the shift point value setting by pressing the ▶ of the sel switch.
3. Select the desired setting value using the ▲ or ▼ of the sel switch.

Setting range:
4,000 to 10,000 r/min



4. Press the ◀ of the sel switch to confirm the setting.

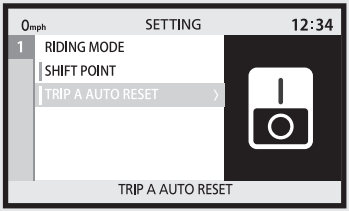
Instruments *(Continued)*

TRIP A AUTO RESET

You can switch the tripmeter A automatic reset mode to ▌ (active) or ○ (inactive).

P.39

① Select the ▌ (active) or ○ (inactive) using the ▲ or ▼ of the sel switch.
② Press the ◀ of the sel switch to confirm the setting.

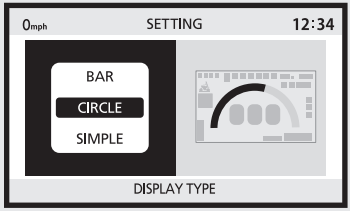


DISPLAY

DISPLAY TYPE

You can change the display type. P.22

1. Select the display type (“BAR”, “CIRCLE”, or “SIMPLE”) using the ▲ or ▼ of the sel switch.
2. Press the ◀ of the sel switch to confirm the setting.



Instruments *(Continued)*

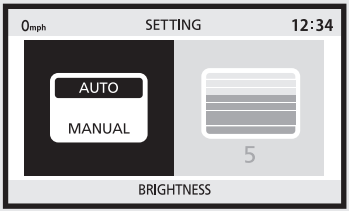
BRIGHTNESS

You can adjust the backlight brightness to one of the eight levels or select the auto adjustment.

Automatic Brightness Control: P.186

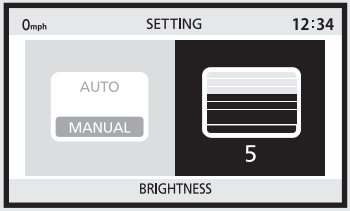
The display may become dark when the display is very hot. If it does not return to its original brightness, contact your dealer.

① Select "AUTO" or "MANUAL" using the ▲ or ▼ of the sel switch.



② If you select "MANUAL," you can switch to the backlight brightness setting by pressing the ▶ of the sel switch.

③ Select the backlight brightness using the ▲ or ▼ of the sel switch.



④ Press the ◀ of the sel switch to confirm the setting.

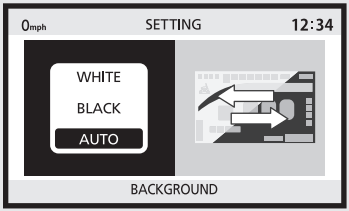
BACKGROUND

You can change the setting of the background color to "WHITE," "BLACK," or "AUTO" adjustment.

Automatic Brightness Control: P.186

1. Select the background color using the ▲ or ▼ of the sel switch.

2. Press the ◀ of the sel switch to confirm the setting.



Instruments *(Continued)*

FAVORITE INFO

You can change the information items displayed in the INFO area and status mode.

1 line information

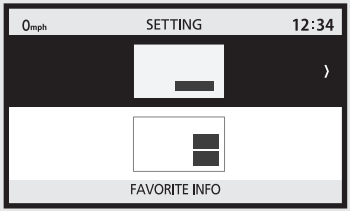
You can change the information items displayed in the INFO area. P.28

1 line information setting: P.53

2 line information

You can change the information items displayed in the information page of status mode. P.37

2 line information setting: P.54

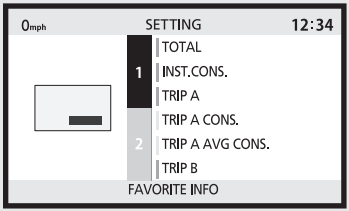


Select the 1 line or 2 line information using ▲ or ▼ on the sel switch.

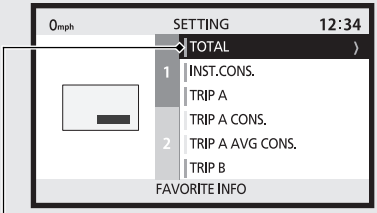
Press ▶ on the sel switch, display moves to the 1 line or 2 line information setting.

1 line information setting

1. Select the item using the ▲ or ▼ of the sel switch.



2. Pressing the ▶ of the sel switch to select the information items.

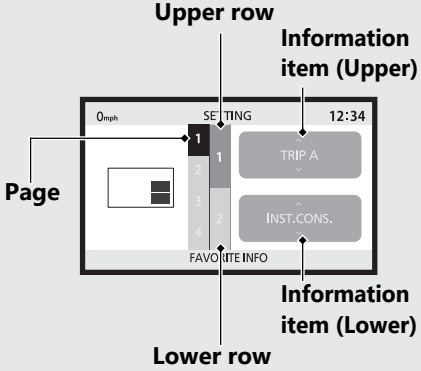


Cursor

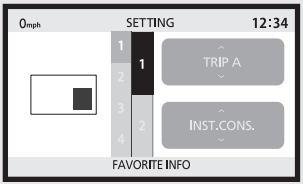
3. Select the desired information setting using the ▲ or ▼ of the sel switch.
4. Press ▶ on the sel switch, set the information item.
   - ▶ Items that have already been set are displayed with a green cursor.
   - ▶ Up to 10 items are available. (Including BLANK)
5. Press the ◀ of the sel switch to confirm the setting.

Instruments *(Continued)*

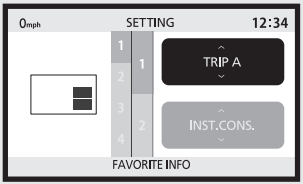
2 line information setting



1. Select the page using the ▲ or ▼ of the sel switch.
2. Press ▶ on the sel switch to select the upper or lower row.
3. Select the upper or lower row using ▲ or ▼ on the sel switch.



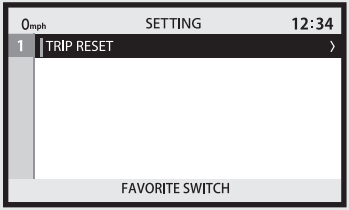
4. Press ▶ on the sel switch to select the information items.
5. Select the desired information item using the ▲ or ▼ of the sel switch.



6. Press the ◀ of the sel switch to confirm the setting.

FAVORITE SWITCH

"FAVORITE SWITCH" is displayed but not selectable.



Instruments *(Continued)*

GENERAL

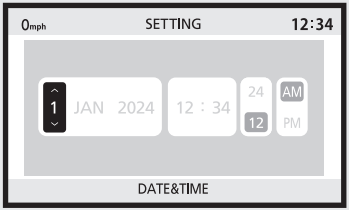
DATE & TIME

① Select the day, month, year, hour, minute, "24 / 12", and "AM / PM" using the ◀ or ▶ of the sel switch.

② Select the desired setting using the ▲ or ▼ of the sel switch.

▶ "AM / PM" is available when you select 12-hour indication.

③ Press the ◀ of the sel switch to confirm the setting.

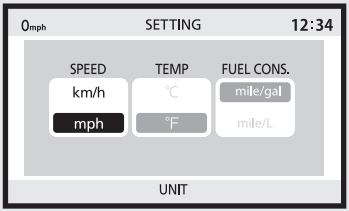


UNIT

You can change the speed unit, air temperature unit, and fuel mileage meter unit.

- If "mph" is selected for "SPEED", "FUEL CONS." is displayed but not selectable.
- The mileage unit is automatically changed depending on the speed unit.

1. Select the "SPEED" or "TEMP."or "FUEL CONS." using the ◀ or ▶ of the sel switch.
2. Select the desired setting using the ▲ or ▼ of the sel switch.
3. Press the ◀ of the sel switch to finish the setting.

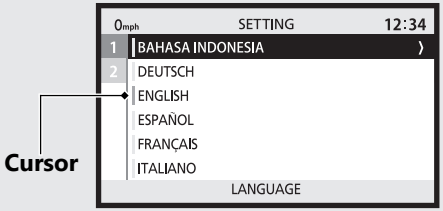


Instruments *(Continued)*

LANGUAGE

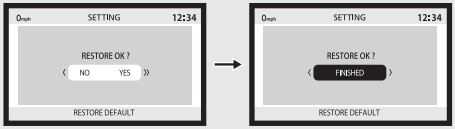
You can change the system language.

① Select the language using the ▲ or ▼ of the sel switch.
② Press the ▶ of the sel switch to change the language.
▶ When the language is changed, the cursor changes to green
③ Press the ◀ of the sel switch to confirm the setting.



RESTORE DEFAULT

Pressing and holding the ▶ of the ◀▲▶ sel switch can return the set values to default settings.



The following items are restored to their default values:

- RIDING MODE
- SHIFT POINT
- TRIP A AUTO RESET
- DISPLAY TYPE
- BRIGHTNESS
- BACKGROUND
- FAVORITE INFO
- FAVORITE SWITCH
- UNIT
- LANGUAGE

Instruments *(Continued)*

BLUETOOTH PAIRING RESET

You can reset the pairing record of *Bluetooth*®.

Reset the *Bluetooth*® pairing record after stopping at a safe place.

To connect the device P.92

Make sure the smartphone that you want to delete connection to is connected to your vehicle.

To check if the smartphone is connected: P.24

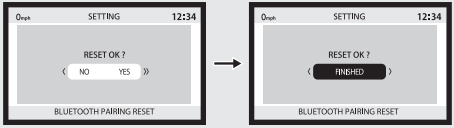
1. Select "NO" (do not reset) or "YES" (reset) using ◀ or ▶ on the sel switch.
2. When "NO" is selected

   Press the ◀ of the sel switch. The pairing record is maintained, and then the display returns to the upper level hierarchy.

When "YES" is selected

Press and hold the ▶ of the sel switch. Your smartphone connection is deleted and the pairing record is reset.

▶ When reset is complete, "FINISHED" will be displayed.



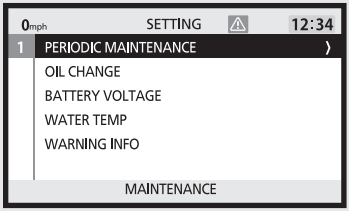
▶ If the pairing information remains in your smartphone even if the pairing information is deleted from the vehicle, the smartphone may be connected to the vehicle again.

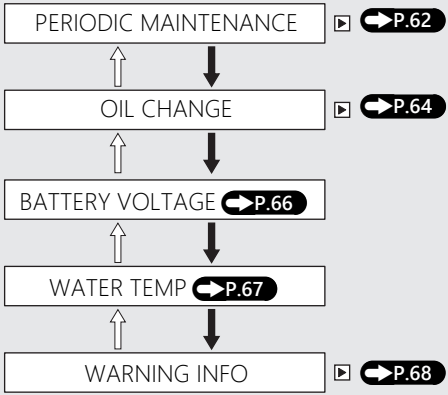
SERVICE

MAINTENANCE

You can select the following:

- PERIODIC MAINTENANCE P.62
- OIL CHANGE P.64
- BATTERY VOLTAGE P.66
- WATER TEMP P.67
- WARNING INFO P.68



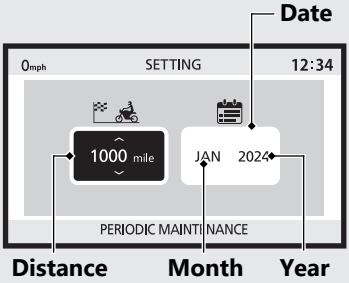


Instruments *(Continued)*

PERIODIC MAINTENANCE

You can check the next periodic inspection time.

You can program a reminder for the next periodic inspection time.



Display range:

Distance:

------, -99,999 to 8,000 miles (-99,999 to 12,875 km)

▶ Pass 0 mile (0 km): "-" mark is displayed.

▶ Changing the SPEED unit from "mile" to "km" will also display ranges over 12,800 km, depending on the distance.

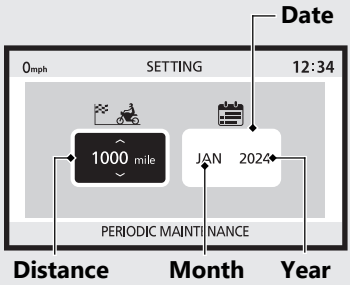
DATE:

Month: ---, JAN to DEC

Year: ----, 2020 to 2099

Next inspection setting

1. Select the distance, month or year using ▶ or ◀ on the sel switch.

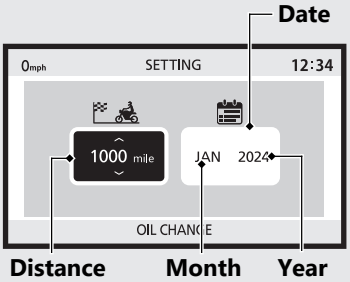


2. Select the desired setting using ▲ or ▼ on the sel switch.
   - ▶ If you press and hold ▲ on the sel switch while setting the distance, it will move every 1000.
   - ▶ Available setting range of the distance: ------, 100 to 8,000 mile (100 to 12,800 km)
     Initial setting:------
   - ▶ Available setting range of the date:
     Month:---, JAN to DEC
     Initial setting:---
     Year: ----, 2020 to 2099
     Initial setting:----
   - ▶ Maintenance information (P.70) will not be displayed if the distance and date are set to the initial settings.
3. Press the ◀ of the sel switch to confirm the setting.

Instruments *(Continued)*

OIL CHANGE

You can check the next engine oil change. You can program a reminder for the next engine oil change.



Display range:

DISTANCE:

------, -99,999 to 8,000 miles (-99,999 to 12,875 km)

▶ Pass 0 mile (0 km): "-" mark is displayed.

▶ Changing the SPEED unit from "mile" to "km" will also display ranges over 12,800 km, depending on the distance.

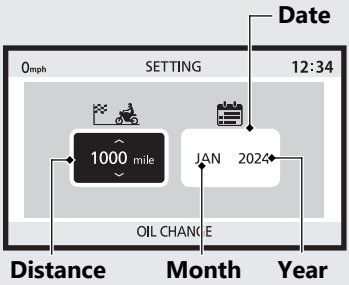
DATE:

Month: ---, JAN to DEC

Year: ----, 2020 to 2099

Next oil change setting

1. Select the distance, month or year using ▶ or ◀ on the sel switch.



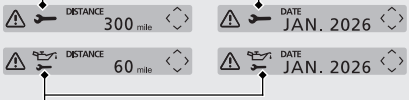
2. Select the desired setting using ▲ or ▼ on the sel switch.
   - ▶ If you press and hold ▲ on the sel switch while setting the distance, it will move every 1000.
   - ▶ Available setting range of the distance: ------, 100 to 8,000 mile (100 to 12,800 km)
     Initial setting:------
   - ▶ Available setting range of the date:
     Month:---, JAN to DEC
     Initial setting:---
     Year: ----, 2020 to 2099
     Initial setting:----
   - ▶ Maintenance information (P.70) will not be displayed if the distance and date are set to the initial settings.
3. Press the ◀ of the sel switch to confirm the setting.

