

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.

These are the components of Honda Sensing®:

Adaptive Cruise Control with Low Speed Follow (ACC with Low Speed Follow): Helps maintain a constant vehicle speed and a set following-interval behind a vehicle detected ahead of yours and, if the detected vehicle comes to a stop, can decelerate and stop your vehicle, without you having to keep your foot on the brake or the accelerator.

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.

Traffic Sign Recognition System: Reminds you of road sign information, such as the current speed limit your vehicle has just passed through, showing it on the driver information interface.

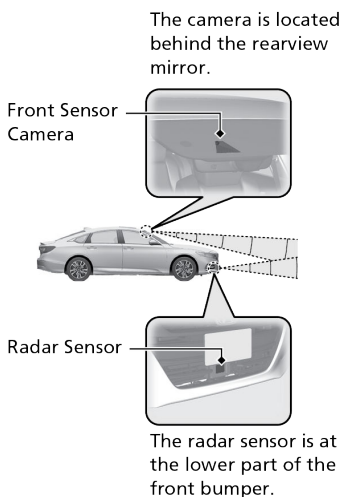
Collision Mitigation Braking System™ (CMBS™): Can assist you when there is a possibility of your vehicle colliding with a vehicle or a pedestrian detected in front of yours. The CMBS™ is designed to alert you when a potential collision is determined, as well as to reduce your vehicle speed to help minimize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

■ "Some Driver Systems Cannot Operate" Information Message

Honda Sensing® is deactivated and this message appears when:

Anything covers the radar sensor cover or the area around the front sensor camera preventing detection of a vehicle in front. May appear when driving in bad weather (rain, snow, fog, etc.).

- Stop your vehicle in a safe place and clear the area using a soft cloth.

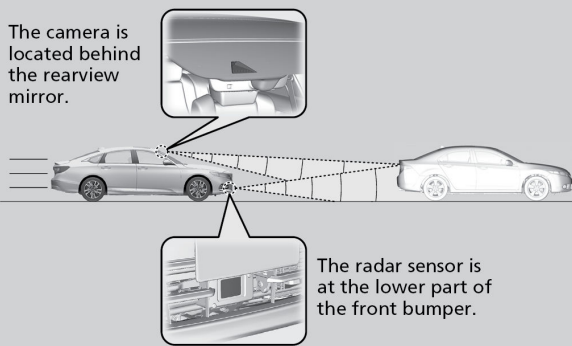


- Have your vehicle checked by a dealer if the message does not disappear even after you clean the area.

Adaptive Cruise Control (ACC) with Low Speed Follow (LSF)

Helps maintain a constant vehicle speed and a set following interval behind a vehicle detected ahead of yours and, if the detected vehicle comes to a stop, can decelerate and stop your vehicle, without you having to keep your foot on the brake or the accelerator. When ACC with LSF slows your vehicle by applying the brakes, your vehicle's brake lights will illuminate.

When to use

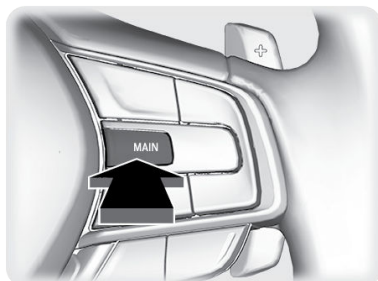


- **Vehicle speed for ACC with LSF:** **A vehicle is detected ahead within ACC with LSF range** – ACC with LSF operates at speeds up to 90 mph (145 km/h).
No vehicle is detected within ACC with LSF range – ACC with LSF operates at the speed of 25 mph (40 km/h) or above.
- **Shift position for ACC with LSF:** In **D**.

■ Activating and Setting the Vehicle Speed

1. Press the **MAIN** button. The ACC indicator appears in the multi-information display.

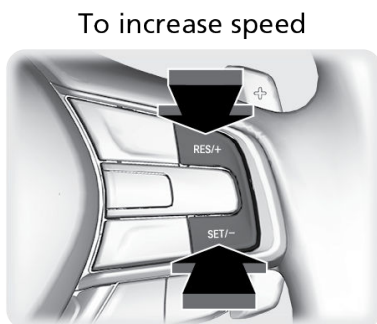
- Press the **MAIN** button on the steering wheel.



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

■ 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.

