

## BEFORE DRIVING OFF-ROAD

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

Basic guidance for Off-Road driving can be found in the Land Rover Off-Road Driving handbook. This is a free download at:

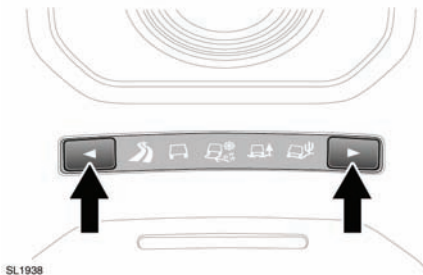
**[www.ownerinfo.landrover.com](http://www.ownerinfo.landrover.com)**.

## TERRAIN RESPONSE OPERATION

Terrain Response selection is via center console switches. Use the switches to move through up the five program selections. The currently selected program icon will be displayed in the message center.

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

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



## DYNAMIC



This special program is associated with a driving style rather than a type of terrain. Choose this program for exploiting the vehicle's full on-road potential, providing a more focussed and involved driving experience.

When selected, this program optimizes handling and driveability characteristics for maximum feedback and responsiveness.

## 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 systems will return to their normal settings except HDC. HDC will remain active if it was selected manually.

## GRASS-GRAVEL-SNOW



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

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

**Note:** *If the vehicle is unable to gain traction in deep snow, switching 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. HDC is automatically selected with this program.

## 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 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 to cause the wheels to sink into the surface, the Mud-Ruts program should be used.

## WADING

The maximum advisable wading depth is 19.7in (500mm). If the vehicle remains stationary in water above the door sill level, severe electrical damage may occur.

### **NOTICE**

*Do not switch off the engine when wading and avoid stopping. If the engine stalls, restart immediately.*

*If water has entered the engine air intake, switch off immediately. The vehicle **must** be recovered from the water and be transported to a Land Rover Retailer/Authorized Repairer.*

## DRIVER OVERRIDE OPTIONS

Although Dynamic Stability Control is automatically engaged when a special program is selected, it can be turned off if required. See **91, DISABLING DSC**.

Hill Descent Control (HDC) will be automatically engaged for some terrain response programs. If required it can be deselected or engaged independently of Terrain response. See **95, SELECTING HILL DESCENT CONTROL (HDC)**.

The HDC status will be displayed on the message center whether it is engaged, or disengaged, by the system or by the driver.

## SYSTEM DIFFICULTIES

### **NOTICE**

*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 special programs. A warning will be given when selection of a special program is attempted.

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 re-activated unless the ignition has been turned off in the mean time.

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 center.

## TERRAIN RESPONSE MESSAGES

Messages relating to the Terrain response system are displayed in the message center. See **63, INSTRUMENT PANEL**.

Most of the messages that appear will be for information only and require no driver intervention.