Instruments *(Continued)*

When reaching any of the following, the pop-up information is appears in the ordinary display. P.70

- 300 miles (500 km) from the next periodic inspection.
- 60 miles (100 km) from the next engine oil change.
- One month before the set month.

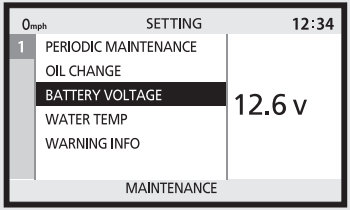
Periodic inspection



Oil change information

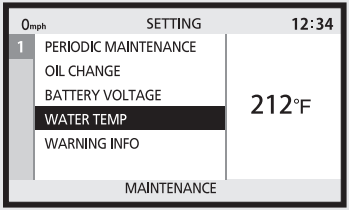
BATTERY VOLTAGE

Displays the current voltage.



WATER TEMP

Displays the current coolant temperature.



Display range: 94°F (35°C) to 269°F (132°C)

- 93°F (34°C) or less: "---" is displayed.
- Between 251°F (122°C) and 268°F (131°C):
  - High coolant temperature indicator and warning indicator come on. The high coolant temperature indicator is displayed in the warning information. P.68 P.71
  - Coolant temperature digits flash.
- Above 269°F (132°C):
  - High coolant temperature indicator and warning indicator come on. The high coolant temperature indicator is displayed in the warning information. P.68 P.71
  - "269°F (132°C)" flashes.
- Even if the engine coolant temperature is low, the cooling fan may start running when you rev up the engine. This is normal.

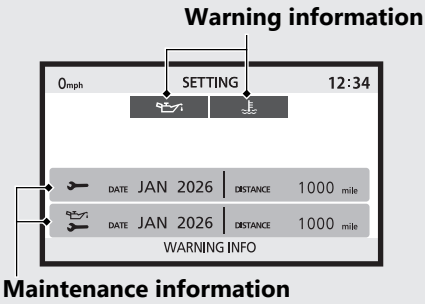
If the coolant temperature "---" flashes. P.167

Instruments *(Continued)*

WARNING INFO

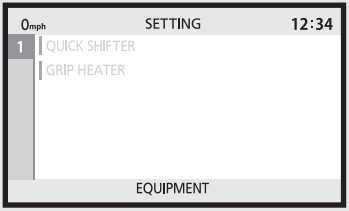
Displays a current maintenance information and (or) warning information.

If your vehicle has warning information, have your vehicle inspected by your dealer as soon as possible.



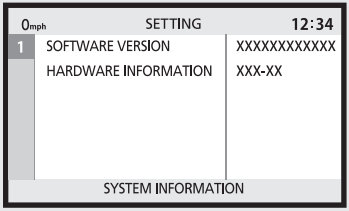
EQUIPMENT

"EQUIPMENT" is displayed but not selectable.



SYSTEM INFORMATION

Displays the system information.



Instruments *(Continued)*

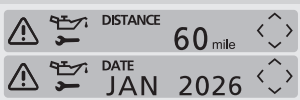
Pop-up information

In the following cases, pop-up information appears in the INFO area.

- Maintenance information:
  When the inspection timing of your vehicle is approaching.
- Warning indicator:
  When a malfunction is detected.
- Riding mode:
  When the riding mode changes.

When your vehicle has multiple pieces of information, pop-up information appears alternately. Pushing any of the [sel] sel switch can hide the pop-up information.

Maintenance Information

Indication	Explanation	Remedy
	When the periodic inspection timing of your vehicle is approaching.	Have your vehicle inspected by your dealer.
	When the oil change timing of your vehicle is approaching.	Change the engine oil.

Warning Information

Indication	Explanation	Remedy
	Low oil pressure indicator	Refer to "Low Oil Pressure Indicator" P.161
	High coolant temperature indicator	Refer to "Overheating" P.160

Riding mode

Indication	Explanation	Remedy
STANDARD	It indicates current riding mode when you change riding mode.	**Riding mode:** P.94

Indicators

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

Refer to the "Instruments" about indicators appeared on the display: P.24 P.71

Left turn signal indicator

Right turn signal indicator



ABS (Anti-lock Brake System) indicator

- Comes on when the ignition switch is turned to the ON position.
- Goes off when your speed reaches approximately 6 mph (10 km/h).

If it comes on while riding: P.163

Honda SMART Key Indicator

- Comes on when vehicle and Honda SMART Key verification is complete, and the ignition switch can be operated.
- Goes off when the ignition switch is turned to the ON position.

When the Honda SMART Key indicator flashes: P.165

Torque Control indicator

- Comes on when the ignition switch is turned to the ON position. Goes off when your speed reaches approximately 3 mph (5 km/h) to indicate Torque Control is ready to work.
- Blinks when Torque Control is operating.

If it comes on while riding: P.164



PGM-FI (Programmed Fuel Injection) malfunction indicator lamp (MIL)

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

If it comes on or flashes while engine is running: P.162

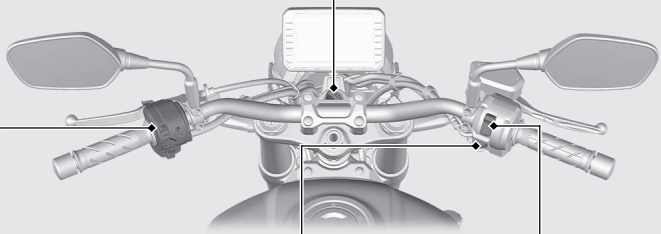
Neutral indicator

Comes on when the transmission is in Neutral.

Torque Control OFF Indicator

Comes on when the Torque Control is turned off.

Switches



Engine stop switch/ Start button

Should normally remain in the (Run) position.

▶ In an emergency, switch to the (Stop) position to stop the engine.

Left handlebar switch P.76

Hazard switch

: Hazard is on.

: Hazard is off.

⏻ Ignition Switch

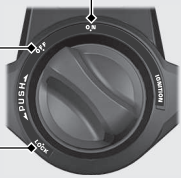
Switches the electrical system on/off, locks the steering.

► To unlock the ignition switch. P.84

ON
Turns electrical system on for starting/riding.

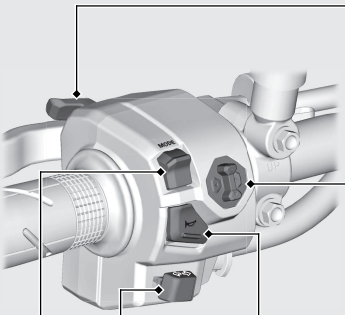
OFF
Turns engine off.

LOCK
Locks steering.



Switches *(Continued)*

Left handlebar switch



Headlight dimmer/Passing light control switch

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

Sel switch

Used to operate and set the display and the Honda RoadSync. P.89

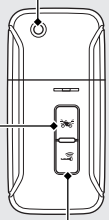
Horn button

Turn signal switch

▶ Pressing the switch turns the turn signals off.

MODE switch

Used to change the riding mode. P.94



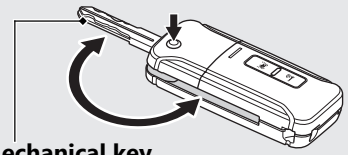
Release button
This button is used to release the mechanical key.
The mechanical key is used when refueling or removing the seat.
Avoid contact with the key whenever it extends or retracts.

To release the mechanical key
Press the release button to release the mechanical key.
▶ Make sure to fully extend the mechanical key.

To retract the mechanical key
Push the key into the key case while pressing the release button.

Answer back button
Press the answer back button to activate the answer back. P.87

ON/OFF button
This button is used to activate or deactivate the Honda SMART Key system and also to confirm the activation status. P.80



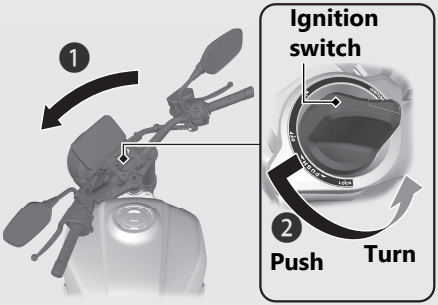
Mechanical key

Switches *(Continued)*

Steering Lock

Lock the steering when parking to help prevent theft.

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



Locking

1. Turn the handlebar all the way to the left.
2. Push the key down, and turn the ignition switch to the LOCK position.
   - ► Jiggle the handlebar if the lock is difficult to engage.
   - ► To unlock the ignition switch ➡P.84
3. Lock the ignition switch. ➡P.85

Unlocking

Push the ignition switch in, and turn it to the OFF position.

► To unlock the ignition switch ➡P.84

Honda SMART Key System

The Honda SMART Key system allows you to operate the ignition switch without inserting a key into a keyhole.
The system runs a two-way authentication between the vehicle and the Honda SMART Key to verify if it is the registered Honda SMART Key.

The Honda SMART Key system uses low-intensity radio waves. It may affect medical equipment such as a cardiac pacemaker.

Honda SMART Key System *(Continued)*

Switching the Honda SMART Key System

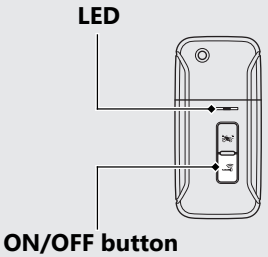
To switch the Honda SMART Key system to activation or deactivation

Press the ON/OFF button until the Honda SMART Key LED changes color.

To check the Honda SMART Key system status

Lightly press the ON/OFF button. The Honda SMART Key LED will show the status. When the Honda SMART Key LED is:

Green: (active)	Honda SMART Key system authentication can be performed.
Red: (inactive)	Honda SMART Key system authentication cannot be performed.



Operating Range

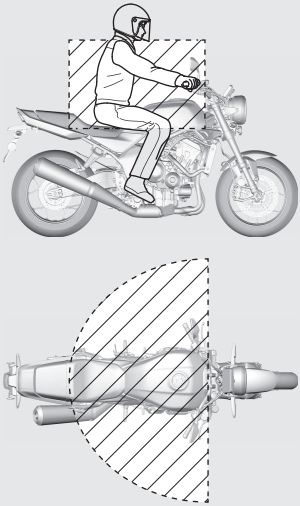
The operating range varies when the ignition switch is locked or unlocked.

The Honda SMART Key system uses low-intensity radio waves. Therefore, the operating range may be wider or narrower, or the Honda SMART Key system may not work properly in the following situations:

- When the Honda SMART Key battery is depleted.
- When there are facilities nearby that generate strong radio waves or noise, such as TV towers, power stations, radio stations, or airports.
- When you carry the Honda SMART Key with a laptop or wireless communication device such as a radio or mobile phone.
- When the Honda SMART Key comes into contact with or is covered by metal objects.

When the ignition switch is unlocked:

The system can be operated within the shaded area shown in the illustration.

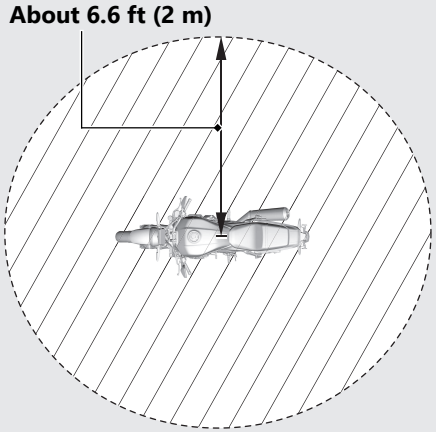


Continued

Honda SMART Key System *(Continued)*

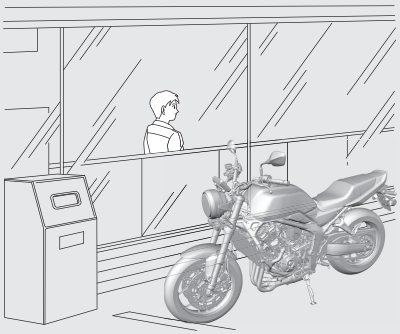
When the ignition switch is locked:

The system can be operated within the shaded area shown in the illustration.



Anyone can unlock the ignition switch and start the engine if your Honda SMART Key is within operating range of your vehicle, even if you are on the other side of a wall or window. If you are away from your vehicle but your Honda SMART Key is still within operating range, deactivate the Honda SMART Key system.

To switching the Honda SMART Key system P.80



Anyone in possession of the Honda SMART Key can perform the following operations if the Honda SMART Key is within operating range:

- Starting the engine.
- Unlocking the ignition switch.
- Unlocking the steering lock.

You should always keep the Honda SMART Key on your person after you get on and off the vehicle or while riding.

Do not store the Honda SMART Key under the seat.

If the ignition switch is in the ON position, the vehicle can be operated even by a person who does not have a verified Honda SMART Key.

Whenever you leave your vehicle, lock the steering and lock the ignition switch.
P.85

Make sure the Honda SMART Key indicator goes off and all turn signals flash once at this time.

Honda SMART Key System *(Continued)*

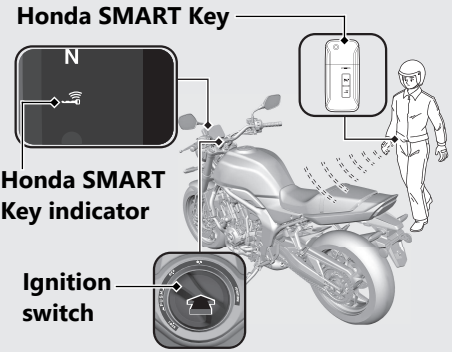
Switching the ignition switch

To Unlock the Ignition Switch

1. Make sure that the Honda SMART Key system is activated. P.80
2. To authenticate the Honda SMART Key system, push the ignition switch.
   - ► When properly authenticated and the ignition switch is unlocked, the Honda SMART Key indicator comes on.
3. Turn the ignition switch to the ON position while the Honda SMART Key indicator comes on.
   - ► If you do not turn the ignition switch to the ON position within 20 seconds after pushing in the ignition switch, the Honda SMART Key indicator will go off, the turn signals flash 1 time, and then the ignition switch will be locked.

When the Honda SMART Key system does not work properly P.168

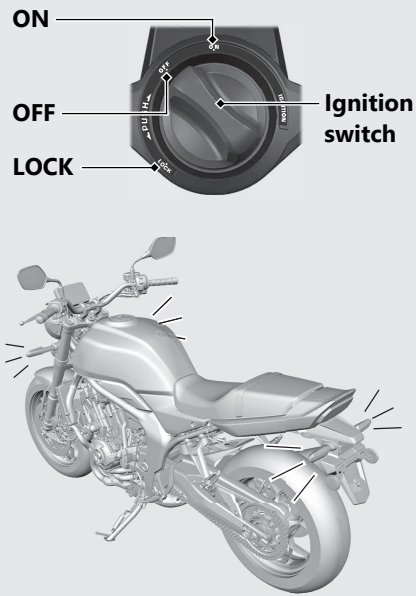
If someone without the Honda SMART Key tries to turn the ignition switch, the ignition switch rotates freely. If you notice the ignition switch is in a different position, turn the ignition switch to the original (OFF or LOCK) position.



