

Acceleration Slip Regulation (ASR)

The acceleration slip regulation will engage at all vehicle speeds, if one or both drive wheels begin to lose traction and spin due to excessive acceleration. While engaged, the yellow warning lamp in the speedometer lights up.

With the acceleration slip regulation engaged, the brake is applied to the spinning drive wheel until it regains sufficient traction. If both drive wheels lose traction and spin, the brake is applied to both drive wheels and simultaneously, engine torque is limited.

As traction on the road surface increases, the allowable engine torque also increases again and the brake is no longer applied to drive wheels.

Caution!

If the vehicle is towed with the front axle raised (see *Towing the vehicle* in Index), the key must not be in steering lock position 2. Otherwise, the acceleration slip regulation will immediately be engaged and will apply the rear wheel brakes.

Notes:

With the key in steering lock position 2, the yellow warning lamp and the yellow ASR malfunction indicator lamp in the instrument cluster come on. They must go out when the engine is running.

If the ASR malfunction indicator lamp comes on with the engine running, a malfunction has been detected. Pressing the accelerator pedal will require greater effort. Only partial engine output is available.

Have the ASR checked at your authorized Mercedes-Benz dealer as soon as possible.

Driving the vehicle with varied size tires will cause the wheels to rotate at different speeds, therefore the acceleration slip regulation will activate (yellow ASR warning lamp in instrument cluster comes on). For this reason, all wheels, including the spare wheel, must have the same tire size.

When testing the parking brake on a brake test dynamometer, the key must not be in steering lock position 2. Otherwise, the acceleration slip regulation will immediately be engaged and will apply the rear wheel brakes.

In winter operation, the maximum effectiveness of the acceleration slip regulation is only achieved with Mercedes-Benz recommended M + S radial-ply tires and/or snow chains.

On vehicles equipped with acceleration slip regulation, the brake pad wear warning lamp indicates brake pad wear for the front as well as the rear brakes.