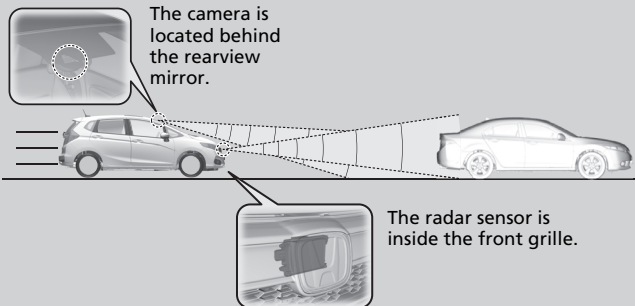


Adaptive Cruise Control (ACC)*

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.

When to use



■ Vehicle speed for ACC: Desired speed in a range above roughly 25 mph (40 km/h) ~

Continuously variable transmission models

■ Shift position for ACC: In **D** or **S**

Manual transmission models

■ Shift position for ACC: In **2** or higher position

Adaptive Cruise Control (ACC)*

⚠ WARNING

Improper use of ACC can lead to a crash.

Use ACC only when driving on expressways or freeways in good weather conditions.

⚠ 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.

Important Reminder

As with any system, there are limits to ACC. Use the brake pedal whenever necessary, and always keep a safe interval between your vehicle and other vehicles.

Be careful not to severely impact the radar sensor cover.

Manual transmission models

Shift up when the engine revolutions is increasing. Shift down when the engine revolutions is decreasing. You can keep the set speed if you change the shift position within five second after depressing the shift pedal.

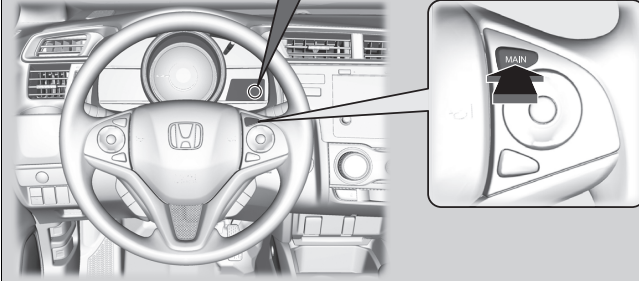
■ How to activate the system

How to use

ACC is on in the multi-information display. ACC is ready to use.

ACC

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



▶ Adaptive Cruise Control (ACC)*

You can read about handling information for the camera equipped with this system.

The radar sensor for ACC is shared with the collision mitigation braking system™ (CMBS™)

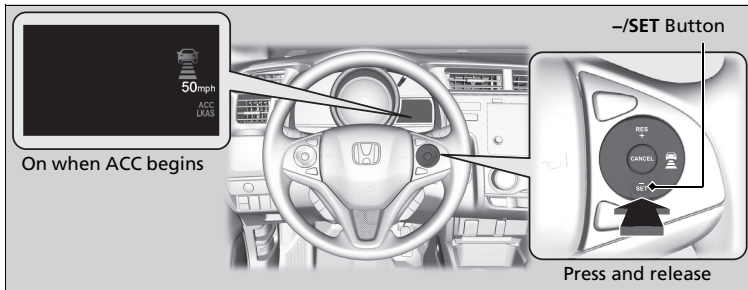
When not using ACC: Turn off adaptive cruise by pressing the **MAIN** button. This also will turn off the Lane Keeping Assist System (LKAS).

When the **MAIN** button is pressed both ACC and the Lane Keeping Assist System (LKAS) are either turned on or off.

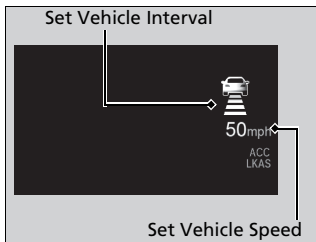
ACC may not work properly under certain conditions. Do not use ACC under the following conditions:

- On roads with heavy traffic or while driving in continuous stop and go traffic.
- On roads with sharp turns.
- On roads with steep downhill sections, as the set vehicle speed can be exceeded by coasting. In such cases, ACC will not apply the brakes to maintain the set speed.
- On roads with toll collection facilities or other objects between lanes of traffic, or in parking areas, or facilities with drive through access.

To Set the Vehicle Speed



Take your foot off the pedal and press down the **-/SET** button when you reach the desired speed. The moment you release the button, the set speed is fixed, and ACC begins.



