


Adaptive brake assistant*

In conjunction with the active cruise control with the stop-and-go function, the adaptive brake assistant ensures that the brake responds even more quickly during braking with the brake assistant.

DSC Dynamic Stability Control

DSC prevents traction loss in the driving wheels when starting off and accelerating. The system also identifies unstable driving conditions, such as a loss of traction at the rear of the vehicle or sliding of the vehicle in its front wheels. In these cases, DSC helps the vehicle maintain a safe course within physical limits by reducing engine output and through braking actions in the individual wheels.

 The laws of physics cannot be repealed, even with DSC. An appropriate driving style always remains the responsibility of the driver. Therefore, do not restrict the additional safety margin with a risky driving style, as otherwise there is a risk of an accident. ◀

Deactivating DSC



Press the button until the DSC indicator lamp in the instrument cluster lights up, but not longer than approx. 10 seconds. DTC Dynamic Traction Control and DSC are deactivated together. Stabilizing and drive output promoting actions are no longer executed. In addition, the stability promoting intervention of the active steering* is deactivated, refer to page 98.

A message appears on the Control Display. Please note any supplementary information that appears there.

To increase vehicle stability, activate DSC again as soon as possible.

Activating DSC

Press the button; the indicator lamp in the instrument cluster goes out.

For better control



The indicator lamp flashes: DSC controls the drive forces and brake forces.

The indicator lamp lights up: DSC is deactivated.

DTC Dynamic Traction Control

DTC is a version of DSC in which the drive output is optimized for particular road conditions, e.g. unplowed snow-covered roads. The system assures the maximal drive output, but with reduced driving stability. It is therefore necessary to drive with appropriate caution.

You may find it useful to briefly activate DTC under the following special circumstances:

- ▷ When driving on snowy inclines, in slush, or on unplowed, snow-covered road surfaces
- ▷ When rocking a stuck vehicle free or starting off in deep snow or on loose ground
- ▷ When driving with snow chains*

Activating DTC



Press the button briefly; the DTC indicator lamp in the instrument cluster lights up.

For better control



The indicator lamp flashes:
DTC controls the drive forces and brake forces.



The indicator lamp lights up:
DTC is activated.

Deactivating DTC

Press the button again; the DTC indicator lamp in the instrument cluster goes out.

xDrive on 528xi, 535xi

xDrive is the 4-wheel drive system of your BMW. The combined effects of xDrive and DSC further optimize the traction and dynamic driving characteristics. The 4-wheel drive system xDrive variably distributes the drive torque to the front and rear axle depending on the driving situation and prevailing road conditions.

HDC Hill Descent Control on 528xi, 535xi

The concept

HDC is a system for driving downhill in steep terrain. This system reduces vehicle speed on steep downhill gradients, thus allowing you to maintain even better control of your BMW under these conditions. The vehicle moves at approximately twice walking speed without active intervention from the driver.

HDC is available for activation at vehicle speeds below approx. 22 mph/35 km/h. When driving down steep hills with a speed below approx. 22 mph/35 km/h, the vehicle reduces speed automatically down to approximately double walking speed, approx. 7 mph/12 km/h, and then maintains this speed at a constant.

You can use the accelerator or brakes to vary this automatically controlled speed within a range extending from approx. 3 mph/5 km/h to 15 mph/25 km/h.

You can specify a target speed within the same range by using the lever of the cruise control*.

Activating HDC

You can activate HDC:

- ▷ with the programmable buttons on the steering wheel, refer to page 54
- ▷ using iDrive

iDrive, for explanation of principle, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Settings" and press the controller.
4. Select "Vehicle / Tires" and press the controller.
5. Change to upper field if necessary. Turn the controller until "HDC" is selected and press the controller.



6. Select "HDC on" and press the controller.

HDC is shown in the instrument cluster.

If the vehicle is automatically braked, a message is displayed on the Control Display for approx. 20 seconds.

Deactivating HDC

When you use the programmable buttons on the steering wheel or via iDrive, the HDC display goes out.

HDC is automatically deactivated in the following situations:

- ▷ Above approx. 37 mph/60 km/h
- ▷ After switching off the ignition