Honda Sensing®

A driver support system which employs the use of two distinctly different kinds of sensors, a radar sensor located in the front grille and a front sensor camera mounted to the interior side of the windshield, behind the rearview mirror.

The camera is located behind the rearview mirror.

Front Sensor Camera

These are the components of Honda Sensing®:

Adaptive Cruise Control (ACC): Helps maintain a constant vehicle speed and a set following interval behind a vehicle detected ahead of yours, without you having to keep your foot on the brake or the accelerator.

Radar Sensor

The radar sensor is behind the emblem.

Lane Keeping Assist System (LKAS): Provides steering input to help keep the vehicle in the middle of a detected lane and provides tactile and visual alerts if the vehicle is detected drifting out of its lane.

Road Departure Mitigation (RDM) System: Alerts and helps to assist you when the system detects a possibility of your vehicle unintentionally crossing over detected lane markings and/or leaving the roadway altogether.

Collision Mitigation Braking System™ (CMBS™): Can assist you when there is a possibility of your vehicle colliding with a vehicle or a pedestrian detected in front of yours. The CMBS™ is designed to alert you when a potential collision is determined, as well as to reduce your vehicle speed to help minimize collision severity when a collision is deemed unavoidable.

Adaptive Cruise Control (ACC)

Helps maintain a constant vehicle speed and a set following interval behind a vehicle detected ahead of yours . When the vehicle ahead changes speed, ACC senses the change and accelerates or decelerates to maintain a set interval.
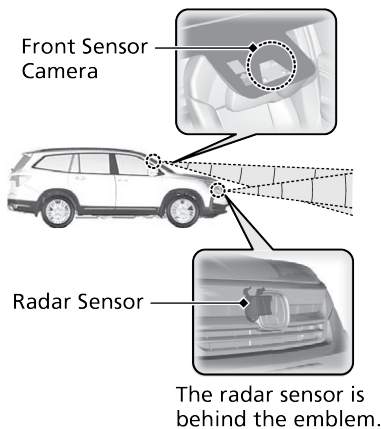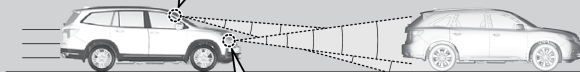
When to use

The camera is located behind the rearview mirror.

The radar sensor is behind the emblem.

- Vehicle speed for adaptive cruise control: Desired speed in a range above roughly 25 mph (40 km/h) ~
- Gear positions for adaptive cruise control: In D or S *

Adaptive cruise control is not available when Snow, Mud[*1] or Sand[*1] is selected for Intelligent Traction Management (see Intelligent Traction Management System.
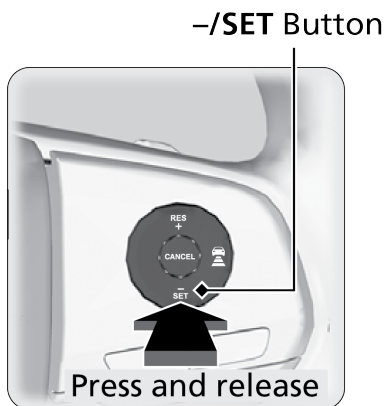
■ **Activating and Setting the Vehicle Speed**

1. Press the MAIN button. The ACC indicator appears in the driver information interface.

RES
+
CANCEL
−
SET

MAIN

*1 - If equipped

2. Accelerate to the desired speed (above 25 mph/40 km/h). Take your foot off the pedal and press the SET/- button to set the speed.

–/**SET** Button

Press and release

■ **Adjusting the Vehicle Speed**

Press the RES/+ button to increase speed or the SET/- button to decrease speed. Each time you press the button, the vehicle speed is increased or decreased by about 1 mph (1.6 km/h). If you keep the button pressed, the vehicle speed increases or decreases by 5 mph or 5 km/h until you release it.

To increase speed

To decrease speed
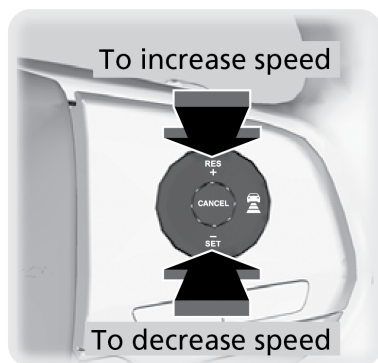
■ **Adjusting the Vehicle Distance**

Press the Interval button to change the following interval. Each time you press the button, the setting cycles through extra long, long, middle, and short.

Interval Button
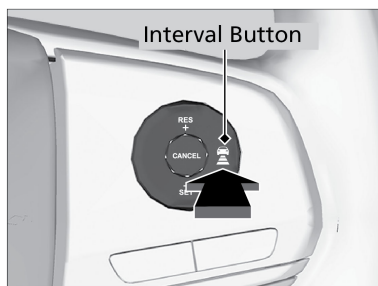
■ **During Operation**

If a vehicle is detected ahead of you when ACC is turned on, the system maintains, accelerates, or decelerates your vehicle's set speed to keep the vehicle's set following interval from the vehicle ahead.

If a vehicle detected ahead of you slows down abruptly, or if another vehicle cuts in front of you, a beep sounds and BRAKE appears on the driver information interface to alert you .

Beep
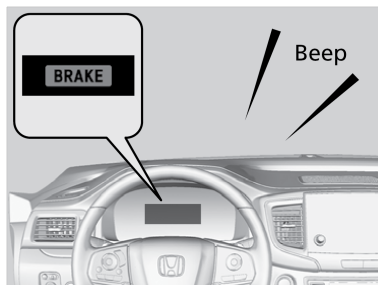
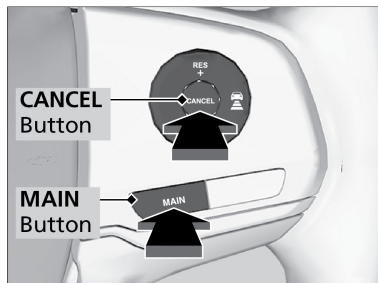### ⚠ WARNING

ACC has limited braking capability.

When your vehicle speed drops below 22 mph (35 km/h), ACC will automatically cancel and no longer will apply your vehicle's brakes.

Always be prepared to apply the brake pedal when conditions require.

■ **Canceling ACC**

You can press the CANCEL button, MAIN button or the brake pedal. The ACC indicator goes off.

Certain conditions may cause ACC to cancel automatically. When this happens, a beep sounds and a message appears on the driver information interface.

CANCEL Button

MAIN Button

⚠ WARNING

Improper use of ACC can lead to a crash.

Use ACC only when traveling on open highways in good weather.

■ **Switching to Standard Cruise Control**

Press and hold the Interval button for one second.

Cruise Mode Selected appears in the driver information interface for two seconds, and then the mode switches to Cruise.. Press and hold the interval button again to switch back to ACC . **ACC Mode Selected** appears on the driver information interface display for two seconds.