

# Intelligent stop/start

## INTELLIGENT STOP/START

The Intelligent stop/start system is designed to improve fuel efficiency and is automatically activated when the ignition is turned on. If the vehicle is stopped (e.g., at traffic lights or in traffic) the engine will turn off (unless it is required to support other vehicle systems). When the brake pedal is released and a drive gear is selected, the engine will restart automatically.

During operation of the Intelligent stop/start system, a warning lamp will illuminate, see **41, INTELLIGENT STOP/START (GREEN)**.

### To activate an automatic engine stop:

- While in Drive (**D**) or Sport (**S**), stop the vehicle from a speed greater than 4 km/h (2.5 mph) and apply sufficient brake pressure to make sure the vehicle is stationary.
- Select Park (**P**) when the vehicle is stationary after reversing at a speed greater than 4 km/h (2.5 mph).

To activate an automatic engine restart, release the brake pedal with **D** or **S** selected.

The engine will also restart if one of the following occurs:

- The Intelligent stop/start system is deactivated.
- The accelerator pedal is pressed.
- A shift paddle is used to select a gear.
- Reverse (**R**) is selected.
- Climate control system demand increases.
- The vehicle's speed exceeds approximately 1 km/h (0.5 mph).
- Battery charge becomes low.
- Brake vacuum has been reduced (e.g., using the brake pedal repeatedly with the engine off).

The following conditions will prevent an automatic engine stop:

- A shift paddle has been used to select a gear.
- The external temperature is less than approximately 0°C (32°F).
- The external temperature is more than approximately 40°C (104°F).
- The external ambient air pressure is too low (720 hPa).
- The engine has not reached operating temperature.
- The engine temperature is too high.
- The engine revolution speed is too high (900 RPM).
- The engine's fuel rail pressure is too low.
- The driver's seat belt is not fastened.
- The fuel system's carbon canister, purge vapour concentration is too high.
- The Climate control system demand requires the engine to be running (for example, in Defrost mode).
- The battery charge is low.
- The bonnet is opened.
- The Intelligent stop/start system is activated more than 6 times a minute.
- The Intelligent stop/start system is deactivated.

## DEACTIVATING INTELLIGENT STOP/START

To switch the system off, press the Intelligent stop/start switch, see **234, DRIVER CONTROLS**.

**Note:** *The engine will restart automatically if the switch is pressed while an automatic engine stop is in progress.*



To confirm that the system is off, the Intelligent stop/start system off icon is shown in the Message centre and the message **ECO STOP-START OFF** is momentarily displayed.

The Intelligent stop/start system off icon also illuminates if there is a system fault. If the Intelligent stop/start switch is pressed while there is a fault, the message **ECO STOP-START UNAVAILABLE** is displayed.

**Instructional video - Intelligent stop/start.**



E151484