PRINCIPLE OF OPERATION

WARNING

Dynamic Stability Control (DSC) is unable to compensate for driver misjudgment. 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.

Dynamic Stability Control (DSC) optimises vehicle stability, even in critical driving situations. The system controls dynamic stability when accelerating and when starting from a standstill. Additionally, it identifies unstable driving behaviour, such as understeer and oversteer and helps to keep the vehicle under control by manipulating the engine output and applying the brakes at individual wheels. Some noise may be generated when the brakes are applied.

USING STABILITY CONTROL

Dynamic Stability Control (DSC) is activated automatically each time the engine is started, and is automatically selected by some of the Terrain Response programs.

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

Warning indicator

The warning indicator in the instrument pack illuminates briefly when the ignition is switched on.

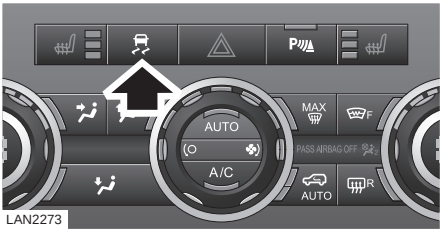
If the warning indicator flashes rapidly during driving, the system has activated and is regulating the engine output and brake forces.

If a fault occurs the warning indicator will illuminate and remain on continuously. The vehicle can still be driven with care, but be aware that the driving characteristics of the vehicle may have changed. Seek qualified assistance as soon as possible

Deactivating DSC

In some driving conditions, where forward traction should be maximised, it may be beneficial to deactivate DSC. Such conditions include:

- Rocking the vehicle out of a hole or deep rut.
- Starting on a loose surface, such as snow.
- Driving in deep sand or mud.
- Driving on tracks with deep longitudinal ruts.



To deactivate DSC, press and briefly hold the DSC switch (arrowed) on the facia (the DSC off warning indicator will illuminate continuously). Deactivating DSC also reduces the level of Electronic Traction Control intervention and may lead to an increase in wheel spin.

Reactivating DSC

To reactivate DSC, press and briefly hold the DSC switch on the instrument panel. DSC will automatically reactivate after an ignition cycle, if it was previously deactivated.

DSC is reactivated automatically when the program is changed on vehicles fitted with the Terrain Response system.