To Lock the Ignition Switch

1. Turn the ignition switch to the OFF or LOCK position.
2. Lock the ignition switch by doing one of the following:
   - Leave the operating range with the Honda SMART Key. P.81
   - Push the ignition switch.
   - Wait for approximately 20 seconds after turning the ignition switch from ON to OFF or LOCK position.
   - Switch the Honda SMART Key system to inactive. P.80
3. Make sure that the Honda SMART Key indicator goes off, and the turn signals flash once. This indicates that the ignition switch is locked.

When the Honda SMART Key system does not work properly P.168



Honda SMART Key System *(Continued)*

Always make sure the ignition switch position is in the OFF or LOCK position when you leave your vehicle.

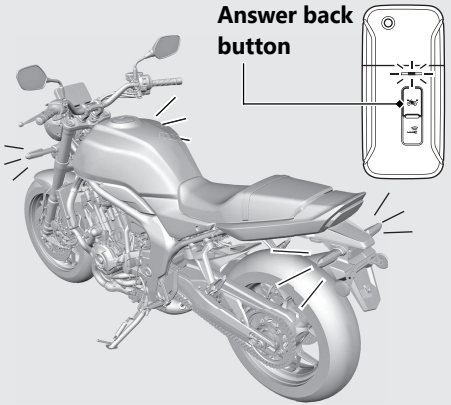
When the ignition switch is locked in the OFF position, the steering cannot be locked. To lock the steering, unlock the ignition switch.

Answer Back System

The answer back system is a device to find the location of your vehicle and to inform you that the immobilizer function of the Honda SMART Key system is activated.

When you press the answer back button on the Honda SMART Key with the ignition switch is in the OFF or LOCK position, the turn signals light and the Honda SMART Key LED lights informing you of your vehicle's location and activation of the immobilizer function.

The answer back system uses low-intensity radio waves. It may affect medical equipment such as a cardiac pacemaker.



Answer Back System *(Continued)*

Operation

Press the answer back button on the Honda SMART Key.

► The answer back system will not function when the ignition switch is ON position.

If the ignition switch is left the OFF or LOCK position for more than 10 days, the answer back system will no longer operate.
When the system is active and the vehicle receives a signal from pressing the answer back button, system activation will be extended for 10 days.

To reset the system, turn the ignition switch to the ON position once.

► To unlock the ignition switch P.84

When the battery in the vehicle is weak, the answer back system may not function.

Honda RoadSync

Connecting your smartphone with the vehicle and a *Bluetooth*® headset via *Bluetooth*® allows you to operate the smartphone by voice input from the headset. You can also use the system by operating switches on the handlebar.

► To use the system, you need to install the dedicated application on your smartphone beforehand and pair your smartphone with the vehicle and the headset.

For terms of service and information on how to install/operate the dedicated application, see the following URL:
https://global.honda/voice-control-system/



► The dedicated application is not available in some regions/countries.
For available countries, see the above URL.

Honda RoadSync *(Continued)*

Communication range:
Within a 3.3-feet (1-meter) radius of the vehicle.

Supported *Bluetooth*® version/profiles

Bluetooth® version	Bluetooth 4.2 or higher
Bluetooth® profiles	GATT (Generic Attribute Profile)
	HOGP (HID over GATT Profile)

***Bluetooth*® Wireless Technology**
The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Honda Motors Co., Ltd., is under license. Other trademarks and trade names are those of their respective owners.

- Costs of network communication and communication equipment necessary for the use of this feature shall be borne by the user.
- You cannot pair two or more smartphones at once.
- Some smartphones may not be compatible with the feature.
- We shall not be liable for any damages or trouble in the use of smartphones.
- When unable to connect your smartphone to the vehicle, change the storage location of the smartphone.

The system itself has certain limitations. Therefore, you must verify the voice guidance and information in the meter provided by the system by carefully observing the roadway, signs, and signals, etc. If you are unsure, proceed with caution. Always use your own good judgment, and obey traffic laws while riding.

⚠WARNING

Using Honda RoadSync while riding can take your attention away from the road, causing a crash in which you could be seriously injured or killed.

- Be especially cautions when crossing intersections, in heavy traffic, etc.
- Carefully observe the roadway, signs, and signals.
- Obey traffic laws while riding.

Honda RoadSync Limitations

Changes in operating systems, hardware, software, and other technology integral to providing Honda RoadSync functionality, as well as new or revised governmental regulations, may result in a decrease or cessation of Honda RoadSync functionality and services.

Honda cannot and does not provide any warranty or guarantee of future Honda RoadSync performance or functionality.

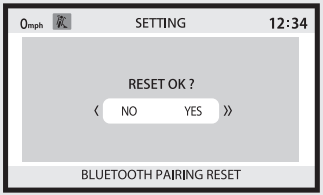
Honda RoadSync *(Continued)*

Pairing your smartphone via *Bluetooth*®

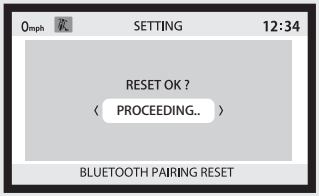
Make a *Bluetooth*® pairing after stopping at a safe place.

Only one smartphone can be connected at a same time.
To connect another smartphone, reset the *Bluetooth*® pairing record. P.60

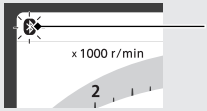
1. Select the BLUETOOTH PAIRING RESET menu. P.41 P.60
2. Press and hold the ▶ on the sel switch to select "YES." P.60
   - ▶ Press ◀ of the sel switch to cancel the pairing. The display returns to the upper level hierarchy.



❸ "PROCEEDING..." is displayed and the system will be in pairing standby.
Perform the pairing operation by the application on your smartphone within about 2 minutes.



► On the ordinary display, the *Bluetooth*® indicator flashes while waiting for pairing.

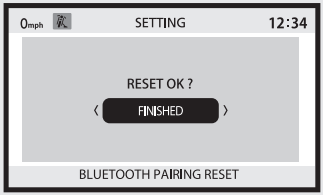


***Bluetooth*® indicator**

► To operate the Honda RoadSync application installed on your smartphone, follow the instructions displayed in the application.

❹ When pairing is complete, "FINISHED" will be displayed.

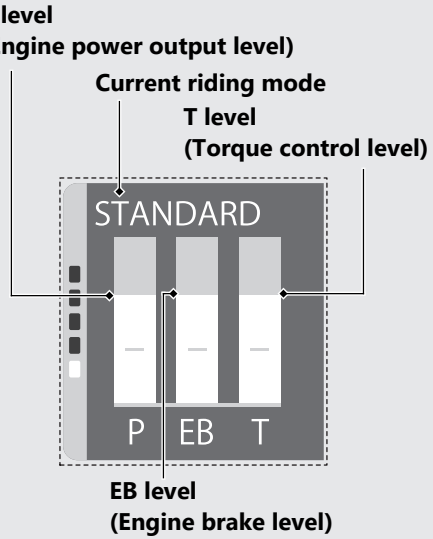
► Even if you do not complete pairing, "FINISHED" will be displayed about 2 minutes after.
Check the status icons to confirm pairing is complete. P.24
If pairing is not completed, perform ❶ to ❸ again.



Riding mode

You can change the riding mode.
The riding mode consists of the following parameters.

P: Engine power output level
EB: Engine brake level
T: Torque control level



Riding mode has five modes.
Available riding modes: [STANDARD], [SPORT], [RAIN], [USER1], and [USER2].

In the first three riding modes, you cannot change the initial setting level.

[STANDARD] : Standard, all-around mode for a variety of situations.

[SPORT] : This mode is suitable for sports riding. You can feel the higher engine response compared to STANDARD.
[RAIN] : Good for stable riding on slippery surfaces, such as during rainy conditions.

[USER1]/[USER2]
Each initial setting level can be changed.

Initial setting

	P level	EB level	T level
STANDARD	2	2	2
SPORT	3	1	1
RAIN	1	2	3
USER1	2*	2*	2*
USER2	2*	2*	2*

Notes:
* : Level can be changed.

Riding mode *(Continued)*

P level (Engine power output level)

P level has three setting levels.

Available setting range: 1 to 3

- ▶ Level 1 has the least power.
- ▶ Level 3 has the most power.

EB level (Engine brake level)

EB level has three setting levels.

Available setting range: 1 to 3

- ▶ Level 1 has the weakest engine braking effect.
- ▶ Level 3 has the strongest engine braking effect.

T level (Torque control level)

T level has three setting levels or can be turned off.

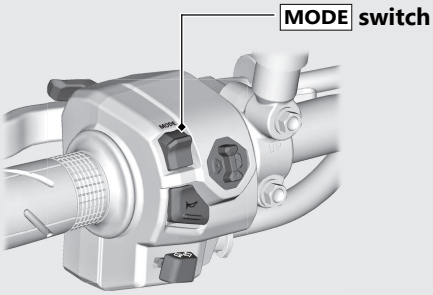
Available setting range: 0 to 3

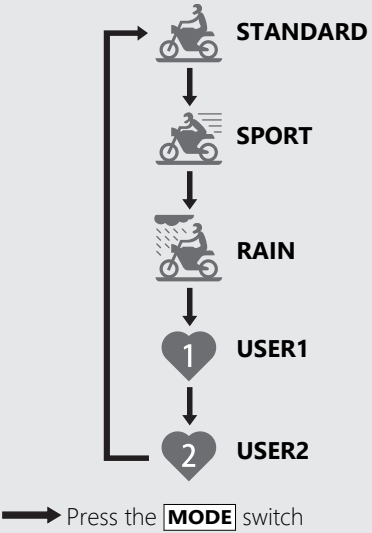
- ▶ Level 1 is the minimum Torque Control level.
- ▶ Level 3 is the maximum Torque Control level.
- ▶ Level 0 deactivates the Torque Control.
- ▶ If you turn the ignition switch to the OFF position while T level is 0, the setting is not maintained. The setting will be changed to level 2.

Selecting the riding mode

You can change the riding mode using the **MODE** switch.

1. Stop the vehicle.
2. Press the **MODE** switch with the throttle fully closed.



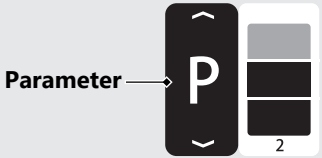


Riding mode *(Continued)*

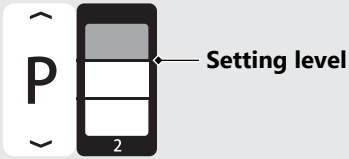
Setting the riding mode

You can change the P, EB, and T levels in [USER1] and [USER2] of the riding mode.

1. Stop the vehicle.
2. Select [USER1] or [USER2] riding mode. P.97
3. Press and hold the **MODE** switch.
4. Select the parameter using the ▲ or ▼ on the sel switch and shift to setting display using the ► on the sel switch.



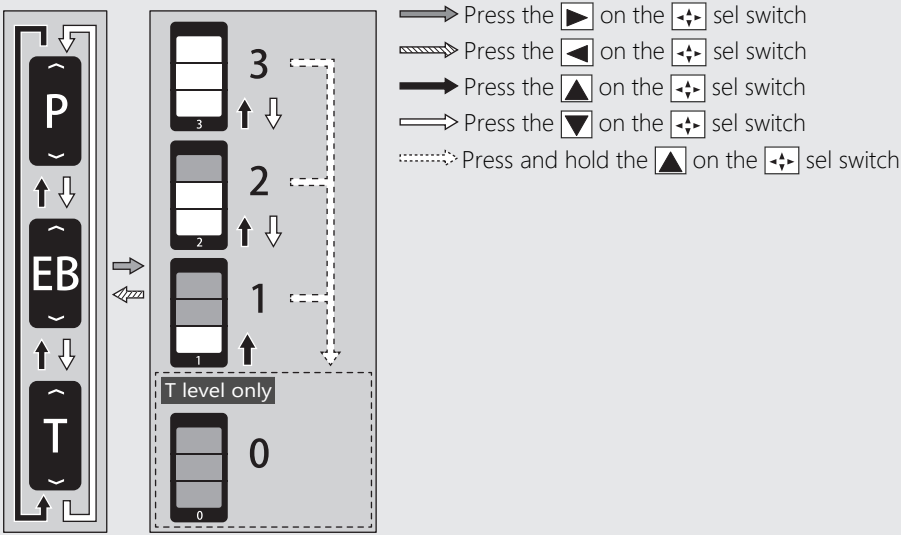
5. Select the setting level using the ▲ or ▼ on the sel switch.
   ► T level can be changed to 0 (off) by pressing and holding the ▲ of the sel switch while selecting the T parameter.



6. Press and hold the **MODE** switch until setting display closes.
   ► When the ignition switch is turned to the OFF position, the setting value is saved.

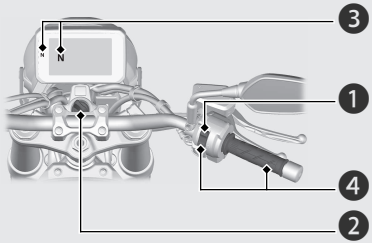
You can also change [USER1] and [USER2] settings in setting mode.

RIDING MODE setting: P.46


P
EB
T
3
2
1
T level only
0
Press the ▶ on the sel switch
Press the ◀ on the sel switch
Press the ▲ on the sel switch
Press the ▼ on the sel switch
Press and hold the ▲ on the sel switch

Starting the Engine

Start your engine using the following procedure, regardless of whether the engine is cold or warm.



This vehicle is equipped with a Honda SMART Key system. Always keep Honda SMART Key on you when you ride the vehicle. P.81

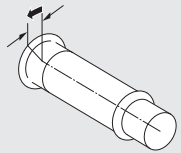
NOTICE

- 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.
- Snapping the throttle or fast idling for more than about 5 minutes may cause exhaust pipe discoloration.
- The engine will not start if the throttle is fully open.

1. Make sure the engine stop switch is in the ⟳ (Run) position.
2. Turn the ignition switch to the ON position.
3. Shift the transmission to Neutral (N indicator comes on). Alternatively, pull in the clutch lever to start your vehicle with the transmission in gear so long as the side stand is raised.

❹ Press the start button with the throttle completely closed.
► If you cannot start the engine, open the throttle slightly (about 1/8 in (3 mm), without freeplay) and press the start button.

