

**LINK:**  
**CONTENT & A-Z**



The Ultimate  
Driving Machine®



# OWNER'S MANUAL

## THE BMW 3 SERIES SEDAN.





# WELCOME TO BMW.

## Owner's Manual.

Thank you for choosing a BMW.

The more familiar you are with your vehicle, the better control you will have on the road. We therefore strongly suggest:

Read this Owner's Manual before starting off in your new BMW. Also use the Integrated Owner's Manual in your vehicle. It contains important information on vehicle operation that will help you make full use of the technical features available in your BMW. The manual also contains information designed to enhance operating reliability and road safety, and to contribute to maintaining the value of your BMW.

At the time of production at the plant, the printed Owner's Manual is the most current resource. After a vehicle software update – such as, a Remote Software Upgrade – the Integrated Owner's Manual for the vehicle will contain the latest information.

You can find supplementary information in the additional brochures in the on-board literature.

We wish you a safe and enjoyable ride.

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After a vehicle software update – such as, a Remote Software Upgrade – the Integrated Owner's Manual for the vehicle will contain the latest information.

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# Information

## Using this Owner's Manual

### Orientation

The fastest way to find information on a particular topic is by using the index.

An initial overview of the vehicle is provided in the first chapter.

### Validity of the Owner's Manual

#### Production of the vehicle

At the time of production at the plant, the printed Owner's Manual is the most current resource. Due to updates after the editorial deadline, differences may exist between the printed Owner's Manual and the Integrated Owner's Manual in the vehicle.

Notes on updates can be found in the appendix of the printed Owner's Manual for the vehicle.

#### After a software update in the vehicle

After a vehicle software update – such as, a Remote Software Upgrade – the Integrated Owner's Manual for the vehicle will contain the latest information.

### Owner's Manual for Navigation, Entertainment, Communication

The Owner's Manual for Navigation, Entertainment, and Communication can be obtained as a printed book from the service center.

The topics are also discussed in the Integrated Owner's Manual in the vehicle.

## Additional sources of information

### Service center

A service center will be glad to answer questions at any time.

### Internet

Vehicle information and general information on BMW, for instance, on technology, are available on the Internet: [www.bmwusa.com](http://www.bmwusa.com).

### Integrated Owner's Manual in the vehicle

The Integrated Owner's Manual specifically describes features and functions found in the vehicle. The Integrated Owner's Manual can be displayed on the Control Display.

### BMW Driver's Guide app



The BMW Driver's Guide app specifically describes features and functions found in the vehicle. The app can be displayed on smartphones and tablets.

### BMW Driver's Guide Web

Driver's Guide Web shows the most suitable information for the selected vehicle. If possible, only equipment and functions that are actually installed in the vehicle will be explained. Driver's Guide Web can be displayed in any current browser.

## Symbols and displays

### Symbols in the Owner's Manual

Symbol	Meaning
	Precautions that must be followed in order to avoid the possibility of injury to yourself and to others as well as serious damage to the vehicle.
	Measures that can be taken to help protect the environment.
"..."	Texts in vehicle used to select individual functions.
>...<	Verbal instructions to use with the voice activation system.
>>...<<	Responses generated by the voice activation system.

### Action steps

Action steps to be carried out are presented as a numbered list. The steps must be carried out in the defined order.


1. First action step.
2. Second action step.

### Enumerations

Enumerations without mandatory order or alternative possibilities are presented as a list with bullet points.

- First possibility.
- Second possibility.

### Symbols on vehicle components

 This symbol on a vehicle component indicates that further information on the component is available in the Owner's Manual.

## Vehicle features and options

This Owner's Manual describes all models and all standard, country-specific and optional equipment that is offered in the model series. Therefore, this Owner's Manual also describes and illustrates features and functions that are not available in a vehicle, for example because of the selected optional features or the country-specific version.

This also applies to safety-related functions and systems.

When using these functions and systems, the applicable laws and regulations must be observed.

For any options and equipment not described in this Owner's Manual, refer to the Supplementary Owner's Manuals.

Your BMW service center is happy to answer any questions that you may have about the features and options applicable to your vehicle.

## Status of the Owner's Manual

### Basic information

The manufacturer of your vehicle pursues a policy of constant development that is conceived to ensure that our vehicles continue to embody the highest quality and safety standards. In rare cases, therefore, the features described in this Owner's Manual may differ from those in your vehicle.

### Validity of the Owner's Manual

#### Production of the vehicle

At the time of production at the plant, the printed Owner's Manual is the most current resource. Due to updates after the editorial deadline, differences may exist between the printed Owner's

Manual and the Integrated Owner's Manual in the vehicle.

Notes on updates can be found in the appendix of the printed Owner's Manual for the vehicle.

## After a software update in the vehicle

After a vehicle software update – such as, a Remote Software Upgrade – the Integrated Owner's Manual for the vehicle will contain the latest information.

## For Your Own Safety

### Intended use

Heed the following when using the vehicle:

- ▷ Owner's Manual.
- ▷ Information on the vehicle. Do not remove stickers.
- ▷ Technical vehicle data.
- ▷ The traffic, speed, and safety laws where the vehicle is driven.
- ▷ Vehicle documents and statutory documents.

### Warranty

Your vehicle is technically configured for the operating conditions and registration requirements applying in the country of first delivery, also known as homologation. If your vehicle is to be operated in a different country it might be necessary to adapt your vehicle to potentially differing operating conditions and registration requirements. If your vehicle does not comply with the homologation requirements in a certain country you may not be able to lodge warranty claims for your vehicle there. Further information on warranty is available from a service center.

### Maintenance and repairs

Advanced technology, for instance the use of modern materials and high-performance elec-

tronics, requires suitable maintenance and repair work.

The manufacturer of the vehicle recommends that you entrust corresponding procedures to a BMW center. If you choose to use another service facility, BMW recommends use of a facility that performs work, e.g., maintenance and repair, according to BMW specifications with properly trained personnel, referred to in the Owner's Manual as "another qualified service center or repair shop".

If work is performed improperly, for instance maintenance and repair, there is a risk of subsequent damage and related safety risks.

Improperly performed work on the vehicle paint can lead to a failure or malfunction of components, e.g., the radar sensors, and thereby result in a safety risk.

### Parts and accessories

BMW recommends the use of parts and accessory products approved by BMW.

Approved parts and accessories, and advice on their use and installation are available from a BMW center.

BMW parts and accessories have been tested by BMW for their safety and suitability in BMW vehicles.

BMW warrants genuine BMW parts and accessories.

BMW does not evaluate whether each individual product from another manufacturer can be used with BMW vehicles without presenting a safety hazard, even if a country-specific official approval was issued. BMW does not evaluate whether these products are suitable for BMW vehicles under all usage conditions.

### California Proposition 65 Warning

For vehicles sold in California, the law requires vehicle manufacturers to provide the following warning:



**⚠ Warning**

Engine exhaust and a wide variety of Automobile components and parts, including components found in the interior furnishings in a vehicle, contain or emit chemicals known to the State of California to cause cancer and birth defects and reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Battery posts, terminals and related accessories contain lead and lead compounds. Batteries also contain other chemicals known to the State of California to cause cancer. Wash your hands after handling. Used engine oil contains chemicals that have caused cancer in laboratory animals. Always protect your skin by washing thoroughly with soap and water. For more information go to [www.P65Warnings.ca.gov/passenger-vehicle](http://www.P65Warnings.ca.gov/passenger-vehicle).

**⚠ Warning**

Operating, servicing and maintaining a passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to [www.P65Warnings.ca.gov/passenger-vehicle](http://www.P65Warnings.ca.gov/passenger-vehicle).

**Service and warranty**

We recommend that you read this publication thoroughly. Your vehicle is covered by the following warranties:

- ▷ New Vehicle Limited Warranty.

- ▷ Rust Perforation Limited Warranty.
- ▷ Federal Emissions System Defect Warranty.
- ▷ Federal Emissions Performance Warranty.
- ▷ California Emission Control System Limited Warranty.

Detailed information about these warranties is listed in the Service and Warranty Information Booklet for US models or in the Warranty and Service Guide Booklet for Canadian models.

Your vehicle has been specifically adapted and designed to meet the particular operating conditions and homologation requirements in your country and continental region in order to deliver the full driving pleasure while the vehicle is operated under those conditions. If you wish to operate your vehicle in another country or region, you may be required to adapt your vehicle to meet different prevailing operating conditions and homologation requirements. You should also be aware of any applicable warranty limitations or exclusions for such country or region. In such case, please contact Customer Relations for further information.

**Maintenance**

Maintain the vehicle regularly to sustain the road safety, operational reliability and the New Vehicle Limited Warranty.

Specifications for maintenance measures:

- ▷ BMW Maintenance system.
- ▷ Service and Warranty Information Booklet for US models.
- ▷ Warranty and Service Guide Booklet for Canadian models.

If the vehicle is not maintained or is improperly maintained, this could result in serious damage to the vehicle. Such damage is not covered by the BMW New Vehicle Limited Warranty.

Refer to section on engine oil change regarding recommended service intervals for oil changes.

## Data memory

### General information

Electronic control devices are installed in the vehicle. Electronic control units process data they receive from vehicle sensors, self-generate or exchange with each other. Some control units are necessary for the vehicle to function safely or provide assistance during driving, for instance driver assistance systems. Furthermore, control units facilitate comfort or infotainment functions.

Information about stored or exchanged data can be requested from the manufacturer of the vehicle, in a separate booklet, for example.

### Personal reference

Each vehicle is marked with a unique vehicle identification number. Depending on the country, the vehicle owner can be identified with the vehicle identification number, license plate and corresponding authorities. In addition, there are other options to track data collected in the vehicle to the driver or vehicle owner, for instance, via the ConnectedDrive account that is used.

### Operating data in the vehicle

Control units process data to operate the vehicle.

For example, this includes:

- ▶ Status messages for the vehicle and its individual components, e.g., wheel rotational speed, wheel speed, deceleration, lateral acceleration, engaged safety belt indicator.
- ▶ Ambient conditions, e.g., temperature, rain sensor signals.

The processed data is only processed in the vehicle itself and generally volatile. The data is not stored beyond the operating period.

Electronic components, e.g. control units and ignition keys, contain components for storing technical information. Information about the vehicle condition, component usage, maintenance recommendations, events or faults can be stored temporarily or permanently.

This information generally records the state of a component, a module, a system, or the environment, for instance:

- ▶ Operating states of system components, for instance, fill levels, tire inflation pressure, battery status.
- ▶ Malfunctions and faults in important system components, for instance lights and brakes.
- ▶ Responses by the vehicle to special situations such as airbag deployment or engagement of the driving stability control systems.
- ▶ Information on vehicle-damaging events.

The data is required to perform the control unit functions. Furthermore, it also serves to recognize and correct malfunctions, and helps the vehicle manufacturer to optimize vehicle functions.

The majority of this data is stored temporarily and is only processed within the vehicle itself. In some circumstances the vehicle may store some data for an additional but limited period of time.

When servicing, for instance during repairs, service processes, warranty cases, and quality assurance measures, this technical information can be read out from the vehicle together with the vehicle identification number.

A dealer's service center or another qualified service center or repair shop can read out the information. The socket for OBD Onboard Diagnosis required by law in the vehicle is used to read out the data.

The data is collected, processed, and used by the relevant organizations in the service network. The data documents technical conditions of the vehicle, which can be used to determine vehicle maintenance status, and facilitate quality improvement.

Fault and event memories in the vehicle can be reset when a dealer's service center or another qualified service center or repair shop performs repair or servicing work.

## Data entry and data transfer into the vehicle

### General information

Depending on the vehicle equipment, comfort and individual settings can be stored in the vehicle and modified or reset at any time.

For example, this includes:

- ▶ Settings for the seat and steering wheel positions.
- ▶ Suspension and climate control settings.

If necessary, data can be transferred to the entertainment and communication system of the vehicle, for instance via smartphone.

This includes the following depending on the respective equipment:

- ▶ Multimedia data such as music, films or photos for playback in an integrated multimedia system.
- ▶ Address book data for use in conjunction with an integrated hands-free system or an integrated navigation system.
- ▶ Entered navigation destinations.
- ▶ Data on the use of Internet services.

This data can be stored locally in the vehicle or is found on a device that has been connected to the vehicle, e.g., a smartphone, USB stick or MP3 player. If this data is stored in the vehicle, it can be deleted at any time.

This data is only transmitted to third parties upon personal request as part of the use of online services. The transmission depends on the selected settings for the use of the services.

### Incorporation of mobile devices

Depending on the vehicle equipment, mobile devices connected to the vehicle, for instance smartphones, can be controlled via the vehicle control elements.

The sound and picture from the mobile device can be played back and displayed through the multimedia system. Certain information is trans-

ferred to the mobile device at the same time. Depending on the type of incorporation, this includes, for instance position data and other general vehicle information. This optimizes the way in which selected apps, for instance navigation or music playback, work.

There is no further interaction between the mobile device and the vehicle, such as active access to vehicle data.

How the data will be processed further is determined by the provider of the particular app being used. The extent of the possible settings depends on the respective app and the operating system of the mobile device.

## Services

### General information

If the vehicle has a wireless network connection, this enables data to be exchanged between the vehicle and other systems. The wireless network connection is realized via an in-vehicle transmitter and receiver unit or via personal mobile devices brought into the vehicle, for instance smartphones. This wireless network connection enables 'online functions' to be used. These include online services and apps supplied by the vehicle manufacturer or by other providers.

### Services from the vehicle manufacturer

Where online services from the vehicle manufacturer are concerned, the corresponding functions are described in the appropriate place, for instance the Owner's Manual or manufacturer's website. The relevant legal information pertaining to data protection may also be found on the manufacturer's website. Personal data may be used to perform online services. Data is exchanged over a secure connection, for instance with the IT systems of the vehicle manufacturer intended for this purpose.

Any collection, processing, and use of personal data above and beyond that needed to provide the services must always be based on a legal

permission, contractual arrangement or consent. It is also possible to activate or deactivate the data connection as a whole. That is, with the exception of functions and services required by law such as Assist systems.

### Services from other providers

When using online services from other providers, these services are the responsibility of the relevant provider and subject to their data privacy conditions and terms of use. The vehicle manufacturer has no influence on the content exchanged during this process. Information on the way in which personal data is collected and used in relation to services from third parties, the scope of such data, and its purpose, can be obtained from the relevant service provider.

## Event Data Recorder EDR

This vehicle is equipped with an event data recorder EDR. The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less.

The EDR in this vehicle is designed to record such data as:

- ▶ How various systems in your vehicle were operating.
- ▶ Whether or not the driver and passenger safety belts were fastened.
- ▶ How far, if at all, the driver was depressing the accelerator and/or brake pedal.
- ▶ How fast the vehicle was traveling.

This data can help provide a better understanding of the circumstances in which crashes and injuries occur.

EDR data is recorded by your vehicle only if a nontrivial crash situation occurs; no data is re-

corded by the EDR under normal driving conditions and no personal data, for instance name, gender, age, and crash location, are recorded.

However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

## Vehicle identification number

### General information

Depending on the national-market version, the vehicle identification number is located in different positions in the vehicle. This chapter describes all positions that are possible for the series.

### Engine compartment



The engraved vehicle identification number can be found in the engine compartment, on the right-hand side of the vehicle.

## Right nameplate



The vehicle identification number can be found on the nameplate, on the right-hand side of the vehicle.

## Left nameplate



The vehicle identification number can be found on the nameplate, on the left-hand side of the vehicle.

## Windshield



The vehicle identification number can also be found behind the windshield.

## iDrive

It is also possible to display the vehicle identification number via iDrive.

Additional information:

Displaying the vehicle identification number and software part number, refer to page 74.

## Reporting safety defects

### For US customers

The following only applies to vehicles owned and operated in the US.

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration NHTSA, in addition to notifying BMW of North America, LLC, P.O. Box 1227, Westwood, New Jersey 07675-1227, Telephone 1-800-831-1117.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign.

However, NHTSA cannot become involved in individual problems between you, your dealer, or BMW of North America, LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to <http://www.safercar.gov>; or write to: Administrator, NHTSA, 1200 New Jersey Avenue, SE., Washington, DC 20590.

You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>.

### For Canadian customers

Canadian customers who wish to report a safety-related defect to Transport Canada, Defect Investigations and Recalls, may call the toll-free hotline 1-800-333-0510. You can also obtain other information about motor vehicle safety from <http://www.tc.gc.ca/roadsafety>.

# Owner's Manual media

## Vehicle features and options

This chapter describes all standard, country-specific and optional features offered with the series. It also describes features and functions that are not necessarily available in your vehicle, e.g., due to the selected options or country versions. This also applies to safety-related functions and systems. When using these functions and systems, the applicable laws and regulations must be observed.

## General information

### Media at a glance

You can use various media formats to call up the content in the Owner's Manual. The following Owner's Manual media formats are available:

- ▷ Printed Owner's Manual.
- ▷ Integrated Owner's Manual in the vehicle.

### Validity of the Owner's Manual

#### Production of the vehicle

At the time of production at the plant, the printed Owner's Manual is the most current resource. Due to updates after the editorial deadline, differences may exist between the printed Owner's Manual and the Integrated Owner's Manual in the vehicle.

Notes on updates can be found in the appendix of the printed Owner's Manual for the vehicle.

#### After a software update in the vehicle

After a vehicle software update – such as, a Remote Software Upgrade – the Integrated Own-

er's Manual for the vehicle will contain the latest information.

## Printed Owner's Manual

### Concept

The printed Owner's Manual describes all standard, country-specific, and optional features offered with the series.

### General information

The Owner's Manual for Navigation, Entertainment, and Communication can be obtained as a printed book from the service center.

### Supplementary Owner's Manuals

Also follow the Supplementary Owner's Manuals, which are included in addition to the onboard literature.


## Integrated Owner's Manual in the vehicle

### Concept

The Integrated Owner's Manual specifically describes features and functions found in the vehicle.

The Integrated Owner's Manual can be displayed on the Control Display.

### Selecting the Owner's Manual

1.  Press the button.
2. "CAR"
3. "Owner's Manual"
4. Select the desired method of accessing the contents.

## Scrolling through the Owner's Manual

Turn the Controller, until the next or previous contents are displayed.


## Context help

### General information

The Integrated Owner's Manual can be accessed from any menu. Depending on the selected function, either the associated description or the main menu of the Integrated Owner's Manual will be displayed.

### Opening via iDrive

Change directly to the Options menu from the function on the Control Display:

1.  Press the button.
2. "Help"

### Opening when a Check Control message is displayed

Directly from the Check Control message on the Control Display:

1.  "Owner's Manual"

## Programmable memory buttons


### General information

The entry points into the Owner's Manual can be stored on the programmable memory buttons and called up directly.


### Storing

1. Select the desired entry point via iDrive:
  - ▷ "Keyword search"
  - ▷ "Picture search"
  - ▷ "Operating tips"
  - ▷ "Quick reference"
  - ▷ "Topics"

- ▷ "Quick link"

2.  Press and hold the desired button until the displayed bar on the Control Display has loaded completely.

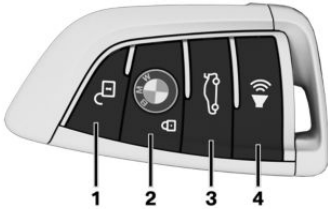
### Executing

1.  Press the corresponding button.  
The owner's manual is directly displayed at the selected entry point.

# Entering

## Opening and closing

### Buttons on the vehicle key




- 1 Unlocking
- 2 Locking
- 3 Opening the trunk lid
- 4 Panic mode, pathway lighting

### Unlocking the vehicle

 Press the button on the vehicle key.


Depending on the settings, either only the driver's door or all vehicle access points are unlocked.

