



- ▶ Green marker: system is active, the marker shows the set speed.
  - ▶ Grey marker: system is interrupted; the marker shows the stored speed.
- ▶ No marker: system is switched off.

### Indicator light



- ▶ Green indicator light: the system is active.
  - ▶ Grey indicator light: the system is interrupted.
- ▶ No indicator light: the system is switched off.

### Displays in the Head-up display

Some information from the system can also be shown in the Head-up display.



The icon is displayed when the selected set speed has been reached.

### System limits

The set speed is also maintained when driving downhill. The vehicle may not achieve the set speed on uphill gradients if there is not enough drive power.

In ECO PRO drive mode, it is possible that the vehicle will drive faster or slower than the set speed setting in some situations, for example on downhill or uphill gradients.

## Active Cruise Control with distance control

### Principle

Active Cruise Control allows the driver to specify a set speed and a desired distance from the vehicle in front, using the buttons on the steering wheel.

### General

When the road ahead is clear, the system maintains the set speed. The vehicle accelerates or brakes automatically.

If there is a vehicle driving in front, the system adapts the speed of your vehicle in order to maintain the set distance from the vehicle ahead. The speed is adapted as far as the given situation allows.

The distance can be set in several stages and for safety reasons is dependent on the respective speed.

If the vehicle ahead brakes to a standstill and sets off again shortly afterwards, the system is able to comprehend this as far as the given conditions allow.

Otherwise, drive off yourself, for example by pressing the accelerator pedal or rocker switch on the steering wheel.

Depending on the vehicle setting, the characteristics of Cruise Control may change in certain areas, for example acceleration in ECO PRO drive mode is less pronounced.

### Safety notes

#### **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.

#### **WARNING**

An unsecured vehicle can start moving and rolling away. There is a risk of accident. Before leaving the vehicle, secure it to prevent it from rolling away.

Observe the following to ensure that the vehicle is secured against rolling away:

- ▷ Apply the parking brake.
- ▷ Turn the front wheels towards the kerb on upward or downward gradients.
- ▷ Additionally secure the vehicle on upward or downward gradients, for example with a chock.

### **WARNING**

The desired speed may be set incorrectly by mistake or called up accidentally. There is a risk of accident. Adjust the desired speed to the traffic conditions. Observe the traffic situation and intervene actively if the situation warrants it.

### **WARNING**











There is a risk of accident if the difference in speed relative to other vehicles is too great. This may occur, for example, in the following situations:

- ▷ When quickly approaching a slowly moving vehicle.
- ▷ If another vehicle suddenly veers into the vehicle's own lane.
- ▷ When quickly approaching stationary vehicles.

There is a risk of injury or even death. Observe the traffic situation and intervene actively if the situation warrants it.

## Overview

### Buttons on the steering wheel

Button	Function
	With Steering and Lane Control Assistant: Cruise Control on/off.
	With Steering and Lane Control Assistant: To select the function.
	Without Steering and Lane Control Assistant: Cruise Control on/off.
	To store the current speed. Speed Limit Assist: to accept the suggested speed manually.
	With Steering and Lane Control Assistant: To interrupt Cruise Control. To resume Cruise Control with last setting.
	Without Steering and Lane Control Assistant: To resume Cruise Control with last setting.
	Without Steering and Lane Control Assistant: To interrupt Cruise Control.
	To increase the distance. To switch distance control on/off.
	To reduce the distance. To switch distance control on/off.
	Rocker switch: To set the speed.

## Sensors

The system is controlled using the following sensors:

- ▶ Cameras behind the windscreen.
- ▶ Front radar sensor.

For further information:

Sensors in the vehicle, see page 47.

## Use

The system can be used to optimum effect on well-constructed roads.

The minimum speed that can be set is 30 km/h/20 mph.

The maximum speed which can be set is limited and depends on the vehicle and its equipment, for example.


Higher speeds can be set by switching to Cruise Control without distance control.


The system can also be activated when the vehicle is at a standstill.

## Turning the Cruise Control on/off or interrupting it


### Steering and Lane Control Assistant: Assisted Driving Mode



#### General

 The button is used to switch the set function on and off.

 The button is used to set the primary function.

#### Setting the function



 When the system is active, press the button repeatedly until the desired function is selected in the toolbar. The Assisted Driving Mode toolbar is shown at the bottom of the instrument cluster.

Icon	Function
	Cruise Control with distance control.
	Cruise Control with distance control and Steering and Lane Control Assistant.