About 1/8 in (3 mm), without freeplay



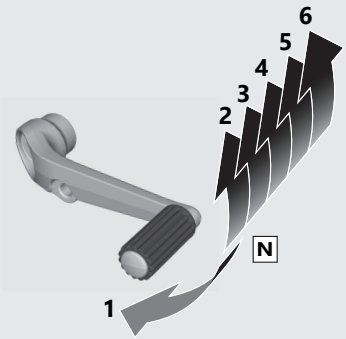
If the engine does not start:

① Open the throttle fully and press the start button for 5 seconds.
► The engine will not start at this time. (When the throttle is fully open, the engine will not start when the start button is pressed.) Release the throttle and start button after 5 seconds and proceed to step ②.
② Repeat the normal starting procedure.
③ If the engine starts, open the throttle slightly if idling is unstable.
④ If the engine does not start, wait 10 seconds before trying steps ① and ② again.

If Engine Will Not Start P.159

Shifting Gears

Your vehicle transmission has 6 forward gears in a one-down, five-up shift pattern.



If you put the vehicle in gear with the side stand down, the engine will shut off.

Recommended Shift Points

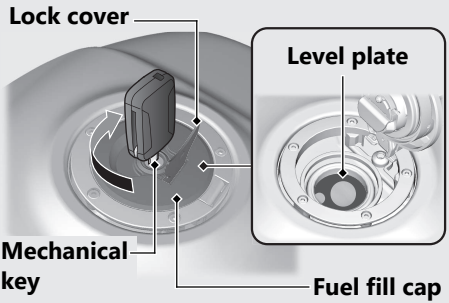
Shifting Up	
From 1st to 2nd	12 mph (20 km/h)
From 2nd to 3rd	19 mph (30 km/h)
From 3rd to 4th	25 mph (40 km/h)
From 4th to 5th	31 mph (50 km/h)
From 5th to 6th	37 mph (60 km/h)

Shifting Down	
From 6th to 5th	28 mph (45 km/h)
From 5th to 4th	22 mph (35 km/h)
From 4th to 3rd	16 mph (25 km/h)

NOTICE

Improper shifting can damage the engine, transmission, and drive train. Also, coasting or towing the vehicle for long distances with the engine off can damage the transmission.

Refueling



Do not fill with fuel above the level plate.

Fuel type: Unleaded gasoline only
Recommended fuel octane number:
Pump Octane Number (PON) 91 or higher.
Tank capacity: 4.23 US gal (16.0 L)

Refueling and Fuel Guidelines P.13

Opening the Fuel Fill Cap

Open the lock cover, insert the mechanical key, and turn it clockwise to open the cap.

Closing the Fuel Fill Cap

1. After refueling, push the fuel fill cap closed until it locks.
2. Remove the mechanical key and close the lock cover.
   ▶ The key cannot be removed if the cap is not locked.

⚠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.

USB Socket

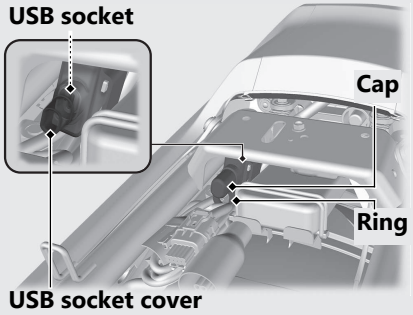
Your vehicle is equipped with the USB socket (for USB Type-C only).
The USB socket is located under the seat.
P.134
This socket is for battery charge only.

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

Only USB devices within the following specifications can be connected.
Rated capacity is
15 W (5 V, 3.0 A).

To connect your USB device

1. Remove the seat. P.134
2. Remove the cap to access the USB socket.
   - ► To prevent lost the cap, put the USB socket cover through the ring part of the cap, and then connect a certified USB cable to the USB socket.
3. Connect a certified USB cable to the socket.



▶ To prevent the battery from becoming weak (or dead), keep the engine running while drawing current from the socket.
▶ To prevent entry of foreign matter into the socket, be sure to close the cap.
▶ Carefully secure all connected devices, as vibration may cause damage to them or they could shift unexpectedly.

NOTICE

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

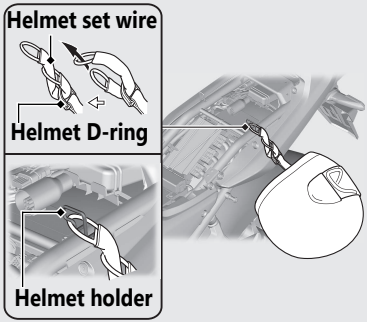
Storage Equipment

Helmet Holder

The helmet holder is located underside of the seat.

The helmet set wire (in the tool kit) is located underside of the seat.

► Use the helmet holder only when parked.



⚠WARNING

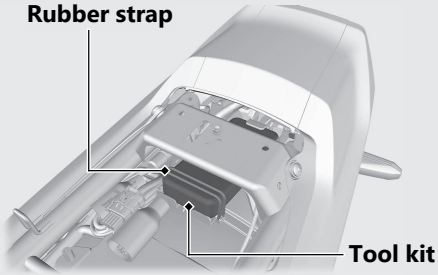
Riding with a helmet attached to the holder can interfere with the rear wheel or suspension and could cause a crash in which you can be seriously hurt or killed.

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

Removing the Seat P.134

Tool Kit

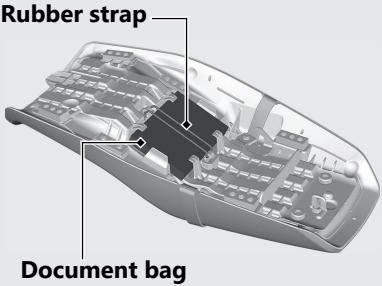
The tool kit is located under the seat by the rubber strap.



Removing the Seat P.134

Document Bag

The document bag is in the reverse side of the seat.



Removing the Seat P.134

Maintenance

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

Importance of Maintenance ..... P. 109
Maintenance Schedule ..... P. 111
Maintenance Record ..... P. 114
Maintenance Fundamentals ..... P. 115
Tools ..... P. 130
Removing & Installing Body Components ..... P. 131
- Battery ..... P. 131
- Clip ..... P. 133
- Seat ..... P. 134
- Left Side Cover ..... P. 135

Engine Oil ..... P. 136
Coolant ..... P. 138
Brakes ..... P. 140
Side Stand ..... P. 143
Drive Chain ..... P. 144
Clutch ..... P. 145
Throttle ..... P. 148
Other Adjustments ..... P. 149
- Adjusting the Brake Lever ..... P. 149
- Adjusting the Front Suspension ..... P. 150
- Adjusting the Rear Suspension ..... P. 153

Other Replacement ..... P. 155
- Replacing the Honda SMART Key Battery ..... P. 155

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. 111

⚠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), and the California Air Resources Board (CARB). ➔P. 196

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 turn the ignition switch to the OFF position.
- Place your vehicle on a firm, level surface using the side 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. 114

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		Odometer Readings*1								Regular Replace	Refer to page
			× 1,000 mi	0.6	4	8	12	16	20	24		
			× 1,000 km	1.0	6.4	12.8	19.2	25.6	32.0	38.4		
	Honda Diagnostic System			I	I	I	I	I	I	I		–
EM	Fuel Line					I		I		I		–
EM	Throttle Operation					I		I		I		148
EM	Air Cleaner *2						R			R		–
EM	Spark Plug		Every 16,000 mi (25,600 km): I, Every 32,000 mi (51,200 km): R									–
EM	Valve Clearance									I		–
EM	Engine Oil			R		R		R		R	1 Year	–
EM	Engine Oil Filter			R				R				–
EM	Engine Idle Speed					I		I		I		–
EM	Radiator Coolant *4					I		I		I	3 Years	138
EM	Cooling System					I		I		I		–
EM	Secondary Air Supply System							I				–
EM	Evaporative Emission Control System *3							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. 202).

: 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
L : Lubricate

Items		Odometer Readings *1								Regular Replace	Refer to page
		× 1,000 mi	0.6	4	8	12	16	20	24		
		× 1,000 km	1.0	6.4	12.8	19.2	25.6	32.0	38.4		
Drive Chain		Every 600 mi (1,000 km): I, L									144
Brake Fluid *4				I	I	I	I	I	I	2 Years	140
Brake Pads Wear				I	I	I	I	I	I		141
Brake System					I		I		I		115
Brake Light Switch					I		I		I		142
Headlight Aim					I		I		I		–
Clutch System				I	I	I	I	I	I		145
Side Stand					I		I		I		143
Suspension					I		I		I		150
Nuts, Bolts, Fasteners					I		I		I		–
Wheels/Tires					I		I		I		125
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 : 50 STATE (meets California)

*4 : Replacement requires mechanical skill.

Maintenance Record

Distance	Odometer	Date	Performed By:	Notes
600 miles (1,000 km)				
4,000 miles (6,400 km)				
8,000 miles (12,800 km)				
12,000 miles (19,200 km)				
16,000 miles (25,600 km)				
20,000 miles (32,000 km)				
24,000 miles (38,400 km)				
28,000 miles (44,800 km)				
32,000 miles (51,200 km)				
36,000 miles (57,600 km)				
40,000 miles (64,000 km)				
44,000 miles (70,400 km)				
48,000 miles (76,800 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. 125
- Lights, horn, and turn signals operate normally.
- Check the condition of the drive chain. Adjust slack and lubricate as needed. ➡ P. 123

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

- Combined weight is within load limits. ➡ P. 209
- Cargo is secured properly.
- Suspension is adjusted to suit load. ➡ P. 150, ➡ P. 153

Check the following items after you get on your vehicle:

- Throttle action moves smoothly without binding. ➡ P. 148
- Brake lever and pedal operate normally.
- Check the fuel level and refuel when needed. ➡ P. 13, ➡ P. 103
- Engine stop switch functions properly. ➡ P. 74

Check the following items at regular intervals:

- Oil level is between the upper and lower level marks. ➡ P. 136
- Brake fluid level:
  Front: between the UP and LWR level marks ➡ P. 140
  Rear: between the UPPER and LOWER level marks ➡ P. 140
- Engine coolant level is between the UPPER and LOWER level marks. ➡ P. 138
- Side stand functions properly. ➡ P. 143

Periodic Checks

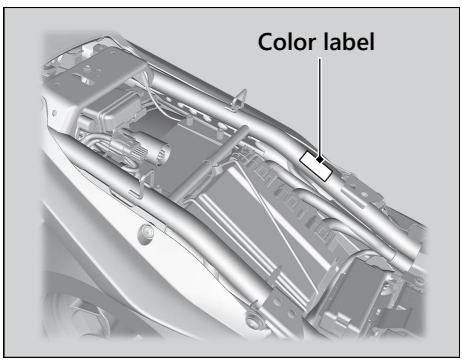
You should also perform other periodic maintenance checks at least once a month regardless of how often you ride, or more often if you ride frequently.

Also, check the odometer reading against the Maintenance Schedule and perform all maintenance that is due. P. 111

Tires and wheels	Check the air pressure (P. 125), examine tread for wear and damage (P. 125), and check the wheels for damage.
Fluid levels	Check the engine oil level (P. 136), engine coolant level (P. 138), and brake fluid level (P. 140).
Lights	Check that the headlight, brake light, taillight, turn signals and license plate light are working properly.
Controls	Check the freeplay of the clutch lever (P. 145). Check the front brake lever (P. 149) and rear brake pedal operate properly.
Drive chain	Check the slack (P. 144), adjust the slack, and lubricate (P. 124) as needed.
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 frame under the seat. P. 134



⚠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.

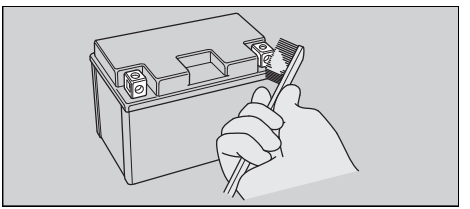
A spark or flame can cause the battery to explode with enough force to kill or seriously hurt you.

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. 131
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.

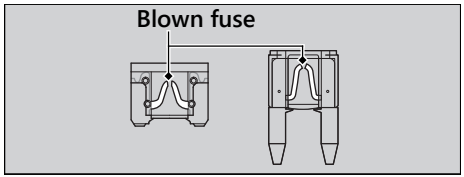
NOTICE
Installing non-Honda electrical accessories can overload the electrical system, discharging the battery and possibly damaging the system.

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. 177

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. 211



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.

Continued

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.

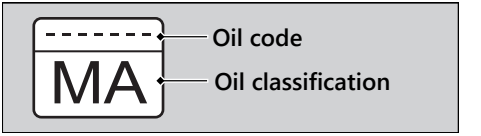
Selecting the Engine Oil

For recommended engine oil, see "Specifications." P. 210

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

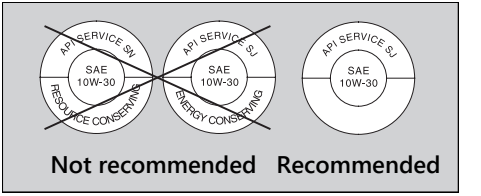
- JASO T 903 standard*1: MA
- SAE standard*2: 10W-30
- API classification*3: SJ or higher

*1. 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 MA classification.



*2. The SAE standard grades oils by their viscosity.

*3. 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.



Brake Fluid

Do not add or replace brake fluid, except in an emergency. Use only fresh brake fluid from a sealed container. If you do add fluid, have the brake system serviced by your dealer as soon as possible.

NOTICE
Brake fluid can damage plastic and painted surfaces.
Wipe up spills immediately and wash thoroughly.

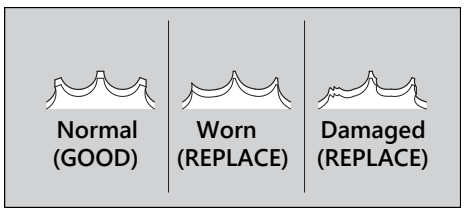
Recommended brake fluid:
Honda DOT 4 Brake Fluid or equivalent

Drive Chain

The drive chain must be inspected and lubricated regularly. Inspect the chain more frequently if you often ride on bad roads, ride at high speed, or ride with repeated fast acceleration. ➔ P. 144

If the chain does not move smoothly, makes strange noises, has damaged rollers, has loose pins, has missing O-rings, or has kinks, have the chain inspected by your dealer.

Also inspect the drive sprocket and driven sprocket. If either has worn or damaged teeth, have the sprocket replaced by your dealer.

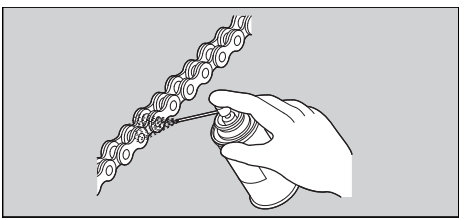


NOTICE
Use of a new chain with worn sprockets will cause rapid chain wear.

Cleaning and Lubricating

After inspecting the slack, clean the chain and sprockets while rotating the rear wheel. Use a dry cloth with chain cleaner designed specifically for O-ring chains, or neutral detergent. Use a soft brush if the chain is dirty. After cleaning, wipe dry and lubricate with the recommended lubricant.

