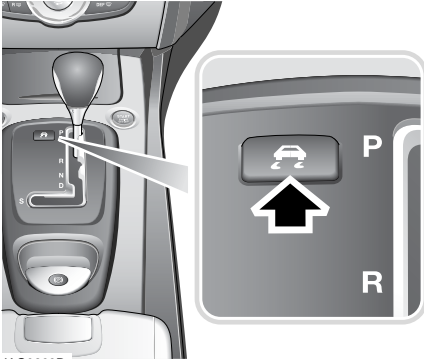


Stability Control

PRINCIPLE OF OPERATION

Dynamic stability control (DSC)



JAG0263R



WARNING:

- **The fact that the vehicle is fitted with DSC must never allow the driver to be tempted into taking risks which could affect his or her safety or that of other road users. In all cases it remains the driver's responsibility to drive safely according to the prevailing conditions.**
- **It is recommended that when using snow chains, DSC should be switched OFF.**

Dynamic stability control is operational whenever the engine is running, unless it has been switched off. When the system is operating, the warning light in the instrument cluster will flash.

The DSC system controls the anti-lock braking system (ABS), traction control and yaw control of the vehicle.

Yaw control determines the vehicle's direction relative to the driver's inputs (sideslip and under or oversteer).

It applies braking pressure to individual wheels if excessive variation is detected. This ensures that the vehicle follows the driver's intended direction of travel.

Traction control will intervene to prevent wheel spin by automatically reducing the power output from the engine and applying braking to individual wheels. This improves acceleration, particularly on surfaces with uneven friction, for example, one wheel on ice the other on tarmac.

Trac dynamic stability control (Trac DSC)

Trac DSC is an additional feature where DSC settings are optimised for maximum traction in difficult conditions, such as deep snow, sand or gravel. This makes greater traction possible, without having to completely lose the benefits of DSC, however, vehicle stability may be reduced.

Caution: Vehicle safety could be reduced by inappropriate use of Trac DSC. Trac DSC should only be used when necessary for the prevailing conditions:

- **In deep snow.**
- **To maintain the movement of the vehicle on soft or loose surfaces e.g. gravel, sand.**

Stability Control

Switching between DSC and Trac DSC

Pressing and holding the DSC OFF switch for **less** than three seconds will switch between the normal DSC setting and the Trac DSC. The message centre will temporarily display either **Trac DSC** or **DSC ON** and the DSC warning light on the instrument cluster will be illuminated while Trac DSC is selected. The warning light will flash when DSC or Trac DSC is active.

Switching Off the DSC

The dynamic stability control system can be switched OFF by pressing and holding the DSC OFF switch for **more** than three seconds. When the system is switched OFF, the warning light in the instrument cluster will remain on and a message, **DSC OFF**, will be displayed to indicate that the system has been switched OFF and a warning chime will sound.

Switching On the DSC

If DSC is OFF or in Trac DSC setting, pressing the DSC OFF switch will switch ON the DSC to normal function. A message, **DSC ON**, is displayed.

Note: *If cruise control is engaged it will automatically disengage if stability control activates.*

DSC indicator

A system malfunction is indicated by the message **DSC NOT AVAILABLE** in the message centre and the amber priority warning light. The instrument cluster warning light will also be lit.

It is safe to drive the vehicle but the DSC system will not activate under wheel spin or slide conditions. You should report the fault to a Jaguar Dealer/Authorised Repairer as soon as possible.