If only the driver's door is unlocked, press the button on the vehicle key again to unlock the other vehicle access points.

 Press and hold the button on the vehicle key after unlocking.

The windows and the glass sunroof are opened, as long as the button on the vehicle key is pressed.

### Locking the vehicle

1. Close the driver's door.
2.  Press the button on the vehicle key.  
All vehicle access points are locked.

## Buttons for the central locking system

### Overview



Buttons for the central locking system.

### Locking

 Press the button with the front doors closed.


The fuel filler flap remains unlocked.

### Unlocking

 Press the button.

### Panic mode

You can trigger the alarm system if you find yourself in a dangerous situation.

 ▶ Press the button on the vehicle key and hold for at least 3 seconds.

▶ Briefly press the button on the vehicle key three times in succession.

To switch off the alarm: press any button.



## Comfort Access

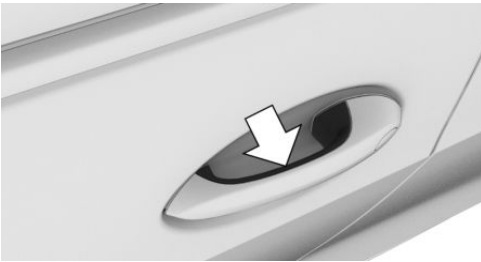
### Concept

The vehicle can be accessed without operating the vehicle key.

Carrying the vehicle key with you, e.g., in your pants pocket, is sufficient.

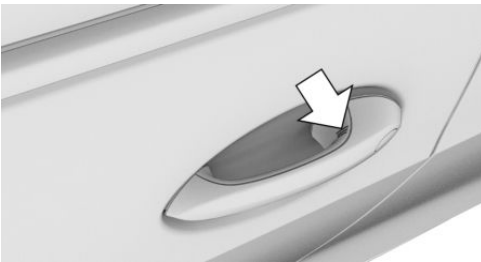
The vehicle automatically detects the vehicle key when it is in close proximity or in the car's interior.

### Unlocking the vehicle



Grasp the handle of a vehicle door completely.

### Locking the vehicle



Touch the grooved surface on the handle of a closed vehicle door with your finger for approx. 1 second without grasping the door handle.

## Opening and closing the trunk lid with no-touch activation

### Concept

The trunk lid can be opened and closed with no-touch activation using the vehicle key you are carrying.

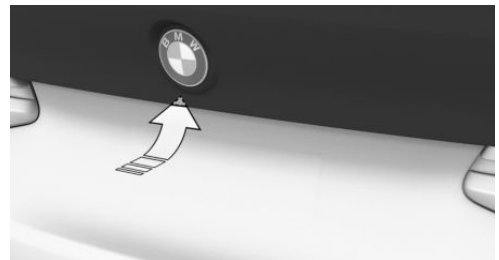
### Performing the foot movement


1. Stand in the middle behind the vehicle at approx. one arm's length away from the rear of the vehicle.
2. Wave a foot under the vehicle in the direction of travel and immediately pull it back. With this movement, the leg must pass through the ranges of both sensors.



## Trunk lid

### Opening



- ▷ Unlock the vehicle and then press the button on the outside of the trunk lid.
- ▷  Press and hold the button on the vehicle key for approx. 1 second.

Depending on the setting, the doors may also be unlocked.

### Without automatic tailgate operation: closing

Close the trunk lid manually.

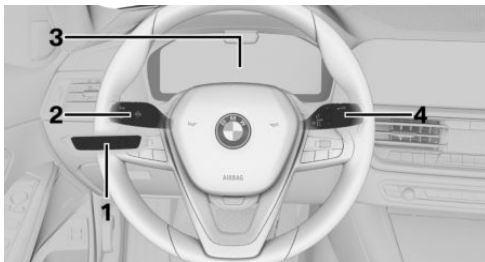
### With automatic tailgate operation: closing



Press the button on the inside of the trunk lid.

## Displays, control elements

### In the vicinity of the steering wheel



- 1 Light switch element
- 2 Turn signal indicator, high beams
- 3 Instrument cluster
- 4 Wipers

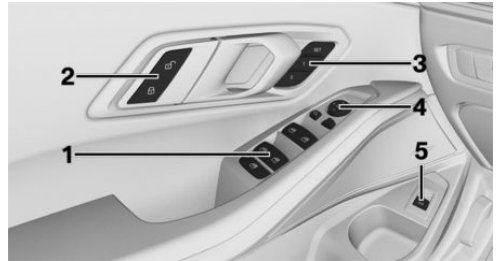
### Indicator/warning lights

#### Instrument cluster

The indicator/warning lights can light up in a variety of combinations and colors.

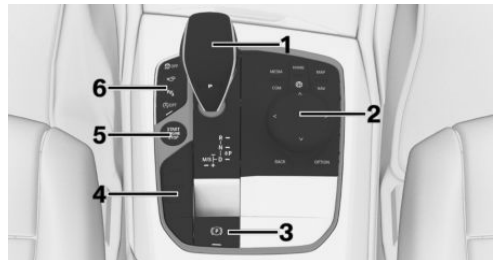
Several of the lights are checked for proper functioning and light up temporarily when drive-ready state is switched on.

### Driver's door



- 1 Power windows
- 2 Central locking system
- 3 Seats, comfort features
- 4 Exterior mirrors
- 5 Opening/closing trunk lid

### Switch console











- 1 Selector lever/gearshift lever
- 2 Controller
- 3 Parking brake, Automatic Hold
- 4 Driving Dynamics Control
- 5 Start/Stop button
- 6 Assistance systems

### iDrive

#### Concept


The iDrive combines the functions of many switches. These functions can be operated via the Controller.


## Buttons on the Controller

Button	Function
	Opens the main menu.
	Go to Apps menu.
	Opens the Media/Radio menu.
	Opens the Communication menu.
	Opens navigation map.
	Opens destination input menu for navigation.
	Opens the previous display.
	Opens the Options menu.

## Voice activation

### Activating the voice activation system


-  Press the button on the steering wheel.
- Wait for the signal.
- Say the command.

 This symbol indicates that the voice activation system is active.

No other commands may be available. In this case, operate the function via iDrive.

### Terminating the voice activation system

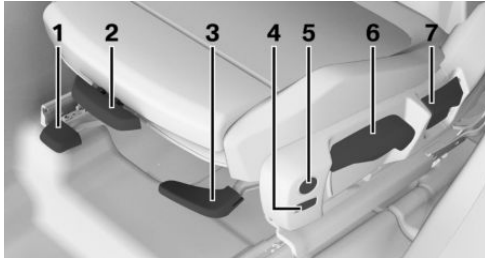
 Press the button on the steering wheel or **Cancel**.

 This symbol indicates that the voice activation system is deactivated.

# Set-up and use

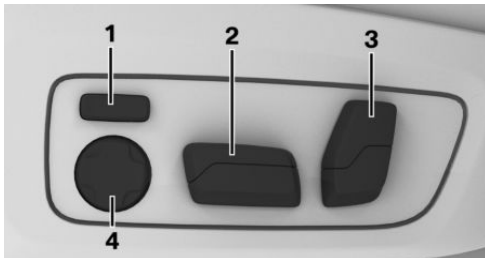
## Seats, mirrors and steering wheel

### Manually adjustable seats



- 1 Forward/backward
- 2 Thigh support
- 3 Seat tilt
- 4 Backrest width
- 5 Lumbar support
- 6 Height
- 7 Backrest tilt

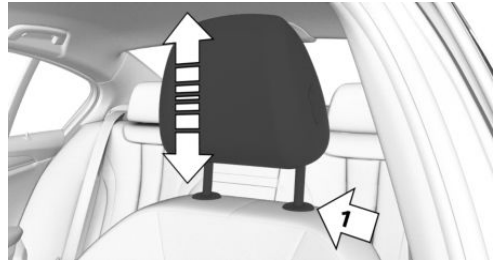
### Electrically adjustable seats



- 1 Backrest width
- 2 Forward/backward, height, seat tilt
- 3 Backrest tilt, head restraint
- 4 Lumbar support

### Adjusting the head restraint

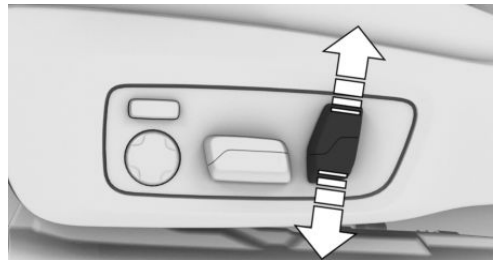
#### Adjusting the height: manual head restraints



- ▷ To lower: press the button, arrow 1, and push the head restraint down.
- ▷ To raise: push the head restraint up.

After setting the height, make sure that the head restraint engages correctly.

#### Adjusting the height: power head restraints



Push switch up or down.

## Distance to the back of the head



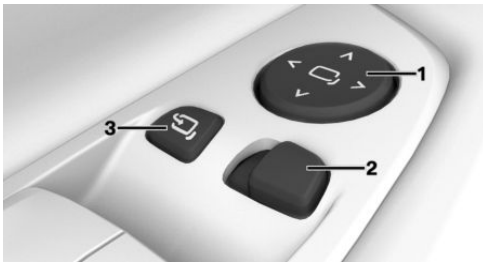
- ▷ Back: press the button and push the head restraint toward the rear.
- ▷ Forward: pull the head restraint toward the front.

After setting the distance, make sure that the head restraint engages correctly.

## Adjusting the distance: M Sport seat

The distance to the back of the head is adjusted via the backrest tilt.

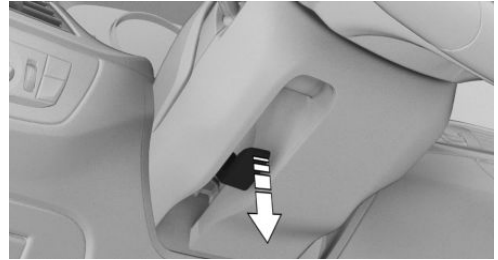
## Adjusting the exterior mirrors



- 1 Adjusting
- 2 Selecting a mirror, Automatic Curb Monitor
- 3 Folding in and out

## Adjusting the steering wheel

### Manual steering wheel setting



1. Fold the lever down.
2. Move the steering wheel to the preferred height and angle to suit your seat position.
3. Fold the lever back up.

## Memory function

### Concept

The following settings can be stored and, if necessary, retrieved using the memory function:

- ▷ Seat position.
- ▷ Exterior mirror position.
- ▷ Height of the Head-up Display.

### Storing

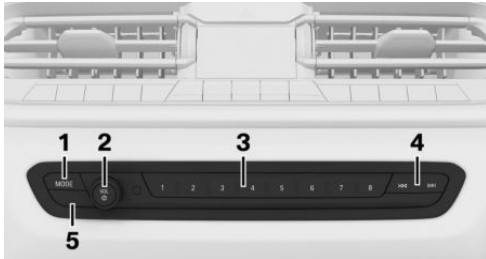
1. Set the desired position.
2. **SET** Press button on the door. The writing on the button lights up.
3. Press the desired button 1 or 2 at the door while the writing is lit. A signal sounds.

### Calling up settings

Press the desired button 1 or 2.

## Infotainment



### Radio



- 1 Changing the entertainment source
- 2 Sound output on/off, volume
- 3 Programmable memory buttons
- 4 Changing the station/track
- 5 Waveband/satellite radio

### Navigation destination input

#### Entering a destination via quick search

1.  Press the button on the Controller.
2.  "Where to?"
3. Enter at least two letters or characters.  
The search term may be completed automatically in gray print.  
Press or move the controller up to apply the suggested search term.
4. **OK** Select the symbol, if needed.  
Results are displayed in a list.
5. "Search location": select search area.
6. Move the Controller to the right.
7. Select desired destination.

### Connecting a mobile phone

#### General information

After the mobile phone is connected once to the vehicle, the mobile phone can be operated using iDrive and the steering wheel buttons.

#### Connecting the mobile phone via Bluetooth

1. "COM"
2. If necessary, select the following setting: "Telephone"
3. "Connect new phone"
4. To perform additional steps on the mobile phone, refer to the mobile phone owner's manual: e.g., search for or connect the Bluetooth device or a new device.

The Bluetooth name of the vehicle appears on the mobile phone display. Select the Bluetooth name of the vehicle.

5. Depending on the mobile device, a control number is displayed or the control number must be entered.
  - ▶ Compare the control number displayed on the Control Display with the control number on the display of the device.  
Confirm the control number on the device and on the Control Display.
  - ▶ Enter and confirm the same control number on the device and via iDrive.

The device is connected and displayed in the device list.

### Using the telephone

#### Accepting a call


Depending on the equipment, incoming calls can be answered in several ways.

- ▶ Via iDrive:
  -  "Accept"
  - ▶  / 


Press the corresponding button on the steering wheel.

- ▶ Via the selection list in the instrument cluster:  
Use the thumbwheel on the steering wheel to select: "Accept"
- ▶ Via touch screen: tap on the corresponding entry on the Control Display.
- ▶ Via gestures: point the index finger into the direction of the Control Display.

## Dialing a number

1. "COM"
2. If necessary, "Telephone"
3. "Dial number:"
4. Enter the numbers.
5.  Select the symbol. The connection is established via the mobile phone to which this function has been assigned.

Establish the connection via the additional telephone:

1.  Press the button.
2. "Call via"

## Apple CarPlay preparation

### Concept

CarPlay allows certain functions of a compatible Apple iPhone to be used via Siri voice operation and iDrive.

### Functional requirements

- ▶ Compatible iPhone, iPhone 5 or later with iOS 7.1 or later.
- ▶ Corresponding mobile contract.
- ▶ If necessary, the setting for mobile data must be activated on the iPhone.
- ▶ Bluetooth, WLAN, and Siri voice operation are activated on the iPhone.
- ▶ WLAN is activated on the vehicle.

## Pairing the iPhone with CarPlay

1. "COM"
2. "Mobile devices"
3. "New device"
4. "Phone calls and audio"  
The vehicle's Bluetooth name is displayed on the Control Display.
5. On the mobile device, search for Bluetooth devices in the vicinity and select the vehicle.  
A control number is displayed.
6. Compare the control number displayed on the Control Display with the control number on the display of the mobile device, and confirm that the two match.
7. "Use Apple CarPlay"  
The iPhone is connected to the vehicle and displayed in the device list.

# On the road

## Driving

### Drive-ready state

#### Switching on drive-ready state



1. Depress the brake pedal.
2. Press the Start/Stop button.

#### Switching off drive-ready state

Steptronic transmission:

1. Engage selector lever position P with the vehicle stopped.
2. Press the Start/Stop button.  
The engine is switched off.
3. Set the parking brake.

### Auto Start/Stop function

The Auto Start/Stop function switches the engine off automatically while stationary to save fuel. The engine starts automatically under the following preconditions:


Steptronic transmission:

- ▷ By releasing the brake pedal.
- ▷ When Automatic Hold is activated: step on the accelerator pedal.


In vehicles with Mild-Hybrid technology, the engine will already switched off while coasting at low speeds.

### Parking brake

#### Setting

-  Pull the switch.  
The LED on the switch and the indicator light in the instrument cluster are illuminated.

#### Releasing

-  With drive-ready state switched on:  
Steptronic transmission: press the switch while the brake is pressed or selector lever position P is set.

The LED and indicator light go out.

The parking brake is released.

#### Steptronic transmission: parking

The parking brake is automatically set if the vehicle is being held by Automatic Hold and the drive-ready state is switched off or the vehicle is exited.

### Steptronic transmission

#### Engaging selector lever position D, N, R



- ▷ Drive mode D.
- ▷ Neutral N.
- ▷ R is reverse.



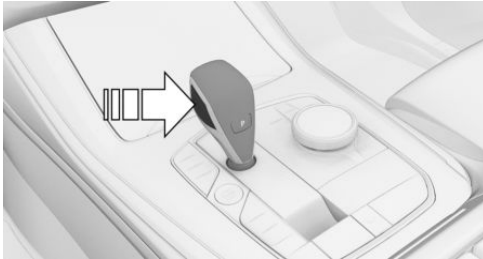
With the driver's safety belt fastened, briefly push the selector lever in the desired direction, past a resistance point, if needed. The selector lever returns to the center position in each case.

To prevent the vehicle from creeping after you select a drive mode or reverse, maintain pressure on the brake pedal until you are ready to start.

A selector lever lock prevents the inadvertent shifting to selector lever position R or the inadvertent shifting from selector lever position P.

Engage selector lever position R only when the vehicle is stationary.

### Releasing the selector lever lock



Press the button.

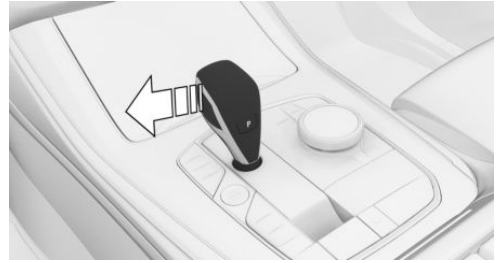
### Engaging P

Engage selector lever position P only when the vehicle is stationary.



Press button P.

### Steptronic transmission, Sport program and manual mode



Activate the Sport program/manual mode:

Press the selector lever to the left from selector lever position D.

Manual mode:

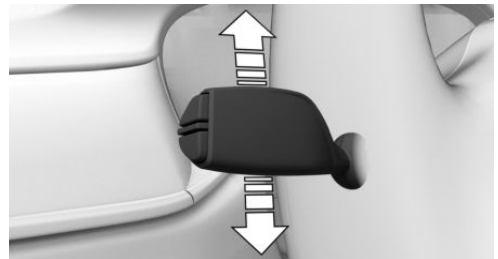
- ▶ To shift down: press the selector lever forward.
- ▶ To shift up: pull the selector lever rearwards.

End the sport program/manual mode:

Push the selector lever to the right.

### Turn signal, high beams, headlight flasher

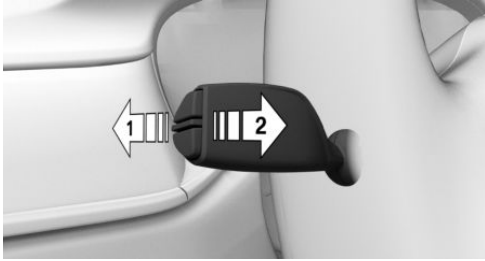
#### Turn signal



- ▶ On: press the lever past the resistance point.
- ▶ Off: press the lever past the resistance point in the opposite direction.
- ▶ Triple turn signal activation: lightly tap the lever up or down.

- ▶ Brief signaling: press the lever to the resistance point and hold it there for as long as you want the turn signal to flash.

### High beams, headlight flasher



Push the lever forward or pull it backward.

- ▶ High beams on, arrow 1.  
The high beams light up when the low beams are switched on.
- ▶ High beams off/headlight flasher, arrow 2.

## Lights and lighting

### Light functions

Symbol	Function
	Front fog lights.
	Lights off. Daytime running lights.
	Parking lights.
	Automatic headlight control. Adaptive light functions.
	Low beams.
	Instrument lighting.

Symbol	Function
--------	----------



Right roadside parking light.

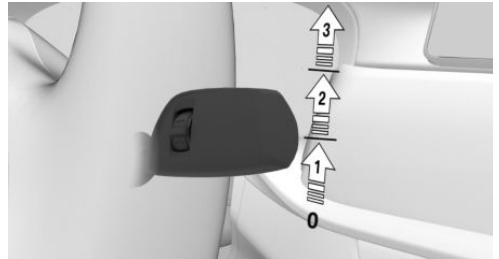


Left roadside parking light.