Recommended lubricant:
Pro Honda HP Chain Lube or equivalent



Do not use a steam cleaner, a high pressure cleaner, a wire brush, volatile solvent such as gasoline and benzene, abrasive cleaner, chain cleaner or lubricant NOT designed specifically for O-ring chains as these can damage the rubber O-ring seals.
Avoid getting lubricant on the brakes or tires. Avoid applying excess chain lubricant to prevent spray onto your clothes and the vehicle.

Recommended Coolant

Pro Honda HP Coolant is a pre-mixed solution of antifreeze and distilled water.

Concentration:
50% antifreeze and 50% distilled water

A concentration of antifreeze below 40% will not provide proper corrosion and cold temperature protection.
A concentration of up to 60% will provide better protection in colder climates.

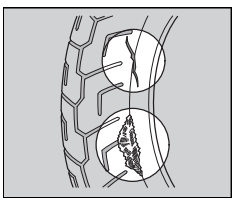
NOTICE
Using coolant not specified for aluminum engines or tap/mineral water can cause corrosion.

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.

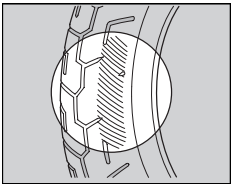
Inspecting for Damage



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.

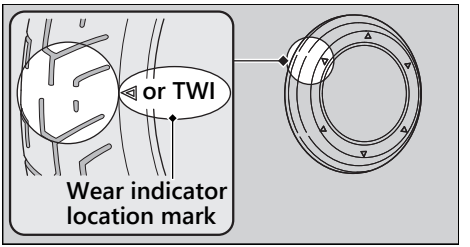
Inspecting for Abnormal Wear

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. For safe riding, you should replace the tires when the minimum tread depth is reached.



⚠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, air pressure, and minimum tread depth, see "Specifications."
➔P. 210
Follow these guidelines whenever you replace tires:

- Use the recommended tires or their equivalents of the same size, construction, speed rating, and load range.
- Have the wheel balanced with Honda Genuine balance weights or equivalent after the tire is installed.
- 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.

There are two different formats that TIN may be listed in.

Format A

① ② ③

DOT XXXX XXXX 20 24

DOT: This indicates that the tire meets all requirements of the U.S. Department of Transportation.

① XXXX: Manufacturer's identification mark

② XXXX: Tire type code

③ 20 24: Date of manufacture (week & year). Example: week 20 in year 24.

Format B

① ② ③

DOT XXX XXXXXX 20 24

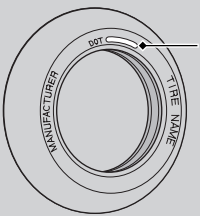
DOT: This indicates that the tire meets all requirements of the U.S. Department of Transportation.

① XXX: Plant code

② XXXXXX: Manufacturer's code

③ 20 24: Date of manufacture (week & year). Example: week 20 in year 24.

Tire Labeling Example



Tire identification number (TIN)

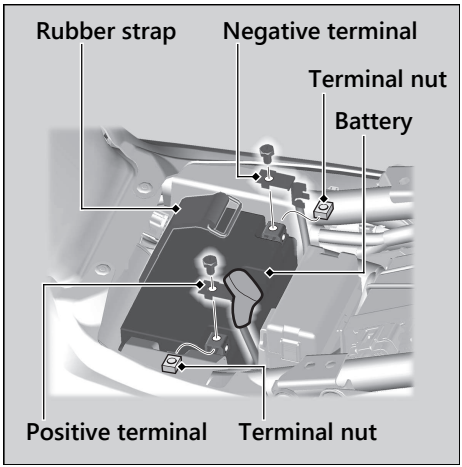
Tools

The tool kit is stored under the seat. ➔P. 134

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

- Standard/Phillips screwdriver
- Screwdriver handle
- Suspension adjuster
- 10 x 14 mm Open end wrench
- Extension bar
- Pin spanner
- Helmet set wire

Battery



Removal

Make sure the ignition switch is in the OFF position.

1. Remove the seat. P. 134
2. Unhook the rubber strap.
3. Disconnect the negative ⊖ terminal from the battery.
4. Disconnect the positive ⊕ terminal from the battery.
5. Remove the battery, taking care not to drop the terminal nuts.

Continued

Installation

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

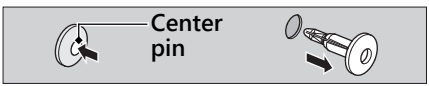
Make sure the clock information is correct after the battery is reconnected. ➔P. 56

For proper handling of the battery, see
"Maintenance Fundamentals." ➔P. 118
"Battery Goes Dead." ➔P. 176

Clip

Removal

1. Press down on the center pin to release the lock.
2. Pull the clip out of the hole.



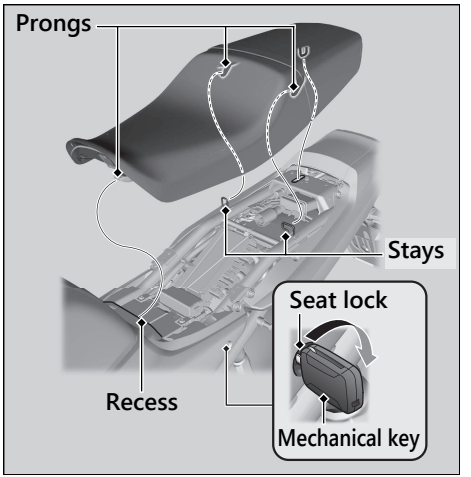
Installation

1. Push the bottom of the center pin.



2. Insert the clip into the hole.
3. Press down on the center pin to lock the clip.

Seat



Removal

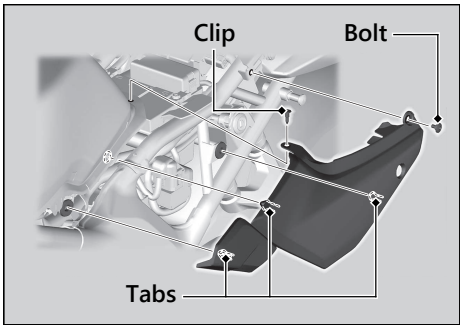
1. Insert the mechanical key into the seat lock.
2. Turn the mechanical key clockwise, then pull the seat up and backward.

Installation

1. Insert the prongs into the recess and stays.
2. Push down on the rear of the seat until it locks in place.
   ▶ Make sure that the seat is locked securely in position by pulling it up lightly.

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

Left Side Cover



Removal

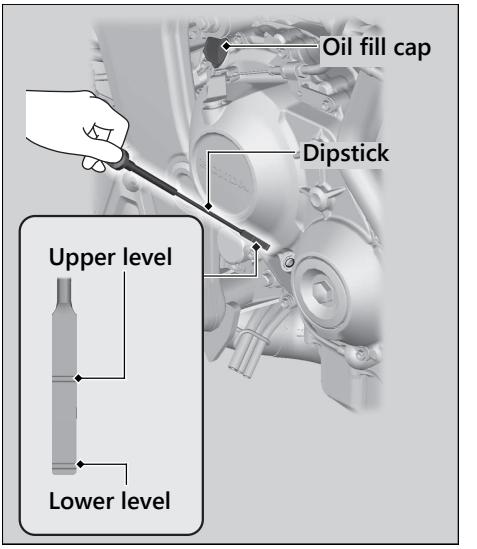
1. Remove the seat. P. 134
2. Remove the clip. P. 133
3. Remove the bolt.
4. Remove the left side cover by releasing the tabs.

Installation

Install the parts in the reverse order of removal.

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 in an upright position on a firm, level surface.
4. Remove the dipstick and wipe it clean.
5. Insert the 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 dipstick.
7. Securely install the dipstick.



Adding Engine Oil

If the engine oil is below or near the lower level mark, add the recommended engine oil.
P. 121, P. 210

1. Remove the oil fill cap. Add the recommended oil until it reaches the upper level mark.
   - ▶ Place your vehicle in an upright position 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.

NOTICE
Overfilling with oil or operating with insufficient oil can cause damage to your engine. Do not mix different brands and grades of oil. They may affect lubrication and clutch operation.

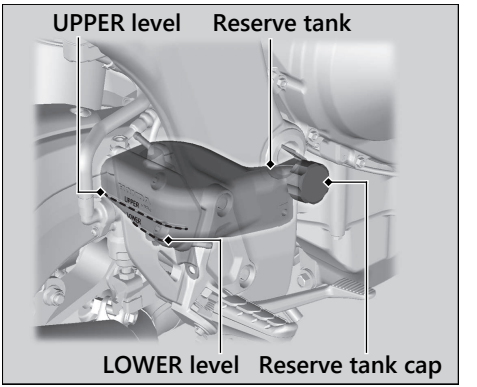
For the recommended oil and oil selection guidelines, see "Maintenance Fundamentals."
P. 121

Checking the Coolant

Check the coolant level in the reserve tank while the engine is cold.

1. Place your vehicle on a firm, level surface.
2. Hold your vehicle in an upright position.
3. Check that the coolant level is between the UPPER level and LOWER level marks on the reserve tank.

If the coolant level is dropping noticeably or the reserve tank is empty, you likely have a serious leak. Have your vehicle inspected by your dealer.



Adding Coolant

If the coolant level is below the LOWER level mark, add the recommended coolant (P. 125) until the level reaches the UPPER level mark.

Add fluid only from the reserve tank cap and do not remove the radiator cap.

1. Remove the reserve tank cap and add fluid while monitoring the coolant level.
   ▶ Do not overfill above the UPPER level mark.
   ▶ Make sure no foreign objects enter the reserve tank opening.
2. Securely reinstall the reserve tank cap.

⚠WARNING

Removing the radiator cap while the engine is hot can cause the coolant to spray out, potentially scalding you.

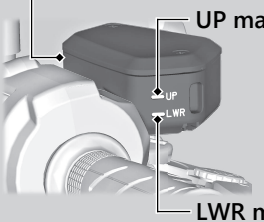
Always let the engine and radiator cool down before removing the radiator cap.

Checking Brake Fluid

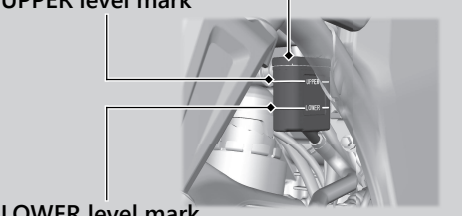
1. Place your vehicle in an upright position on a firm, level surface.
2. Front Check that the brake fluid reservoir is horizontal and that the fluid level is between the LWR and UP marks.
   Rear Check that the brake fluid reservoir is horizontal and that the fluid level is between the LOWER level and UPPER level marks.

If the brake fluid level in either reservoir is below the LWR mark or LOWER level mark or the brake lever and pedal freeplay becomes excessive, inspect the brake pads for wear. If the brake pads are not worn, you most likely have a leak. Have your vehicle inspected by your dealer.

Front



Rear



Inspecting the Brake Pads

Check the condition of the brake pad wear indicators.

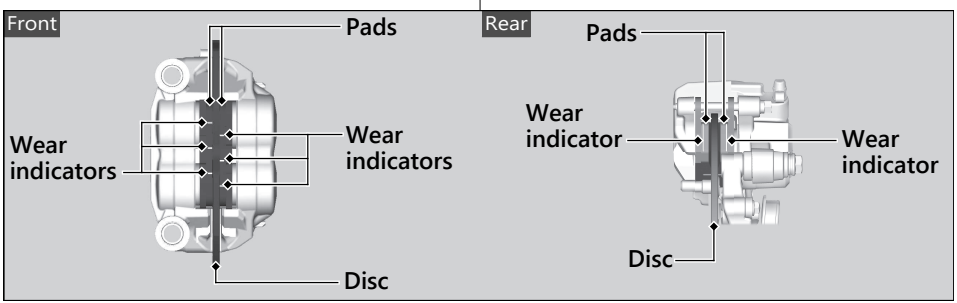
Front The pads need to be replaced if a brake pad is worn to the bottom of the indicator.

Rear The pads need to be replaced if a brake pad is worn to the indicator.

1. Front Inspect the brake pads from in front of the brake caliper.
   ▶ Always inspect both left and right brake calipers.
2. Rear Inspect the brake pads from the rear right of the vehicle.

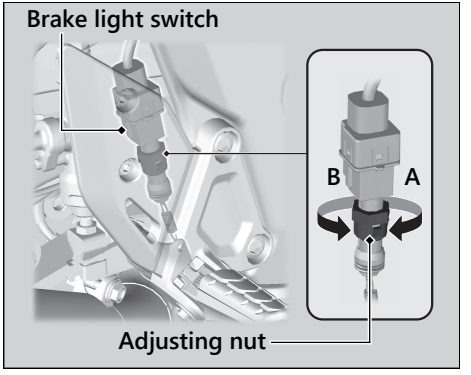
If necessary, have the pads replaced by your dealer.

Always replace both left and right brake pads at the same time.

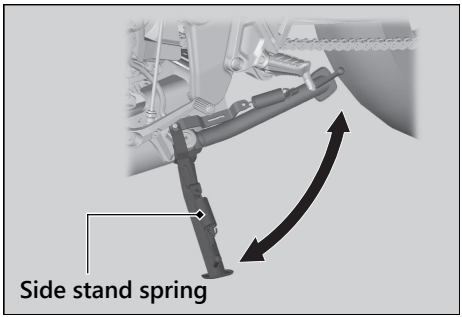


Adjusting the Brake Light Switch

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.



Checking the Side Stand



1. 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.
2. Check the spring for damage or loss of tension.
3. Sit on the vehicle, shift the transmission to Neutral, and raise the side stand.
4. Start the engine, pull the clutch lever in, and shift the transmission into gear.
5. 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.

Inspecting the Drive Chain Slack

Check the drive chain slack at several points along the chain. If the slack is not constant at all points, some links may be kinked and binding.

Have the chain inspected by your dealer.

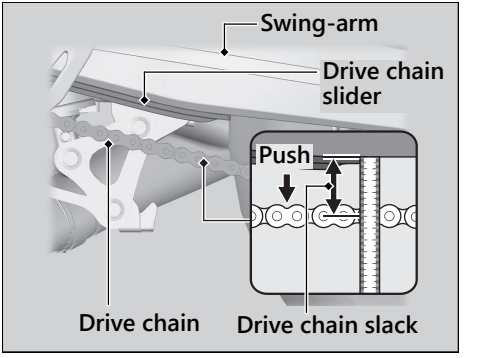
1. Shift the transmission to Neutral. Stop the engine.
2. Place your vehicle on its side stand on a firm, level surface.
3. Push the lower part of the drive chain down and check the chain slack between the drive chain and swing-arm at the end of the drive chain slider.

Drive chain slack:

Swing-arm to drive chain

2 5/16 - 2 1/2 in (58 - 63 mm)

▶ Do not ride your vehicle if the slack exceeds 2.7 in (68 mm).



