

# Intelligent stop/start

## INTELLIGENT STOP/START

The Intelligent stop/start system is designed to improve fuel efficiency and is automatically activated when the vehicle's ignition is switched on. Unless it is required to support other vehicle systems, the engine will switch off if the vehicle is stopped, for example, at traffic lights. When the brake pedal is released and a drive gear is selected, the engine will restart automatically.

**Note:** Always disable the Intelligent stop/start system before wading. Failure to do so could cause damage to the vehicle.

During operation of the Intelligent stop/start system, a warning lamp will illuminate. See **56**, **INTELLIGENT STOP/START (GREEN)**.

To activate an automatic engine stop, stop the vehicle from a speed greater than 2.5 mph (4 km/h). Apply sufficient brake pressure to make sure the vehicle is stationary.

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

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

- Intelligent stop/start is deactivated.
- The accelerator pedal is pressed.
- An automatic transmission shift paddle is used to select a gear.
- Reverse (**R**) gear is selected.
- Demand from the Climate control system increases.
- The vehicle's speed exceeds approximately 0.5 mph (1 km/h).
- The vehicle's battery charge becomes low.

The following conditions will prevent an automatic engine stop:

- An automatic transmission shift paddle has been used to select a gear.

- The external temperature is less than approximately 32°F.
- The external temperature is more than approximately 104°F.
- The engine has not reached its operating temperature.
- The driver's seat belt is not fastened.
- Demand from the Climate control system requires the engine to be running, for example, when in Defrost mode.
- The vehicle's battery charge is low.
- Intelligent stop/start is deactivated.

## DEACTIVATING INTELLIGENT STOP/START



To switch the Intelligent stop/start system off, press the Intelligent stop/start button. For more information, see **268**, **DRIVER CONTROLS**.

To confirm that the system has been switched off, the button LED will extinguish, and the message **Auto Stop/Start Off** is momentarily displayed in the Message center.

If the Intelligent stop/start button is pressed while there is a fault with the system, the message **Auto stop/start Not Available** is momentarily displayed in the Message center.

**Note:** If the Intelligent stop/start button is pressed while an automatic engine stop is in progress, the engine will restart.

**Note:** The Intelligent stop/start system will automatically reactivate the next time the vehicle's ignition is switched on.

## DRIVER EXIT

**Note:** The Driver exit feature is only available when Intelligent stop/start is enabled.

To prevent the vehicle from being inadvertently left in a driveable condition, the vehicle will detect when a driver is not present, and automatically switch off the ignition system.

If Drive (**D**), Sport (**S**) or Neutral (**N**) is selected, the Driver exit feature will switch the vehicle's ignition off if the following conditions exist:

- The driver's seat belt is unbuckled, and:
- The brake pedal is released.

If Park (**P**) is selected, the Driver exit feature will switch the vehicle's ignition off, if the driver's seat belt is unbuckled.

Once the vehicle's ignition has been switched off, the vehicle can be locked, if required. See **15, LOCK CONFIRMATION**.