## Wiper system

### Switching the wipers on/off and brief wipe

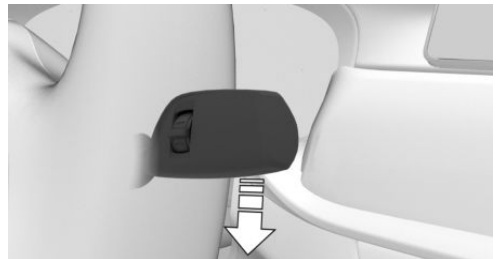
#### Switching on



Press the lever up until the desired position is reached.

- ▶ Resting position of the wipers: position 0.
- ▶ Rain sensor: position 1.
- ▶ Normal wiper speed: position 2.
- ▶ Fast wiper speed: position 3.

#### Switching off and brief wipe

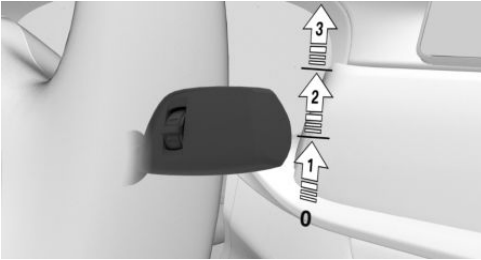


Press the lever down.

- Switching off: press the lever down until it reaches its standard position.
- Brief wipe: press the lever down from the standard position.

## Rain sensor

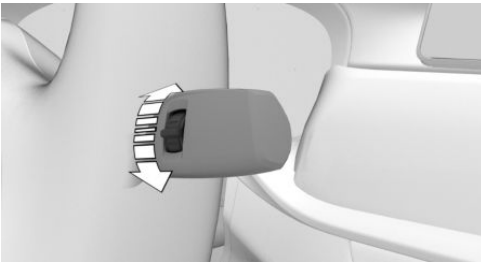
### Activating/deactivating



To activate: press the lever up once from its standard position, arrow 1.

To deactivate: press the lever back into the standard position.

### Adjusting the sensitivity



Turn the thumbwheel on the wiper lever.

## Cleaning the windshield













Pull the wiper lever towards you.

## Climate control

### Automatic climate control

Button	Function
	Temperature.
	Recirculated-air mode.
	Maximum cooling.
	AUTO program.
	Air distribution, manual.
	Switching off.
	Defrost and defog the windshield.
	Rear window defroster.
	Seat heating.
	Climate control operation.
	Air flow, manual.

## Automatic climate control with enhanced features

Button	Function
	Temperature.
	Recirculated-air mode.
	Maximum cooling.
	AUTO program.
	Air flow, manual. Switching off.
	Air distribution, manual.
	Defrost and defog the windshield.
	Rear window defroster.
	Seat heating.
	Climate control operation. Opening the Climate menu. For example, for the following settings: upper body temperature adjustment, parked-car ventilation.

## Intermediate stop

### Refueling

#### Fuel cap

1. To open the fuel filler flap, press on the rear edge, arrow. The fuel filler flap opens.



2. Turn the fuel cap counterclockwise.
3. Place the fuel cap in the bracket attached to the fuel filler flap.

### Gasoline

For the best fuel efficiency, the gasoline should be sulfur-free or very low in sulfur content.

Fuels that are marked on the gas pump as containing metal must not be used.

### Wheels and tires

#### Tire inflation pressure specifications

The tire inflation pressure specifications can be found in the tire inflation pressure table in the printed Owner's Manual.

#### After correcting the tire inflation pressure

With runflat tires:

Reinitialize the Flat Tire Monitor.

With Tire Pressure Monitor:

The corrected tire inflation pressures are applied automatically. Make sure that the correct tire settings have been made.

With tires that cannot be found in the tire pressure values on the Control Display, reset the Tire Pressure Monitor TPM.

## Checking the tire inflation pressure

Regularly check the tire inflation pressure and correct it as needed:

- At least twice a month.
- Before embarking on an extended trip.

## Cleaning the wheels


The friction during hard braking may produce brake dust and make the rims dirty. Brake dust can be removed by cleaning the rims. BMW recommends using vehicle care and cleaning products from BMW.

## Electronic oil measurement

### Functional requirements

A current measured value is available after approx. 30 minutes of normal driving with the combustion engine running.

### Displaying the engine oil level

1. "CAR"
2. "Vehicle status"
3.  "Engine oil level"

Different messages appear on the Control Display depending on the engine oil level. Pay attention to these messages.

## Adding engine oil

### General information

Safely park the vehicle and switch off drive-ready state before adding engine oil.

## Adding engine oil



Only add engine oil when the message is displayed in the instrument cluster.

Observe the quantity to be added in the message.

Take care not to add too much engine oil.

Observe recommended engine oil types.

## Providing assistance

### Hazard warning flashers



The button is located in the center console.

### Breakdown assistance

#### BMW Roadside Assistance

1. "APPS"
2. "Installed apps"
3. "BMW Assist"
4. If necessary, "BMW Roadside Assistance"

A voice connection is established.

## ConnectedDrive

### Concierge service

The BMW Assist Concierge service offers information on events, gas stations or hotels, and provides phone numbers and addresses. Many hotels can be booked directly by the BMW Concierge service. The Concierge service is part of the optional BMW Assist Response Center.

1. "COM"
2. "BMW Assist"
3. If necessary, select the entry for the Concierge Service.

A voice connection to the Concierge service is established.

### Teleservices

Teleservices are services that help to maintain vehicle mobility.

Teleservices can comprise the following services:

- ▷ BMW Roadside Assistance.
- ▷ BMW Accident Assistance.
- ▷ Service Request.
- ▷ Teleservice Report.
- ▷ Teleservice Battery Guard.
- ▷ Your dealer's service center.



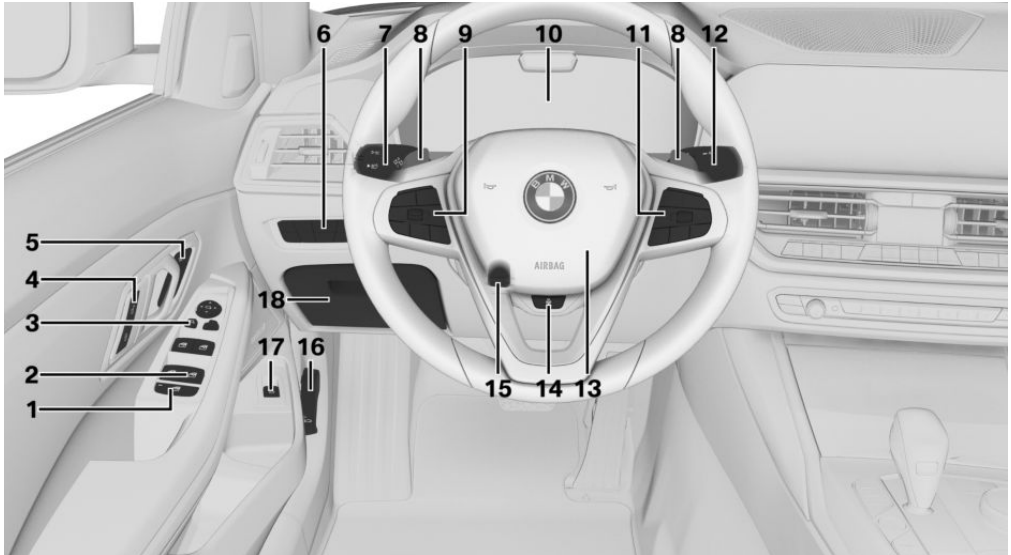
# Cockpit



## Vehicle features and options

This chapter describes all standard, country-specific and optional features offered with the series. It also describes features and functions that are

not necessarily available in your vehicle, e.g., due to the selected options or country versions. This also applies to safety-related functions and systems. When using these functions and systems, the applicable laws and regulations must be observed.


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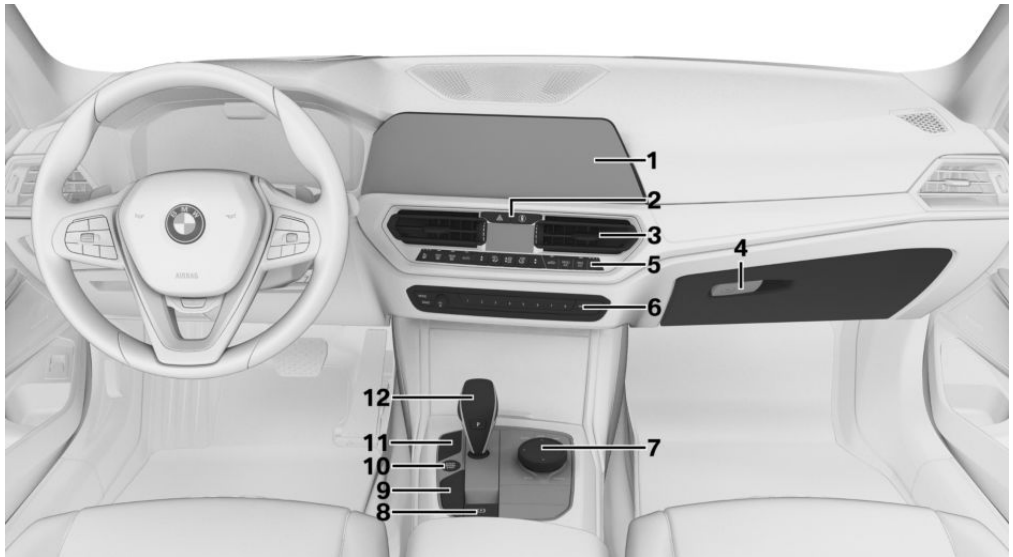
17
















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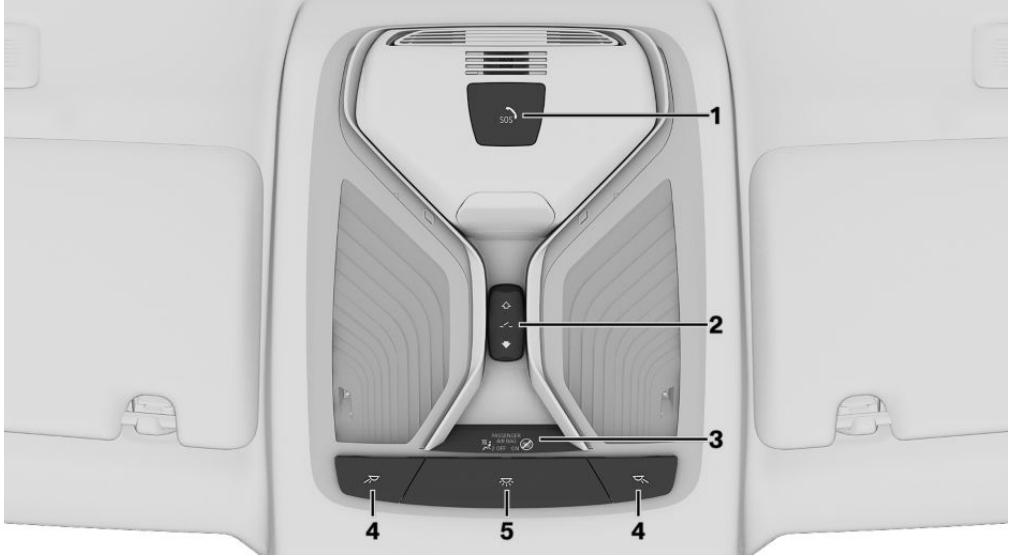
## In the vicinity of the center console








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# Sensors of the vehicle

## Vehicle features and options

This chapter describes all standard, country-specific and optional features offered with the series. It also describes features and functions that are not necessarily available in your vehicle, e.g., due to the selected options or country versions. This also applies to safety-related functions and systems. When using these functions and systems, the applicable laws and regulations must be observed.

## Overview

Depending on the equipment, the following cameras and sensors are installed in the vehicle:

- ▶ Front camera.
- ▶ Cameras behind the windshield.
- ▶ Top view cameras.
- ▶ Rearview camera.
- ▶ Front radar sensor.
- ▶ Radar sensors, side, front.
- ▶ Radar sensors, side, rear.
- ▶ Ultrasound sensors in the front/rear bumpers.
- ▶ Ultrasonic sensors, side.

Keep the vehicle cameras and sensors, as well as surrounding areas, clean and unobstructed.

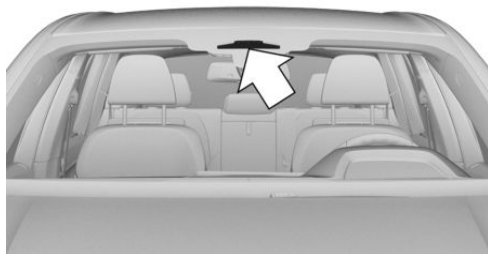
## Cameras

### Front camera



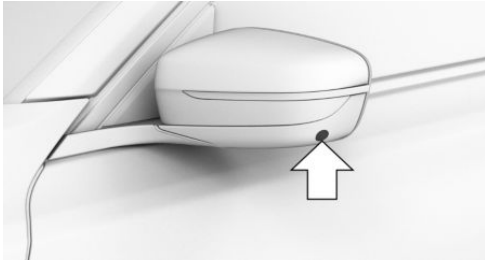
Front camera

### Cameras behind the windshield



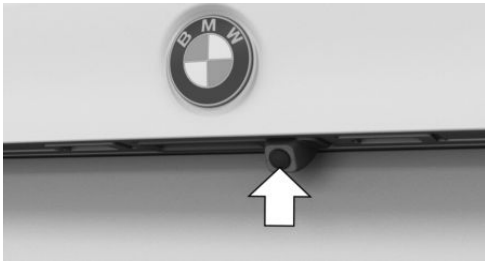
The cameras are located in the area of the interior mirror.

## Top view cameras



One camera is located at the bottom of each exterior mirror housing.

## Rearview camera



The camera is located in the handle of the trunk lid.

## System limits of the cameras

The cameras may not be fully functional and may provide incorrect information in the following situations:

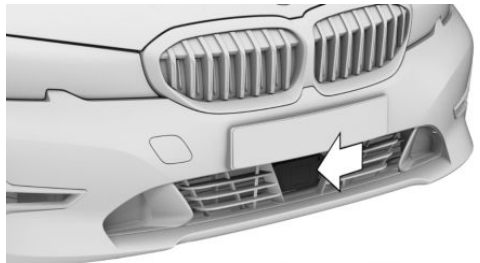
- ▷ In heavy fog, wet conditions, or snowfall.
- ▷ On steep hills, in steep depressions or in tight curves.
- ▷ When the camera field of view is covered, for instance by a fogged up windshield or labels.
- ▷ When the camera lens is dirty or damaged.
- ▷ With exterior mirrors folded in.
- ▷ When driving toward bright lights or strong reflections, e.g., because of a setting sun.
- ▷ When it is dark outside.

- ▷ Camera behind the windshield: if the camera has overheated and been temporarily switched off due to excessively high temperatures.
- ▷ Camera behind the windshield: during calibration of the camera immediately after vehicle delivery.

If applicable, a Check Control message is displayed if the system fails.

## Radar sensors

### Front radar sensor



The radar sensor is located in the front bumper.

### Radar sensors, side, front



The radar sensors are located in the bumper.

## Radar sensors, side, rear



The radar sensors are located in the bumper.

### System limits of the radar sensors

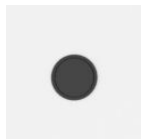
The radar sensors may not be fully functional or may not be available in the following situations:

- ▷ If sensors are dirty, such as due to icing.
- ▷ If sensors are covered, such as by labels, films or a number plate baseplate.
- ▷ If the sensor is not aligned correctly, for instance due to parking damage.
- ▷ If the radiation range of the sensors is covered, e.g., by protruding cargo.
- ▷ If the field of view of the sensors is covered, e.g., by garage walls, hedges or snow hills.
- ▷ After improperly performed work on the vehicle paint in the area of the sensors.
- ▷ On steep hilltops or in sharp dips in the road.

If applicable, a Check Control message is displayed if the system fails.

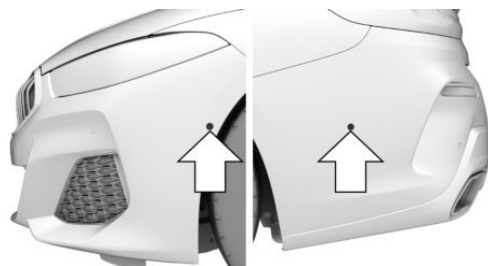
## Ultrasound sensors

### Ultrasound sensors in the front/rear bumpers



The ultrasound sensors of the Park Distance Control PDC are located in the bumpers.

## Ultrasound sensors, side



The ultrasound sensors of the Automatic Parking Assistant are located on the side of the vehicle.

### System limits of the ultrasonic sensors

The detection of objects with ultrasonic measurements can run into physical limits, e.g., in the following situations:

- ▷ In case of dirty sensors.
- ▷ In case of covered sensors, such as due to labels.
- ▷ If the sensor is not aligned correctly, for instance due to parking damage.
- ▷ After improperly performed work on the vehicle paint in the area of the sensors.
- ▷ For small children and animals.
- ▷ For persons with certain clothing, for instance coats.
- ▷ In case of external interference of the ultrasound, for instance from passing vehicles, loud machines or other ultrasonic sources.
- ▷ Under certain weather conditions, e.g., high relative humidity, wet conditions, snowfall, cold, extreme heat, or strong wind.
- ▷ With tow bars and trailer couplings of other vehicles.
- ▷ With thin or wedge-shaped objects.
- ▷ With moving objects.
- ▷ With elevated, protruding objects such as ledges.

- ▷ With objects with corners, edges, and smooth surfaces.
- ▷ With objects with a fine surface structure such as fences.
- ▷ For objects with porous surfaces.
- ▷ With small and low objects, for instance boxes.
- ▷ With soft obstacles or obstacles covered in foam material.
- ▷ With plants and bushes.
- ▷ In automatic car washes.
- ▷ On uneven surfaces, such as speed bumps.
- ▷ Due to heavy exhaust.
- ▷ Cargo that extends beyond the perimeter of the vehicle is not taken into account by the ultrasonic sensors.

If applicable, a Check Control message is displayed if the system fails.



# Operating state of the vehicle

## Vehicle features and options

This chapter describes all standard, country-specific and optional features offered with the series. It also describes features and functions that are not necessarily available in your vehicle, e.g., due to the selected options or country versions. This also applies to safety-related functions and systems. When using these functions and systems, the applicable laws and regulations must be observed.

## General information

Depending on the situation, the vehicle is in one of the three states:

- ▷ Idle state.
- ▷ Standby state.
- ▷ Drive-ready state.

## Idle state

### Concept

When the vehicle is in idle state, it is switched off. All power consumers are deactivated.

### General information

The vehicle is in idle state prior to opening from the outside and after exiting and locking.

## Safety information

### Warning

An unsecured vehicle can begin to move and possibly roll away. There is a risk of accident. Before exiting, secure the vehicle against rolling.

In order to ensure that the vehicle is secured against rolling away, follow the following:

- ▷ Set the parking brake.
- ▷ On uphill grades or on a downhill slope, turn the front wheels in the direction of the curb.
- ▷ On uphill grades or on a downhill slope, also secure the vehicle, for instance with a wheel chock.

### Warning

Unattended children or animals in the vehicle can cause the vehicle to move and endanger themselves and traffic, for instance due to the following actions:

- ▷ Pressing the Start/Stop button.
- ▷ Releasing the parking brake.
- ▷ Opening and closing the doors or windows.
- ▷ Engaging selector lever position N.
- ▷ Using vehicle equipment.

There is a risk of accidents or injuries. Do not leave children or animals unattended in the vehicle. Take the vehicle key with you when exiting and lock the vehicle.

## Automatic idle state

For instance, the idle state is automatically established under the following conditions:

- ▷ After several minutes, if no operation takes place on the vehicle.
- ▷ If the charge state of the vehicle battery is low.
- ▷ Depending on the setting via iDrive: when one or both front doors are opened after driving when exiting the vehicle.