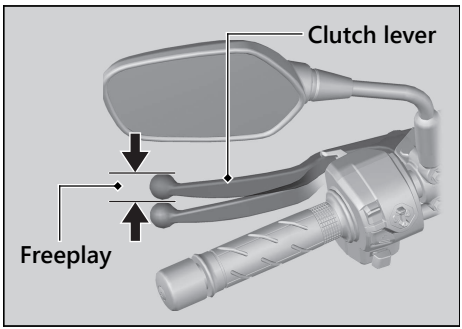
4. Roll the vehicle forward and check that the chain moves smoothly.
5. Inspect the sprockets. P. 123
6. Clean and lubricate the drive chain. P. 124

Checking the Clutch

Checking the Clutch Lever Freeplay

Check the clutch lever freeplay.

Freeplay at the clutch lever:
3/8 - 13/16 in (10 - 20 mm)



Check the clutch cable for kinks or signs of wear. If necessary, have it replaced by your dealer.
Lubricate the clutch cable with a commercially available cable lubricant to prevent premature wear and corrosion.

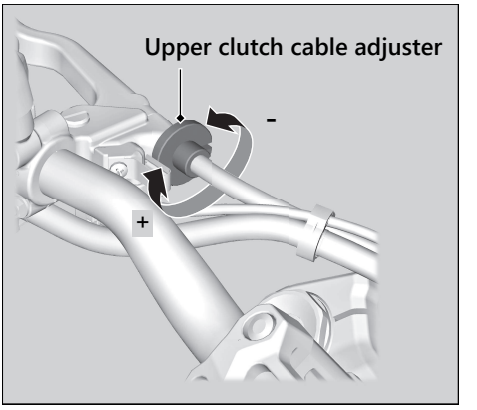
NOTICE
Improper freeplay adjustment can cause premature clutch wear.

Adjusting the Clutch Lever Freeplay

Upper Adjustment

Attempt adjustment with the upper clutch cable adjuster first.

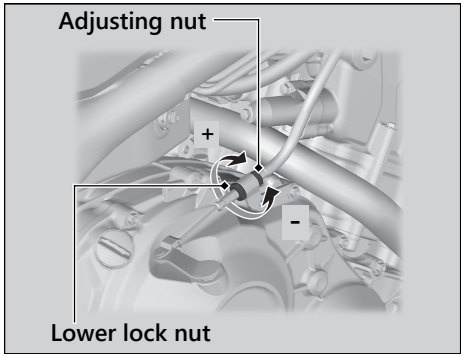
Turn the clutch cable adjuster until the freeplay is 3/8 - 13/16 in (10 - 20 mm).



Lower Adjustment

If the upper clutch cable adjuster is threaded out near its limit, or the correct freeplay cannot be obtained, attempt adjustment with the lower clutch cable adjusting nut.

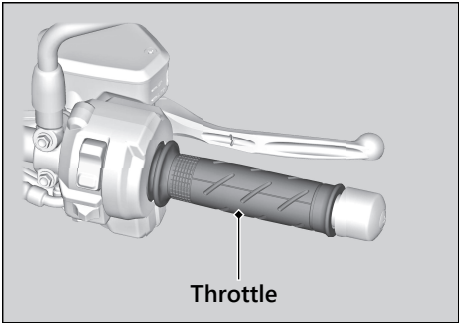
1. Turn the upper clutch cable adjuster all the way in to provide maximum freeplay.
2. Loosen the lower lock nut.
3. Turn the adjusting nut until the clutch lever freeplay is 3/8 - 13/16 in (10 - 20 mm).
4. Tighten the lower lock nut and check the clutch lever freeplay.
5. Start the engine, pull the clutch lever in, and shift into gear. Make sure the engine does not stall and the vehicle does not creep. Gradually release the clutch lever and open the throttle. Your vehicle should move smoothly and accelerate gradually.



If proper adjustment cannot be obtained or the clutch does not work correctly, see your dealer.

Checking the Throttle

With the engine off, check that the throttle rotates smoothly from fully closed to fully open. If the throttle does not move smoothly or close automatically, have the vehicle inspected by your dealer.



Adjusting the Brake Lever

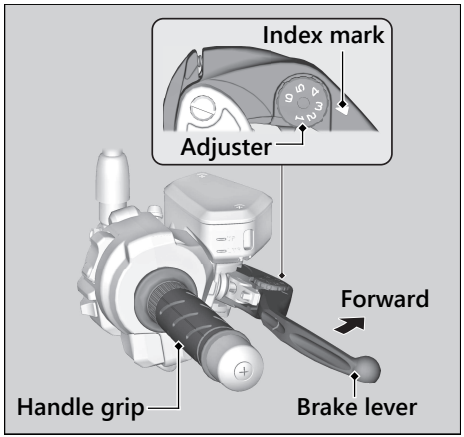
You can adjust the distance between the brake lever and handle grip.

Adjustment method

Push the brake lever forward, then turn the adjuster until the numbers align with the index mark in the desired position.

After adjustment, check that the lever operates correctly before riding.

NOTICE
Do not turn the adjuster beyond its natural limit.



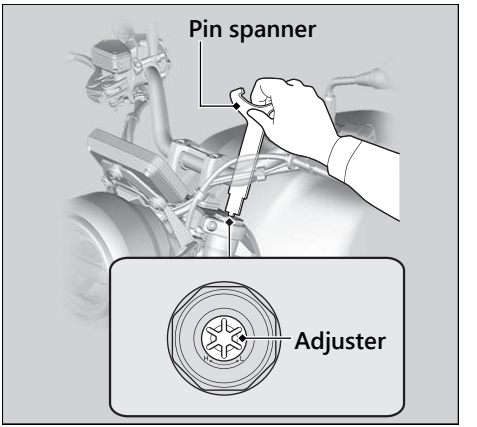
Adjusting the Front Suspension

Spring Preload

You can adjust the spring preload by the adjuster to suit the load or the road surface.

Turn the adjuster using the pin spanner provided in the tool kit. ➡P. 130

The spring preload adjuster has 20 turns. Turn clockwise to increase spring preload (hard), or turn counterclockwise to decrease spring preload (soft). The standard position is 7 turns from the full soft position.



NOTICE

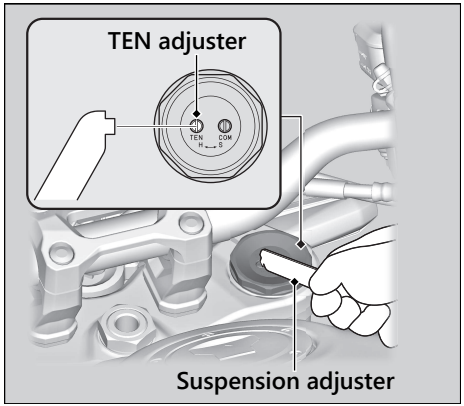
Do not turn the adjuster beyond its limits.

Rebound Damping

You can adjust the rebound damping by the TEN adjuster to suit the load or the road surface.

Turn the adjuster using the suspension adjuster provided in the tool kit. P. 130

The TEN adjuster has 5 1/2 turns.
Turn clockwise to increase rebound damping (hard), or turn counterclockwise to decrease rebound damping (soft). The standard position is 3 turns from the full hard position.



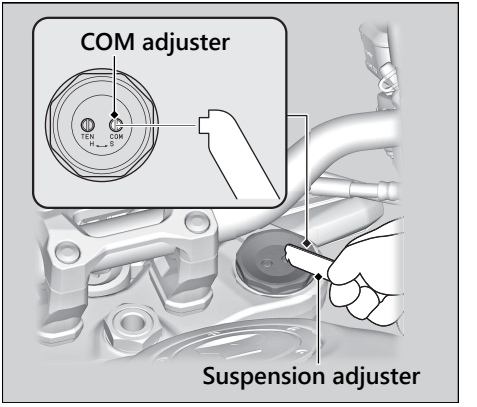
NOTICE
Do not turn the adjuster beyond its limits.

Compression Damping

You can adjust the compression damping by the COM adjuster to suit the load or the road surface.

Turn the adjuster using the suspension adjuster provided in the tool kit. P. 130

The COM adjuster has 7 turns.
Turn clockwise to increase compression damping (hard), or turn counterclockwise to decrease compression damping (soft). The standard position is 5 turns from the full hard position.



NOTICE
Do not turn the adjuster beyond its limits.

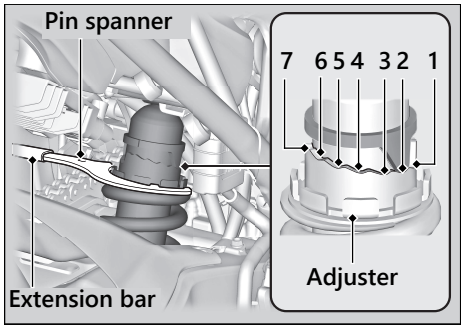
Adjusting the Rear Suspension

Spring Preload

You can adjust the spring preload by the adjuster to suit the load or the road surface.

Turn the adjuster using the pin spanner and extension bar provided in the tool kit.
➡P. 130

The preload adjuster has 7 positions. Positions 1 to 3 are for a decreased spring preload (soft), or turn to positions 5 to 7 for an increased spring preload (hard). The standard position is 4.



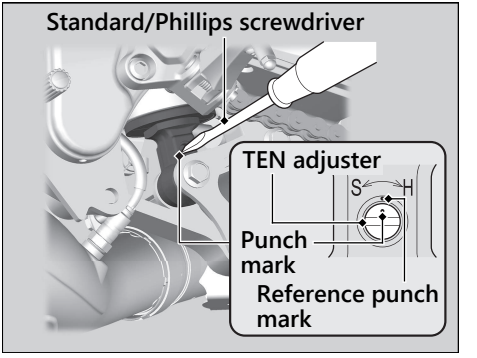
NOTICE
Do not turn the adjuster beyond its limits. Attempting to adjust directly from 1 to 7 or 7 to 1 may damage the shock absorber.

NOTICE
The rear shock absorber damper unit contains high pressure nitrogen gas. Do not attempt to disassemble, service, or improperly dispose of the damper. See your dealer.

Rebound Damping

You can adjust the rebound damping by the TEN adjuster to suit the load or the road surface.

The TEN adjuster has 2 turns or more.
Turn clockwise to increase rebound damping (hard), or turn counterclockwise to decrease rebound damping (soft).
The standard position is 1/2 turns from the full hard position so that the punch mark on the adjuster aligns with the reference punch mark.



NOTICE
Do not turn the adjuster beyond its limits.

NOTICE
The rear shock absorber damper unit contains high pressure nitrogen gas. Do not attempt to disassemble, service, or improperly dispose of the damper. See your dealer.

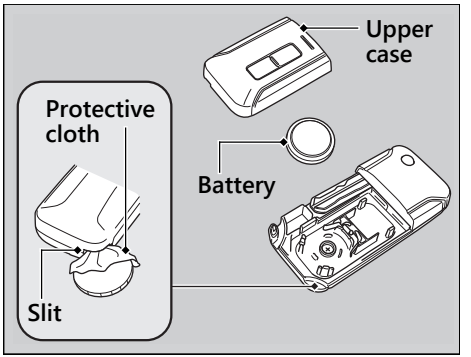
Replacing the Honda SMART Key Battery

If the Honda SMART Key indicator flashes 5 times when the electrical system is turned on, or the operating range becomes unstable, replace the battery as soon as possible.
We recommend to see your dealer for this service.

Battery type: CR2032 or CR2032H

1. Remove the upper case by inserting a coin or a flat head screwdriver covered with a protective cloth into the slit.
- ▶ Wrap a coin or a screwdriver with a protective cloth to prevent scratching the Honda SMART Key.
- ▶ Do not touch the circuit or terminal. This may cause problems.
- ▶ Be careful to avoid scratching the waterproof covering or allowing dust to enter.
- ▶ Do not forcibly dismantle the Honda SMART Key body.

Continued



2. Replace the old battery with a new one with the positive ⊖ side facing up.
3. Snap the upper and lower cases back together.
   ▶ Make sure that upper and lower cases are set in the right position.

⚠WARNING

CHEMICAL BURN HAZARD

The battery that powers the Honda SMART Key can cause severe internal burns and can even lead to death if swallowed.

Keep new and used batteries away from children.
If you suspect that a child has swallowed the battery, seek medical attention immediately.

CAUTION

- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Do not expose to excessive heat such as sunshine, fire or the like, that can result in an explosion or the leakage of flammable liquid or gas during use, storage or transportation.
- Do not dispose of a battery into fire or a hot oven, or give mechanically crushing or cutting of a battery, that can result in an explosion.
- Do not subject to extremely low air pressure at high altitude that may result in an explosion or the leakage of flammable liquid or gas.

Troubleshooting

Engine Will Not Start ..... P. 159
Overheating (High coolant temperature/ warning indicators are on) ..... P. 160
Warning Indicators On or Flashing ..... P. 161
- Low Oil Pressure Indicator ..... P. 161
- PGM-FI (Programmed Fuel Injection) Malfunction Indicator Lamp (MIL) ..... P. 162
- ABS (Anti-lock Brake System) Indicator ..... P. 163
- Torque Control Indicator ..... P. 164
- Honda SMART Key Indicator ..... P. 165

Other Warning Indications ..... P. 166
- Fuel Gauge Failure Indication ..... P. 166
- Coolant Temperature Gauge Failure Indication ..... P. 167

When the Honda SMART Key System Does Not Operate Properly ..... P. 168
Unlock the Ignition Switch in an Emergency ..... P. 170
Tire Puncture ..... P. 173
Smartphone Pairing Trouble ..... P. 174
Electrical Trouble ..... P. 176
- Battery Goes Dead ..... P. 176
- Burned-out Light Bulb ..... P. 176
- Blown Fuse ..... P. 177

Starter Motor Operates But Engine Does Not Start

Check the following items:

- Check the correct engine starting sequence. ➡ P. 100
- Check that there is gasoline in the fuel tank.
- Check if the PGM-FI malfunction indicator lamp (MIL) is on.
  ▶ If the indicator lamp is on, contact your dealer as soon as possible.

Starter Motor Does Not Operate

Check the following items:

- Check the correct engine starting sequence. ➡ P. 100
- Check for a blown fuse. ➡ P. 177
- Check for a loose battery connection (➡ P. 131) or battery terminal corrosion (➡ P. 118).
- Check the condition of the battery. ➡ P. 176

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

Overheating (High coolant temperature/warning indicators are on)

The engine is overheating when the following occurs:

- High coolant temperature indicator and warning indicator come on.
- Coolant temperature display flashes at WATER TEMP in the setting mode. ➡ P. 67
- Acceleration becomes sluggish.
  If this occurs, pull safely to the side of the road and perform the following procedure.

Extended fast idling may cause the high coolant temperature indicator and warning indicator to come on.

