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.

**Dashboard Panel**

When to use

The camera is located behind the rearview mirror.

The radar sensor is in the front grille.

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

**WARNING**

Improper use of ACC can lead to a crash.

Use ACC only when driving on expressways or freeways and 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.

* Not available on all models
How to activate the system

**How to use**

ACC is on in the multi-information display. Adaptive cruise control is ready to use. Press the MAIN button on the steering wheel.

**Adaptive Cruise Control (ACC)**

**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.

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

- **Front Sensor Camera**

For directions on the proper handling of the radar sensor, refer to the following page.

- **Radar Sensor**

* Not available on all models
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Adaptive Cruise Control (ACC)

Driving

Take your foot off the pedal and press down the \(-/\text{SET}\) 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

1. Take your foot off the pedal and press down the \(-/\text{SET}\) button when you reach the desired speed. The moment you release the button, the set speed is fixed, and ACC begins.

2. Press and release the \(-/\text{SET}\) button to raise or lower the set speed.

ACC Conditions and Limitations

ACC may not work properly under certain 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.

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

When the \text{MAIN} button is pressed, both ACC and the Lane Keeping Assist System (LKAS) are either turned on or off.

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.

* Not available on all models
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.

ACC Range: 394 ft. (120 m)

A vehicle icon appears on the multi-information display.

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

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■ There is no vehicle ahead

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

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.

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

* Not available on all models
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.

■ Front Sensor Camera

■ 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 front grille is dirty.
• The vehicle is tilted due to a heavy load or suspension modifications.
• When tire chains are installed.

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**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.

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- 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.

* Not available on all models
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 button, the vehicle speed is increased or decreased by about 1 mph or 1 km/h accordingly.
- If you keep the button pressed, the vehicle speed increases or decreases by about 5 mph or 5 km/h accordingly.

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.

* Not available on all models

Honda Sensing® Adaptive Cruise Control (ACC)
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.

<table>
<thead>
<tr>
<th>Vehicle Interval</th>
<th>When the Set Speed is:</th>
<th>50 mph (80 km/h)</th>
<th>65 mph (104 km/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short</td>
<td></td>
<td>86.7 feet</td>
<td>100.5 feet</td>
</tr>
<tr>
<td></td>
<td></td>
<td>26.4 meters</td>
<td>30.6 meters</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.2 sec</td>
<td>1.1 sec</td>
</tr>
<tr>
<td>Middle</td>
<td></td>
<td>112.9 feet</td>
<td>137.4 feet</td>
</tr>
<tr>
<td></td>
<td></td>
<td>34.4 meters</td>
<td>41.9 meters</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.5 sec</td>
<td>1.5 sec</td>
</tr>
<tr>
<td>Long</td>
<td></td>
<td>157.2 feet</td>
<td>200.0 feet</td>
</tr>
<tr>
<td></td>
<td></td>
<td>47.9 meters</td>
<td>61.0 meters</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.2 sec</td>
<td>2.1 sec</td>
</tr>
<tr>
<td>Extra Long</td>
<td></td>
<td>220.2 feet</td>
<td>282.7 feet</td>
</tr>
<tr>
<td></td>
<td></td>
<td>67.1 meters</td>
<td>86.2 meters</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.0 sec</td>
<td>3.0 sec</td>
</tr>
</tbody>
</table>

* Not available on all models
### To Cancel

To cancel ACC, do any of the following:
- Press the **CANCEL** button.
- Press the **MAIN** button. ▶ ACC indicator (green) goes off.
- Depress the brake pedal.

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

* Not available on all models

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**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**

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.
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**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. To switch back to ACC, press and hold the (interval) 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) 📈

* Not available on all models

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.
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Adaptive Cruise Control (ACC)

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 Cancel
To cancel cruise control, do any of the following:
• Press the CANCEL button.
• Press the MAIN button.
• Depress the brake pedal.
The CRUISE CONTROL indicator goes off.

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