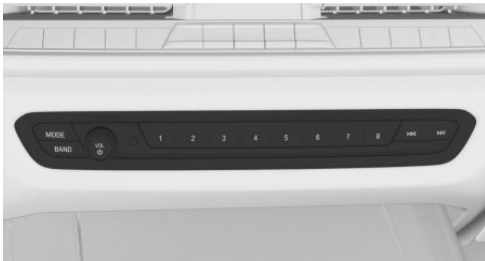
In some situations, the idle state is not set automatically, for instance during a phone call or when the low beams are switched on.

## Establishing idle state when opening the front doors

1. "CAR"
2. "Settings"
3. "Doors/ vehicle access"
4. "Turn off vehicle after opening door"

## Manual idle state

To establish idle state in the vehicle after end of trip:



Press and hold the button until the OFF indicator on the instrument cluster goes out.

## Standby state

### Concept

When standby state is switched on, most functions can be used while the vehicle is stationary. Desired settings can be adjusted.

### General information

The vehicle is in the standby state after the front doors are opened from the outside.

### Display in the instrument cluster



OFF is displayed in the instrument cluster. The drivetrain is switched off and standby state switched on.

## Drive-ready state

### Concept

Switching on drive-ready state corresponds to starting the engine.

### General information

Some functions, such as DSC Dynamic Stability Control, can only be used with drive-ready state switched on.

### Safety information

#### DANGER

If the exhaust pipe is blocked or ventilation is insufficient, harmful exhaust gases can enter into the vehicle. The exhaust gases contain pollutants which are colorless and odorless. In enclosed areas, exhaust gases can also accumulate outside of the vehicle. There is danger to life. Keep the exhaust pipe free and ensure sufficient ventilation.

**⚠ Warning**

An unsecured vehicle can begin to move and possibly roll away. There is a risk of accident. Before exiting, secure the vehicle against rolling.

In order to ensure that the vehicle is secured against rolling away, follow the following:

- ▷ Set the parking brake.
- ▷ On uphill grades or on a downhill slope, turn the front wheels in the direction of the curb.
- ▷ On uphill grades or on a downhill slope, also secure the vehicle, for instance with a wheel chock.

**⚠ NOTICE**

Repeated attempts to start the vehicle or repeated starting of the vehicle in rapid succession can cause the starter to overheat. This also results in unburned or inadequately burned fuel, and can cause the catalytic converter to overheat. There is a risk of damage to property, among other potential damage. Avoid repeated starting of the vehicle, particularly repeated starting in rapid succession.

Most of the indicator/warning lights in the instrument cluster light up for a varied length of time.

**Gasoline engine**

Depending on the motorization, the full drive power may not be available for approximately 30 seconds after starting the engine. In this case, the vehicle will not accelerate as usual.

**Display in the instrument cluster**

The lettering READY in the in the instrument cluster indicates that the drive-ready state is switched on.

**Switching off drive-ready state****Steptronic transmission**

1. Engage selector lever position P with the vehicle stopped.
2. Press the Start/Stop button.  
The engine is switched off. The vehicle switches into standby state.
3. Set the parking brake.

**Switching on drive-ready state****Concept**

Drive-ready state is switched on via the Start/Stop button.

**Steptronic transmission**

1. Depress the brake pedal.
2. Press the Start/Stop button.

The ignition is activated automatically for a brief time and is stopped as soon as the engine starts.

# iDrive

## Vehicle features and options

This chapter describes all standard, country-specific and optional features offered with the series. It also describes features and functions that are not necessarily available in your vehicle, e.g., due to the selected options or country versions. This also applies to safety-related functions and systems. When using these functions and systems, the applicable laws and regulations must be observed.

## Operating concept

### Concept

iDrive includes a large number of functions. These functions can be operated via the Controller and, depending on the equipment version, via touchscreen, voice activation system or gesture control.

## Safety information

### Warning

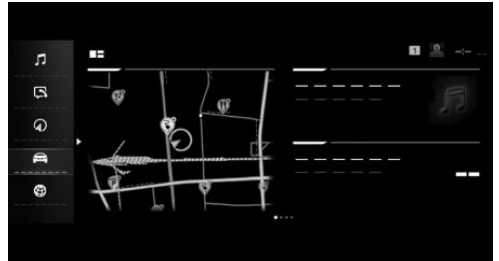
Operating the integrated information systems and communication devices while driving can distract from traffic. It is possible to lose control of the vehicle. There is a risk of accident. Only use the systems or devices when the traffic situation allows. As warranted, stop and use the systems and devices while the vehicle is stationary.

## Input and display


### Main menu

#### General information


The main menu is divided into two areas. The left area contains menu items that can be used to call up all the iDrive functions. The right area contains widgets that provide quick access to certain functions.




#### Media/Radio

 All functions of the entertainment system, e.g., radio stations or connection with external devices.


#### Communication

 Phone and message functions, e-mail and calendar, and also the connection and management of mobile devices, such as smartphones.


#### Navigation

 Access to the navigation system, destination input and traffic bulletins. Configurable map views and other functions, such as points of interest and areas to be avoided.


#### My Car

 Information about vehicle status and trips. Access to the Integrated Owner's Manual and also administration of driver profiles and range of adjustments for vehicle and iDrive.

## Apps

 Management of apps, access to apps and vehicle functions. Additional apps and vehicle functions can be purchased from the BMW Store.




## Widgets

 Widgets provide quick access to frequently used functions. The configured widgets display dynamic contents such as the navigation map, and serve as interfaces at the same time.

## Letters and numbers

Letters and numbers can be selected when the destination is inputted, for example.

Letters and numbers can be entered using the Controller and, depending on the equipment version, via touchscreen or voice activation system. The keyboard's display changes automatically.

Symbol	Function
abc ABC	Change between capital and lower-case letters.
	Enter a blank space.
EN	Switching between languages.
	Use voice activation.
OK	Confirm entry.
	Slide the input area to the left or right.

## Entry comparison

When entering names and addresses, the choice is narrowed down with every letter and number and added automatically as needed.

Entries are continuously compared with data stored in the vehicle.

- ▶ Only those letters and numbers are offered during entry for which data is available.
- ▶ Destination search: place names can be entered in all languages that are available in iDrive.

## Activating/deactivating the functions

Several menu items are preceded by a checkbox. The checkbox indicates whether the function is activated or deactivated. Selecting the menu item activates or deactivates the function.



- Function is activated.
- Function is deactivated.

## Status information











### General information

The status field can be found in the upper area of the Control Display. Status information is displayed in the form of symbols.



### Radio symbols

Symbol	Meaning
	HD Radio station is being received.
	Satellite radio is switched on.





### Telephone symbols

Symbol	Meaning
	Incoming or outgoing call.
	Missed call.
	Signal strength of cellular network.
	Network search.
	Cellular network is not available.
	The critical charge state of the mobile phone has been reached.
	Roaming is active.
	Locating is active.
	SMS text message received.
	Message received.













**Symbol Meaning**

	Reminder.
	Sending not possible.

**Entertainment symbols**

Symbol	Meaning
	Bluetooth audio.
	USB device.
	WLAN.
	Apple CarPlay.

**Other symbols**

Symbol	Meaning
	Check Control message.
	Sound output active.
	Sound output deactivated.
	Voice activation system active.
	Request for the current vehicle position.
	Checking the current vehicle position.
	Driver profile.
	Messages.
	Service notifications.
	Information.
	Stop.
	Data protection.

**Programmable memory buttons**

**General information**

The iDrive functions can be stored on the programmable memory buttons and called up directly, for instance radio stations, navigation destinations, phone numbers and menu entries or pages in the Integrated Owner's Manual.

Settings are stored for the driver profile currently used.

**Overview**



**1... 8** Programmable memory buttons

**Storing a function**

A function can be stored on a programmable memory button. A button with a stored function can be overwritten with another function.

1. Select function via iDrive, for instance radio station.
2. **1... 8** Press and hold the desired button until the displayed bar on the Control Display has loaded completely.

**Executing a function**

**1... 8** Press the button.

The function will work immediately. This means, for instance that the number is dialed when a phone number is selected.

## Displaying the key assignment

Touch buttons with finger. Do not wear gloves or use objects.

The assignment of the buttons is displayed in the upper area of the Control Display.

## Deleting all button assignments

All button assignments can be deleted.

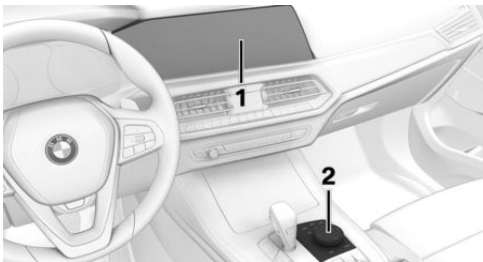
1. Press and hold buttons 1 and 8 at the same time.
2. "OK"

# Control Display and Controller

## Concept

The iDrive functions are displayed on the Control Display. The Control Display can be operated using the Controller, touchpad, and touch screen.

## Overview



- 1 Control Display with touchscreen
- 2 Controller with buttons and touchpad

## Control Display

### Safety information

#### **!** NOTICE

Objects in the area in the front of the Control Display can shift and damage the Control Display. There is a risk of damage to property. Do not place objects in the area in front of the Control Display.

### Switching on/off automatically

The Control Display is switched on automatically when the vehicle is unlocked or as soon as the Control Display is needed for operation.

In certain situations, the Control Display is switched off automatically, for instance if no operation is performed on the vehicle for several minutes.

### Switching on/off manually

The Control Display can also be switched off manually.

1. Tip the Controller up.
2. "Screen off"

Press the Controller or any button on the Controller to switch it back on again.

### System limits

In the case of very high temperatures on the Control Display, for instance due to intense solar radiation, the brightness may be reduced down to complete deactivation. Once the temperature is reduced, for instance through shade or air conditioning, the normal functions are restored.

## Controller

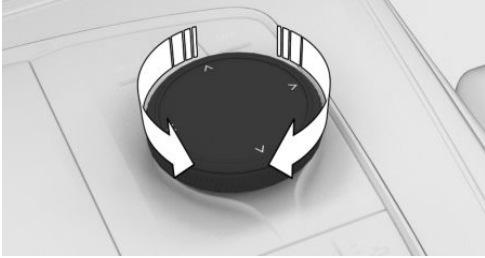
### General information

The buttons can be used to open the menus directly. The Controller can be used to select menu items and enter the settings.

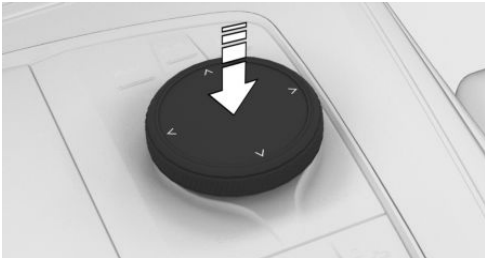
Some iDrive functions can be operated using the touchpad on the Controller.

## Operation

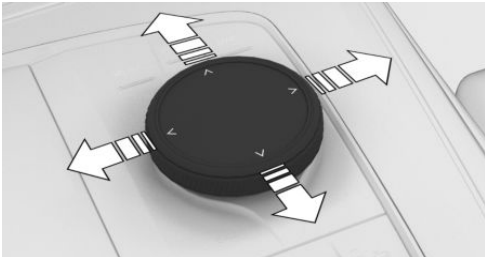
- ▶ Turn to switch between menu items, for example.



- ▶ Press to select a menu item, for example.



- ▶ Tilt in four directions to switch between displays, for example.



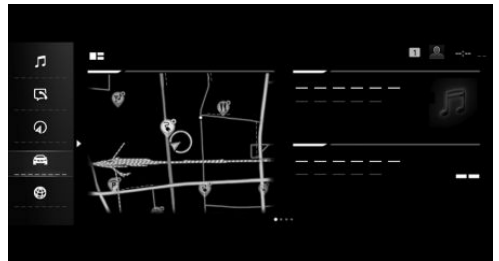
## Buttons on the Controller

Button	Function
HOME	Opens the main menu.
	Go to Apps menu.
MEDIA	Opens the Media/Radio menu.
COM	Opens the Communication menu.
MAP	Opens navigation map.
NAV	Opens destination input menu for navigation.
BACK	Opens the previous display.
OPTION	Opens the Options menu.

## Operating via the Controller

### Opening the main menu

- HOME Press the button.



The main menu is displayed.



## Selecting a menu

### Selecting menu items

1. Turn the Controller until the desired menu item is highlighted.
2. Press the Controller.

### Select a widget

1. Move the Controller in the main menu to the right.
2. Turn the Controller until the desired widget is selected.
3. Press the Controller.

It is also possible to select widgets in the instrument cluster.

## Adjusting the menu

### Adjusting widgets

The widgets can be adjusted in the main menu. It is possible to create multiple pages with widgets and switch between pages. The adjustments can only be performed when the vehicle is stationary.

1. Select the desired page in the main menu. Only the currently selected page can be adjusted.
2. Tip the Controller up.
3. "Adjust main menu"
4. Select the desired adjustment:
  - ▷ **+** Symbol and select desired widget: add new widget.  
The requested widget will be inserted in the relevant position. A maximum of four widgets can be displayed per page.
  - ▷ **X** Select symbol: delete selected widget.
  - ▷ Add new page: "Add page".
  - ▷ Delete selected page: "Delete page".
  - ▷ Adjust the content of the widget: select widget.
5. "Done"

## Adjusting contents

Depending on the equipment, the contents of menus "MEDIA", "COM" and "NAV" can be adjusted, for instance to remove the entries of functions that are not used from the menu.

1. Select the menu.
2. "Personalize menu"
3. Select the desired setting.

## Changing between displays

After a menu item is selected, for instance "Settings", a new display appears.

- ▷ Move the Controller to the left.

The current display closes and the previous display is shown.

- ▷  Press the button.


The previous display re-opens.

- ▷ Move the Controller to the right.

The new display opens.

An arrow indicates that additional displays can be opened.

## Opening the Options menu

- ▷  Press the button.

The "Options" menu is displayed.

The menu consists of various areas, for instance:

- ▷ "MEDIA": control options for the selected main menu.
- ▷ "Help": help for the selected menu.
- ▷ "Control display off": system settings.

## Entering letters and numbers

### Input

1. Turn the Controller: select letter or number.
2. **OK** : confirm entry.

## Deleting

Symbol	Function
⬅	Press the Controller: delete letter or number.
⬅	Hold the Controller down: delete all letters or numbers.

## Using alphabetical lists

For alphabetical lists with more than 30 entries, the letters for which an entry exists can be displayed in a text box.

1. Turn the Controller to the left or right quickly.
2. Select the first letter of the desired entry.  
The first entry of the selected letter is displayed in the list.

## Operation via touchpad

### General information

Some iDrive functions can be operated using the touchpad on the Controller.

### Selecting functions

1. "CAR"
2. "Settings"
3. "General settings"
4. "Touchpad"
5. Select the desired setting:
  - ▶ "Character input": enter letters and numbers.
  - ▶ "Map": use the map.
  - ▶ "Search fields": to write letters without selecting the list field.
  - ▶ "Audio confirmation": pronounces entered letters and numbers.

## Entering letters and numbers

- ▶ Enter characters as they are displayed on the Control Display.
- ▶ Always enter associated characters, such as accents or periods so that the letter can be clearly recognized.
- ▶ The set language determines what input is possible. Where necessary, enter special characters via the Controller.

## Entering special characters

Input	Operation
Delete a character.	Swipe to the left on the touchpad.
Enter a blank space.	Swipe to the right in the center of the touchpad.
Enter a hyphen.	Swipe to the right in the upper area of the touchpad.
Enter an underscore.	Swipe to the right in the lower area of the touchpad.

## Using the map

The map in the navigation system can be moved via the touchpad.

Function	Operation
Move map.	Swipe in the appropriate direction.
Enlarge/shrink map.	Drag in or out on the touchpad with fingers.
Display menu.	Tap once.

## Operation via touchscreen

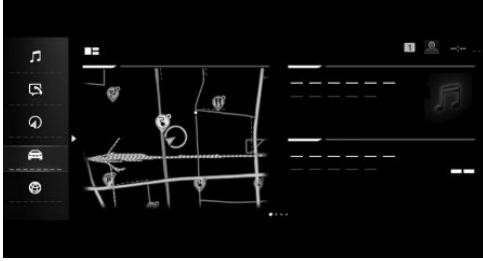
### General information

The Control Display is equipped with a touchscreen.

You can tap on menu items and widgets. Touch the screen with your fingers. Do not use any objects.

## Opening the main menu




🏠 Tap on the symbol.



The main menu is displayed.

## Adjusting widgets

The widgets can be adjusted in the main menu. It is possible to create multiple pages with widgets and switch between pages. The adjustments can only be performed when the vehicle is stationary.

1. Select the desired page in the main menu. Only the currently selected page can be adjusted.
2.  Tap the icon in the main menu.
3. Select the desired adjustment:
  - ▶  Tap symbol and select desired widget: add new widget.  
The requested widget will be inserted in the relevant position. A maximum of four widgets can be displayed per page.
  - ▶  Tap symbol: delete selected widget.
  - ▶ Add new page: tap "Add page".
  - ▶ Delete selected page: tap "Delete page".
  - ▶ Adjust content of the widget: tap center of widget.
4. Tap "Done".

## Showing/hiding the display bar

In the upper area of the Control Display, it is possible to show or hide a display bar with additional functions.

- ▶ To show the display bar, pull down the display bar at the top edge of the screen.
- ▶ To hide the display bar, pull up the display bar at the top edge of the screen.

## Changing between displays

After a menu item is selected, a new display opens.


An arrow indicates that additional displays can be opened.

- ▶ Swipe to the left.
- ▶ Tap arrow.

The new display opens.

## Entering letters and numbers

### Input

1. Depending on the equipment version, tap the  symbol on the touchscreen or a keyboard is displayed on the Control Display when the touchscreen is approached.
2. Enter desired letters and numbers.

### Deleting

Symbol	Function
	Tapping the symbol: deletes the letter or number.
	Tapping and holding the symbol all letters: deletes all letters or numbers.

## Using the map

The navigation map can be moved using the touchscreen.

Function	Operation
Move map.	Swipe in the appropriate direction.
Enlarge/shrink map.	Drag in or out with the fingers.
Display menu.	Tap once.

## Operation via voice

### Concept

The voice activation system can be used to operate functions with spoken commands. The system supports you with announcements during input.

The voice control system and the feedback it provides are not a substitute for the printed or Integrated Owner's Manual.

### General information

- ▷ Functions that can only be used when the vehicle is stationary can only be operated via the voice activation system to a limited extent.
- ▷ The system includes special microphones on the driver side and the front passenger side.
- ▷ ›...‹ denotes commands to use with the voice activation system.


### Functional requirements

- ▷ A language must be set via iDrive that is supported by the voice activation system. To set the language, refer to page 65.
- ▷ Always say commands in the language of the voice activation system.

## Activating the voice activation system

### General information

There are various methods for activating the voice activation feature:


- ▷  Press the button on the steering wheel.
- ▷ Say the wake word ›Hello BMW‹ or a personal wake word.



This symbol indicates that the voice activation system is active.

Then say the command. No other commands may be available. In this case, operate the function via iDrive.


The voice activation can be terminated:

- ▷  Press the button on the steering wheel again.
- ▷ ›Cancel‹



This symbol indicates that the voice activation system is deactivated.

### Button on the steering wheel

1.  Press the button on the steering wheel.
2. Wait for the signal.
3. Say the command.

### Wake word

#### General information

Speaking the wake word ›Hello BMW‹ or the personal wake word will start the system.