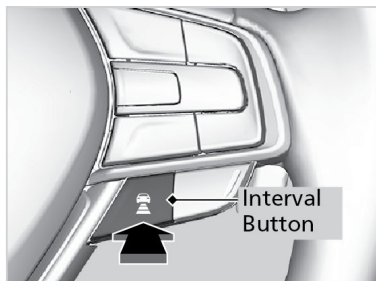


To increase speed

To decrease speed

■ Adjusting the Vehicle Distance

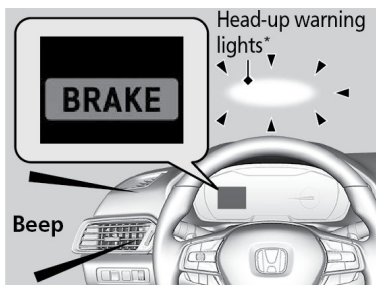
Press the Interval button to change the following interval. Each time you press the button, the setting cycles through extra long, long, middle, and short.



■ 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



* Not available on all models

sounds and BRAKE appears on the driver information interface to alert you .

⚠ WARNING

ACC has limited braking capability.

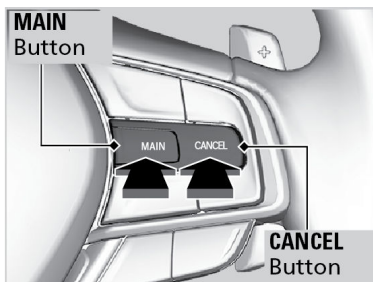
When your vehicle speed drops below 22 mph (35 km/h), ACC will automatically cancel and no longer will apply your vehicle's brakes.

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 with Low Speed Follow indicator goes off.

Certain conditions may cause ACC to cancel automatically. When this happens, appears on the driver information interface.



⚠ WARNING

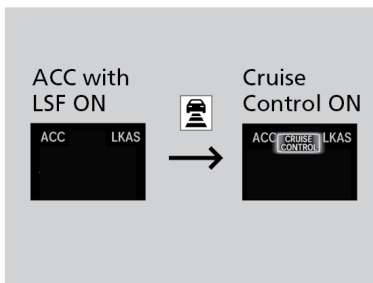
Improper use of ACC can lead to a crash.

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 with Low Speed Follow. **ACC Mode Selected** appears on the driver information interface display for two seconds.



Lane Keeping Assist System (LKAS)

Provides steering input to help keep the vehicle in the middle of a detected lane and provides audible and visual alerts if the vehicle is detected drifting out of its lane while driving between 45–90 mph (72–145 km/h).

■ Steering input assist

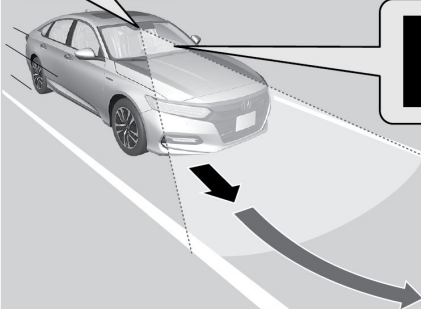
The system applies torque to the steering to keep the vehicle between the left and right lane lines. The applied torque becomes stronger as the vehicle gets closer to either of the lane lines.



■ Front Sensor Camera
Monitors the lane lines.

■ Tactile and visual alerts

Rapid vibrations on the steering wheel and a warning display alert you that the vehicle is drifting out of a detected lane.

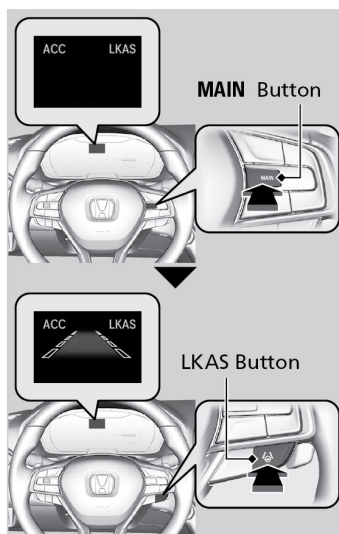


When you operate the turn signals to change lanes, the system is suspended, and resumes after the signals are off.

If you make a lane change without operating the turn signals, the LKAS alerts activate, and torque is applied to the steering.

■ Turning the System On or Off

1. Press the MAIN button. LKAS appears in the driver information interface.
2. Press the LKAS button. Lane outlines appear in the driver information interface. Dotted lane lines turn solid when the system activates.
3. Press the MAIN button or the LKAS button to turn the system off.



