BLIND SPOT MONITOR (BSM)

⚠WARNING

The Blind Spot Monitor (BSM) system is a supplement to, not a replacement for, a safe driving style and use of the exterior and rear-view mirrors. The system may not function under all speeds, weather and road conditions.

⚠WARNING

The BSM may not be able to give adequate warning of vehicles approaching very quickly from behind.

⚠WARNING

The BSM may not be able to detect all vehicles and may also detect objects such as roadside barriers, etc. Drive safely at all times and use the exterior and rear-view mirrors to avoid accidents.

⚠WARNING

The BSM will not correct errors of judgement in driving.

⚠WARNING

The radar sensors may be impaired by mud, rain, frost, ice, snow, or road spray. This may affect the system's ability to reliably detect a vehicle/object within the blind spot.

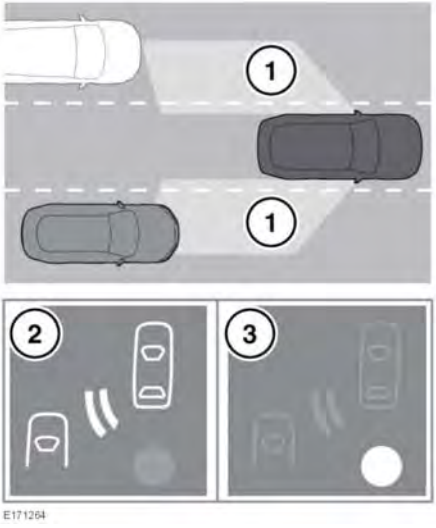
NOTICE

Make sure that the warning indicators in the exterior mirrors are not obscured by stickers or other objects.

NOTICE

Do not attach stickers or objects to the rear bumper, that may interfere with the radar sensors.

The BSM system monitors a zone that covers the area adjacent to the vehicle that is not easily visible to the driver. The system uses radar on each side of the vehicle to identify any passing vehicle/object within the blind spot area of the vehicle, while disregarding other objects which may be stationary or traveling in the opposite direction, etc.



1. Driver's blind spot area.
2. Amber warning symbol in the exterior mirror. Passing vehicle detected.
3. Amber indicator in the exterior mirror. BSM is not active.

If an object is identified by the system as being an passing vehicle/object, an amber warning icon illuminates in the relevant exterior mirror, to alert the driver that there is a potential hazard in the vehicle's blind spot and, therefore, that a lane change might be dangerous.

The radar monitors the area extending from the exterior mirror rearwards, to approximately 20 ft (6 m) behind the rear wheels, and up to 8.2 ft (2.5 m) from the side of the vehicle (the width of a typical lane). The BSM is designed to work most effectively when driving on multi-lane roads.

Note: *The system covers an area of a fixed lane width. If the lanes are narrower than a typical highway lane, objects traveling in non-adjacent lanes may be detected.*

Note: *If vehicles are detected on both sides simultaneously, the warning icons in both mirrors flash.*

The BSM automatically switches on and becomes active when the vehicle is traveling at more than 6 mph (10 km/h) in a forward gear. When the system initiates, it performs a self-check, during which the warning icons in the mirrors illuminate alternately for a short period of time.

The indicator dot (**3**) remains illuminated until the vehicle's forward speed exceeds 6 mph (10 km/h).

The BSM is automatically disabled and an amber warning indicator dot is displayed in the exterior mirrors when:

- Reverse (**R**) or Park (**P**) is selected.

  Note: *When Reverse Traffic Detection (RTD) is fitted, all of the mirror icons switch off when **R** is selected.*

- The vehicle's speed is below 4 mph (6 km/h).

The BSM can be enabled or disabled through the Instrument panel menu. See **54, INSTRUMENT PANEL MENU**.

Note: *The BSM is disabled when a trailer is attached.*

CLOSING VEHICLE SENSING

⚠WARNING

Closing vehicle sensing is a supplement to, not a replacement for, a safe driving style and use of the exterior and rear-view mirrors. The system may not function under all speeds, weather and road conditions. Drive safely at all times and use the exterior and rear view mirrors to avoid accidents.

⚠WARNING

Closing vehicle sensing does not give a warning of vehicles approaching from directly behind the vehicle. Always use the exterior and rear-view mirrors.

