

DYNAMIC STABILITY CONTROL (DSC)



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

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.

WINTER MODE



Press to operate. Designed for use in slippery conditions. When active, Winter mode selects 2nd gear for driving away on level ground (no incline), softens the responsiveness of the engine and modifies the gear change strategy. This helps make sure that optimum traction is maintained.

Winter mode optimises stability of the vehicle to suit slippery conditions, when grip is reduced. This helps the vehicle to perform in a more gentle and controlled manner, to avoid skidding, allowing more confident progress under adverse conditions.

Note: Winter mode cannot be active at the same time as Dynamic mode. Winter mode will remain selected indefinitely, even after the ignition is switched off. Winter mode must be deselected if no longer required.

DYNAMIC MODE



Press to operate. Dynamic mode coordinates the vehicle's control systems to deliver a high performance driving experience. This setting enhances key vehicle systems so that the vehicle's full potential can be exploited. The vehicle's responses are aimed at involving the driver more in focused and purposeful driving.

Note: When the transmission is set to permanent manual mode and Dynamic mode is selected, transmission upshifts are fully controlled by the driver. The transmission will not change up automatically, even when the rev limit is reached (the gear position indicator in the Message centre will glow amber, to indicate that the next gear should be selected).

Note: Dynamic mode cannot be active at the same time as Winter mode. Dynamic mode will remain selected for approximately 6 hours after the ignition is switched off, after which point it will need to be re-selected if required.

TRACDSC



Vehicle safety may be reduced by inappropriate use of TracDSC. TracDSC should only be used in suitable conditions.

TracDSC is an alternative setting of DSC, with reduced system interventions. With TracDSC engaged, traction may be increased, although stability may be reduced compared to normal DSC. TracDSC is intended for use only on dry tarmac, by suitably experienced drivers. TracDSC should not be selected for other surfaces or by drivers with insufficient skill and training to operate the vehicle safely with TracDSC function engaged.

Stability control

SWITCHING BETWEEN DSC AND TRACDSC



Press and hold the DSC switch for less than 10 seconds (3 seconds for XJR). The Message centre will temporarily display either **TracDSC** or **DSC ON**.

- The warning lamp in the instrument panel will illuminate while TracDSC is selected.
- The warning lamp will flash when DSC or TracDSC is active (cruise control will automatically disengage if this occurs).

SWITCHING DSC OFF

- Press and hold the DSC switch for more than 10 seconds (3 seconds for XJR).
- The Message centre will display **DSC OFF** and a short warning chime will sound.
- The DSC OFF warning lamp in the Instrument panel will illuminate.

SWITCHING DSC ON

- Press and release the DSC switch.
- The DSC system will switch on, the Message centre will temporarily display **DSC ON**.
- The DSC OFF warning lamp in the Instrument panel will be extinguished.

Note: Switching the engine off and then on again, will always revert DSC status to DSC ON, regardless of which mode is selected.

ACTIVE DIFFERENTIAL CONTROL (Supercharged vehicles only)

The Active differential control (E-diff) improves traction on uneven road surfaces and can also improve stability in oversteer situations.

If the warning message **EDIFF SYSTEM FAULT** is displayed and DSC is off, then TracDSC will be automatically selected. The vehicle can still be driven and DSC modes can be selected, but seek qualified assistance as soon as possible.

If the warning message **EDIFF NOT AVAILABLE** is displayed, the system has temporarily shut down to prevent overheating. The vehicle can still be driven and the E-diff will be operational again when the system has cooled sufficiently.