The selected function is shown in green.

## Turning on the system

With Steering and Lane Control Assistant:

1.  Press the button on the steering wheel.
2.  Set Cruise Control if necessary.

Without Steering and Lane Control Assistant:

 Press the button on the steering wheel.

The indicator lights are illuminated in the instrument cluster and the marker in the speedometer is positioned at the current speed.


Cruise Control is active. The driven speed is maintained and stored as the set speed.


If necessary, the Dynamic Stability Control will be turned on.

## Switching the system off

When switching off with the vehicle at a standstill, depress the brake at the same time.

Press the button on the steering wheel:

 With Steering and Lane Control Assistant.

 Without Steering and Lane Control Assistant.

The displays turn off. The stored set speed is deleted.

## Manually interrupting the system

With the system active, press the button on the steering wheel:



With Steering and Lane Control Assistant.



Without Steering and Lane Control Assistant.

If interrupting the system when the vehicle is at a standstill, depress the brake at the same time.

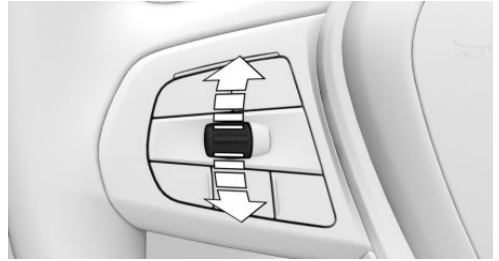
## Interrupting the system automatically

The system is interrupted automatically in the following situations:

- ▶ The driver brakes.
- ▶ Selector lever position D is disengaged.
- ▶ Dynamic Traction Control is activated or Dynamic Stability Control is deactivated.
- ▶ The Dynamic Stability Control adjusts.
- ▶ When the vehicle is stationary, the seat belt is unfastened and the driver's door is opened.
- ▶ The system has not detected any objects for an extended period, for example, on a road with very little traffic without curb or shoulder markings.
- ▶ The detection range of the radar is impaired, for example, by contamination or heavy precipitation.
- ▶ After an extended stationary period, if the vehicle was decelerated to a standstill by the system.

## Setting the speed

### Maintaining and saving the speed



While the system is interrupted, press the rocker switch up or down once. The system is activated.

The current speed is maintained and stored as the set speed.

The stored speed is displayed on the speedometer.

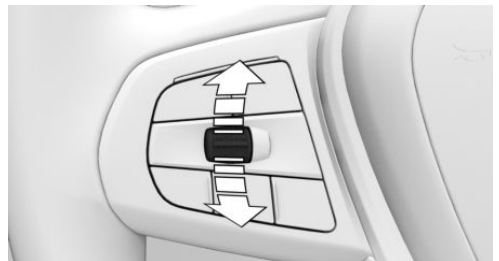
If necessary, the Dynamic Stability Control will be turned on.

The speed can also be stored by pressing the button.



Press the button.

### Changing the speed



Press the rocker switch repeatedly up or down until the set speed is set.

If the system is active, the displayed speed is stored and the vehicle adjusts to the stored speed when the road is clear.

- ▶ Each time the rocker switch is tapped to the resistance point, the set speed is increased or decreased by 1 km/h, 1 mph.
- ▶ Each time the rocker switch is pressed beyond the resistance point, the set speed changes to the next multiple of 10 km/h on the km/h display or the next multiple of 5 mph on the mph display in the speedometer.

To repeat an action, hold the rocker switch in the relevant position.

## Adjusting the distance

### Safety note

#### WARNING

The system does not relieve you of your personal responsibility. System limitations may mean that braking is performed too late. There is a risk of accident or material damage. Pay close attention to the traffic conditions at all times. Adapt the distance to suit traffic and weather conditions and comply with the prescribed safe distance by braking if necessary.

### Reducing the distance



Press the button repeatedly until the desired distance is set.

The selected distance is displayed in the instrument cluster.

### Increasing the distance



Press the button repeatedly until the desired distance is set.

The selected distance is displayed in the instrument cluster.

### Adapting the distance automatically

Depending on the equipment and national-market version: the system can be configured so that the distance to the vehicle in front is adapted au-

tomatically within the set distance according to the traffic situation or environmental factors, for example, poor visibility.

1. "MENU"
2. "Vehicle apps"
3. "Driving settings"
4. "Driver assistance"
5. "Driving"
6. "Speed Assistant"
7. "Adjust distance based on conditions"

## Resuming Cruise Control

If Cruise Control is interrupted, it can be resumed by calling up the stored speed.

