LANE DEPARTURE WARNING (LDW)

The Lane Departure Warning (LDW) system is a driving aid only. It remains the driver's responsibility to drive with due care and attention, in a manner which is safe for the vehicle, its occupants and the other road users. The driver should still observe all other road signs, road markings and situations that are not detected or recognised by the LDW system.



The LDW switch is located in the lower switch panel at the driver's side of the facia. Press to disable/enable the LDW system. See **356, DRIVER CONTROLS**.

When enabled, an indicator lamp illuminates in the Message centre to confirm. The status of the system is also shown by the changes of the lane icon colours and the vehicle's position icon within the indicator lamp.

The LDW system can also be switched off/on via the Instrument panel menu. See **56, INSTRUMENT PANEL MENU**.

Note: *When the ignition is switched off and on again, the LDW system settings remain as previously set.*

The LDW system uses the forward-facing camera, located in the base of the rear-view mirror.

Note: *Make sure the windscreen area in front of the rear-view mirror is kept clean and free of obstructions, for example, stickers, debris, mud, snow, ice, etc.*

If the vehicle crosses either of the lane markings that it is travelling within, without activation of the appropriate indicator, the LDW system alerts the driver via one of the following methods:

- Steering wheel vibration.
- Graphical displays in the Message centre.

Note: *The LDW system only provides warnings to the driver. It does not assist in changing the direction of the vehicle or operate any of the vehicle's systems.*

Note: *The LDW system will not detect unmarked edges of the road.*

The sensitivity of the LDW system can be adjusted between **High Sensitivity** or **Normal Sensitivity** via **Driving Assistance** in the Instrument panel menu.

When set at **Normal Sensitivity**, the LDW system suppresses any warnings, if driver intervention is detected, as follows:

- Operation of the accelerator pedal.
- Significant movement of the steering wheel.
- Operation of the brakes.
- Activation of the appropriate indicator.

When set at **High Sensitivity**, the LDW system does not suppress any warnings, if driver intervention is detected (unless the appropriate indicator is activated).

If the LDW system detects a fault or is not available, then the General warning/information message (amber) is displayed in the Message centre. See **63, GENERAL WARNING/INFORMATION MESSAGE (AMBER)**.

Lane Departure Warning limitations

- When set at **High Sensitivity**, LDW is active between 50 km/h (30 mph) and 180 km/h (112 mph).
- When set at **Normal Sensitivity**, LDW is active between 60 km/h (40 mph) and 180 km/h (112 mph).
- The lane in use must be wider than 2.5 m.
- No warning given if the correct indicator is active.
- Not active in off-road conditions.
- Not available when the Sand or Mud-ruts, Terrain response programs are selected.

The performance of the LDW system may also be affected in the following conditions:

- Adverse driving conditions. For example, heavy fog, rain, snow, etc.
- Worn, damaged or temporary lane markings, for example, road works, etc.
- Tight deviations of the roads and their gradients.
- Driving towards very bright lights/ lamps.
- Driving very close to another vehicle.

TRAFFIC SIGN RECOGNITION

The Traffic sign recognition system is a driving aid only. It remains the driver's responsibility to drive with due care and attention, in a manner which is safe for the vehicle, its occupants and the other road users. The driver should still observe all other road signs, road markings and situations that are not detected or recognised by the Traffic sign recognition system.

The Traffic sign recognition system uses the forward-facing camera, located in the base of the rear-view mirror. This detects speed signs, no overtaking signs and variable overhead speed signs and displays symbols of the detected signs, in the Message centre. Traffic signs with extra information (for example, reduced speed limits for wet road conditions) are also detected and compared with the vehicle's systems (for example, rain sensor, wipers, etc.) and may also be displayed in the Message centre. Speed limit information from the Navigation system is displayed for roads with no signage.

Note: *If the standard road navigation is not available, the Traffic sign recognition system uses the camera only.*

Note: *Make sure that the windscreen area in front of the rear-view mirror is kept clean and free of obstructions, for example, stickers, debris, mud, snow, ice, etc.*

The Traffic sign recognition system can be switched on and off via the Instrument panel menu. See **56, INSTRUMENT PANEL MENU**. The system operates up to a maximum speed of 250 km/h (155 mph).

The three basic functions of the Traffic sign recognition system are as follows:

- Speed limit detection: A corresponding sign is displayed in the Message centre.
- Speed alert: When the vehicle's speed is greater than (or equal to) the detected speed limit, a flashing red ring, around the displayed speed limit sign, is displayed in the Message centre.
  Speed alert can be switched on/off, or the settings can be adjusted to display three different settings:
  - When the vehicle's speed equals the detected speed limit.
  - When the vehicle's speed is 10 km/h (5 mph) above the detected speed limit.
  - When the vehicle's speed is 20 km/h (10 mph) above the detected speed limit.
- No overtaking zone: When a no overtaking sign is detected, the system also displays a corresponding sign in the Message centre.

Note: *The Traffic sign recognition system does not detect road markings or situations with no signage, for example, railway crossings, etc.*

Traffic sign recognition limitations

The system may provide false information or function incorrectly in the following conditions:

- Travelling in adverse weather conditions. For example, heavy fog, rain, snow, etc.
- Concealed or covered signage.
- Driving towards very bright lights/ lamps.
- The windscreen area in front of the camera is covered by a sticker, misted over, dirty, covered in snow or mud, etc.
- Navigation information is incorrect.
- Travelling in an area not covered by the Navigation system.
- Non-conforming road signs.