#### Preset wake word

The preset wake word ›Hello BMW‹ can be activated and deactivated.

›Hello BMW‹ activates the preset and personal wake word.

1. "CAR"
2. "Settings"
3. "General settings"
4. If necessary, "Personal assistant"
5. "Voice control"
6. "Wake word"
7. "Activation with "Hello BMW"™"

### Personal wake word

In addition to a preset wake word ›Hello BMW‹, a personal wake word can be set up.

1. "CAR"
2. "Settings"
3. "General settings"
4. If necessary, "Personal assistant"
5. "Voice control"
6. "Wake word"
7. "Personal wake word"
8. "Start recording"

For "Start recording", online speech processing must be available and activated. Alternatively, the personal wake word can be entered using the Controller.

9. Follow the instructions on the Control Display.

## Possible commands

### General information

Most contents on the Control Display can be spoken as commands, e.g. menu items or list entries. Speak these list entries out loud exactly as they are shown in the list.


Say the commands and numbers fluently as well as with normal volume, emphasis, and speed.

The status of the voice recognition is displayed in the upper area of the Control Display.

## Function examples

### Menu items

The commands of the menu items are spoken just as they are selected via the Controller.

1.  Press the button on the steering wheel.
2. ›MEDIA‹
3. ›Presets‹

The stored stations are displayed on the Control Display.

### Navigation

Destinations can be entered in the navigation system using the voice activation system. It is also possible to say points of interest or have traffic reports announced.

- ▷ ›Drive me to 300 Chestnut Ridge Road, Woodcliff Lake in New Jersey‹
- ▷ ›Take me home‹
- ▷ ›Are there any traffic messages‹

### Communication

For example, when a mobile phone is connected, the voice activation system can be used to start calls or send SMS.

- ▷ ›Call John Doe on cell phone‹
- ▷ ›Dial the number 1 8 0 0 8 3 1 1 1 1 7‹
- ▷ ›New text message to John Doe: I'll be right there‹

### Media and Radio

Most radio functions can be used via the Active Voice Recognition.

- ▷ ›Turn on music‹
- ▷ ›Music off‹
- ▷ ›Next title‹

## Climate control

Most climate control functions can be used via voice.

- ▷ ›Activate climate control‹
- ▷ ›Deactivate air recirculation‹
- ▷ ›Temperature [...] at ...‹

## Help on the voice activation system

- ▷ ›Voice commands‹: to have the available spoken commands announced.
- ▷ ›General information on voice control: have information on the operating principle of the voice activation system read out loud.
- ▷ ›Help‹: have help for the current menu read out loud.

## Information for Emergency Requests

Do not use the voice activation system to initiate an Emergency Request. In stressful situations, the voice and vocal pitch can change. This can unnecessarily delay the establishment of a telephone connection.

Instead, use the SOS button close to the interior mirror.

Additional information:

Emergency Request, refer to page [364](#).

## Settings

### Setting the voice control

You can set the system to use standard dialog or a short version.

The short version of the voice control plays back short messages in abbreviated form.

1. "CAR"
2. "Settings"
3. "General settings"
4. If necessary, "Personal assistant"
5. "Voice control"

6. "Response length"
7. Select the desired setting.

## Speaking during voice output

It is possible to answer during inquiries of the voice activation system. The function can be deactivated if inquiries are often undesirably interrupted, for instance due to background noise or conversations in the vehicle.

1. "CAR"
2. "Settings"
3. "General settings"
4. If necessary, "Personal assistant"
5. "Voice control"
6. "Speaking during voice output"

## Online speech processing

Online speech processing provides a dictation function, a natural method of destinations input and improves the quality of voice recognition. To use the functions, data is transmitted to a service provider via an encrypted connection and stored locally there.

1. "CAR"
2. "Settings"
3. "General settings"
4. If necessary, "Personal assistant"
5. "Voice control"
6. "Online speech processing"

## Adjusting the volume



Turn the volume button during the spoken instructions until the desired volume is set.

- ▷ The volume remains constant even if the volume of other audio sources is changed.
- ▷ The volume is stored for the driver profile currently used.

## Using the voice activation system of the smartphone

Depending on the device, a smartphone connected to the vehicle can be used via voice activation.

Activate voice command response on the smartphone for this purpose.

-  Press and hold the button on the steering wheel for approx. 3 seconds.  
Voice command response is activated on the smartphone.
-  Release the button.  
If activation is successful, a confirmation appears on the Control Display.

## Voice assistants from third-party providers

### Concept

Some third-party providers provide digital voice assistants. Supported voice assistants can be used in the vehicle.

### General information

Some of the functions are limited in the vehicle to prevent any impairment of safety while driving.

### Functional requirements

- ▶ Connected Voice Services purchased via ConnectedDrive Store.
- ▶ Same ConnectedDrive account used in the vehicle and in the BMW Connected app.
- ▶ Vehicle added in the BMW Connected app.
- ▶ Third-party account and BMW account are linked in the BMW Connected app.
- ▶ Smartphone connected to the vehicle via Bluetooth.


## Activation in the BMW Connected app

Third-party assistants are set up in the BMW Connected app.

Follow the instructions in the app.

## Activation in the vehicle

An authorization for the use of the voice assistant is required every time before starting a trip.

- Authorizing voice assistants from third-party providers:
  - ▶ Connect the smartphone to the vehicle via Bluetooth.
  - ▶ Selects appropriate driver profile.  
Driver profiles, refer to page 69.
-  If necessary, press the button on the steering wheel and wait for signal tone.
- Say the specific activation word of the third-party provider and the desired command.

Information about the active function is displayed on the Control Display.

## Activation/deactivation of the specific activation word

In addition to the activation word of the voice activation system, the specific activation word from the third-party provider can be activated or deactivated.

- "APPS"
- "Installed apps"
- "Personal assistant"
- "Voice control"
- "Wake word"
- "Activation by speech"
- Select the desired setting.

## Malfunction

In case of a malfunction, switch off the drive-ready state and restart again.

## System limits

- ▷ Certain noises can be detected and may lead to problems. Keep the doors, windows, and glass sunroof closed.
- ▷ Noises from the front passenger or the rear seat bench can impair the system. Avoid making other noise in the vehicle while speaking.
- ▷ Major language dialects can cause problems with the voice recognition feature. Speak loud and clear.

## BMW Intelligent Personal Assistant

### Concept

BMW Intelligent Personal Assistant is the personal assistant that expands the voice activation system with intelligent functions and improves the interaction in the vehicle.

### General information

BMW Intelligent Personal Assistant is available depending on the national-market version. The use of the personal assistant is based on voice operation. The voice operation is enhanced with personal recommendations and messages as well as the automation of routines.

The personal assistant is connected to other digital services such as the Concierge service and is continually being developed. The full scope requires an active driver profile.

The BMW Intelligent Personal Assistant is available in two variants:

- ▷ In the Guest profile: the variant is linked to a vehicle and cannot be personalized. Not all described functions are available to the full extent.
- ▷ With active Driver profile: the variant can be used and personalized in different vehicles. All described functions are available to the full extent.

## Functional requirements

Enter the following settings to access the full range of functions:

- ▷ The Driver profile is activated.
- ▷ Relevant ConnectedDrive Services have been purchased via ConnectedDrive Store.
- ▷ Registered in the ConnectedDrive Store.
- ▷ "Online speech processing" is activated.
- ▷ "Synchronize driver profile" under "Personalization" is activated.  
Data protection, refer to page 68.
- ▷ All settings under "BMW ConnectedDrive" activated.  
Data protection, refer to page 68.

### Example for function

1. Say the wake word ›Hello BMW‹ or a personal wake word.
2. ›Is my tire pressure still OK?‹  
The personal assistant provides information about the tire pressure.

## Settings

### Display, notifications

#### General information

Depending on the situation, different conditions can be activated.

Condition	Description
"Do not disturb"	Incoming calls and some messages are not displayed.
"Passenger on board"	Private contents, such as sender and content of e-mails, will not be displayed.

#### Activating/deactivating

1. "APPS"
2. "Installed apps"



3. "Personal assistant"
4. "Notification display"
5. Select the desired setting.

## Automating routines

### General information

The personal assistant can learn routines, e.g., the automatic activation of the seat heating from a specific external temperature. Rules are created for this purpose, which can be activated and deactivated at any time.

### Creating a rule

1. "APPS"
2. "Installed apps"
3. "Personal assistant"
4. "Automate habits"
5. Select the desired setting.

## Functions

### Experience Modes

#### General information

The Experience Modes combine different vehicle functions in the car's interior to an overall experience. For example, the selection of a mode harmonizes the ambient light and seat climate control.

#### Functional requirements

- ▷ The Experience Modes app is installed in the vehicle.
- ▷ Drive-ready state is switched on.

#### Selecting a mode

1. "CAR"
2. "Experience Modes"
3. Select the desired mode.

### Deactivating

1. "CAR"
2. "Experience Modes"
3. "End"

### Adjusting the mode

1. "CAR"
2. "Experience Modes"
3. Select the desired mode.
4. "Settings"
5. Make the desired setting.

## Caring Car

### General information

Different vehicle functions in the car's interior are harmonized for the driver in a short-term program. A program takes 3 minutes.

### Activating/deactivating

1. "CAR"
2. "Caring Car"
3. Select the desired channel.

The program can be stopped prematurely:  
"End program"

## Owner's Manual via voice operation

### Concept

You can ask simple questions about vehicle functions and the operation of the vehicle.

### General information

The voice control system and the feedback it provides are not a substitute for the printed or Integrated Owner's Manual. The voice recognition and quality of the feedback may vary.

The system supports questions that begin with How or What.

**Example for function**

1. ›Hello BMW‹
2. ›How can the passenger airbag be deactivated‹

The voice activation system returns a feedback. When stationary, the section of the integrated Owner's Manual is displayed on the Control Display.

## BMW Gesture Control


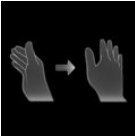
### Concept

Several iDrive functions can be operated by hand motion using BMW Gesture Control.

### Overview



### Possible gestures

Gesture	Operation	Function
	Move index finger forward and backward in the direction of the screen.	Accept call. Select a highlighted entry in a list during voice activation. Confirm pop-up.
	Move hand across the width of the Control Display in the direction of the front-passenger side.	Reject call. Close pop-up. Terminate voice activation.

The camera in the roofliner detects gestures that are carried out in the area of the center console at the height of the Control Display.

### Activating/deactivating



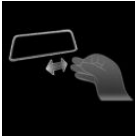

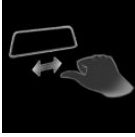

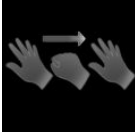
1. "CAR"
2. "Settings"
3. "General settings"
4. "Gesture control"
5. "Gesture control"

### Settings

1. "CAR"
2. "Settings"
3. "General settings"
4. "Gesture control"
5. Select the desired setting.

### Carrying out gestures

- ▷ Perform gestures underneath the interior mirror and next to the steering wheel.
- ▷ Execute gestures clearly.
- ▷ The gestures can also be executed from the front-passenger side.

Gesture	Operation	Function
	Slowly move hand clockwise in a circular pattern with the index finger stretched out forward. Gesture is detected after one circular motion.	Increase the volume.
	Slowly move forearm counterclockwise in a circular pattern with the index finger stretched out forward. Gesture is detected after one circular motion.	Reduce the volume.
	Pinch with thumb and index finger and move hand horizontally to the right or left.	Surround View: turn camera view.  This gesture can only be executed while the vehicle is stationary.
	Move stretched out index and middle finger forward.	Individually assignable gesture.
	Move fist with thumb extended to the left back and forth.	Reverse Skip function. The previous music track is played.
	Move fist with thumb extended to right left back and forth.	Forward Skip function. The next music track is played.
	Stretch out five fingers, form a fist and stretch five fingers out again.	Individually assignable gesture.

## Assigning gesture individually

### General information

Depending on the equipment version, the following functions can be assigned to gestures that allow individual assignments:

- ▷ Destination guidance to home address.
- ▷ Voice command response.
- ▷ Mute/Playback
- ▷ Last calls.
- ▷ Control Display on/off
- ▷ Notifications.
- ▷ Music recognition
- ▷ No function.

### Select function

1. "CAR"
2. "Settings"
3. "General settings"
4. "Gesture control"
5. "Function assignment gesture 1" or "Function assignment gesture 2"
6. Select the desired setting.

### System limits

Gesture recognition by the camera in the roof-liner can be disturbed by the following circumstances:

- ▷ The camera lens is covered.
- ▷ Objects are located on the interior mirror.
- ▷ The camera lens is dirty, clean camera lens. Sensors and camera lenses, refer to page [372](#).
- ▷ The gesture is executed outside of the detection range.
- ▷ Wearing of gloves or jewelry.
- ▷ Smoking in the car's interior.

# BMW Remote Software Upgrade

## Vehicle features and options

This chapter describes all standard, country-specific and optional features offered with the series. It also describes features and functions that are not necessarily available in your vehicle, e.g., due to the selected options or country versions. This also applies to safety-related functions and systems. When using these functions and systems, the applicable laws and regulations must be observed.

## BMW Remote Software Upgrade

### Concept

Remote Software Upgrade can be used to update the software of the vehicle. Remote Software Upgrade makes new functions, functional enhancements or quality improvements available.

### General information

BMW recommends performing the Remote Software Upgrade as soon as it becomes available.

The available data for Remote Software Upgrade is automatically loaded into the vehicle.

For reasons of safety, the loaded upgrade can only be installed when the vehicle is stationary. The installation is not installed until it was confirmed on the vehicle.

- ▶ The installation may take around 20 minutes.
- ▶ The installation cannot be terminated.
- ▶ The vehicle cannot be used during the installation.

- ▶ The vehicle can be exited during the installation.

## Safety information

### Warning

Unattended children or animals in the vehicle can cause the vehicle to move and endanger themselves and traffic, for instance due to the following actions:

- ▶ Pressing the Start/Stop button.
- ▶ Releasing the parking brake.
- ▶ Opening and closing the doors or windows.
- ▶ Engaging selector lever position N.
- ▶ Using vehicle equipment.

There is a risk of accidents or injuries. Do not leave children or animals unattended in the vehicle. Take the vehicle key with you when exiting and lock the vehicle.

## Validity of the Owner's Manual

### Production of the vehicle

At the time of production at the plant, the printed Owner's Manual is the most current resource.

### After a software update in the vehicle

After a vehicle software update – such as, a Remote Software Upgrade – the Integrated Owner's Manual for the vehicle will contain the latest information.

## Functional requirement

The use of the Remote Software Upgrade requires an active ConnectedDrive contract.

## Information about the version

### General information

The information about the version contains a description of the updates that are included in the Remote Software Upgrade. During the download and after the installation has been completed successfully, the information about the version can be displayed on the Control Display. The information is available in the ConnectedDrive customer portal at any time.

### Displaying information about the version

1. "CAR"
2. "Settings"
3. "General settings"
4. "Remote Software Upgrade"
5. "Installed version:"

Logging on to the ConnectedDrive customer portal on the Internet under:

[www.bmw-connecteddrive.com](http://www.bmw-connecteddrive.com).

## Search for and download of an upgrade

### General information

There are various options to search for and download an upgrade:

- ▷ Automatic.
- ▷ Via iDrive.
- ▷ Via BMW Connected app.

### Automatic download

The available data for Remote Software Upgrade is automatically loaded into the vehicle. The download does not require an approval.

### Via iDrive

1. "CAR"
2. "Settings"

3. "General settings"
4. "Remote Software Upgrade"
5. "Search for upgrades"
6. Follow the instructions on the Control Display.

### Via BMW Connected app

1. Download the available upgrade to the smartphone in the BMW Connected app.
2. Follow the instructions in the BMW Connected app.
3. Establish connection to the vehicle.
  - ▷ iOS: Bluetooth Audio and WLAN.
  - ▷ Android: WLAN in the vehicle.

The data transfer of the upgrade from the smartphone to the vehicle occurs only while driving.

4. Follow the instructions on the Control Display.

Additional information:

Connecting mobile devices to the vehicle, refer to page 73.

## Install the upgrade immediately

### General information

After successful download completion, installation is offered once the vehicle is parked. The installation can be carried out immediately following the download.

Follow the instructions on the Control Display.

After the successful completion of the upgrade, booked services, for example RTTI, will be reactivated automatically while driving.

### Functional requirements

- ▷ The battery is sufficiently charged.
- ▷ The external temperature is above 14 °F/-10 °C.
- ▷ Vehicle is parked in a horizontal position.

- ▷ Hazard warning system is switched off.
- ▷ Steptronic transmission: selector lever position P is engaged.
- ▷ Engine is sufficiently cooled down.
- ▷ Automatic engine start for stationary climate control is not activated via iDrive.
- ▷ Central locking system.
- ▷ Parking lights.
- ▷ Horn.
- ▷ Alarm system.
- ▷ Emergency Request.
- ▷ Power windows.
- ▷ Glass sunroof.
- ▷ Checking the fuel filler flap lock.

## Preparing the vehicle

- ▷ Park the vehicle safely away from the public road.
- ▷ Cellular network reception must be ensured so that an error message can be sent, for instance if the installation is terminated.
- ▷ Close the windows.
- ▷ Close the glass sunroof.
- ▷ Close the trunk lid.
- ▷ Remove energy consuming devices, such as a mobile phone.
- ▷ The vehicle key is in the vehicle at the start of the installation.
- ▷ Switch off the exterior lighting.

Additional vehicle related functional requirements are shown on the Control Display.

## Install the upgrade later

The installation of the upgrade can be carried out at a later time.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Remote Software Upgrade"
5. "Start upgrade now"

Follow the instructions on the Control Display.

## Functional limitations

During the upgrade, the majority of functions is temporarily unavailable, for instance:

- ▷ Hazard warning system.

The driver's door can be locked and unlocked from the outside using the integrated key.

## Malfunction

In the event of a malfunction, follow the instructions on the Control Display or in the BMW Connected app.

If the malfunction cannot be remedied, contact a dealer's service center or another qualified service center or repair shop.

# General settings

## Vehicle features and options

This chapter describes all standard, country-specific and optional features offered with the series. It also describes features and functions that are not necessarily available in your vehicle, e.g., due to the selected options or country versions. This also applies to safety-related functions and systems. When using these functions and systems, the applicable laws and regulations must be observed.

## Time

### Setting the time zone

1. "CAR"
2. "Settings"
3. "General settings"
4. "Date and time"
5. "Time zone:"
6. Select the desired setting.

The setting is stored for the driver profile currently used.

### Setting the time

1. "CAR"
2. "Settings"
3. "General settings"
4. "Date and time"
5. "Time:"
6. Turn the Controller until the desired hours are displayed.
7. Press the Controller.

8. Turn the Controller until the desired minutes are displayed.
9. "OK"

### Setting the time format

1. "CAR"
2. "Settings"
3. "General settings"
4. "Date and time"
5. "Time format:"
6. Select the desired setting.

The setting is stored for the driver profile currently used.

## Automatic time setting

Depending on your vehicle's optional features, the time, date and, if needed, the time zone are updated automatically.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Date and time"
5. "Automatic time setting"

The setting is stored for the driver profile currently used.

## Date

### Setting the date

1. "CAR"
2. "Settings"
3. "General settings"
4. "Date and time"



5. "Date:"
6. Turn the Controller until the desired day is displayed.
7. Press the Controller.
8. Make the settings for the month and year.
9. "OK"

## Setting the date format

1. "CAR"
2. "Settings"
3. "General settings"
4. "Date and time"
5. "Date format:"
6. Select the desired setting.

The setting is stored for the driver profile currently used.

## Language

### Setting the language

1. "CAR"
2. "Settings"
3. "General settings"
4. "Language"
5. Select the desired setting.

The setting is stored for the driver profile currently used.