NOTICE

Continuing to ride with an overheated engine can cause serious damage to the engine.

1. Stop the engine using the ignition switch, and then turn the ignition switch to the ON position.
2. Check that the radiator fan is operating, and then turn the ignition switch to the OFF position.

   If the fan is not operating:

   Suspect a fault. Do not start the engine. Transport your vehicle to your dealer.

   If the fan is operating:

   Allow the engine to cool with the ignition switch in the OFF position.
3. After the engine has cooled, inspect the radiator hose and check if there is a leak. ➡ P. 138

   If there is a leak:

   Do not start the engine. Transport your vehicle to your dealer.
4. Check the coolant level in the reserve tank. ➡ P. 138

   ► Add coolant as necessary.
5. If 1-4 check normal, you may continue riding, but closely monitor the temperature gauge.

Low Oil Pressure Indicator

If the low oil pressure indicator and the warning indicator come on, pull safely to the side of the road and stop the engine.

NOTICE
Continuing to ride with low oil pressure can cause serious damage to the engine.

1. Check the engine oil level, and add oil as necessary. P. 136, P. 137
2. Start the engine.
   ▶ Only continue riding if the low oil pressure indicator and the warning indicator go off.

Rapid acceleration may momentarily cause the low oil pressure indicator and the warning indicator to come on, especially if the oil is at or near the low level.

If the low oil pressure indicator and the warning indicator stay on when the oil level is at the proper level, stop the engine and contact your dealer.

If the engine oil level goes down rapidly, your vehicle may have a leak or another serious problem. Have your vehicle inspected by your dealer.

PGM-FI (Programmed Fuel Injection) Malfunction Indicator Lamp (MIL)

If the indicator comes on while riding, you may have a serious problem with the PGM-FI system. Reduce speed and have your vehicle inspected by your dealer as soon as possible.

ABS (Anti-lock Brake System) Indicator

If the indicator operates in one of the following ways, you may have a serious problem with the ABS. Reduce your speed and have your vehicle inspected by your dealer as soon as possible.

- Indicator comes on or starts flashing while riding.
- Indicator does not come on when the ignition switch is in the ON position.
- Indicator does not go off at speeds above 6 mph (10 km/h).

If the ABS indicator stays on, your brakes will continue to work as a conventional system, but without the anti-locking function.

The ABS indicator may flash if you turn the rear wheel while the rear wheel is lifted off the ground. In this case, turn the ignition switch to the OFF position, and then to the ON position again. The ABS indicator will go off after your speed reaches 19 mph (30 km/h).

Torque Control Indicator

If the indicator operates in one of the following ways, you may have a serious problem with the Torque Control. Reduce your speed and have your vehicle inspected by your dealer as soon as possible.

- Indicator comes and stays on (solid) while riding.
- Indicator does not come on when the ignition switch is turned to the ON position.
- Indicator does not go off at speeds above 3 mph (5 km/h).

Even when the Torque Control indicator is on, your vehicle will have normal riding ability without Torque Control function.

▶ When the indicator comes on while the Torque Control is in operation, you will have to completely close the throttle to regain normal riding ability.

The Torque Control indicator may come on if you rotate the rear wheel while your vehicle is lifted off the ground. In this case, turn the ignition switch to the OFF position, and then to the ON position again. The Torque Control indicator will go off after your speed reaches 3 mph (5 km/h).

Honda SMART Key Indicator

When the Honda SMART Key indicator flashes 5 times

Replacing the Honda SMART Key Battery ➡ P. 155

When the Honda SMART Key indicator is flashing while the ignition switch is in the ON position

The Honda SMART Key indicator flashes when communication between your vehicle and Honda SMART Key stops after turning the ignition switch to the ON position.
It is probably caused by the following:

- Strong radio waves or noise are affecting the system.
- You lose the Honda SMART Key while riding.

However, this does not affect the operation of your vehicle until the ignition switch is locked.

If you turn the ignition switch to the OFF or LOCK position while the Honda SMART Key indicator is flashing, the Honda SMART Key indicator will flash faster for about 20 seconds, automatically go off, and then the ignition switch will lock.

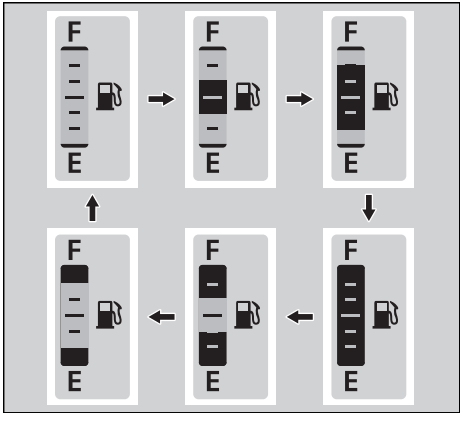
▶ Turn signals blink at the beginning and end of this function.

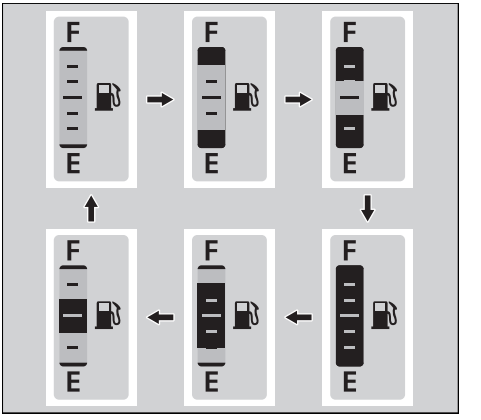
To stop this flashing, press and hold the ignition switch for more than 2 seconds. After the flashing stop, the ignition switch is locked.

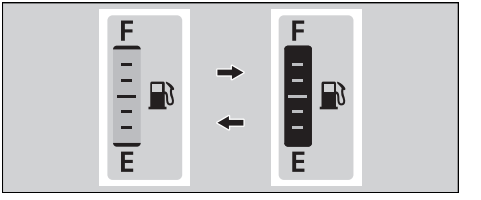
If you do not have the Honda SMART Key, the ignition switch can be unlocked in another way. ➡ P. 170

Fuel Gauge Failure Indication

If the fuel system has an error, the fuel gauge indicators will be displayed as shown in the illustrations.
If these occur, see your dealer as soon as possible.

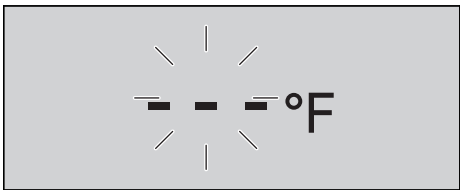






Coolant Temperature Gauge Failure Indication

If the cooling system has an error, "---" blinks as shown in the illustration. If this occurs, see your dealer as soon as possible.



When the Honda SMART Key System Does Not Operate Properly

When the Honda SMART Key system does not work properly, perform the following.

- Check that the Honda SMART Key system is activated.
  Lightly press the ON/OFF button on the Honda SMART Key.
  If the Honda SMART Key LED is red, activate the Honda SMART Key system. ➔P. 80
  If the Honda SMART Key LED does not respond, replace the battery. ➔P. 155
- Check that there is no communication failure in the Honda SMART Key system. The Honda SMART Key system uses low-intensity radio waves. The Honda SMART Key system may not work properly in the following conditions:
  - ▶ When there are facilities nearby that generate strong radio waves or noise such as TV towers, power stations, radio stations, or airports.
  - ▶ When you carry the Honda SMART Key with a laptop or wireless communication device such as a radio or mobile phone.
  - ▶ When the Honda SMART Key comes into contact with or is covered by metal objects.

- Check that a registered Honda SMART Key is used.
  Use a registered Honda SMART Key. The Honda SMART Key system cannot be activated without a registered Honda SMART Key.

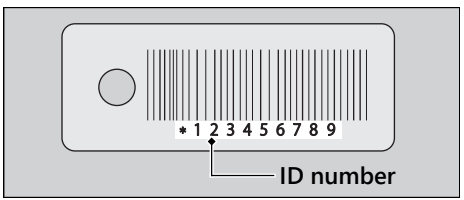
- Make sure that you do not use a broken Honda SMART Key.
  If you use a broken Honda SMART Key, the Honda SMART Key system cannot be activated. Bring the ID tag to your dealer.

- Check the battery condition and battery lead in your vehicle.
  Check the battery and battery terminals. If the battery is weak, contact your dealer.

If the Honda SMART Key system cannot be activated due to other causes, contact your dealer.

Set up to ID number input mode

1. Check the ID number on the ID tag.
2. Press and hold the ignition switch for more than 4 seconds.
   ▶ The Honda SMART Key indicator flashes for 5 seconds.
3. Press the ignition switch while the Honda SMART Key indicator is flashing.
   ▶ The Honda SMART Key indicator stays lit, and the ID number input mode turns on.



ID number input

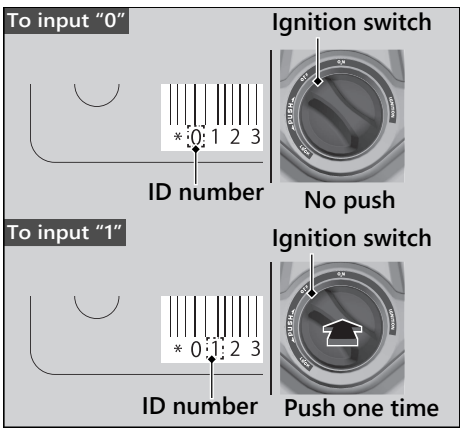
You can input your ID number by pressing the ignition switch when the ignition switch is OFF or LOCK position. Input the ID number on the ID tag in order from the left in turn by pressing the ignition switch.

The ID number is authenticated according to the number of times the ignition switch is pushed.

Push the ignition switch the desired number of times within 5 seconds when the Honda SMART Key indicator comes on. After 5 seconds, the Honda SMART Key indicator goes off and comes on again. This means that the inputted number is fixed, and you can input the next number.

Example:

- To input “0”, wait for 5 seconds without pushing the ignition switch when the Honda SMART Key indicator comes on.
- To input “1”, push the ignition switch once within 5 seconds when the Honda SMART Key indicator comes on.



ID number input success

After the last ID number is input, the Honda SMART Key indicator goes off, and when it comes on again the ignition switch is unlocked.

Turn the ignition switch to the ON position within 6 minutes. You can start the engine.

To lock the ignition switch, turn the ignition switch to the OFF, or LOCK position, and press and hold the ignition switch for 2 seconds. The ignition switch also locks automatically when the ignition switch has been in the OFF, or LOCK position for about 6 minutes after the ID number is successfully inputted.

When the ignition switch is locked, the Honda SMART Key indicator goes off, and the turn signals flash once.

To unlock the ignition switch again, redo the “Unlock the Ignition Switch in an Emergency” procedure. ➡P. 170

ID number input failure

After the last ID number is entered, the Honda SMART Key indicator flashes 3 times, and then goes off.

The ignition switch does not unlock.

Redo the "Unlock the Ignition Switch in an Emergency" procedure. P. 170

ID number input cancel

If you make a mistake while inputting your ID, do one of the following:

- Press and hold the ignition switch until the Honda SMART Key indicator to turn off.
- Do not press the ignition switch, just wait for the Honda SMART Key indicator to turn off.

Redo the "Unlock the Ignition Switch in an Emergency" procedure. P. 170

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.

Smartphone Pairing Trouble

Symptom	Cause/remedy
Unable to pair a smartphone	Some smartphones you use may be incompatible with the vehicle and/or the operable functions may be limited.
	Check that the vehicle and smartphone are both in pairing mode. ➔P. 92
	Check your surroundings to make sure no other device being paired is present before re-pairing. Presence of a *Bluetooth*® device in the vicinity sometimes affects the pairing due to radio wave interference, etc.
	When connecting a smartphone, make sure no other *Bluetooth*® device readied for pairing is present. Presence of a *Bluetooth*® device in the vicinity sometimes affects the pairing due to radio wave interference, etc.
	Check that the vehicle pairing information is deleted from your smartphone *Bluetooth*® setting. Depending on the smartphone used, connecting may not be possible unless the pairing information is deleted.

Symptom	Cause/remedy
Unable to connect a smartphone	Depending on the smartphone you use, it may take some time for the vehicle to connect to a smartphone and to start using a dedicated application.
	The connection may be temporarily disconnected when starting the engine, which is normal and not a malfunction. The smartphone will be reconnected after the engine is started.
	Check that *Bluetooth*® status icon comes on. Refer to the instruction manual of your smartphone and check that your smartphone is in connectable state.
	Some smartphones you use may not connect automatically. For connecting, follow the instructions in the instruction manual of your smartphone.
	You cannot connect two or more smartphones at once.

If the problem continues after the above-described inspection, have your vehicle inspected by your dealer.

Battery Goes Dead

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

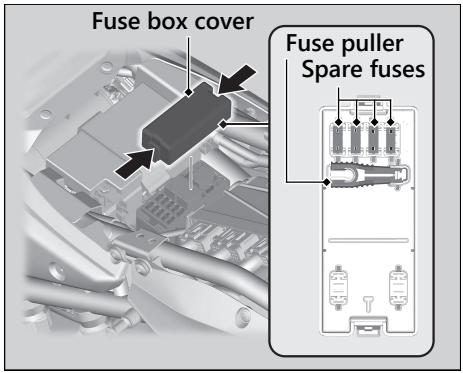
All light bulbs on the vehicle are LEDs. If there is an LED which is not turned on, see your dealer for servicing.

Blown Fuse

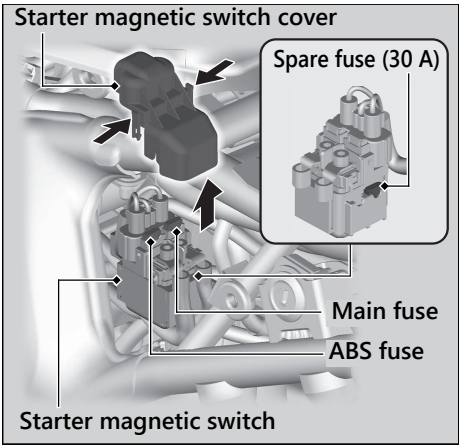
Before handling fuses, see "Inspecting and Replacing Fuses." P. 121

Fuse Box Fuses

1. Remove the seat. P. 134
2. Remove the fuse box cover.
3. Pull the fuses out one by one with the provided fuse puller and check for a blown fuse. Always replace a blown fuse with a spare fuse of the same rating.
4. Reinstall the fuse box cover.
5. Reinstall the seat.



Main Fuse & ABS Fuse



1. Remove the seat. P. 134
2. Remove the left side cover. P. 135
3. Disconnect the negative ⊖ terminal from the battery. P. 131
4. Remove the starter magnetic switch cover.
5. Pull the main fuse and ABS fuse out one by one and check for a blown fuse. Always replace a blown fuse with a spare fuse of the same rating.
6. Reinstall parts in the reverse order of removal.

