

STOP/START SYSTEM (where fitted)

The Stop/Start System is designed to prevent unnecessary fuel consumption, exhaust emissions, and noise during a journey:

To activate the Stop/Start system:

- On manual transmission models, bring the vehicle to a complete stop, remain at idle in N (Neutral) and release the clutch pedal.
- On Xtronic transmission models, bring the vehicle to a complete stop, and either depress the brake pedal or shift into N (Neutral) or P (Park).

If you have Automatic brake hold turned ON, you can remove your foot from the brake pedal once the Automatic brake hold indicator light (green) illuminates, and the engine will not restart automatically.

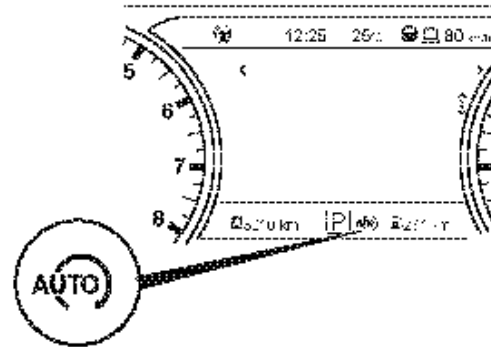
To restart the engine when the Stop/Start system is active:

- On manual transmission models, the engine will restart as soon as you depress the clutch pedal to shift into a (forward or reverse) gear.
- On Xtronic transmission models:
 - If the Automatic brake hold indicator light (green) is illuminated, shift into D (Drive) or R (Reverse), or press the accelerator to restart the engine.
 - If Automatic brake hold is turned off or not fitted, or the indicator is not illuminated, the engine will restart when you take your foot off the brake pedal.

CAUTION

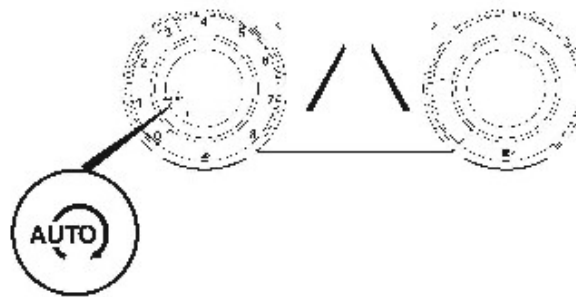
At the end of the journey the engine must be stopped and ignition turned OFF. Lock the vehicle as normal. Turning the ignition OFF will shut down all electrical systems. Failure to do this may result in a flat battery.

NORMAL OPERATION



7 inch display

NIC3713



Full screen display

NIC4086

The Stop/Start System has stopped the engine and will automatically restart the engine. The Stop/Start indicator light is lit.

NOTE

The Stop/Start System or Coasting Stop/Start system (available with Mild Hybrid Technology (where fitted) together with Xtronic transmission only) will not activate under the following conditions:

- When the engine is kept idling without any driving after the engine is turned on.
- When the engine coolant temperature is low.
- When the battery capacity is low.
- When the battery temperature is low or extremely high.
- When the vacuum in the brake servo decreases.
- When the engine bonnet is opened with the engine running.
- When the engine is turned on with the engine bonnet open.
- When the driver's seat belt is not fastened.
- When the driver's door is open.
- When the Stop/Start System indicator blinks at a low speed.
- When the accelerator pedal is depressed (Xtronic transmission models).
- When the transmission is in the R (Reverse) position.

- When the fan speed control dial is in any position other than OFF (0) while the air flow control dial is in the front defogger position (manual air conditioner).
- When the front defogger switch is on (automatic air conditioner).
- When the Stop/Start System OFF switch is turned on.
- When Intelligent Key is not detected.
- When the brake pedal is not fully depressed (Xtronic transmission models).
- When the power consumption is high.
- When the altitude is high.
- When [SNOW] mode or [OFF-ROAD] mode is activated (4WD models).

NOTE

The Stop/Start system will not activate under the following conditions:

- When the vehicle is moved.
- When stopping the vehicle on steep sloping roads.
- When the steering wheel is operated (models without Mild Hybrid Technology).

NOTE

The Coasting Stop/Start system (available with Mild Hybrid Technology (where fitted) together with Xtronic transmission only) will not activate under the following conditions:

- When the vehicle speed above than 18 km/h.
- When the transmission is not in the D (Drive) position.

- When the vehicle is moving on a road that is not flat.
- When a pedestrian or vehicle is detected by the Intelligent Emergency Brake function (where fitted).
- When ProPILOT (where fitted) or ICC (where fitted) is activated.

