

Auto Idle Stop

To help maximize fuel economy, the engine automatically stops when the vehicle comes to a stop, depending on environmental and vehicle operating conditions. The indicator (green) comes on at this time.

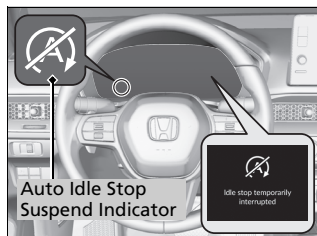


The environmental and vehicle conditions that impact Auto Idle Stop system operation are varied.

✎ **Auto Idle Stop Activates When:** P. 455

The engine then restarts once the vehicle is about to move again, and the indicator (green) goes off.

✎ **The Engine Automatically Restarts When:** P. 457



The Auto Idle Stop suspend indicator comes on and a message appears on the gauge when the Auto Idle Stop system cannot be activated.

✎ **Indicators** P. 88

If the driver's door is opened while the indicator (green) comes on, a buzzer sounds to notify you that the Auto Idle Stop function is in operation.

A message associated with Auto Idle Stop appears on the driver information interface.

✎ Auto Idle Stop

The 12-volt battery installed in this vehicle is specifically designed for a model with Auto Idle Stop. Using a 12-volt battery other than this specified type may shorten the 12-volt battery life, and prevent Auto Idle Stop from activating. If you need to replace the 12-volt battery, make sure to select the specified type. Ask a dealer for more details.

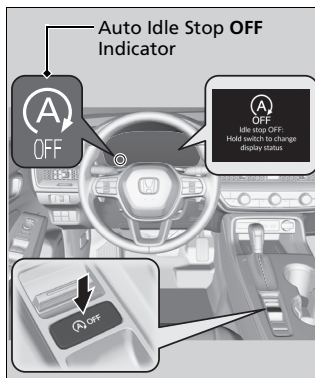
The duration of the Auto Idle Stop operation:

- Increase in the ECON mode, compared to when the ECON mode is off, with climate control in use.

✎ **ECON Button*** P. 449

✎ **Drive Mode Switch*** P. 450

■ Auto Idle Stop System ON/OFF



To turn the Auto Idle Stop system off, press this button. The Auto Idle Stop system stops.

- ▶ Auto Idle Stop system will stop, the indicator will come on and a message appears on the gauge.

The Auto Idle Stop system is turned on every time you start the engine, even if you turned it off the last time you drove the vehicle.

▣ Auto Idle Stop System ON/OFF

If you turn off the Auto Idle Stop system while it is activated, the engine will restart.

If you hold the Auto Idle Stop **OFF** button, you can disable idle stop messages.

■ Auto Idle Stop Activates When:

The vehicle stops with the transmission in **D** and the brake pedal depressed. When you put the transmission into **P** quickly with depressing the brake pedal, the Auto Idle Stop continues to operate, even if the brake pedal is released.

▶ If you depress the brake pedal, the engine may automatically restart.

■ Auto Idle Stop does not activate when:

- The Auto Idle Stop **OFF** button is pressed.
- The driver's seat belt is not fastened.
- The engine is adequately not warmed up or coolant temperature is high.
- The transmission fluid temperature is low or high.
- The vehicle comes to a stop again before the vehicle speed reaches 3 mph (5 km/h) after the engine starts.
- The vehicle is stopped on a steep incline.
- The transmission is in a position other than **D**.
- The engine is started with the hood open.
 - ▶ Turn off the engine. Close the hood before you restart the engine to activate Auto Idle Stop.
- The battery charge is low.
- The internal temperature of the battery is 41°F (5°C) or less.
- The climate control system is in use, and the outside temperature is below -4°F (-20°C) or over 104°F (40°C).
- The climate control system is in use, and the temperature is set to **Hi** or **Lo**.
-  is ON (indicator on).

Models with Drive Mode Switch

- The drive mode is in the SPORT mode.

⌘ Auto Idle Stop Activates When:

Do not open the hood while the Auto Idle Stop function is activated. If the hood is opened, the engine will not restart automatically.

In this case, restart the engine with the **ENGINE START/STOP** button.

⌘ Starting the Engine P. 436

When Adaptive Cruise Control (ACC) with Low Speed Follow is in operation, the vehicle stops without depressing the brake pedal and Auto Idle Stop may activate. In such cases, the engine may restart if you change the shift position other than **D**.

Pressing the **ENGINE START/STOP** button causes the engine to no longer restarts automatically. Follow the standard procedure to start the engine.

⌘ Starting the Engine P. 436

■ **Auto Idle Stop may not activate when:**

- The vehicle is stopped by braking suddenly.
- The steering wheel is operated.
- The vehicle is repeatedly accelerated and decelerated at a low speed.
- The fan speed is high.
- The climate control system is in use, and there is a significant difference between the set temperature and the actual interior temperature.
- The climate control system is in use, and humidity in the interior is high.

1.5 L engine models

- Altitude is high.

■ The Engine Automatically Restarts When:

- The brake pedal is released (without the automatic brake hold system activated).
- The accelerator pedal is depressed (with the automatic brake hold system activated).
 - **Automatic Brake Hold** P. 558
- When the transmission is put into **[P]** from **[D]** or **[N]** on a slope.

■ The engine restarts even if the brake pedal is depressed*¹ when:

- The Auto Idle Stop **OFF** button is pressed.
- The steering wheel is operated.
- The transmission is put into **[R]**, **[S]**^{*}, or **[L]**^{*}, or when it is set from **[N]** to **[D]**.
 - ▶ If you put the transmission into **[P]** after the Auto Idle Stop activates, the Auto Idle Stop continues to operate. In this case, the engine restarts when you depress the brake pedal.
- The pressure on the brake pedal is reduced and the vehicle starts moving while stopped on an incline.
- The pressure on the brake pedal is repeatedly applied and released slightly during a stop.
- The battery charge becomes low.
- The accelerator pedal is depressed.
- The driver's seat belt is unlatched.
-  is ON (indicator on).
- The climate control system is in use, and the difference between the set temperature and actual interior temperature becomes significant.
- The climate control system is being used to dehumidify the interior.
- The vehicle ahead of you starts again when your vehicle stops automatically with Adaptive Cruise Control (ACC) with Low Speed Follow.

Models with Drive Mode Switch

- The SPORT mode is selected by using the drive mode switch.

* Not available on all models

⌘ The Engine Automatically Restarts When:

If you are using an electronic device during Auto Idle Stop, the device may temporarily be turned off when the engine restarts.

⌘ The engine restarts even if the brake pedal is depressed*¹ when:

*¹: With the automatic brake hold system activated, you can release the brake pedal while Auto Idle Stop is in operation.

If the automatic brake hold system has been turned off, or if there is a problem with the system, the engine will restart automatically when you release the brake pedal.

➤ **Automatic Brake Hold** P. 558

Continued

■ Starting Assist Brake Function

Briefly keeps the brake applied after releasing the brake pedal to restart the engine. This can keep your vehicle from unexpectedly moving while on an incline.