## Setting the units of measurement

Depending on the country version, you can set the units of measurement for some values, for instance consumption, distances, and temperature.

1. "CAR"
2. "Settings"

3. "General settings"
4. "Units"
5. Select the desired menu item.
6. Select the desired setting.

The setting is stored for the driver profile currently used.

## Driver Attention Camera

### Concept

A camera that monitors driver activity is located in the instrument cluster. The camera evaluates the head position and eye opening and uses the data to analyze the attention of the driver. This system supports various vehicle assistance systems, e.g.:

- ▷ Fatigue alert.
- ▷ Steering and traffic jam assistant with Extended Traffic Jam Assistant.

### Activating/deactivating

1. "CAR"
2. "Settings"
3. "General settings"
4. "Driver Attention Camera"
5. Select the desired setting.

### System limits

The Driver Attention Camera may not be fully functional in the following situations:

- ▷ When the Driver Attention Camera is covered by the steering wheel rim.
- ▷ When the driver is wearing infrared impermeable sunglasses.

## Trip data settings

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### Concept

The intervals in which the trip data will be reset can be configured.

### Resetting trip data

1. "CAR"
2. "Settings"
3. "General settings"
4. "Reset trip data"
5. Select the desired setting.

## Speed warning

---

### Concept

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

### General information

The warning is repeated if the vehicle speed exceeds the set speed limit again, after it has dropped below it by 3 mph/5 km/h.

### Adjusting

1. "CAR"
2. "Settings"
3. "General settings"
4. "Speed warning"
5. "Warning at:"
6. Turn the Controller until the desired speed is displayed.
7. Press the Controller.

### Activating/deactivating

1. "CAR"
2. "Settings"

3. "General settings"
4. "Speed warning"
5. "Speed warning"

### Setting your current speed as the speed warning

1. "CAR"
2. "Settings"
3. "General settings"
4. "Speed warning"
5. "Select current speed"

## Activating/deactivating pop-ups

---

For some functions, pop-ups are displayed automatically on the Control Display. Some of these pop-ups can be activated or deactivated.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Pop-ups"
5. Select the desired setting.

The setting is stored for the driver profile currently used.

## Control Display

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### Brightness

1. "CAR"
2. "Settings"
3. "Displays"
4. "Control display"
5. "Brightness at night"
6. Press the Controller.

7. Turn the Controller until the desired brightness is set.
8. Press the Controller.

The setting is stored for the driver profile currently used.

Depending on the light conditions, the brightness settings may not be clearly visible.

## Resetting the vehicle configuration

All individual settings can be reset to the factory settings when the drive-ready state is switched off.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Reset vehicle data"
5. "Reset vehicle data"

When the stored settings in a driver profile are synchronized with the ConnectedDrive account, these settings will remain in the ConnectedDrive account.

## Messages

### Concept

The menu centrally displays all messages arriving in the vehicle in list form.

### General information

The following messages can be displayed:

- ▶ Traffic messages.
- ▶ Check Control messages.
- ▶ Messages on service notifications.
- ▶ Communication messages, for example e-mails, SMS text messages or reminders.

- ▶ Messages from, e.g., the Concierge service or the BMW Connected app.
- ▶ Messages from the vehicle manufacturer.

The number of messages is additionally displayed in the status field.

The Messages menu can also be created as Widget.


### Retrieving messages

1. Tip the Controller up.
2. "Notifications"
3. Select the desired message.

### Deleting messages

All messages, except Check Control messages or messages from the vehicle manufacturer, can be deleted from the list.

Check Control messages or messages from the vehicle manufacturer are displayed as long as they are relevant.

1. Tip the Controller up.
2. "Notifications"
3. Select desired message, for instance. SMS.
4.  Press the button.
5. ▶ "Delete this notification"  
▶ "Delete all notifications"

### Settings

The following settings can be adjusted:

- ▶ Select the applications, from which messages will be permitted.
  - ▶ All messages or a limited time period for received messages.
1. Tip the Controller up.
  2. "Notifications"
  3. Move the Controller to the right.
  4. "Settings"
  5. Select the desired setting.

# Personal settings

## Vehicle features and options

This chapter describes all standard, country-specific and optional features offered with the series. It also describes features and functions that are not necessarily available in your vehicle, e.g., due to the selected options or country versions. This also applies to safety-related functions and systems. When using these functions and systems, the applicable laws and regulations must be observed.

## Data protection

### Data transfer

#### Concept

The vehicle offers different services, whose use requires a data transfer to BMW or a service provider. The data transfer can be deactivated for some services.

#### General information

When the data transfer is deactivated, the respective service cannot be used.

Only make these settings while stationary.

#### Settings

The data transfer can be configured in different stages or individually for separate services.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Data privacy"
5. Select the desired setting.

## Deleting personal data in the vehicle

### Concept

Depending on the usage, the vehicle stores personal data, such as stored radio stations. This personal data can be permanently deleted using iDrive.

### General information

Depending on the equipment package, the following data can be deleted:

- ▷ Driver profile settings.
- ▷ Stored radio stations.
- ▷ Stored programmable memory buttons.
- ▷ Travel and trip computer information.
- ▷ Navigation, for instance stored destinations.
- ▷ Phone book.
- ▷ Online data, for instance Favorites, cookies.
- ▷ Office data, for instance voice memos.
- ▷ Login accounts.

Altogether, the deletion of the data can take up to 15 minutes.

### Functional requirement

Data can only be deleted while stationary.

### Deleting data

The personal data in the vehicle will be deleted when the vehicle is reset to the factory settings.

Additional information:

Resetting the vehicle configuration, refer to page 67.

## Driver profiles

### Concept

Driver profiles can be created to store personal vehicle settings. If the vehicle is used by multiple drivers, each driver can create his personal driver profile. When a driver profile is selected, the vehicle will automatically apply the stored settings in the driver profile.

### General information

Three personal driver profiles can be created.

In addition, a guest profile is available that can be selected by any driver. The guest profile is active when a personal driver profile has not been selected.

Changes to the vehicle settings are automatically stored in the active driver profile or in the guest profile.

The vehicle can already adjust to the driver when it is unlocked. For this purpose, the recognition via a vehicle key and a digital key can be assigned to a driver profile.

ConnectedDrive countries: The settings stored in the driver's profile can be synchronized with the personal BMW ConnectedDrive account. It is thereby possible to use these settings in other BMW vehicles as well.

### Functional requirements

When switching the driver profile, the vehicle must move at a maximum of walking speed.

### Welcome screen

After the Control Display is switched on, the Welcome screen will be displayed.

The following actions can be carried out on the Welcome screen:

- ▷ Switching the driver profile.
- ▷ Starting the set-up assistant.

This option is offered in new vehicle for a limited period of time.

As soon as the engine is started or any button is pressed, the Welcome screen will be hidden.

### Setup assistant

The setup assistant is offered in new vehicles for a limited period of time on the Welcome screen to configure the most important settings for the vehicle.

"Getting started" Select to start the set-up assistant.

The set-up assistant can be started via iDrive at any time.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Getting started"

The driver is guided step by step through the following functions:

- ▷ Setting the system language.
- ▷ ConnectedDrive countries:
  - If the set-up assistant was opened in the guest profile: create driver profile.
- ▷ Pairing mobile devices with the vehicle.
- ▷ If the set-up assistant was opened from an already defined driver profile: set up personal assistant.
- ▷ Depending on whether the set-up assistant was opened from an already defined driver profile or a guest profile: set up services or confirm the explanation for the transmission of vehicle related data.
- ▷ Set up other methods for use.

The selected settings are stored in the active driver's profile.

### Guest profile

The guest profile can be activated by any driver. Vehicle settings that are entered when the guest profile is active will be stored in the guest profile.

In the following cases the guest profile is automatically active:

- ▷ A driver profile has not been created yet.
- ▷ No driver profile has been assigned to the vehicle key that was used to unlock the vehicle.
- ▷ No driver profile has been assigned to the digital key that was used to unlock the vehicle.

The following limitations apply:

- ▷ The guest profile cannot be renamed.
- ▷ It is not possible to assign the recognition to the guest profile.
- ▷ It is not possible to assign a PIN to the guest profile.
- ▷ ConnectedDrive countries: It is not possible to synchronize with a ConnectedDrive account.

The guest profile is selected on the Welcome screen or via iDrive:

1. "CAR"
2. "Driver profiles"

As an alternative for Steps 1 and 2, the profile image can be tapped in the top status bar.

3. "Guest"
4. "OK"

## Creating a driver profile

1. "CAR"
2. "Driver profiles"
3. Move the Controller to the right.

As an alternative for Steps 1 to 3, the profile image can be tapped in the top status bar.

4. "Add driver profile"

Not ConnectedDrive countries: A name must be entered for the driver profile.

ConnectedDrive countries: An existing ConnectedDrive account must be assigned to a driver profile. The following options are available for this purpose:

- ▷ "Log in"
 

The access data must be entered via iDrive.
- ▷ "New registration"

If a ConnectedDrive account does not yet exist, it can be created via iDrive.

## Selecting recognition

1. "CAR"
2. "Driver profiles"
3. Move the Controller to the right.

As an alternative for Steps 1 to 3, the profile image can be tapped in the top status bar.

4. "Driver recognition"
5. Select the desired setting:
  - ▷ "with vehicle key"

The vehicle key that is recognized in the car's interior is assigned to the driver profile. If multiple vehicle keys are detected, the unintended vehicle keys must be removed from the car's interior.

- ▷ "With Digital Key"

The digital key that is recognized in the car's interior is assigned to the driver profile. If multiple digital keys are detected, the unintended digital keys must be removed from the car's interior.

6. "Activate linkage"

As soon as the vehicle detects the vehicle key or the digital key, the corresponding driver profile will be activated. If the vehicle key or the smartphone with the digital key is not carried with you or not recognized, the driver profile can only be selected on the Welcome screen when a PIN has been set up.

## Setting up a PIN

A driver profile with recognition cannot be activated without vehicle key and without digital key. In this case, a PIN can be set up to activate the driver profile.

Countries in which ConnectedDrive is not available: If a PIN was not set up or the PIN is not known, the driver profile cannot be activated.

Countries in which ConnectedDrive is available: If a PIN was not set up or the PIN is not known, the

driver's profile can be activated with the access data of the corresponding ConnectedDrive account.

1. "CAR"
2. "Driver profiles"
3. Move the Controller to the right.  
As an alternative for Steps 1 to 3, the profile image can be tapped in the top status bar.
4. "Driver recognition"
5. "using PIN"

## Changing/canceling the recognition function

When another vehicle key or another digital key is assigned to a driver profile, the current assignment must be canceled first.

1. "CAR"
2. "Driver profiles"
3. Move the Controller to the right.  
As an alternative for Steps 1 to 3, the profile image can be tapped in the top status bar.
4. "Driver recognition"
5. Select the desired setting:
  - ▶ "with vehicle key"
  - ▶ "With Digital Key"
6. "Activate linkage"

When the vehicle and vehicle key will be handed over, such as for maintenance, carry out the following steps first:

- ▶ Setting up PIN.
- ▶ Canceling recognition using the vehicle key.
- ▶ Switching to the guest profile.

The handed over vehicle key can then no longer be used to access the personal driver profile.

## Selecting a driver profile

Depending on the recognition setting, the driver profile will be selected automatically.

If the guest profile is active, the driver profile will be selected on the Welcome screen or via iDrive: A PIN may have to be entered.

1. "CAR"
2. "Driver profiles"  
As an alternative for Steps 1 and 2, the profile image can be tapped in the top status bar.
3. Select driver profile.
4. "OK"

All settings stored in the selected driver profile are automatically applied.

## Switching synchronization with the ConnectedDrive account on/off

ConnectedDrive countries:

The settings stored in the driver's profile are synchronized with the personal ConnectedDrive account. This means that it is possible to use the personal settings in other BMW vehicles with ConnectedDrive access as well, if this function is supported.

The synchronization with the ConnectedDrive account is enabled when a driver profile is created or via iDrive:

1. "CAR"
2. "Driver profiles"
3. Move the Controller to the right.  
As an alternative for Steps 1 to 3, the profile image can be tapped in the top status bar.
4. "Settings"
5. "Synchronize driver profile"
6. "Synchronize driver profile"

## Renaming a driver profile

Non-ConnectedDrive countries:

1. "CAR"
2. "Driver profiles"

As an alternative for Steps 1 and 2, the profile image can be tapped in the top status bar.

3. Select driver profile.
4. "Settings"
5. Enter a profile name.
6. **OK** Select the symbol.

ConnectedDrive countries:

The name of the driver profile is transferred from the ConnectedDrive account. Changes for the profile name must be made in the ConnectedDrive account.

## Selecting a profile picture

Non-ConnectedDrive countries:

1. "CAR"
2. "Driver profiles"
3. Move the Controller to the right.

As an alternative for Steps 1 to 3, the profile image can be tapped in the top status bar.

4. "Avatar"
5. Select the desired profile picture.

## Deleting the driver profile

1. "CAR"
2. "Driver profiles"
3. Move the Controller to the right.

As an alternative for Steps 1 to 3, the profile image can be tapped in the top status bar.

4. "Settings"
5. "Remove driver profile"
6. Select the desired driver profile.
7. "Delete now"

ConnectedDrive countries: If the driver profile was synchronized with a ConnectedDrive account, the stored data in the ConnectedDrive account will be retained.

## System limits

A clear detection of the desired vehicle key may not be possible in the following cases, e.g.:

- ▶ The driver unlocks the vehicle via Comfort Access.
- ▶ The driver changes, but the vehicle is not locked and unlocked.
- ▶ When multiple vehicle keys are located outside on the driver's side of the vehicle.

ConnectedDrive countries:

A driver profile can only be created and synchronized with the ConnectedDrive account when cellular network reception is available.

The use of personal settings that are stored in the ConnectedDrive account in other vehicles is subject to technical limitations. For example, settings may be stored for a system that is not available, or available in a non-compatible version, in other vehicles.



# Connections

## Vehicle features and options

This chapter describes all standard, country-specific and optional features offered with the series. It also describes features and functions that are

not necessarily available in your vehicle, e.g., due to the selected options or country versions. This also applies to safety-related functions and systems. When using these functions and systems, the applicable laws and regulations must be observed.







## Connecting mobile devices to the vehicle



### Concept

Various connection types are available for using mobile devices in the vehicle. The connection type to select depends on the mobile device and the desired function.

### General information

The following overview shows possible functions and the suitable connection types for them. The scope of functions depends on the mobile device.

Function	Connection type	Symbol in the device list
Making calls via the hands-free system. Using phone functions via iDrive or touchscreen. Other functions, e.g. Contacts or SMS.	Bluetooth.	
Playing music from the smartphone or the audio player.	Bluetooth audio.	
WLAN in the vehicle: Using apps in the vehicle.	WLAN.	
Wi-Fi hotspot: Using the vehicle Internet access.	WLAN.	
Screen Mirroring: Showing the smartphone display on the Control Display.	WLAN.	
USB port: Playing music or videos from a USB device.	USB.	

Function	Connection type	Symbol in the device list
Apple CarPlay: Using apps via iDrive and via voice operation.	Bluetooth and WLAN.	
Android Auto: Using apps via iDrive and via voice operation.	Bluetooth and WLAN.	

The following connection types require one-time pairing with the vehicle:

- ▷ Bluetooth.
- ▷ WLAN.

Paired devices are automatically recognized later on and connected to the vehicle.

## Safety information

### Warning

Operating the integrated information systems and communication devices while driving can distract from traffic. It is possible to lose control of the vehicle. There is a risk of accident. Only use the systems or devices when the traffic situation allows. As warranted, stop and use the systems and devices while the vehicle is stationary.

## Compatible devices

### General information

Information on mobile devices compatible with the vehicle can be found at [www.bmwusa.com/bluetooth](http://www.bmwusa.com/bluetooth).

Malfunctions may occur with devices not listed or deviating software versions.

## Displaying the vehicle identification number and software part number

When looking for compatible devices, you may have to state the vehicle identification number and the software part number. These numbers can be displayed in the vehicle.

1. "COM"
2. "Mobile devices"
3. Move the Controller to the right.
4. "Settings"
5. "Bluetooth® info"
6. "System information"

## Managing mobile devices

### General information

- ▷ After one-time pairing, the devices are automatically recognized and reconnected when standby state is switched on.
- ▷ After stored content on the SIM card or the mobile phone, such as contacts, has been detected, the data is transmitted to the vehicle and can be used via iDrive.
- ▷ For some devices, certain settings are necessary, for instance authorization; see the owner's manual of the device.

### Displaying the device list








All devices paired with or connected to the vehicle are displayed in the device list.

A maximum of four devices can be connected to the vehicle via Bluetooth, and a maximum of ten devices can be connected to the vehicle via WLAN. A maximum of 20 devices will be detected.

1. "COM"
2. "Mobile devices"

A symbol to the right of the device name indicates, for which function the device is used.

When the icon is displayed in white, this function is actively connected to the vehicle. The icon is displayed in gray when the function of the device is inactive.

Symbol	Meaning
	Telephone.
	Bluetooth audio.
	WLAN in the vehicle, WiFi hotspot.
	Apps.
	Screen Mirroring.
	Apple CarPlay.
	Android Auto.

## Configuring the device

Functions can be activated or deactivated for paired and connected devices.

The scope of functions depends on the mobile device.

Follow the information on the Control Display.

1. "COM"
2. "Mobile devices"
3. Select the desired device.
4. Select the desired setting:

- ▶ "Connect device"

The functions that were assigned to the device before disconnecting are assigned to the device when it is reconnected. The

functions may be deactivated on a device already connected.

- ▶ "Disconnect device"
 

The device remains paired and can be connected again.
- ▶ "Delete device"
 

The device is disconnected and removed from the device list.
- ▶ "Connection mode"
 

Select a connection mode, for instance Apple CarPlay.
- ▶ "Telephone"
 

Set telephone.
- ▶ "Bluetooth® audio"
 

Playback of music files on external devices such as audio devices or mobile phones via Bluetooth.
- ▶ "Apps"
 

With the installed BMW Connected app, apps from the smartphone can be displayed in the vehicle.
- ▶ "Wi-Fi®"
 

Connects the device with the WLAN in the vehicle.

## Priority of the phones

When multiple mobile phones are connected to the vehicle, you can specify the priority of the mobile phones for reconnection.

1. "COM"
2. "Mobile devices"
3. Move the Controller to the right.
4. "Settings"
5. "Priorities for telephones"
6. Select the desired device.
7. Select the desired priority by sliding.

## Bluetooth connection

### Functional requirements

- ▷ Compatible device with Bluetooth interface. Compatible devices, refer to page 74.
- ▷ The vehicle key is in the vehicle.
- ▷ The device is ready for operation.
- ▷ Bluetooth is switched on in the vehicle and on the device.
- ▷ The pairing readiness is displayed on the Control Display.
- ▷ Bluetooth presettings, such as visibility, may be required on the device; refer to the owner's manual of the device.

### Activate Bluetooth

1. "COM"
2. "Mobile devices"
3. Move the Controller to the right.
4. "Settings"
5. "Bluetooth®"
6. Select setting.

### Connecting the device

1. "COM"
2. "Mobile devices"
3. Move the Controller to the right.
4. "New device"
5. "Phone calls and audio"
 

The vehicle's Bluetooth name is displayed on the Control Display.
6. Compare the control number displayed on the Control Display with the control number on the display of the mobile device, and confirm that the two match.
7. A Bluetooth connection is established.

The mobile device is connected to the vehicle and displayed in the device list.

### Activating/deactivating telephone functions

To use all supported functions of a mobile phone, activate the desired functions in the vehicle prior to pairing the mobile phone with the vehicle as needed.

1. "COM"
2. "Personalize menu"
3. Select the desired settings, for instance "Text messages".