When ACC starts operating, the vehicle icon, interval bars and set speed appear on the multi-information display.

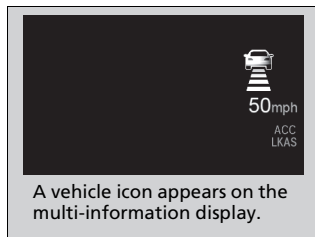
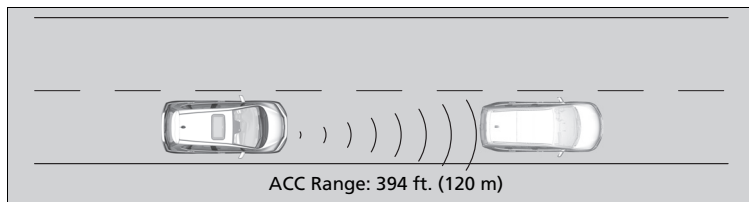
To Set the Vehicle Speed

You can switch the displayed set speed measurements on the multi-information display between mph and km/h.

■ When in Operation

■ There is a vehicle ahead

ACC monitors if a vehicle ahead of you enters the ACC range. If a vehicle is detected doing so, the ACC system maintains or decelerates your vehicle's set speed in order to keep the vehicle's set following-interval from the vehicle ahead.

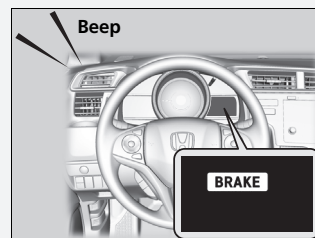


When a vehicle whose speed is slower than your set speed comes in or cuts in front of you, your vehicle starts to slow down.

☒ When in Operation

If the vehicle detected ahead of you slows down abruptly, or if another vehicle is detected cutting in front of you, the beeper sounds and a message appears on the multi-information display.

Depress the brake pedal, and keep an appropriate interval from the vehicle ahead.



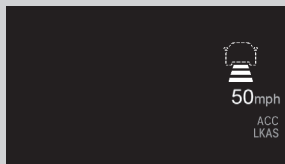
Even if the interval between your vehicle and the vehicle detected ahead is short, ACC may start accelerating your vehicle under the following circumstances:

- The vehicle ahead of you is going at almost the same speed as, or faster than, your vehicle.
- A vehicle that cuts in front of you is going faster than your vehicle, gradually increasing the interval between the vehicles.

You can also set the system to beep when a vehicle in front of you comes in and goes out of the ACC detecting range. Change the **ACC Forward Vehicle Detect Beep** setting.

* Not available on all models

■ There is no vehicle ahead



A vehicle icon with dotted-line contour appears on the multi-information display.

Your vehicle maintains the set speed without having to keep your foot on the brake or accelerator pedal.

If there previously was a vehicle detected ahead that kept your vehicle from traveling at the set speed, ACC accelerates your vehicle to the set speed, and then maintains it.

■ When you depress the accelerator pedal

You can temporarily increase the vehicle speed. In this case, there is no audible or visual alert even if a vehicle is in the ACC range.

ACC stays on unless you cancel it. Once you release the accelerator pedal, the system resumes an appropriate speed for keeping the following-interval while a vehicle ahead is within the ACC range.

⌘ When in Operation

Limitations

You may need to use the brake to maintain a safe interval when using ACC. Additionally, ACC may not work properly under certain conditions.

■ ACC Conditions and Limitations

The system may automatically shut off and the **ACC** indicator will come on under certain conditions. Some examples of these conditions are listed below. Other conditions may reduce some of the ACC functions.

■ Environmental conditions

- Driving in bad weather (rain, fog, snow, etc.).

■ Roadway conditions

- Driving on a snowy or wet roadway (obscured lane marking, vehicle tracks, reflected lights, road spray, high contrast).

■ Vehicle conditions

- The outside of the windshield is blocked by dirt, mud, leaves, wet snow, etc.
- An abnormal tire or wheel condition (Wrong sized, varied size or construction, improperly inflated, compact spare tire, etc.).
- The camera temperature gets too high.
- The parking brake is applied.
- When the radar sensor cover is dirty.
- The vehicle is tilted due to a heavy load or suspension modifications.
- When tire chains are installed.

▣ ACC Conditions and Limitations

The radar sensor for ACC is shared with the collision mitigation braking system™ (CMBS™).