⚠WARNING

The radar sensors may be impaired by mud, rain, frost, ice, snow, or road spray. This may affect the system's ability to reliably detect an approaching vehicle.

⚠WARNING

Closing vehicle sensing will not correct errors of judgement in driving.

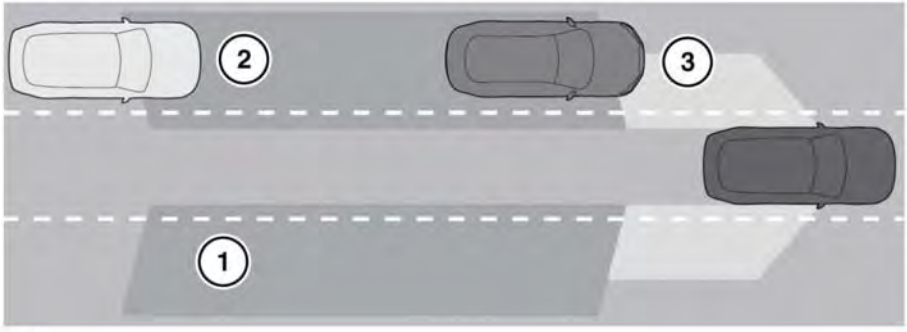
NOTICE

Make sure that the warning indicators in the exterior mirrors are not obscured by stickers or other objects.

NOTICE

Do not attach stickers or objects to the rear bumper, that may interfere with the radar sensors.

In addition to the functionality provided by the Blind Spot Monitor (BSM), Closing vehicle sensing monitors a larger area behind the vehicle. Closing vehicle sensing is designed to perform best on multi-lane highways with free-flowing traffic and is operational above 6 mph (10 km/h) in a forward gear.



1. Closing vehicle sensing monitors an area behind the vehicle, up to a distance of 230 ft (70 m) and approximately 8 ft (2.5 m) from each side of the vehicle (the width of a typical lane).
2. If a vehicle is detected approaching rapidly, an amber warning icon flashes in the relevant exterior mirror to indicate that there is a potential danger.
3. When the detected vehicle reaches the area monitored by the BSM, the amber warning icon illuminates continuously.

Note: *If rapidly passing vehicles are detected on both sides simultaneously, the warning icons in both mirrors flash.*

Note: *Closing vehicle sensing covers an area of a fixed lane width. If the lanes are narrower than a typical highway lane, objects traveling in non-adjacent lanes may be detected.*

Note: *Closing vehicle sensing is disabled when the vehicle is negotiating a tight radius curve.*

Note: *When the BSM is disabled, Closing vehicle sensing is also disabled. See* ***54, INSTRUMENT PANEL MENU****.*

Note: *Closing vehicle sensing is disabled when a trailer is attached.*

BSM SENSORS

The BSM system is automatically disabled if either of the sensors become completely obscured; an amber indicator dot is displayed in the exterior mirror and the message **BLIND SPOT MONITOR SENSOR BLOCKED** appears in the Message center.

Note: *Blockage testing is initiated only when the vehicle's speed is above 6 mph (10 km/h) and will take at least two minutes of accumulated time traveling above this speed, to determine that the sensor is blocked.*

If the sensors become blocked, check that there is nothing obscuring the rear bumper and that it is clear from ice, frost, and dirt.

If a fault with one of the radar sensors is detected, an amber warning indicator dot is displayed in the exterior mirror and the message **BLIND SPOT MONITOR NOT AVAILABLE** is displayed in the Message center.

Note: *Even if the detected fault affects the radar sensor on only one side of the vehicle, the whole system is disabled. If the fault is temporary, the system operates correctly once the engine has been switched off and then on again.*

If a fault in the system occurs, consult a Retailer/Authorized Repairer.

BSM RADIO FREQUENCY SPECTRUM REGULATION STATEMENTS

United States of America

This device complies with part 15 of the FCC rules, UR8 303919. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Note: *The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.*

Canada

This device complies with Industry Canada Standard IC - RSS-210. Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Frequency of operation: 24.05GHz - 24.25GHz.

Field strength: Not greater than 2.5V/m peak (0.25V/m average) at a distance of 3 meters.