### Frequently Asked Questions

All requirements are met and all required steps were completed in the specified order. Despite that, the mobile device does not function as expected.

In this case, the following explanations can help:

Why could the mobile phone not be paired or connected?

- ▷ There are too many Bluetooth devices connected to the mobile phone or vehicle.

In the vehicle, delete Bluetooth connections with other devices.

Delete the Bluetooth connection from the device list on the mobile phone and start a new device search.

Too many Bluetooth devices with the same function are paired.

- ▷ The mobile phone is in power-save mode or has only a limited remaining battery life.

Charge the mobile phone and deactivate the power-save mode where required.

Why does the mobile phone no longer react?

- ▷ The applications on the mobile phone do not function anymore.

Switch the mobile phone off and on again.

- ▷ Too high or too low ambient temperature for mobile phone operation.

Do not subject the mobile phone to extreme ambient temperatures.

Why can phone functions not be used via iDrive?

- ▶ Phone functions are not configured for the mobile phone.

Connect the mobile phone with the telephone function.

Why are no or not all phone book entries displayed or why are they incomplete?

- ▶ Transmission of the phone book entries is not yet complete.
- ▶ It is possible that only the phone book entries of the mobile phone or the SIM card are transmitted.
- ▶ It may not be possible to display phone book entries with special characters.
- ▶ It may not be possible to transmit contacts from social networks.
- ▶ The number of phone book entries to be transmitted is too high.
- ▶ Data volume of the contact too large, for instance due to stored information such as notes.

Reduce the data volume of the contact.

- ▶ A mobile phone can only be connected as audio source or as telephone.

Configure the mobile phone and connect it with the telephone function.

- ▶ Contact was created in the contact list of the phone after the last synchronization.

Synchronize contacts again: "Reload contacts"

How can the phone connection quality be improved?

- ▶ Adjust the strength of the Bluetooth signal on the mobile phone, depending on the mobile phone.
- ▶ Insert the mobile phone into the wireless charging tray.
- ▶ Adjust the volume of the microphone separately in the sound settings.

If all points in this list have been checked and the required function is still not available, contact the

hotline, a dealer's service center or another qualified service center or repair shop.

## WLAN connection

### General information

For certain applications, such as apps, the data exchange between smartphone and vehicle occurs via WLAN.

### Functional requirements

- ▶ Standby state is switched on.
- ▶ Compatible device with activated WLAN interface.

### Activate WLAN in the vehicle

1. "COM"
2. "Mobile devices"
3. Move the Controller to the right.
4. "Settings"
5. "Wi-Fi@"

## WiFi hotspot

### Concept

Compatible devices with WLAN interface can use the Internet connection of the vehicle via the WiFi hotspot.

### General information

Up to ten devices can be connected to the WiFi hotspot simultaneously.

### Functional requirements

- ▶ Compatible device with activated WLAN interface.

Compatible devices, refer to page 74.

- ▶ WLAN is activated on the vehicle.
- ▶ Internet use is activated for the vehicle.

- ▷ Registration and data contract with a service provider where required.
- ▷ Standby state is switched on.

## Connecting a device to the Internet via the WiFi hotspot

Using the Internet for the first time via the WiFi hotspot requires registration and possibly a data volume purchase from a service provider.

Depending on the country version, data volume can be purchased via the connected mobile device or from the ConnectedDrive Store.

1. "COM"
2. "Mobile devices"
3. Move the Controller to the right.
4. "New device"
5. "Internet, apps"

Hotspot name and hotspot code are displayed on the Control Display.

6. Activate Internet usage via WLAN if necessary.  
"Open settings"
7. Activate Internet usage.  
"Internet connection"
8. Move the Controller to the left.
9. Search for WLAN networks on the mobile device. Select network name on the device.
10. Enter hotspot code on the device and connect.

The device is displayed in the device list.

Additionally, a QR code will be displayed on the Control Display. Alternatively, this QR code can be used to pair the mobile device with the hotspot.

All devices connected via the hotspot use this data volume.

## Deactivating Internet usage via the WiFi hotspot

Internet usage may be deactivated if the data volume is used up, for instance.

1. "COM"
2. "Mobile devices"
3. Move the Controller to the right.
4. "Settings"
5. "Internet connection"
6. Select the desired setting.

## Screen Mirroring

### General information

Screen Mirroring enables mirroring (outputting) of the smartphone display on the Control Display.

### Functional requirements

- ▷ Compatible smartphone with Screen Mirroring interface.  
Compatible devices, refer to page 74.
- ▷ Screen Mirroring is activated on the smartphone.
- ▷ WLAN is activated on the vehicle.

### Pairing a smartphone with Screen Mirroring

1. "COM"
2. "Mobile devices"
3. Move the Controller to the right.
4. "New device"
5. "Screen Mirroring"  
The WLAN name of the vehicle is displayed on the Control Display.
6. Search for WLAN devices in the surroundings of the smartphone.

The WLAN name of the vehicle appears on the device display. Select the WLAN name of the vehicle.

7. Confirm the connection via iDrive.

The device is connected and displayed in the device list.

## Apple CarPlay preparation

### Concept

CarPlay allows certain functions of a compatible Apple iPhone to be used via Siri voice operation and iDrive.

### Functional requirements

- ▷ Compatible iPhone, iPhone 5 or later with iOS 7.1 or later.  
Compatible devices, refer to page 74.
- ▷ Corresponding mobile contract.
- ▷ Bluetooth, WLAN, and Siri voice operation are activated on the iPhone.
- ▷ If necessary, the setting for mobile data must be activated on the iPhone.
- ▷ Booking the ConnectedDrive service: smartphone integration.
- ▷ WLAN and Bluetooth are enabled in the vehicle.

### Pairing the iPhone with CarPlay

1. "COM"
2. "Mobile devices"
3. Move the Controller to the right.
4. "New device"
5. "Phone calls and audio"  
The vehicle's Bluetooth name is displayed on the Control Display.
6. On the mobile device, search for Bluetooth devices in the vicinity and select the vehicle.  
A control number is displayed.

7. Compare the control number displayed on the Control Display with the control number on the display of the mobile device, and confirm that the two match.

8. "Use Apple CarPlay"

The iPhone is connected to the vehicle and displayed in the device list.

### Operation

For more information, refer to the Integrated Owner's Manual or the Owner's Manual for Navigation, Entertainment, Communication.

### Frequently Asked Questions

All requirements are met and all required steps were completed in the specified order. Despite that, the mobile device does not function as expected.

In this case, the following explanations can help:

The iPhone has already been paired with Apple CarPlay. When a new connection is established, CarPlay can no longer be selected.

- ▷ Delete the iPhone concerned from the device list.
- ▷ On the iPhone, delete the vehicle concerned from the list of stored connections under Bluetooth and under WLAN.
- ▷ Pair the iPhone as a new device.

If the steps listed have been carried out and the required function is still not available: contact the hotline, a dealer's service center or another qualified service center or repair shop.

## Android Auto preparation

### Concept

Android Auto allows the operation of certain functions of a compatible smartphone via voice operation and iDrive.

## Functional requirements

- ▷ Compatible Android smartphone with Android 9.0 or later.  
Compatible devices, refer to page 74.
- ▷ Corresponding mobile contract.
- ▷ Bluetooth and WLAN are enabled on the smartphone.
- ▷ If necessary, the setting for mobile data must be activated on the smartphone.
- ▷ Booking the ConnectedDrive service: smartphone integration.
- ▷ The Android Auto app is installed on the smartphone.
- ▷ WLAN and Bluetooth are enabled in the vehicle.

## Pairing a smartphone with Android Auto

1. "COM"
2. "Mobile devices"
3. Move the Controller to the right.
4. "New device"
5. "Phone calls and audio"

The vehicle's Bluetooth name is displayed on the Control Display.

6. On the mobile device, search for Bluetooth devices in the vicinity and select the vehicle.  
A control number is displayed.
7. Compare the control number displayed on the Control Display with the control number on the display of the mobile device, and confirm that the two match.
8. "Use Android Auto"
9. If necessary, finish the setup on the mobile device.

The smartphone is connected to the vehicle and displayed in the device list.

## Operation

For more information, refer to the Integrated Owner's Manual or the Owner's Manual for Navigation, Entertainment, Communication.

## Frequently Asked Questions

All requirements are met and all required steps were completed in the specified order. Despite that, the mobile device does not function as expected.

In this case, the following explanations can help:

The smartphone has already been paired with Android Auto. When a new connection is established, Android Auto can no longer be selected.

- ▷ Delete the smartphone concerned from the device list.
- ▷ On the smartphone, delete the vehicle concerned from the list of stored connections under Bluetooth and under WLAN.
- ▷ Pair the smartphone as a new device.

If the steps listed have been carried out and the required function is still not available: contact the hotline, a dealer's service center or another qualified service center or repair shop.

## USB connection

### General information

The following mobile devices can be connected to the USB port:

- ▷ Mobile phones.
- ▷ Audio devices such as MP3 players.
- ▷ USB storage devices.

Common file systems are supported. FAT32 and exFAT are the recommended formats.

A connected USB device will be supplied with charge current via the USB port if the device supports this. Follow the maximum charge current of the USB port.

The following uses are possible on USB ports with data transfer:



- ▶ Playing music files.
- ▶ Playing videos.

Follow the following when connecting:

- ▶ Do not use force when plugging the connector into the USB port.
- ▶ Use a flexible adapter cable.
- ▶ Protect the USB device against mechanical damage.
- ▶ Due to the large number of USB devices available on the market, it cannot be guaranteed that every device is operable on the vehicle.
- ▶ Do not expose USB devices to extreme environmental conditions, such as very high temperatures; refer to the owner's manual of the device.
- ▶ Due to the many different compression techniques, proper playback of the media stored on the USB device cannot be guaranteed in all cases.
- ▶ To ensure proper transmission of the stored data, do not charge a USB device via the on-board socket, when it is connected to the USB port.
- ▶ Depending on how the USB device is being used, settings may be required on the USB storage device, refer to the owner's manual of the device.

Not compatible USB devices:

- ▶ USB hard drives.
- ▶ USB hubs.
- ▶ USB memory card readers with multiple slots.
- ▶ HFS-formatted USB devices.
- ▶ Devices such as fans or lamps.

## Functional requirement

Compatible device with USB port.

Additional information:

Compatible devices, refer to page [74](#).

## Connecting the device

Connect the USB device using a suitable adapter cable to a USB port.

The USB device is displayed in the device list.

Additional information:

USB port, refer to page [285](#).

# Opening and closing

## Vehicle features and options

This chapter describes all standard, country-specific and optional features offered with the series. It also describes features and functions that are not necessarily available in your vehicle, e.g., due to the selected options or country versions. This also applies to safety-related functions and systems. When using these functions and systems, the applicable laws and regulations must be observed.

## Vehicle key

### General information

The vehicle is supplied with two vehicle keys with integrated key.

Each vehicle key contains a replaceable battery.

Depending on the equipment and country version, various settings can be configured for the button functions.

A driver profile with personal settings can be assigned to a vehicle key.

To provide information on maintenance recommendations, the service data is stored in the vehicle key.

To prevent possible locking in of the vehicle key, take the vehicle key with you when exiting the vehicle.

### Safety information

#### Warning

People or animals in the vehicle can lock the doors from the inside and lock themselves in. In this case, the vehicle cannot be opened from the outside. There is a risk of injury. Take the

vehicle key with you so that the vehicle can be opened from the outside.

#### Warning

For some country versions, unlocking from the inside is only possible with special knowledge.

Persons who spend a lengthy time in the vehicle while being exposed to extreme temperatures are at risk of injury or death. Do not lock the vehicle from the outside when there are people in it.

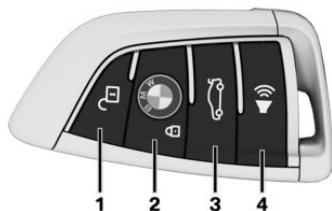
#### Warning

Unattended children or animals in the vehicle can cause the vehicle to move and endanger themselves and traffic, for instance due to the following actions:

- ▷ Pressing the Start/Stop button.
- ▷ Releasing the parking brake.
- ▷ Opening and closing the doors or windows.
- ▷ Engaging selector lever position N.
- ▷ Using vehicle equipment.

There is a risk of accidents or injuries. Do not leave children or animals unattended in the vehicle. Take the vehicle key with you when exiting and lock the vehicle.

## Overview



- 1 Unlocking
- 2 Locking  
Stationary climate control through Remote Engine Start [276](#)
- 3 Opening the trunk lid
- 4 Panic mode, pathway lighting

## Unlocking

### General information

The behavior of the vehicle during unlocking using the vehicle key depends on the following settings:

- ▶ If only the driver's door and the fuel filler flap or all access to the vehicle will be unlocked.
- ▶ If the unlocking of the vehicle is confirmed with a light signal or a sound signal.
- ▶ If the welcome light is switched on when the vehicle is being unlocked.

### Unlocking the vehicle

 Press the button on the vehicle key.

If, due to the settings, only the driver's door and fuel filler flap were unlocked, press the button on the vehicle key again to unlock the other vehicle access points.

In addition, the following functions are executed:

- ▶ The interior lights are switched on, unless they were manually switched off.
- ▶ Folded in exterior mirrors are folded out.  
If the exterior mirrors were folded in via the button in the car's interior, they will not be folded out when unlocking.
- ▶ With alarm system: The alarm system will be switched off.

After opening one of the front doors, the vehicle is ready for operation.

The light functions may depend on the ambient brightness.

### Convenient opening



Press and hold the button on the vehicle key after unlocking.

The windows and the glass sunroof with sun protection are opened, as long as the button on the vehicle key is pressed.

## Locking

### General information

The behavior of the vehicle during locking using the vehicle key depends on the following settings:

- ▶ If the locking of the vehicle is confirmed with a light signal or a sound signal.
- ▶ If the exterior mirrors are automatically folded in when the vehicle is locked. The exterior mirrors are not folded in when the hazard warning flashers are switched on.
- ▶ If pathway lighting is activated during locking.

### Locking the vehicle

1. Close the driver's door.

2.  Press the button on the vehicle key.

The following functions are executed:

- ▶ All doors, the trunk lid, and the fuel filler flap are locked.

- ▷ With alarm system: The alarm system will be switched on.

If the drive-ready state is still switched on when you lock the vehicle, the vehicle horn honks twice. In this case, the drive-ready state must be switched off by means of the Start/Stop button.

## With Comfort Access: convenient closing

### Safety information

#### Warning

With convenient closing, body parts can be jammed. There is a risk of injury. Make sure that the area of movement of the doors is clear during convenient closing.

### Closing



Press and hold the button on the vehicle key in the area close to the vehicle after locking.

The windows and the glass sunroof with sun protection are closed, as long as the button on the vehicle key is pressed.

The exterior mirrors are folded in unless they were folded in during locking. The exterior mirrors are not folded in when the hazard warning flashers are switched on.

## Switching on the interior and exterior lights



Press the button on the vehicle key with the vehicle locked.

The function is not available for the first 10 seconds after locking.

- ▷ The interior lights are switched on, unless they were manually switched off.

Interior lights, refer to page 176.

- ▷ Depending on the settings, the exterior lighting will be switched on.

Welcome lights, refer to page 172.

The light functions may depend on the ambient brightness.

## Trunk lid

### General information

To avoid locking the vehicle key in the vehicle, do not place the vehicle key in the cargo area.

You can set up if the doors will be unlocked when the trunk lid is opened with the vehicle key.

### Safety information

#### Warning

Body parts can be jammed when operating the trunk lid. There is a risk of injury. Make sure that the area of movement of the trunk lid is clear during opening and closing.

#### NOTICE

During opening, the trunk lid pivots back and up. There is a risk of damage to property. Make sure that the area of movement of the trunk lid is clear during opening and closing.

### Opening



Press and hold the button on the vehicle key for approx. 1 second.

## Panic mode

You can trigger the alarm system if you find yourself in a dangerous situation.



- ▷ Press the button on the vehicle key and hold for at least 3 seconds.
- ▷ Briefly press the button on the vehicle key three times in succession.

To switch off the alarm: press any button.

## Switching pathway lighting on



Press and hold the button on the vehicle key for approx. 1 second.

It is possible to adjust the duration of the pathway lighting feature.

Additional information:

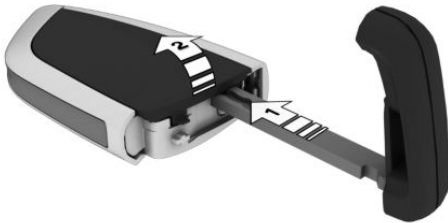
Pathway lighting, refer to page 172.

## Replacing the battery

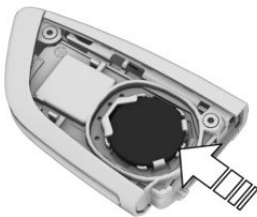
1. Remove the integrated key from the vehicle key.

Integrated key, refer to page 91.

2. Place the integrated key underneath the battery compartment cover, arrow 1, and lift the cover with a lever movement of the integrated key, arrow 2.



3. Push battery in the direction of the arrow using a pointed object and lift it out.



4. Insert a type CR 2032 battery with the positive side facing up.

5. Press the cover closed.
6. Push the integrated key into the vehicle key until the integrated key engages.



Have old batteries disposed of by a dealer's service center or another qualified service center or repair shop or take them to a collection point.

## Additional vehicle keys

Additional vehicle keys are available from a service center or another qualified service center or repair shop.

## Loss of vehicle keys

A lost vehicle key can be blocked and replaced by a dealer's service center or another qualified service center or repair shop.

If the lost vehicle key has an assigned driver profile, the connection to this vehicle key must be deleted. A new vehicle key can then be assigned to the driver profile.

## Malfunction

### General information

A Check Control message is displayed.

Vehicle key recognition by the vehicle may malfunction under the following circumstances:

- ▷ The battery of the vehicle key is discharged.
- ▷ Interference of the radio connection from transmission towers or other equipment with high transmitting power.
- ▷ Shielding of the vehicle key due to metal objects.

Do not transport the vehicle key together with metal objects.

- ▷ Interference of the radio connection from mobile phones or other electronic devices in direct proximity to the vehicle key.

Do not transport the vehicle key together with electronic devices.

- ▶ Interference of radio transmission by a charging process of mobile devices, for instance charging of a mobile phone.
- ▶ The vehicle key is located in direct proximity of the tray for wireless charging tray.

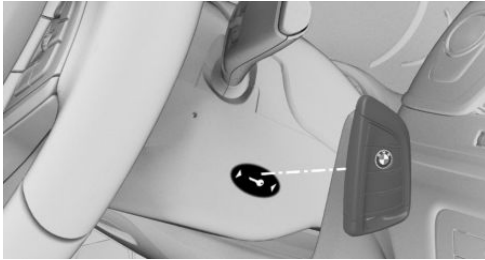
Place the vehicle key in a different location.

In the case of interference, the vehicle can also be unlocked and locked from the outside with the integrated key.

Additional information:

Integrated key, refer to page 91.

## Switching the drive-ready state on via emergency detection of the vehicle key



It is not possible to switch on the drive-ready state if the vehicle key has not been detected.

Proceed as follows in this case:

1. Hold the back of the vehicle key against the marked area on the steering column. Pay attention to the display in the instrument cluster.
2. If the vehicle key is detected:  
Switch on drive-ready state within 10 seconds.

If the vehicle key is not recognized, slightly change the position of the vehicle key and repeat the procedure.

## Frequently Asked Questions

What precautions can be taken to be able to open a vehicle with an accidentally locked in vehicle key?

- ▶ The options provided by the Remote Services of the BMW Connected app include the ability to lock and unlock a vehicle.

This requires an active BMW Connected-Drive contract and the BMW Connected app must be installed on a smartphone.