You can read about handling information for the camera equipped with this system.

Always keep the radar sensor cover clean.

Never use chemical solvents or polishing powder for cleaning the sensor cover. Clean it with water or a mild detergent.

Do not put a sticker on the radar sensor cover or replace the radar sensor cover.

If you need the radar sensor to be repaired, or removed, or the radar sensor cover is strongly impacted, turn off the system by pressing the **MAIN** button and take your vehicle to a dealer.

Have your vehicle checked by a dealer if you find any unusual behavior of the system (e.g., the warning message appears too frequently).

If the front of the vehicle is impacted in any of the following situations, the radar sensor may not work properly. Have your vehicle checked by a dealer:

- The vehicle mounted onto a bump, curb, chock, embankment, etc.
- You drive the vehicle where the water is deep.
- Your vehicle has a frontal collision.

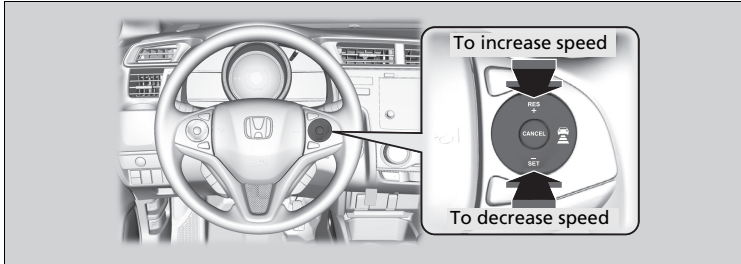
* Not available on all models

■ **Detection limitations**

- A vehicle suddenly crosses in front of you.
- The interval between your vehicle and the vehicle ahead of you is too short.
- A vehicle cuts in front of you at a slow speed, and it brakes suddenly.
- When you accelerate rapidly and approach the vehicle ahead of you at high speed.
- The vehicle ahead of you is a motorcycle, bicycle, mobility scooter, or other small vehicle.
- When there are animals in front of your vehicle.
- When you drive on a curved or winding or undulating road that makes it difficult for the sensor to properly detect a vehicle in front of you.
- The speed difference between your vehicle and a vehicle in front of you is significantly large.
- An oncoming vehicle suddenly comes in front of you.
- Your vehicle abruptly crosses over in front of an oncoming vehicle.
- When driving through a narrow iron bridge.
- When the vehicle ahead of you brakes suddenly.
- When the vehicle ahead of you has a unique shape.
- When your vehicle or the vehicle ahead of you is driving on one edge of the lane.

■ To Adjust the Vehicle Speed

Increase or decrease the vehicle speed using the **RES/+** or **-/SET** buttons on the steering wheel.

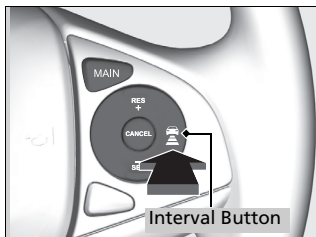



- Each time you press the **RES/+** or **-/SET** button, the vehicle speed is increased or decreased by about 1 mph or 1 km/h accordingly.
- If you press and hold the **RES/+** or **-/SET** button, the vehicle speed increases or decreases by about 5 mph or 5 km/h accordingly.

▣ To Adjust the Vehicle Speed

If a vehicle detected ahead is going at a speed slower than your increased set speed, ACC may not accelerate your vehicle. This is to maintain the set interval between your vehicle and the vehicle ahead.

To Set or Change Following-interval







Press the  (interval) button to change the ACC following-interval.

Each time you press the button, the following-interval (the interval behind a vehicle detected ahead of you) setting cycles through short, middle, long, and extra long following-intervals.

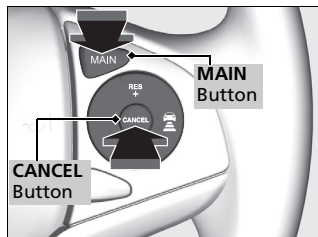
Determine the most appropriate following-interval setting based on your specific driving conditions. Be sure to adhere to any following-interval requirements set by local regulation.

The higher your vehicle's following-speed is, the longer the short, middle, long or extra long following-interval becomes. See the following examples for your reference.