NOTICE

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

Information

Service Diagnostic Recorders ..... P. 180
Keys ..... P. 181
Instruments, Controls, & Other Features ... P. 184
Caring for Your Vehicle ..... P. 188
Storing Your Vehicle ..... P. 192
Transporting Your Vehicle ..... P. 193
You & the Environment ..... P. 194
Vehicle Identification Number ..... P. 195
Emission Control Systems ..... P. 196
Catalytic Converter ..... P. 200
Oxygenated Fuels ..... P. 201
Authorized Manuals ..... P. 202
Warranty Coverage and Service ..... P. 203
Honda Contacts ..... P. 206
Reporting Safety Defects ..... P. 208

Service Diagnostic Recorders

Your vehicle is equipped with service-related devices that record information about powertrain performance and riding conditions. The data can be used to help technicians diagnose, repair and maintain the vehicle. This data may not be accessed by anyone else except as legally required or with the permission of the vehicle owner.
However, this data may be accessed by Honda, its authorized dealers and authorized repairers, employees, representatives, and contractors only for the purpose of the technical diagnosis, research, and development of the vehicle.

Keys

Honda SMART Key

The Honda SMART Key is equipped with a mechanical key.
Carrying the Honda SMART Key allows you to perform the following operations:

- Locking or unlocking the ignition switch.
- Locking or unlocking the steering.
- Opening the fuel fill cap.
- Remove the seat

The ID number of the Honda SMART Key is on the ID tag. You can also unlock the ignition switch by inputting the ID number.

Always carry the ID tag, but separate from the Honda SMART Key, to avoid losing all of them at the same time.

Also store a copy of your ID number and a key tag, in a safe place other than your vehicle.

The Honda SMART Key contains electronic circuits. If the circuits are damaged, the Honda SMART Key will not allow you to perform any operations.

- Do not drop the Honda SMART Key or set heavy objects on them.
- Protect the Honda SMART Key from direct sunlight, high temperature, and high humidity.
- Do not scratch or puncture.
- Do not store near any magnetized products such as a magnetized key chain.
- Always keep the Honda SMART Key away from electric appliances such as a TV, radio, PC or low-frequency massage device.
- Keep the Honda SMART Key away from liquids. If it gets wet, dry it immediately with a soft cloth.
- Keep the Honda SMART Key away from the vehicle while washing the vehicle.
- Do not burn.
- Do not wash in an ultrasonic cleaner.

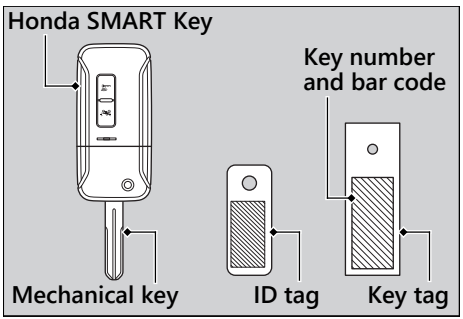
Continued

- If fuel, wax, or grease adhere to the Honda SMART Key, wipe it off immediately to avoid cracking or warping.
- Do not disassemble the Honda SMART Key other than when changing a battery. Only the cover of the Honda SMART Key can be disassembled. Do not disassemble other parts.
- Do not lose your Honda SMART Key. If you lose it, you will need to register a new Honda SMART Key. See your dealer with your ID tag for registration.

The battery in the Honda SMART Key system normally lasts about 2 years.

Do not keep mobile phones or other radio transmitting devices in any compartment. The radio frequency from the devices will interrupt the Honda SMART Key system.

To get an additional Honda SMART Key, take the Honda SMART Key and the vehicle to your dealer.



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 ignition switch 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 display remains at 999,999 when the odometer exceeds 999,999.

Tripmeter

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

Document Bag

The owner's manual, registration, and insurance information can be stored in the plastic document bag located on the reverse side of the seat. ➡P. 107

Ignition Cut-off System

IMU (Inertial Measurement Unit) sensor automatically stops the engine and fuel pump if the vehicle falls over. To reset the IMU, you must turn the ignition switch to the OFF position and back to the ON position before the engine can be restarted.

If a failure of the IMU is detected, the engine and fuel pump will not stop automatically when the vehicle falls over.

Assist-slipper Clutch System

The assist-slipper clutch system helps to prevent the rear tire from locking up when the deceleration of your vehicle produces a strong engine braking effect. It also makes the clutch lever operation feel lighter.

Use only MA classification engine oil for your vehicle. Using engine oil other than MA classification oil could result in damage to the assist-slipper clutch system.

Continued

Throttle by Wire System

This model is equipped with a Throttle by Wire System.

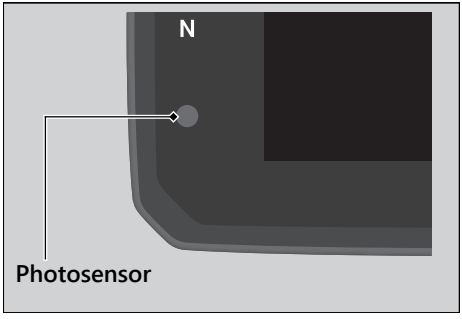
Do not put magnetized items or items susceptible to magnetic interference near the right handlebar switches.

Automatic Brightness Control

The backlight brightness and background color of the meter will be controlled automatically when "AUTO" is selected on the "BRIGHTNESS" and "BACKGROUND" settings. P. 50 P. 51

Ambient brightness is detected by the photosensor.

Do not damage or cover the photosensor. Otherwise, the automatic brightness control may not work properly.



Honda RoadSync

FCC ID NT8-SAB01

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) The device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Class B device notice

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

RF Exposure Safety

This device complies with the FCC RF exposure limits and has been evaluated in compliance with mobile exposure conditions.
The equipment must be installed and operated with minimum distance of 20 cm of the human body.

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, drums, or shoes contaminated with oil will suffer greatly reduced braking effectiveness and can lead to a crash.
5. Lubricate the drive chain immediately after washing and drying the vehicle.
6. 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 throttle body 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 under the seat 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.
    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.

Continued

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, brake fluid, or detergents on the instruments, panels, or headlight.

Exhaust Pipe and Muffler

The exhaust pipe and muffler are stainless steel but may become stained by mud or dust.

To remove mud or dust, use a wet sponge and a liquid kitchen abrasive, then rinse well with clean water. Dry with chamois or a soft towel.

If necessary, remove heat stains by using a commercially available fine texture compound. Then, rinse by the same manner as removing mud or dust.

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.

NOTICE

Even though the exhaust is made of stainless steel, it can become stained. Remove all marks and blemishes as soon as they are noticed.

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.
- Lubricate the drive chain. ➡ P. 123
- Place your vehicle on a maintenance 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. 131) 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.

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

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

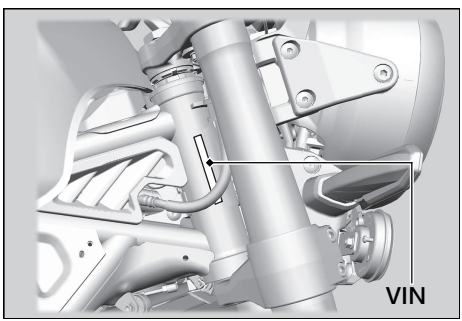
Use a biodegradable detergent when you wash your vehicle. Avoid aerosol spray cleaners that contain chlorofluorocarbons (CFCs) which damage the atmosphere's protective ozone layer.

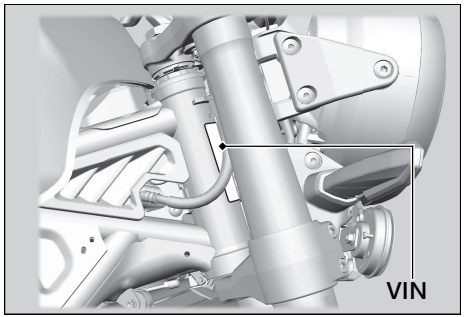
Recycle Wastes

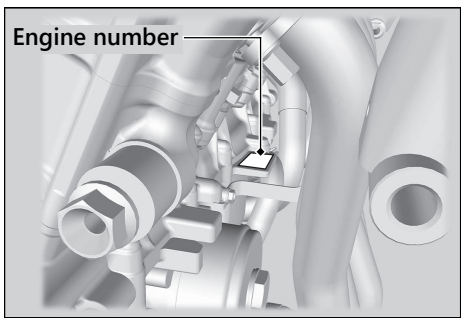
Put oil and other toxic wastes in approved containers and take them to a recycling center. Call your local or state office of public works or environmental services to find a recycling center in your area and to get instructions on how to dispose of non-recyclable wastes. Do not place used engine oil in the trash or pour it down a drain or on the ground. Used oil, gasoline, coolant, 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

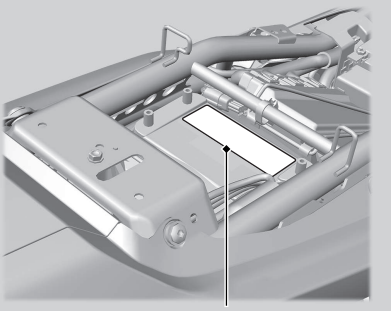
Your vehicle engine emits combustion byproducts, including carbon monoxide (CO), oxides of nitrogen (NOx), and hydrocarbons (HC). Gasoline evaporation also emits hydrocarbons. Controlling the production of NOx, CO, and HC is important for the environment.

Exhaust Emission Requirements

The U.S. Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) 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.

Compliance with the terms of the Distributor's Warranties for Honda Motorcycle Emission Control Systems is necessary in order to maintain a valid emissions system warranty.

The Vehicle Emission Control Information label is attached to the rear fender under the seat.



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 includes the following components that should not need adjustment, although periodic inspection by your dealer is recommended.

PGM-FI System

The PGM-FI (programmed fuel injection) system uses sequential multiport fuel injection, and is comprised of air intake, engine control, fuel control, and exhaust control subsystems. The engine control module (ECM) uses sensors to determine how much air enters the engine, and then controls how much fuel to inject.

Ignition Timing Control System

The ignition timing control system adjusts the ignition timing to reduce the amount of HC, CO, and NOx produced.

Secondary Air Injection System

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

Catalytic Converters

The exhaust system contains one or more catalytic converters. Catalytic converters use a catalyst to convert most of the harmful exhaust gas compounds into harmless compounds.

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 while the engine is off. The vapor is drawn into the engine and burned while riding.

Continued

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 housing and throttle body.

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 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.

Catalytic Converter

This vehicle is equipped with a three-way catalytic converter. The catalytic converter contains precious metals that serve as catalysts in high temperature chemical reactions that convert hydrocarbons (HC), carbon monoxide (CO), and oxides of nitrogen (NOx) in the exhaust gases into safe compounds.

A defective catalytic converter contributes to air pollution and can impair your engine's performance. A replacement unit must be an original Honda part or equivalent.

Follow these guidelines to protect your vehicle's catalytic converter:

- Always use unleaded gasoline. Leaded gasoline will damage the catalytic converter.
- Keep the engine in good running condition. A poorly running engine can cause the catalytic converter to overheat, causing damage to the converter or the vehicle.
- If your engine is misfiring, backfiring, stalling, or otherwise not running properly, stop riding and turn off the engine. Have your vehicle serviced as soon as possible.

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

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

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.

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.

Order online: 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
2026 CB1000F Service Manual
Common Service Manual (61CSM00)
Winter Storage Guide (S9507)
2026 CB1000F Owner's Manual

Warranty Coverage and Service

Coverage

Your new Honda is covered by the following warranties:

- Vehicle Limited Warranty
- Emission Control System Warranty
- 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.

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.

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*

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 and Honda Accessories that provide the same quality that went into your vehicle.

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

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*.

Main Components

Overall length	84.1 in (2,135 mm)
Overall width	32.9 in (835 mm)
Overall height	44.3 in (1,125 mm)
Wheelbase	57.3 in (1,455 mm)
Minimum ground clearance	5.3 in (135 mm)
Caster angle	25° 0′
Trail	3.9 in (98 mm)
Curb weight	472 lb (214 kg)
Maximum weight capacity *1	375 lb (170 kg)
Passenger capacity	Rider and 1 passenger
Minimum turning radius	9.2 ft (2.80 m)
Displacement	61.0 cu-in (1,000 cm^3)
Bore x stroke	2.99 x 2.17 in (76.0 x 55.1 mm)
Compression ratio	11.7 : 1
Fuel	Unleaded gasoline Recommended: 91 PON or higher
Tank capacity	4.23 US gal (16.0 L)
Battery	YTZ10S 12 V-8.6 Ah (10 HR)

Gear ratio	1st	2.642
	2nd	1.941
	3rd	1.583
	4th	1.333
	5th	1.137
	6th	0.967
Reduction ratio (primary / final)	1.717 / 2.812	

*1 : Including rider, passenger, all luggages, and accessories

Service Data

Tire size	Front	120/70ZR17M/C (58W)
	Rear	180/55ZR17M/C (73W)
Tire type		Radial, tubeless
Recommended tire	Front	DUNLOP Roadsport2 U
		BRIDGESTONE BATTLAX HYPERSPORT S22F BB
	Rear	DUNLOP Roadsport2 U
		BRIDGESTONE BATTLAX HYPERSPORT S22R BB
Tire air pressure	Front	36 psi (250 kPa, 2.50 kgf/cm^2)
	Rear	42 psi (290 kPa, 2.90 kgf/cm^2)
Minimum tread depth	Front	0.06 in (1.5 mm)
	Rear	0.08 in (2.0 mm)
Spark plug	(standard)	IMR9E-9HES (NGK) or VUH27ES (DENSO)
Spark plug gap	(non-adjustable)	0.03 - 0.04 in (0.8 - 0.9 mm)
Idle speed	(non-adjustable)	1,200 ± 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 MA, Pro Honda GN4 4-stroke oil (USA & Canada) or Honda 4-stroke oil, or an equivalent motorcycle oil	
Engine oil capacity	After draining	2.7 US qt (2.6 L)
	After draining & engine oil filter change	3.0 US qt (2.8 L)
	After disassembly	3.7 US qt (3.5 L)
Recommended brake fluid	Honda DOT 4 Brake Fluid	
Cooling system capacity	2.80 US qt (2.65 L)	
Recommended coolant	Pro Honda HP Coolant	
Recommended drive chain lubricant	Pro Honda HP Chain Lube or equivalent	
Drive chain slack	2 5/16 - 2 1/2 in (58 - 63 mm)	
Standard drive chain	RK525ROZ9	
	No. of links	120
Standard sprocket size	Drive sprocket	16T
	Driven sprocket	45T

Bulb

Headlight	LED
Brake light/Taillight	LED
Front turn signal/Position light	LED
Rear turn signal	LED
License plate light	LED

Fuse

Main fuse	30 A
Other fuse	30 A, 15 A, 10 A, 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.



31MLVA00
00X31-MLV-A000

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Printed in Japan