Before calling up the stored speed, make sure that the difference between the current speed and the stored speed is not too great. Otherwise, there may be unintentional deceleration or acceleration.

With the system interrupted, press the button on the steering wheel:



With Steering and Lane Control Assistant.



Without Steering and Lane Control Assistant.

Cruise Control is resumed with the stored values.

In the following instances, the stored speed value is deleted and therefore cannot be called up again:

- ▶ When the system is switched off.
- ▶ When drive-ready state is switched off.

## Switching between Cruise Control with/without distance control


### Safety note


#### WARNING

The system does not respond to traffic traveling in front of you, but instead maintains the stored speed. There is a risk of accident or material damage. Adjust the desired speed to the traffic conditions and brake if necessary.


### Switching the Cruise Control mode

To switch Cruise Control without distance control on and off:

- ▶  Press and hold the button.

- ▶  Press and hold the button.

With Steering and Lane Control Assistant: to switch on distance control:

- ▶  Press the button.

Without Steering and Lane Control Assistant: to switch on distance control:

- ▶  Press the button.

- ▶  Press the button.

A Check Control message is then displayed.

### Displays in the instrument cluster

#### General

Depending on the equipment, the displays in the instrument cluster may vary.

### Display in the speedometer




Depending on the equipment, a mark in the speedometer displays the status of the system.





- ▶ Green marker: system is active, the marker shows the set speed.
- ▶ Grey marker: system is interrupted; the marker shows the stored speed.
- ▶ No marker: system is switched off.

### Indicator and warning lights

Depending on the equipment:

Icon	Description
	White vehicle icon: No display of distance control because the accelerator pedal is being pressed.
	Green icon: Vehicle ahead detected. The vehicle icon goes out if no vehicle in front is detected. Vehicle icon flashes green: Preceding vehicle has driven off.
	Grey icon: System interrupted.

Icon	Description
	<p>Icon flashes grey:</p> <p>The requirements for system operation are no longer being met.</p> <p>The system has been deactivated but will continue to brake until you actively take over by depressing the brake or accelerator pedal.</p>
	<p>Vehicle icon flashes red and an acoustic signal sounds:</p> <p>Brake and take avoidance manoeuvre if necessary.</p>

## Displays in the Head-up display

### Set speed

Some information from the system can also be shown in the Head-up display.



The icon is displayed when the selected set speed has been reached.

### Distance information



The icon is shown if your vehicle is too close to the vehicle ahead.

The distance information is active under the following circumstances:

- ▶ Active Cruise Control with Distance control is switched off.
- ▶ Display in the Head-up display selected. Head-up display, see page 174.
- ▶ Distance too close.
- ▶ Speed above approximately 70 km/h, 40 mph.

## With Steering and Lane Control Assistant: prevent overtaking

This function helps to prevent inadvertent overtaking on motorways.

Depending on the equipment and the national-market version, the system can be configured to prevent overtaking in the slower driving lane.

The setting applies to speeds over 80 km/h/50 mph.

When the set speed is significantly higher than the speed in the adjacent lane, passing or overtaking may still be possible even if the function is switched on.

At speeds below 80 km/h/50 mph, vehicles on motorways are only overtaken with an adjusted differential speed.

The driver can overtake or accelerate at any time by pressing the accelerator pedal.

Turning the function on/off:

1. "MENU"
2. "Vehicle apps"
3. "Driving settings"
4. "Driver assistance"
5. "Driving"
6. "Speed Assistant"
7. ▶ "Avoid overtaking on the left"
  - ▶ "Avoid overtaking on the right"

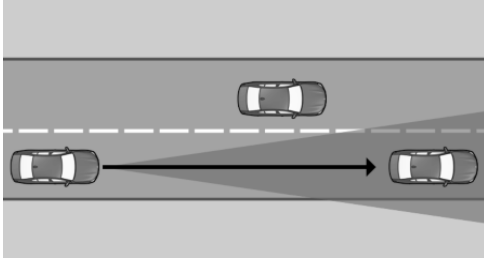
## System limits

### System limits of the sensors

For further information:

- ▶ Cameras, see page 47.
- ▶ Radar sensors, see page 48.

## Detection range



The system's detection capability and automatic braking capacity are limited.

