ECO PROGRAM

This program encourages a more efficient driving style and modifies vehicle settings to improve fuel economy.



E163229

Press the button to switch the ECO program on/off, a message will appear in the Message centre.

When selected, engine and transmission settings are automatically changed to promote an efficient driving style and to save fuel.

An instantaneous driving style rating is provided via the trip computer display. This rates driving style against efficient driving principles. See **57, USING THE TRIP COMPUTER**.

Heating and ventilation settings are modified by making small changes to the rate of heating and cooling. Certain features are switched off or modified to reduce energy consumption. Feature settings can be changed as desired, once ECO program is active. For more information refer to the Heating and ventilation section of the handbook.

Additional vehicle efficiency data and tips are available in **ECO-Data** on the Extra features page.

Note: *The ECO-Data system will only begin displaying averaged data after the vehicle has travelled 1 km (0.6 miles).*

Note: *The ECO-Data system may not measure or record data when in some Terrain response modes and/or if Hill Descent Control (HDC) is selected.*

Note: *The ECO-Data system only monitors driver inputs. Any automatic inputs from the vehicle, for example, throttle and brake force applied by the Adaptive Cruise Control (ACC) system will not be measured. Data not being measured and recorded will be greyed out in the Instrument panel.*

INSTRUCTIONAL VIDEO



E166654

TERRAIN RESPONSE OPERATION

Before venturing off-road, it is essential that inexperienced drivers become fully familiar with the vehicle's controls; in particular, the Hill Descent Control (HDC) and Terrain response system.

Information relating to the suitability of each Terrain response program on different types of surface, can be found in the 4x4i section of the Extra features menu. See **89, EXTRA FEATURES**



E181787

Terrain response selection is via the centre console buttons. See **356, DRIVER CONTROLS**Use the buttons to move through the program selections. The currently selected program icon will be displayed in the Message centre and the relevant LED indicator will illuminate.

Note: *Changing between the special programs will alter various vehicle settings, e.g., engine revs while at the current accelerator pedal position may alter or the steering feel might change. These changes are not dramatic but will be noticeable.*

It is advisable to experiment with the available settings in an environment that will not affect other road users.

GENERAL PROGRAM (SPECIAL PROGRAMS OFF)



This program is compatible with all on and off-road conditions. If not already active, it should be selected before driving on surfaces, which are similar to a hard road surface. Dry cobbles, tarmac, dry wooden planks, etc., all fall into this category.

This program should be selected once the need for a special program has passed. Once the special program has been deselected, all of the vehicle's systems will return to their normal settings, except for Hill Descent Control (HDC). HDC will remain active if it was selected manually.

This general program also allows the Active Driveline system to automatically switch between 2 wheel drive and 4 wheel drive, dependent on driving conditions. This status can be viewed in the 4x4i section of the Extra features menu. See **89, EXTRA FEATURES**

Note: *Permanent 4 wheel drive is maintained in all other Terrain response programs.*

GRASS/GRAVEL/SNOW



This program should be used where a firm surface is covered with loose or slippery material.

Note: *For deep snow and gravel, it is recommended that the Sand program is selected.*

Note: *If the vehicle is unable to gain traction in deep snow, switching Dynamic Stability Control (DSC) off may help. DSC should be switched on again, as soon as the difficulty is overcome.*

MUD/RUTS



This program should be used for crossing terrain that is muddy, rutted, soft or uneven.

SAND



This program should be used for terrain, which is predominantly soft, dry sand or deep gravel.

Note: *If the vehicle is unable to gain traction in extremely soft, dry sand, switching Dynamic Stability Control (DSC) off may help. DSC should be switched on again as soon as the difficulty is overcome.*

If the sand to be crossed is damp/wet and sufficiently deep enough to cause the wheels to sink into the surface, the Mud-Ruts program should be used.

DYNAMIC



This program is associated with a driving style, rather than a type of terrain and optimises traction, handling and driveability, for maximum feedback and responsiveness. Select this program to exploit the vehicle's full on-road potential.

DRIVER OVERRIDE OPTIONS

Hill Descent Control (HDC) is automatically engaged for some Terrain response programs. If required, HDC can be deselected or engaged independently of Terrain response. See **161, HDC CONTROLS**.

The HDC status will be displayed in the Message centre whether it is engaged or disengaged, by the system or by the driver.

Although Dynamic Stability Control (DSC) is automatically engaged when a special program is selected, it can be switched off, if required. See **126, SWITCHING DSC OFF**.

SYSTEM DIFFICULTIES

Use of an incorrect program will impair the vehicle's response to the terrain and can reduce the life of the suspension and drive systems.

If the system becomes partially inoperable for any reason, it may not be possible to select a special program.

If a participating vehicle system becomes temporarily inoperable, the General program will be automatically selected. Once the system returns to normal operation, the previously active program will be reactivated unless the ignition has been switched off in the meantime.

If you try to select an inappropriate special program, the relevant indicator will flash amber and the Message centre will provide further information. If the appropriate action is not taken within 60 seconds, the warnings will cease and the Message centre will show the active program.

If the system becomes completely inoperable, all of the special program indicators will be switched off and a relevant message will be displayed in the Message centre.