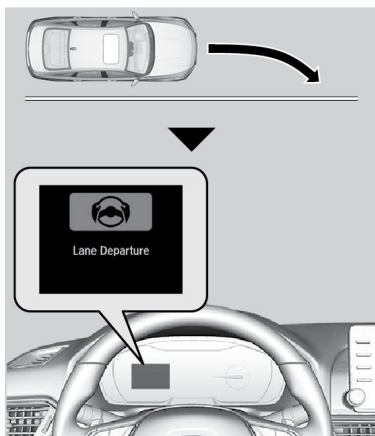
■ Important Safety Reminder

LKAS is for your convenience only. It is not a substitute for your vehicle control. The system does not work if you take your hands off the steering wheel or fail to steer the vehicle.

Do not place an object on the top of the instrument panel. It may reflect onto the windshield and prevent the system from detecting lane lines properly.

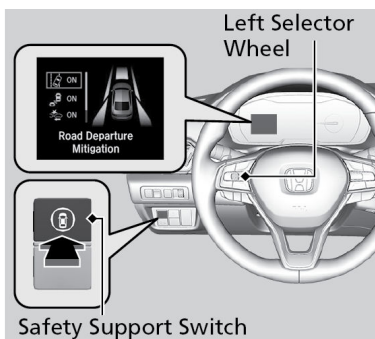
Road Departure Mitigation (RDM)

Alerts and helps to assist you if the system determines a possibility of your vehicle unintentionally crossing over detected lane markings and/or leaving the roadway altogether while driving between 45-90 mph (72-145km/h).



■ Turning the System On or Off

Press the RDM button to turn the system on or off. A green indicator appears on the button when the system is on.



■ Changing Settings

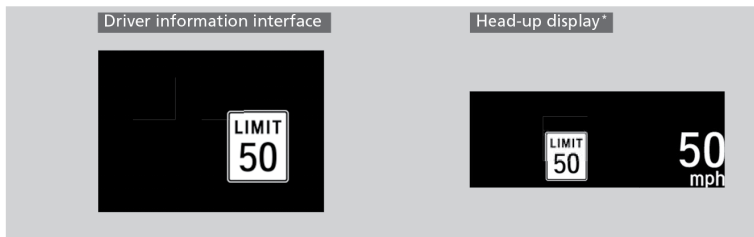
1. From the HOME screen, select Settings.
2. Select Vehicle.
3. Select Driver Assist System Setup.
4. Select Road Departure Mitigation Setting.
5. Select from the options.

■ Important Safety Reminder

The RDM system has limitations. Over-reliance on it may result in a collision. It is always your responsibility to keep your vehicle within the driving lane.

Traffic Sign Recognition System

Reminds you of road sign information, such as the current speed limit your vehicle has just passed through, showing it on the driver information interface.



* Not available on all models

How the System Works:

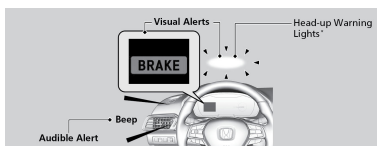
When the camera located behind the rearview mirror captures traffic signs while driving, the system displays the ones that are recognized as designated for your vehicle. The sign icon will be displayed until the vehicle reaches a predetermined time and distance.

Limitations:

- Headlight lenses are dirty or the headlights are not properly adjusted.
- The outside of the windshield is blocked by dirt, mud, leaves, wet snow, etc.
- The inside of the windshield is fogged.
- There are portions remaining to be wiped.

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.



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■ Alert Stages

The system has three alert stages for a possible collision. Depending on the circumstances or CMBS™ settings, CMBS™ may not go through all of the stages before initiating the last stage.

Stage 1: Visual and audible warning.

Stage 2: Visual and audible warning, light brake application.

Stage 3: Visual and audible warning, strong brake application.

■ Changing Settings

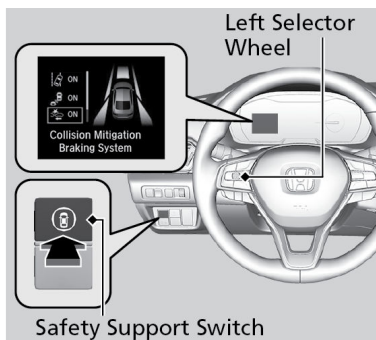
1. From the HOME screen, select Settings.
2. Select Vehicle Settings. Then select Driver Assist.
3. Select Forward Collision Warning Distance.

■ Turning the System On or Off

When you turn the CMBS™ on and off, do the following.

1. Press the safety support switch.
2. Roll the left selector wheel to the CMBS™ symbol and select it.

A beep sounds and a message appears in the Driver Information Interface.



■ Important Safety Reminder

CMBS is designed to reduce the severity of an unavoidable collision. It does not prevent collisions nor stop the vehicle automatically. It is still your responsibility to operate the brake pedal and steering wheel appropriately according to the driving conditions.