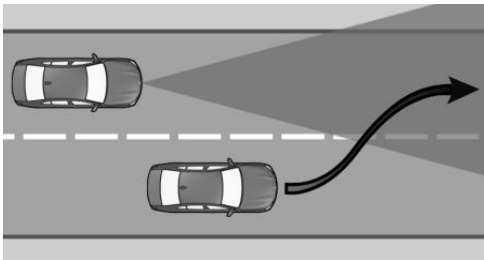
For example, two-wheel vehicles may not be detected.

## Deceleration

The system does not decelerate in the following situations:

- ▷ For pedestrians or similarly slow road users.
- ▷ Depending on the equipment and national-market version at red traffic lights.
- ▷ For crossing traffic.
- ▷ For oncoming vehicles.

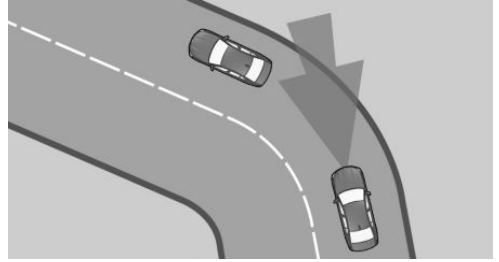
## Vehicles cutting in



If another vehicle suddenly cuts in front of you, the system might not be able to restore the selected distance automatically. In some circumstances, it may also not be possible to restore the selected distance if you are driving significantly faster than vehicles in front, for example when rapidly approaching a lorry. If a vehicle is clearly detected in front of you, the system

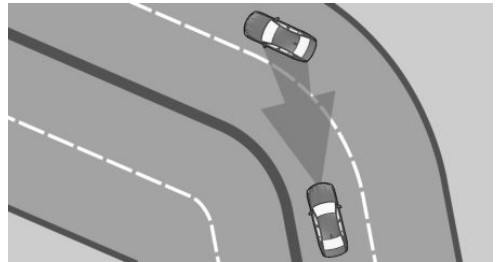
prompts you to intervene by braking, and if necessary by taking avoidance manoeuvre.

## Cornering



If the set speed is too high for cornering, it will be reduced slightly in the bend. However, since bends may not be anticipated in advance, moderate your speed when cornering.

The system has a restricted detection range. Situations can arise on tight bends where a vehicle driving in front will not be detected or will be detected very late.



When your vehicle is approaching a bend, the curvature may cause the system to respond temporarily to vehicles in the other lane. If the system responds by decelerating the vehicle, you may compensate for this by accelerating briefly. When the accelerator pedal is released again, the system will resume control of the vehicle's speed.

## Driving off

The vehicle cannot drive off automatically in some situations, for example:



- ▶ On steep upward gradients.
- ▶ Before bumps or rises in the road.
- ▶ When towing a heavy trailer.

In such cases, press the accelerator pedal.

## Weather

In adverse weather and lighting conditions, system functionality may be limited as follows:

- ▶ Impaired detection of vehicles.
- ▶ Brief interruptions when vehicles have already been detected.

Pay attention when driving and respond to the prevailing traffic situation. If necessary, intervene actively, for example by braking, steering or taking avoidance manoeuvre.

## Drive power

The set speed is also maintained when driving downhill. The vehicle may not achieve the set speed on uphill gradients if there is not enough drive power.

In ECO PRO drive mode, it is possible that the vehicle will drive faster or slower than the set speed setting in some situations, for example on downhill or uphill gradients.

# Speed Limit Assist

## Principle

Speed Limit Assist helps the driver to observe speed limits. A suggested speed can be adopted.

## General

When the systems in the vehicle, for example Speed Limit Info, detect a change in the speed limit, it is possible to adopt this new speed value for the following systems:

- ▶ Manual Speed Limiter.
- ▶ Cruise Control.
- ▶ Active Cruise Control with distance control.

The speed value is proposed as a new set speed for adopting. The relevant system must be activated for the speed value to be adopted.

Depending on the equipment, destination system and national-market version, the value may be applied automatically.

With traffic light detection: Speed Limit Assist controls the speed when the vehicle approaches red traffic lights.

## Safety notes

### 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.

### WARNING

The desired speed may be set incorrectly by mistake or called up accidentally. There is a risk of accident. Adjust the desired speed to the traffic conditions. Observe the traffic situation and intervene actively if the situation warrants it.

## Overview

### Buttons on the steering wheel

Button	Function
	To accept the suggested speed manually. With traffic light detection: detected traffic lights are accepted manually.
	Rocker switch: To set the speed; see Cruise Control.