Vehicle Interval		When the Set Speed is:	
		50 mph (80 km/h)	65 mph (104 km/h)
Short		84 feet 26 meters 1.1 sec	102 feet 31 meters 1.1 sec
Middle		111 feet 34 meters 1.5 sec	139 feet 43 meters 1.5 sec
Long		155 feet 48 meters 2.1 sec	202 feet 62 meters 2.1 sec
Extra Long		204 feet 62 meters 2.8 sec	265 feet 81 meters 2.8 sec

* Not available on all models

To Cancel



To cancel ACC, do any of the following:

- Press the **CANCEL** button.
- Press the **MAIN** button.
 - ▶ The **ACC** indicator (green) goes off.
- Depress the brake pedal.

Manual transmission models

- Depress the clutch pedal for five seconds or more.

⌘ To Cancel

Resuming the prior set speed: After you have canceled ACC, you can resume the prior set speed while it is still displayed. Press the **RES/+** button when driving at a speed of at least 25 mph (40 km/h) or more.

The set speed cannot be set or resumed when ACC has been turned off using the **MAIN** button. Press the **MAIN** button to activate the system, then set the desired speed.

■ Automatic cancellation

The beeper sounds and a message appears on the multi-information display when ACC is automatically canceled. Any of these conditions may cause the ACC to automatically cancel:

- Bad weather (rain, fog, snow, etc.)
- When the radar sensor inside the front grille gets dirty.
- The vehicle ahead of you cannot be detected.
- An abnormal tire condition is detected, or the tires are skidding.
- Driving on a mountainous road, or driving off road for extended periods.
- Abrupt steering wheel movement.
- When the ABS, VSA® or CMBS™ is activated.
- When the ABS or VSA® system indicator comes on.
- When you manually apply the parking brake.
- When the detected vehicle within the ACC range is too close to your vehicle.
- The camera behind the rearview mirror, or the area around the camera, including the windshield, gets dirty.

Models with manual transmission

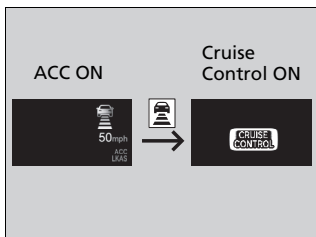
- When you do not shift down about for ten seconds after the shift down indicator coming on
- When the engine speed reaches the tachometer's red zone
- When the engine speed reaches 1,000 rpm or less
- When you keep **N** while driving
- When you put the transmission into **N** without depressing the clutch pedal



* Not available on all models

⌘ Automatic cancellation

Even though ACC has been automatically canceled, you can still resume the prior set speed. Wait until the condition that caused ACC to cancel improves, then press the **RES/+** button.

To Switch ACC to Cruise Control



Press and hold the  (interval) button for one second. **Cruise Mode Selected** appears on the multi-information display for two seconds, and then the mode switches to Cruise and the Cruise Mode indicator is displayed. To switch back to ACC, press and hold the  button again for one second. **ACC Mode Selected** appears on the multi-information display for two seconds.

■ When to use

Desired speed in a range above roughly 25 mph (40 km/h) ~.

To Set the Vehicle Speed

Take your foot off the pedal and press the **-/SET** button when you reach the desired speed. The moment you release the **-/SET** button, the set speed is fixed, and cruise control begins. The **CRUISE CONTROL** indicator comes on.

To Adjust the Vehicle Speed

Each time you press the **RES/+** or **-/SET** button, the vehicle speed is increased or decreased by about 1 mph (1 km/h). If you keep the **RES/+** or **-/SET** button pressed, the vehicle speed increases or decreases by about 5 mph or 5 km/h accordingly.

⊗ To Switch ACC to Cruise Control

Always be aware which mode you are in. When you are driving in Cruise mode, the system will not assist you to maintain a following-interval from a vehicle ahead of you.

* Not available on all models

■ To Cancel

To cancel cruise control, do any of the following:

- Press the **CANCEL** button.
- Press the **MAIN** button.
- Depress the brake pedal.

Manual transmission models

- Depress the clutch pedal for five seconds or more.
- The **CRUISE CONTROL** indicator goes off.

☒ To Cancel

Resuming the prior set speed:

After cruise control has been canceled, you can still resume the prior set speed by pressing the **RES/+** button while driving at a speed of at least 25 mph (40 km/h) or more.

You cannot set or resume in the following situations:

- When vehicle speed is less than 25 mph (40 km/h)
- When the **MAIN** button is turned off.

At vehicle speeds of 22 mph (35 km/h) or less, cruise control canceled automatically.

* Not available on all models