

## Brake System

### Parking Brake

Use the parking brake to keep the vehicle stationary when parked. When the parking brake is applied, you can manually or automatically release it.



#### ■ To apply


The electric parking brake can be applied any time the vehicle has battery, no matter which position the ignition switch\*1 is in.

Pull the electric parking brake switch up gently and securely.

- The electric parking brake indicator comes on.



#### ■ To release

The ignition switch must be ON \*1 in order to release the electric parking brake.

1. Depress the brake pedal.
2. Press the electric parking brake switch.

- The electric parking brake indicator goes off.

Manually releasing the parking brake using the switch helps your vehicle start slowly and smoothly when facing downhill on steep hills.

\*1: Models with the smart entry system have an **ENGINE START/STOP** button instead of an ignition switch.

### » Parking Brake

You may hear the electric parking brake system operating from the rear wheel area when you apply or release the parking brake. This is normal.

The brake pedal may slightly move due to the electric parking brake system operation when you apply or release the parking brake. This is normal.

You cannot apply or release the parking brake if the battery goes dead.

**If you pull up and hold the electric parking brake switch while driving, the brakes on all four wheels are applied by the VSA system until the vehicle comes to a stop. The electric parking brake then applies, and the switch should be released.**

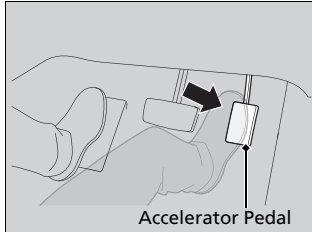
In the following situations, the parking brake automatically operates.

- When the vehicle stops with the automatic brake hold system activated for more than 10 minutes.
- When the driver's seat belt is unfastened while your vehicle is stopped and the brake hold system is applied.
- When the engine is turned off while the brake hold system is applied.
- When there is a problem with the brake hold system.

### ■ To release automatically

Use the accelerator pedal to release the brake when you are starting the vehicle facing uphill, or in a traffic jam.

Depressing the accelerator pedal releases the parking brake.



Gently depress the accelerator pedal. When on a hill, it may require more accelerator input to release.

- The electric parking brake indicator goes off.

### ⊠ Parking Brake

If the parking brake cannot be released automatically, release it manually.

When the vehicle is traveling uphill, the accelerator pedal may need to be pressed farther to automatically release the electric parking brake.

The parking brake cannot be released automatically while the following indicators are on:

- Malfunction indicator lamp
- Transmission indicator

The parking brake may not be released automatically while the following indicators are on:

- Electric parking brake system indicator
- VSA® system indicator
- **ABS** indicator
- Supplemental restraint system indicator

The parking brake is applied while the vehicle is moving with the electric parking brake switch being pulled.

You can release the parking brake automatically when:

- You are wearing the driver's seat belt.
- The engine is running.
- The transmission is not in **P** or **N**.

## ■ Foot Brake

Your vehicle is equipped with disc brakes at all four wheels. A vacuum power assist helps to reduce the effort needed on the brake pedal. The brake assist system increases the stopping force when you depress the brake pedal hard in an emergency situation. The anti-lock brake system (ABS) helps you retain steering control when braking very hard.

## ☒ Foot Brake

Check the brakes after driving through deep water, or if there is a buildup of road surface water. If necessary, dry the brakes by lightly depressing the pedal several times.

If you hear a continuous metallic friction sound when applying the brakes, this is caused by the brake wear indicator rubbing on the brake rotor and indicates that the brake pads need to be replaced. Have the vehicle checked by a dealer. If you hear only an occasional squeak or squeal when you initially apply the brake pedal, this may be normal and caused by high frequency vibration of the brake pads against the rotating brake disc.

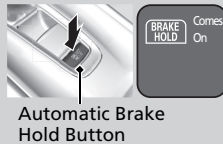
Constantly using the brake pedal while going down a long hill builds up heat, which reduces the brake effectiveness. Apply engine braking by taking your foot off the accelerator pedal and downshifting to a lower speed position.

Do not rest your foot on the brake pedal while driving, as it will lightly apply the brakes and cause them to lose effectiveness over time and reduce pad life. It will also confuse drivers behind you.

## ■ Automatic Brake Hold

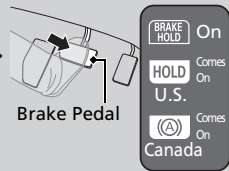
Keeps the brake applied after releasing the brake pedal until the accelerator pedal is pressed. You can use this system while the vehicle is temporarily stopped, like at traffic lights and in heavy traffic.

### ■ Turning on the system   ■ Activating the system   ■ Canceling the system



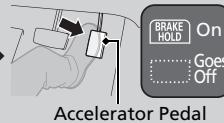
Fasten your seat belt properly, then start the engine. Press the automatic brake hold button.

- The automatic brake hold system indicator comes on. The system is turned on.



Depress the brake pedal to come to a complete stop. The shift lever must be in other than **P** or **R**.

- The automatic brake hold indicator comes on. Braking is kept for up to 10 minutes.
- Release the brake pedal after the automatic brake hold indicator comes on.



Depress the accelerator pedal while the shift lever is in other than **P** or **N**. The system is canceled and the vehicle starts to move.

- The automatic brake hold indicator goes off. The system releases the brake automatically.

### ⚠ Automatic Brake Hold

## ⚠ WARNING

Activating the automatic brake hold system on steep hills or slippery roads may still allow the vehicle to move if you remove your foot from the brake pedal.

If a vehicle unexpectedly moves, it may cause a crash resulting in serious injury or death.

Never activate the automatic brake hold system or rely on it to keep a vehicle from moving when stopped on a steep hill or slippery roads.

## ⚠ WARNING

Using the automatic brake hold system to park the vehicle may result in the vehicle unexpectedly moving.

If a vehicle moves unexpectedly, it may cause a crash, resulting in serious injury or death.

Never leave the vehicle when braking is temporarily kept by automatic brake hold and always park the vehicle by putting the transmission in **P** and applying the parking brake.

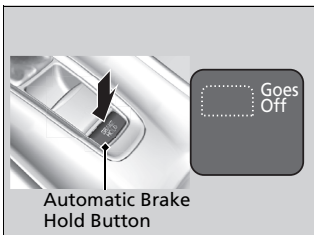
■ **The system automatically cancels when:**

- You engage the parking brake.
- You depress the brake pedal and move the shift lever to **[P]** or **[R]**.

■ **The system automatically cancels and the parking brake is applied when:**

- Braking is kept for more than 10 minutes.
- The driver's seat belt is unfastened.
- The engine is turned off.
- There is a problem with automatic brake hold system.

■ **Turning off the automatic brake hold system**



While the system is on, press the automatic brake hold button again.

- The automatic brake hold system indicator goes off.

If you want to turn off automatic brake hold while the system is in operation, press the automatic brake hold button with the brake pedal depressed.

⌘ **Automatic Brake Hold**

While the system is activated, you can turn off the engine or park the vehicle through the same procedure as you normally do.

Whether the system is on, or the system is activated, the automatic brake hold turns off once the engine is off.

⌘ **Turning on the system**

Make sure to turn off the automatic brake hold system before using an automated car wash.

You may hear an operating noise if the vehicle moves while the automatic brake hold system is in operation. The system generates sound while holding the vehicle and it moves.