

Stability control

PRINCIPLE OF OPERATION

Dynamic Stability Control (DSC)

WARNING



DSC is unable to compensate for driver errors.

It is the driver's responsibility to drive with due care and attention, in a manner which is safe for their vehicle, it's occupants, and other road users.

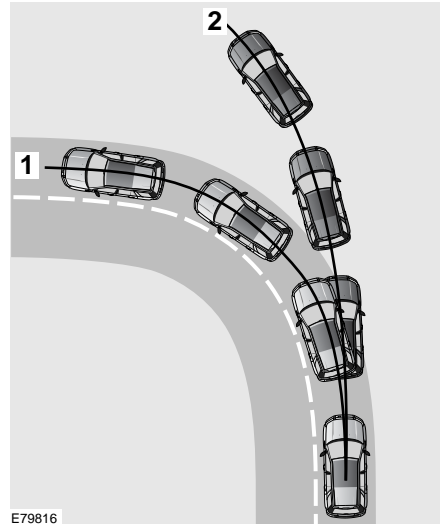
DSC has two main functions.

Firstly, if a wheel, or wheels, loose traction when accelerating, it enhances Traction Control by reducing engine torque, and applying braking force to individual wheels. This further improves the vehicle's ability to pull away on slippery, or loose surfaces, and reduces the likelihood of wheel spin when cornering.

Secondly, DSC will apply braking force to individual wheels in order to maintain vehicle stability when cornering, changing lanes suddenly, or manoeuvring in an emergency. This will help to keep the vehicle on the driver's intended path, rather than over, or under steering.



When DSC is operating the warning indicator will flash rapidly.



1. Vehicle fitted with DSC.

2. Vehicle without DSC.

Roll stability control (RSC)

WARNING



No electronic system can remove the need for safe driving practice. RSC can help to maintain control of the vehicle. It cannot regain control of the vehicle if it has been lost, or overcome driver errors. Always drive with due consideration for the prevailing road and weather conditions.

RSC works in conjunction with DSC to try and prevent vehicle roll-over. If the system senses that the vehicle is approaching roll-over it will reduce engine power and use the ABS system to reduce the chance of roll-over.

Stability control

USING STABILITY CONTROL

DSC

DSC is activated automatically each time the engine is started, and is automatically selected by some of the Terrain Response Special programs.

Note: In the majority of driving situations, and particularly on-road, it is recommended that you do not turn DSC off.

Deactivating DSC

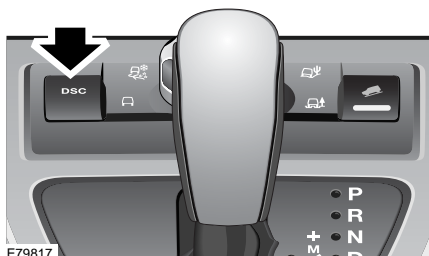
CAUTION



Wherever possible, drive with DSC activated.

In some driving conditions it may prove helpful to deactivate DSC to improve traction. These conditions include :-

- Rocking the vehicle out of a hollow.
- Rocking the vehicle out when the wheels have sunk into the surface.
- Pulling away in deep snow, or a loose surface.
- Driving along deep ruts.
- Driving through deep mud.



To deactivate DSC, press, and briefly hold, the DSC button. The DSC warning indicator will illuminate continuously as a reminder that DSC is deactivated and **DSC SWITCHED OFF** will be displayed in the message centre.

Note: Deactivating DSC will have no effect upon the operation of Traction Control.

Reactivating DSC

DSC is reactivated by one of the following:-

- pressing, and briefly holding the DSC button.
- starting the engine.
- selecting a new Terrain Response special program.

DSC system fault

If a fault is detected the DSC warning lamp will flash continuously.