NOTE

It may take some time until the Stop/Start System activates under the following conditions:

- When the battery is discharged.
- When the outside temperature is low or high.
- When the lead acid battery is replaced or the lead acid battery terminal is disconnected for extended periods and then reconnected.

NOTE

The engine will not restart even if the brake pedal is released (Xtronic transmission) or clutch pedal is pressed (MT) while the Stop/Start System is activated under the following condition (the engine may restart due to another engine restart condition):

- When the transmission is in the P (Park) position (Xtronic transmission models).
- When the transmission is not in the N (Neutral) position (if the driver depresses the clutch pedal fully, the engine restarts) (MT models).
- When the transmission is in the N (Neutral) position and the parking brake is on or Automatic brake hold indicator light is green (Xtronic transmission models).

- When ProPILOT (where fitted) is activated.

NOTE

The engine will restart without releasing the brake pedal (Xtronic transmission models) or without depressing the clutch pedal (MT models) while the Stop/Start System or the Coasting Stop/Start System (available with Mild Hybrid Technology (where fitted) together with Xtronic transmission only) is activated under the following conditions:

- When the Stop/Start System OFF switch is pushed.
- When the fan speed control dial is in any position other than OFF (0) while the air flow control dial is in the front defogger position (manual air conditioner).
- When the front defogger switch is set to ON (automatic air conditioner).
- When the accelerator pedal is depressed. (Xtronic transmission models)
- When the battery capacity is low.
- When the power consumption is high.
- When the paddle shift is operated (if equipped) (Xtronic transmission models)
- When the Intelligent Key is not detected.
- When the vacuum of the brake servo is insufficient as a result of depressing the brake pedal several times.
- When the driver's seat belt is released or the driver's door is open. (Xtronic transmission models) (Manual transmission models if gear is not engaged).

- When the battery voltage becomes low (due to electrical load from other vehicle systems like headlights, heater, etc., or auxiliary devices connected to the 12 volt socket inside the vehicle)
- When more than 3 minutes have elapsed since the Stop/Start system was activated. (Xtronic transmission models)
- When ProPILOT (where fitted) is activated (The engine may not restart depending on the brake fluid pressure).
- When the driver moves the vehicle from standstill using ProPILOT (where fitted).
- When ProPILOT (where fitted) detects the vehicle ahead moving away.
- When [SNOW] mode or [OFF-ROAD] mode is activated (4WD models).

NOTE

The engine will restart without releasing the brake pedal (Xtronic transmission models) or without depressing the clutch pedal (MT models) while the Stop/Start System is activated under the following conditions:

- When the brake pedal is released on sloping roads and the vehicle is moved.
- When the parking brake is released when the transmission is in the N (Neutral) position and the brake pedal is not depressed.
- When the transmission is placed in the R (Reverse) position. (Xtronic transmission models)

- When D (Drive) is selected from P (Park) or N (Neutral) during a Stop/Start system stop in an Xtronic transmission vehicle.
- When the steering wheel is operated (Xtronic transmission vehicle vehicles without Mild Hybrid Technology).

NOTE

The engine will restart without releasing the brake pedal while the Coasting Stop/Start system (available with Mild Hybrid Technology (where fitted) together with Xtronic transmission only) is activated under the following conditions

- When the vehicle speed is more than 18 km/h (12 MPH).
- When the transmission is not in the D (Drive) position.
- When the engine bonnet is open.

NOTE

The engine will not restart while the vehicle is moving when the emergency brake is activated during the Coasting Stop/Start System (available with Mild Hybrid Technology (where fitted) together with Xtronic transmission only). The engine will restart after the vehicle comes to a halt.

NOTE

The following conditions will prevent the Stop/Start System from automatically restarting the engine. Starting the engine with the ignition switch is then necessary

- When the engine bonnet is open

- When the driver's seat belt is unfastened and the driver's door is opened (MT models).

Use this system while waiting at traffic lights, etc. When the vehicle is stopped for long periods of time, turn off the engine.

When the engine is stopped by the Stop/Start System, heating, cooling and dehumidifying functions can become less effective. To avoid this, turn the Stop/Start System off by pressing the Stop/Start System OFF switch.

The Stop/Start System is always engaged at the start of a journey (once the engine has been started). The engine is automatically stopped and restarted during the journey if conditions are suitable



NSY1030

NOTE

Automatic engine restart is possible whenever the Stop/Start System indicator light is illuminated in the vehicle information display.