

Driver assistance systems

Vehicle equipment

This chapter describes equipment, systems and functions which are offered or will be offered on a model-specific basis, even if they are not included in the vehicle in question.

For further information:

Vehicle equipment, see page 7.

Speed limit warning

Principle

The speed limit warning can be used to set a speed limit. A warning will be issued when this speed limit is exceeded.

General

The warning is repeated if the set speed limit is exceeded again after dropping below it by 5 km/h/3 mph.

Activating/deactivating the speed limit warning



1. Press the button.
2. "Driver assistance"
3. "Driving"
4. "Safety and warnings"
5. "Speed warning"

Setting the speed



1. Press the button.
2. "Driver assistance"
3. "Driving"
4. "Safety and warnings"

5. "Speed warning"
6. "Adopt current speed"
7. Select the desired setting.

Setting the current speed as the speed limit warning



1. Press the button.
2. "Driver assistance"
3. "Driving"
4. "Safety and warnings"
5. "Speed warning"
6. "Adopt current speed"

Cruise Control Systems

Principle

The Cruise Control Systems provide support when driving.

General

Depending on the equipment, the Cruise Control Systems include the following individual systems.

- ▶ Speed limiter, see page 229.
- ▶ Cruise Control, see page 231.
- ▶ Distance control, see page 233.
- ▶ Assisted Driving, see page 239.
- ▶ Assisted Driving Plus, see page 243.

Depending on the equipment and national-market version, the individual systems are enhanced with additional functions.





Safety note

WARNING



The system does not relieve you of your personal responsibility to assess the traffic situation correctly. Due to system limitations, it cannot respond independently and appropriately in all traffic conditions. There is a risk of accident. Adapt your driving style to the traffic conditions. Observe the traffic situation and intervene actively if the situation warrants it.






Overview

Buttons on the steering wheel

Button	Function
	Turn last active Cruise Control System on/off. Interrupt and continue Cruise Control Systems.
	Select the desired Cruise Control System.
	To store the current speed. Speed Limit Assist: to accept the suggested speed manually.
	To set the speed.

Turning on/selecting Cruise Control Systems

-  Turn on: press the button.
-  Select: when the system active, press the button repeatedly until the desired Cruise Control System is displayed in the toolbar in the instrument cluster.

Icon	Cruise Control System
	Manual Speed Limiter.
	Cruise Control.
	Distance control.
	Assisted Driving. Cruise Control with distance control, Steering Assistant and tracking.
	Assisted Driving Plus. System for traffic queues.

The selected function is shown in green.

The function is displayed in grey when the functional requirements are not met.



The setting is saved for the current driver profile.

Interrupting Cruise Control Systems automatically

Depending on the system, Cruise Control Systems are interrupted automatically, for example, in the following situations:

- ▶ Depending on the system, when exiting selector lever position D to P, N or R.
- ▶ The Dynamic Stability Control adjusts.
- ▶ The Dynamic Stability Control is restricted.
- ▶ When braking manually.

Interrupting Cruise Control Systems manually

- ▶  Press the button.
- ▶  Press button to select another Cruise Control System.

Continuing Cruise Control Systems



Press the button.

Turning off Cruise Control Systems automatically

The Cruise Control Systems turn off automatically when the drive-ready state is turned off.

Turning off Cruise Control Systems manually



Press and hold the button.

The Cruise Control Systems are turned off and the displays are no longer illuminated.

Adjusting speed values



Press the corresponding button repeatedly until the desired value is set.

- ▶ Press the corresponding button up to the resistance point to increase or decrease the set speed by 1 km/h/1 mph.
- ▶ Press the button past the resistance point to change the set speed by 10 in the km/h display or by 5 in the mph display in the speedometer.

Display in the instrument cluster



A mark is displayed on the speedometer for the set speed.

- ▶ Green marker: system is active.
- ▶ Grey mark: the system is interrupted.
- ▶ No marker: system is switched off.

Manual Speed Limiter

Principle

The Manual Speed Limiter can be used to set a speed limit, for instance to prevent the vehicle from exceeding speed limits.

General

The system allows speeds of 30 km/h/20 mph and above to be set as a speed limit. Below the set speed limit, the vehicle can be driven without restriction.

Overview

Buttons on the steering wheel

Button	Function
	Turn last active Cruise Control System on/off. Interrupt and continue Cruise Control Systems.
	Select the desired Cruise Control System.
	To store the current speed. Speed Limit Assist: to accept the suggested speed manually.
	To set the speed.

Operation

Turning on the speed limiter

1. If necessary, press the button.
2. If necessary, press the button repeatedly until the speed limiter is selected.

The current speed is adopted as the speed limit.

When switching on at a standstill or driving at low speed, 30 km/h/20 mph is set as the speed limit.

The speedometer marker is set to the appropriate speed.

When the speed limit is turned on, the drive mode may change.

Turning the Cruise Control System on/off

The Cruise Control System can be turned off or cancelled automatically or manually.

For further information:

Cruise Control Systems, see page 227.

Changing the speed limit



Press the corresponding button repeatedly until the desired speed limit is set.

If the set speed limit is reached or unintentionally exceeded, for example when driving downhill, there is no active brake intervention.

When Speed Limit Assist is not active, the current speed can be stored by pressing a button:



Press the button.

Exceeding of speed limit

The system gives a warning if the vehicle's speed exceeds the set speed limit.

You can intentionally exceed the speed limit.

There is no warning in such a case.

To intentionally exceed the set speed limit, press the accelerator pedal all the way down.

The limit automatically becomes active again as soon as the current speed falls below the set speed limit.

Warning when the speed limit is exceeded

Visual warning



If the speed limit is exceeded: the indicator light in the instrument cluster flashes as long as the vehicle speed is greater than the set speed limit.

Acoustic warning

- ▶ A warning sounds if you inadvertently exceed the set speed limit.
- ▶ If the speed limit is reduced to below the driven speed during the journey, the signal sounds after a little time.
- ▶ No signal sounds if you intentionally exceed the speed limit by fully pressing the accelerator pedal.

Displays in the instrument cluster

Display in the speedometer



- ▶ Green marker: system is active.
- ▶ Grey mark: the system is interrupted.
- ▶ No marker: system is switched off.

Indicator light



- ▶ Indicator light illuminates: the system is switched on.
- ▶ Indicator light flashes: set speed limit is exceeded.
- ▶ Grey indicator light: the system is interrupted.

Displays in the Head-up display

Depending on the equipment, some system information can also be displayed in the Head-up display.