

Dynamic emergency braking function

Pulling the parking brake pressure switch F234 slows the vehicle at a maximum deceleration rate of 8 m/s^2 . Operation corresponds to that of the handbrake lever. The vehicle is braked as long as the switch is pulled. Braking action is terminated on releasing the switch.

If the vehicle is travelling at a speed of more than 8 km/h , braking is implemented by the ESP. With the accelerator pedal still pressed, engine torque is reduced to idling level and brake pressure is built up by the ESP assembly at all four wheel brakes. The cruise control system is deactivated if in operation.

Actuation of the switch at vehicle speeds below 8 km/h causes the parking brake to be applied.

To prevent possible incorrect operation (triggered for example by the front passenger), active emergency braking function is deactivated as soon as the accelerator is pressed again.

