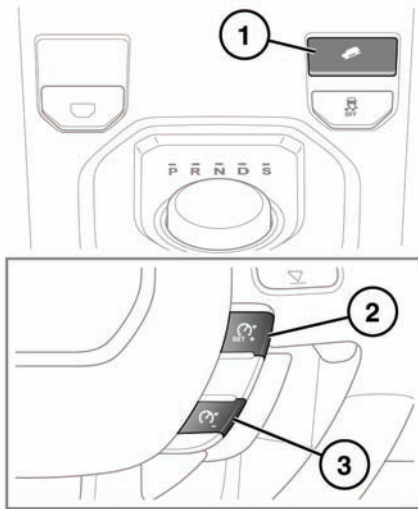


## SELECTING HILL DESCENT CONTROL (HDC)



SL1939

1. Press to switch HDC on and off.
2. Press to increase the set speed.
3. Press to decrease the set speed.

HDC can be used in **D**, **R** and CommandShift **1**, **2** or **3**.

**Note:** HDC is automatically selected by some of the Terrain response special programs.

HDC can be selected at speeds above 50mph (80km/h) but will not engage until vehicle speed drops below 30mph (50km/h). The HDC warning lamp will flash while vehicle speed is above 30mph (50km/h).

The green warning lamp in the message center will illuminate while HDC is active.

A green graphic will also be displayed in the message center showing the HDC target speed. When HDC is unable to operate, the display will be gray. The graphic indicates the range of target speeds available in the currently selected gear. Target speed is adjusted via the cruise control switches.

If HDC is deselected while operating, the green warning lamp will flash and the system will fade out, allowing vehicle speed to gradually increase.

**Note:** HDC is automatically deselected if the ignition is switched off for more than 6 hours.

## HDC OPERATION

With HDC engaged, standard descent speed will not exceed 12.4mph (20km/h).

While the green warning lamp is continuously illuminated, HDC target speed can be modified using the cruise control steering wheel switches, as follows:

- To increase speed, press and hold switch (2) until the green pointer in the target speed display is at the desired speed.
- To decrease speed, press and hold switch (3) until the green pointer in the target speed display is at the desired speed.

Release the switch to set the target speed.

**Note:** The white needle indicates the current vehicle speed.

To increase or decrease speed gradually, tap switches (2) and (3) as required. Each tap of the switch will increase/decrease the speed in increments/decrements of 0.6mph (1km/h).

Speed adjustments will be displayed in the message center.

## Hill descent control

**Note:** If a new target speed is set and then reverse gear is selected, the target speed will change to the default reverse speed. When a forward gear is next selected, the new target speed is reinstated.

**Note:** Each gear has a pre-determined minimum speed.

Descent speed will increase only when a slope is steep enough to provide additional momentum. Therefore, use of switch (2) on a gentle slope may not increase the speed.

If the brake pedal is depressed, HDC will be overridden and the brakes will operate as normal. When the brake pedal is released, HDC will resume control of the descent.

If HDC is switched off during a descent, HDC will fade out gradually. This is to prevent loss of control if HDC is switched off in error.

HDC will resume control when switched back on, at the standard default speed.

### **WARNING**

**Do not attempt a steep descent if HDC is inoperative or warning messages are displayed.**

## **GRADIENT RELEASE CONTROL (GRC)**

With HDC activated, if the vehicle is stopped on a slope using the foot brake, GRC will become active (except in Terrain Response Sand program). It operates in all gears and in neutral position.

During a steep hill descent, when the foot brake is released GRC will automatically hold brake force for a short period before gradually releasing it, allowing for maximum control to be retained.

During an uphill start, a similar brake hold and gradual release is employed. This allows time for the driver to apply speed and allow the vehicle to move away smoothly.

## **BRAKE TEMPERATURE**

In extreme circumstances, the HDC system may cause brake temperatures to exceed their pre-set limits. An **HDC warning** will be displayed in the message center. HDC will then fade out and become temporarily inactive.

Once the brakes have reached an acceptable temperature, the message will disappear (or the warning indicator will extinguish) and HDC will, if required, resume operation.

## **SYSTEM FAULT**

If a fault is detected in the HDC system, an **HDC** warning will be displayed in the message center.

If the fault is detected while the system is operating, HDC will then fade out.

If a fault is detected, contact your Land Rover Retailer as soon as possible.

## **AUTOMATIC SYSTEMS**

**Gradient Acceleration Control (GAC)** and **Hill Start Assist** are not active while HDC is operating.

GAC will limit vehicle acceleration on steep descents, allowing the driver to feel more in control of the vehicle.

Hill Start Assist activates when starting a hill ascent from a stationary position. When the foot brake is released Hill Start smoothly releases the brake pressure, allowing the vehicle to move away without rolling backwards.

Any fault with GAC or Hill Start Assist will be indicated by the DSC warning lamp being illuminated and a message in the message center.