- ▶ Unlocking the vehicle can be requested via the BMW ConnectedDrive Call Center.

An active BMW ConnectedDrive contract is required.

## Key card

### Concept

The key card allows the vehicle to be unlocked and locked, as well as started.

### General information

The Key Card is available with Comfort Access and Steptronic transmission. Depending on the national-market version, the Key Card may not be available.

A digital key that has already been paired with the vehicle is installed on the Key Card. The digital key must be activated via iDrive.

Before leaving the vehicle, deactivate the Key Card or take the Key Card with you because the active Key Card can be used to start the vehicle. Always take the vehicle key with you to a service appointment.

### Safety information

#### **Warning**

People or animals in the vehicle can lock the doors from the inside and lock themselves in. In this case, the vehicle cannot be opened from the outside. There is a risk of injury. Take the vehicle key with you so that the vehicle can be opened from the outside.

**⚠ Warning**

For some country versions, unlocking from the inside is only possible with special knowledge.

Persons who spend a lengthy time in the vehicle while being exposed to extreme temperatures are at risk of injury or death. Do not lock the vehicle from the outside when there are people in it.

**⚠ Warning**

Unattended children or animals in the vehicle can cause the vehicle to move and endanger themselves and traffic, for instance due to the following actions:

- ▷ Pressing the Start/Stop button.
- ▷ Releasing the parking brake.
- ▷ Opening and closing the doors or windows.
- ▷ Engaging selector lever position N.
- ▷ Using vehicle equipment.

There is a risk of accidents or injuries. Do not leave children or animals unattended in the vehicle. Take the vehicle key with you when exiting and lock the vehicle.

**Connection to the vehicle**

The communication between the vehicle and the key card uses near-field communication, NFC.

**Activating/deactivating key card in the vehicle****General information**

The Key Card must be located in the smartphone tray and a vehicle key must be located in the vehicle to activate the Key Card.

A vehicle key must be located in the vehicle to deactivate the Key Card.

When BMW Digital Key is activated for the vehicle, a digital key can be used instead of the vehicle key.

A deactivated key card remains in the list of paired digital keys.

**Activate Key Card**

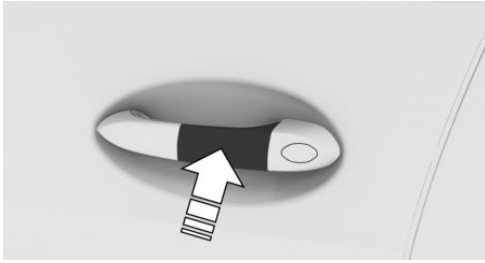
1. Open the cover of the smartphone tray.
2. Place Key Card centered into the smartphone tray.
3. Follow the instructions on the Control Display to activate the Key Card.

**Deactivate Key Card**

1. "CAR"
2. "Settings"
3. "Doors/ vehicle access"
4. "Digital Key"
5. Select key card.
6. "Key active."

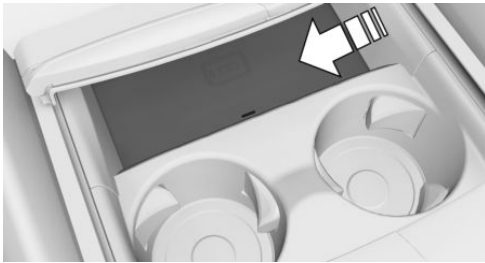
A deactivated key card remains in the list of paired digital keys.

## Unlocking and locking the vehicle



Hold activated Key Card directly and centered on the external door handle of the driver's door.

## Starting the engine



1. Open the cover of the smartphone tray.
2. Place activated key card centered into the smartphone tray.
3. Press the Start/Stop button to start the engine.

With wireless charging tray: After starting the engine, take the key card out of the tray to make tray available for charging compatible smartphones.

## Malfunction

The detection of the key card by the vehicle may be disrupted by objects between the sensors and the key card, for instance a wallet.

## BMW Digital Key

### Concept

BMW Digital Key allows the vehicle to be unlocked and locked, as well as started, with a compatible smartphone.

### General information

The BMW Digital Key is available with Comfort Access and Steptronic transmission. Depending on the national-market version, the BMW Digital Key may not be available.

BMW Digital Key can be used with a compatible smartphone or other compatible mobile devices, such as a Smartwatch.

To unlock and start a vehicle with a compatible smartphone, this function must be offered by the smartphone manufacturer. The BMW app provides a check to determine if the smartphone and the vehicle are compatible.

A driver profile with individual settings can be assigned to a digital key.

Additional information:

Driver profiles, refer to page 69.

When using a smartphone as a digital key, always carry a vehicle key or the activated key card with you. This ensures access to the vehicle, even in the event of a smartphone malfunction. It is also useful to carry the vehicle key or the key card with you if the vehicle has to be handed over to another person. You can then hand over the vehicle key or the key card, instead of your smartphone. Always take the vehicle key with you to a service appointment.

## Safety information

### Warning

People or animals in the vehicle can lock the doors from the inside and lock themselves in. In this case, the vehicle cannot be opened from the outside. There is a risk of injury. Take the



vehicle key with you so that the vehicle can be opened from the outside.

### **Warning**

For some country versions, unlocking from the inside is only possible with special knowledge.

Persons who spend a lengthy time in the vehicle while being exposed to extreme temperatures are at risk of injury or death. Do not lock the vehicle from the outside when there are people in it.

### **Warning**

Unattended children or animals in the vehicle can cause the vehicle to move and endanger themselves and traffic, for instance due to the following actions:

- ▷ Pressing the Start/Stop button.
- ▷ Releasing the parking brake.
- ▷ Opening and closing the doors or windows.
- ▷ Engaging selector lever position N.
- ▷ Using vehicle equipment.

There is a risk of accidents or injuries. Do not leave children or animals unattended in the vehicle. Take the vehicle key with you when exiting and lock the vehicle.

## Connection to the vehicle

The communication between the vehicle and the smartphone uses near-field communication, NFC.

## Functional requirements

- ▷ The smartphone is compatible with BMW Digital Key
- ▷ The vehicle is linked with the Connected-Drive account of the vehicle owner.

- ▷ The rechargeable battery of the smartphone has a sufficient charge. The necessary minimum charge of the rechargeable battery depends on the smartphone.

## Enable the digital remote control key

Vehicle owner's smartphone is enabled as a digital remote control key in the vehicle. The vehicle owner must prove his authorization for the vehicle for this purpose.

The proof of authorization can be started via the BMW app or via the activation code in the corresponding smartphone function, for instance the Wallet app. Both vehicle keys must be located in the vehicle to be enabled.

Follow the instructions in the Digital Key menu in the BMW app or on the Control Display.

The valid service period of the digital key may be limited. The expiration date of the validity can be checked in the BMW app.

After a digital key has expired, it can still be used to move the vehicle until the vehicle is used with a different vehicle key or digital key.

## Sharing digital keys

### General information

Digital key allows the sharing of digital keys with other people. This option is available via the smartphone that is enabled as digital remote control key.

### Forwarding authorization

To share the digital key, select the corresponding function on the smartphone, for instance in the Wallet app.

As soon as a digital key is shared with another person, the person will receive an invitation. When the invitation is accepted, the digital key on the recipient's smartphone will be activated.

## Authentication

Depending on the recipient's smartphone model, an authentication may be required for security and safety reasons.

An authorized vehicle key, the digital remote control key or another method may be used for authentication. Follow the corresponding instructions on the smartphone or the Control Display.

## Deleting a shared key

### General information

Shared keys can be deleted via the smartphone with the digital remote control key, the smartphone with a shared key or via iDrive.

The deletion via the smartphone with the digital remote control key will not be performed until the vehicle is used with a key other than the key to be deleted.

The deletion via the smartphone with a shared key or via iDrive is executed immediately.

Deleted digital keys will be removed from the list of enabled digital keys.

Deleted digital keys cannot be restored.

### Deletion via iDrive

To be able to delete a digital key via iDrive, an authorized vehicle key must be located in the vehicle or the remote control key must be located in the smartphone tray.

1. "CAR"
2. "Settings"
3. "Doors/ vehicle access"
4. "Digital Key"
5. If necessary, select the digital key.
6. "Delete key"

## Reset the function

To reset the BMW Digital Key function, an authorized vehicle key must be located in the vehicle.

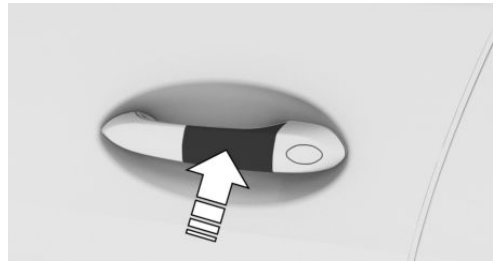
When resetting the BMW Digital Key function, all digital keys including the digital remote control key will be deleted.

After the reset, the vehicle can no longer be unlocked, locked or started with a digital key.

The digital remote control key must be enabled again to be able to use BMW Digital Key again.

1. "CAR"
2. "Settings"
3. "Doors/ vehicle access"
4. "Digital Key"
5. "Reset function"

## Unlocking and locking the vehicle



Hold the near field communication antenna of the smartphone directly and centered on the external door handle of the driver's door.

The position of the near field communication antenna depends on the smartphone model.

When locking the vehicle with the smartphone, make sure that all doors including the trunk lid are closed.

## Starting the engine



1. Open the cover of the smartphone tray.
2. Place smartphone centered into the smartphone tray.  
Ensure that the display is facing up.
3. Close the cover of the smartphone tray.
4. Press the Start/Stop button to start the engine.

## Sale of the smartphone

Delete all digital keys on the smartphone prior to selling the smartphone. This ensures that that the smartphone can no longer be used for the vehicle.

## Sale of the vehicle

Prior to selling a vehicle, reset the Digital Key function or remove the vehicle from the ConnectedDrive account of the current vehicle owner.

When the vehicle is removed from the ConnectedDrive account, all digital keys for the vehicle will be deleted.

## Malfunction

Digital key recognition by the vehicle may malfunction under the following circumstances:

- ▶ The smartphone is shielded from the sensors in the vehicle by a smartphone cover that is not suitable.
- ▶ Objects such as a chip card or the key card are located between the smartphone and the smartphone cover.

## Integrated key

### General information

The driver's door can be locked and unlocked without the vehicle key using the integrated key.

Depending on the national-market version, the integrated key also fits the glove compartment.

### Safety information

#### **Warning**

For some country versions, unlocking from the inside is only possible with special knowledge.

Persons who spend a lengthy time in the vehicle while being exposed to extreme temperatures are at risk of injury or death. Do not lock the vehicle from the outside when there are people in it.

#### **NOTICE**

The door lock is permanently joined with the door. The door handle can be moved. When pulling the door handle with the integrated key inserted, paint or the integrated key can be damaged. There is a risk of damage to property, among other potential damage. Remove the integrated key before pulling the external door handle.

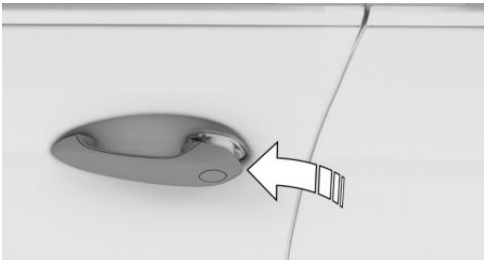
## Removing



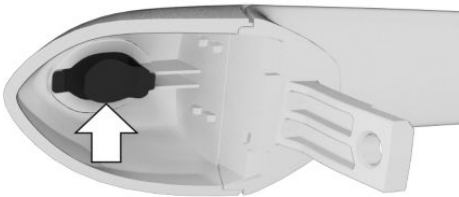
Press the button, arrow 1, and pull out the integrated key, arrow 2.

## Locking/unlocking via the door lock

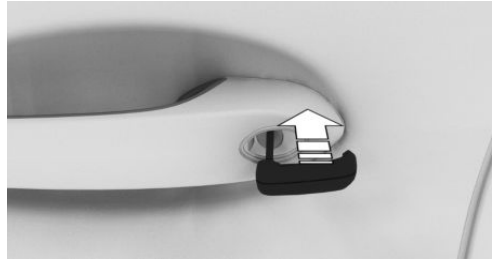
1. Pull and hold the door handle outward with one hand.



2. Guide one finger of your other hand from the back under the cover and push the cover out. Use the thumb for counter support to prevent the cover from falling out of the door handle.



3. Remove the cover.
4. Unlock or lock the door lock using the integrated key.



The other doors must be unlocked or locked from the inside.

## Alarm system

The activated alarm system is triggered when the door is opened, if the vehicle has been unlocked via the door lock.

The alarm system is not switched on if the vehicle is locked with the integrated key.

## Buttons for the central locking system

### General information


In the event of a severe accident, the vehicle is automatically unlocked. The hazard warning system and interior lights come on.

### Overview



Buttons for the central locking system.

## Locking


 Press the button with the front doors closed.

- ▷ The fuel filler flap remains unlocked.
- ▷ The vehicle is not secured against theft when locking.

## Unlocking

 Press the button.

## Opening

- ▷  Press the button to unlock all the doors.

Pull the door opener above the armrest.

- ▷ Front doors: pull the door handle on the door to open the door. The other doors remain locked.
- ▷ Back doors: pull twice on the door handle on the door to be opened; the first time unlocks the door, the second time opens it. The other doors remain locked.

## Comfort Access

### Concept

The vehicle can be accessed without operating the vehicle key.

Carrying the vehicle key with you, e.g., in your pants pocket, is sufficient.

The vehicle automatically detects the vehicle key when it is in close proximity or in the car's interior.

### General information

Comfort Access supports the following functions:

- ▷ Unlocking and locking the vehicle from the door handle.

- ▷ Convenient closing.
- ▷ Touchless unlocking and locking of the vehicle.
- ▷ Steptronic transmission: unlocking and locking the vehicle using the BMW Digital Key.
- ▷ Opening trunk lid.
- ▷ Opening and closing the trunk lid with no-touch activation.

## Functional requirements

- ▷ To lock the vehicle, the vehicle key must be outside of the vehicle near the doors.
- ▷ The next unlocking and locking cycle is not possible until after approx. 2 seconds.

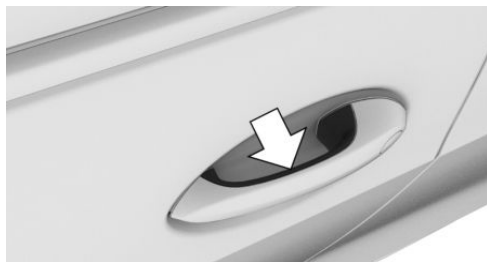
## Unlocking

### General information

The behavior of the vehicle during unlocking via the Comfort Access depends on the following settings:

- ▷ If the unlocking of the vehicle is confirmed with a light signal or a sound signal.
- ▷ If the welcome light is switched on when the vehicle is being unlocked.

## Unlocking the vehicle



Grasp the handle of a vehicle door completely.

In addition, the following functions are executed:

- ▷ If a driver profile was assigned to the vehicle key, this driver profile will be activated and the settings that are stored in it will be applied.

- ▷ The interior lights are switched on, unless they were manually switched off.
- ▷ Folded in exterior mirrors are folded out. If the exterior mirrors were folded in via the button in the car's interior, they will not be folded out when unlocking.
- ▷ With alarm system: The alarm system will be switched off.

## Locking

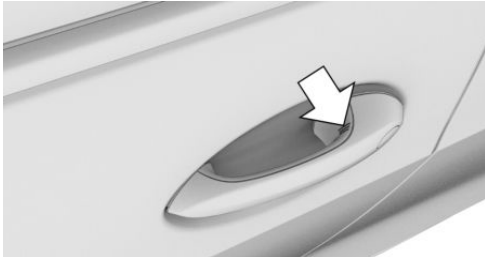
### General information

The behavior of the vehicle during locking via the Comfort Access depends on the following settings:

- ▷ If the locking of the vehicle is confirmed with a light signal or a sound signal.
- ▷ If the exterior mirrors are automatically folded in when the vehicle is locked. The exterior mirrors are not folded in when the hazard warning flashers are switched on.
- ▷ If pathway lighting is activated during locking.

### Locking the vehicle

Close the driver's door.



Touch the grooved surface on the handle of a closed vehicle door with your finger for approx. 1 second without grasping the door handle.

The following functions are executed:

- ▷ All doors, the trunk lid, and the fuel filler flap are locked.
- ▷ With alarm system: The alarm system will be switched on.

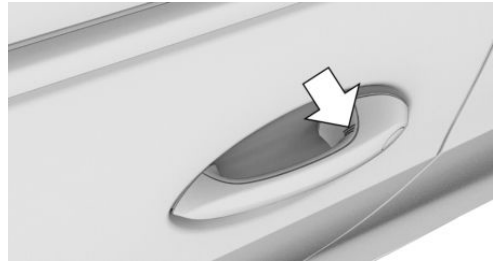
## Convenient closing

### Safety information

#### Warning

With convenient closing, body parts can be jammed. There is a risk of injury. Make sure that the area of movement of the doors is clear during convenient closing.

### Closing



Touch the grooved surface on the handle of a closed vehicle door with your finger and hold it there without grasping the door handle.

In addition to locking, the windows and glass sunroof with sun protection will be closed.

The exterior mirrors are folded in unless they were folded in during locking. The exterior mirrors are not folded in when the hazard warning flashers are switched on.

## Opening the trunk lid

### General information

If you open the trunk lid via Comfort Access, locked doors will not be unlocked.

To avoid locking the vehicle key in the vehicle, do not place the vehicle key in the cargo area.

## Safety information

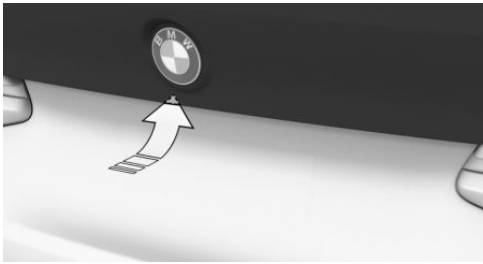
### Warning

Body parts can be jammed when operating the trunk lid. There is a risk of injury. Make sure that the area of movement of the trunk lid is clear during opening and closing.

### NOTICE

During opening, the trunk lid pivots back and up. There is a risk of damage to property. Make sure that the area of movement of the trunk lid is clear during opening and closing.

## Opening



Press the button on the exterior of the trunk lid.

## Opening and closing the trunk lid with no-touch activation

### Concept

The trunk lid can be opened with no-touch activation using the vehicle key you are carrying. With automatic tailgate operation, it can also be closed with no-touch activation. Two sensors detect a forward-directed foot motion in the central rear area and the trunk lid is opened or closed.

### General information

To avoid locking the vehicle key in the vehicle, do not place the vehicle key in the cargo area.

If the vehicle key is in the sensor area, the trunk lid may open or close inadvertently if you unintentionally move your foot or if a foot movement is detected.

The sensor has an approximate range of 5 ft/1.50 m extending from the rear of the vehicle.

If you open the trunk lid with no-touch activation, locked doors will not be unlocked.

Contactless opening and closing of the trunk lid must be activated in the settings.

## Safety information

### Warning

During no-touch activation, vehicle parts may be touched, such as the hot exhaust gas system. There is a risk of injury. When moving your foot, make sure you have a firm stance and do not touch the vehicle.

### Warning

Body parts can be jammed when operating the trunk lid. There is a risk of injury. Make sure that the area of movement of the trunk lid is clear during opening and closing.

### NOTICE

During opening, the trunk lid pivots back and up. There is a risk of damage to property. Make sure that the area of movement of the trunk lid is clear during opening and closing.

## Settings

1. "CAR"
2. "Settings"
3. "Doors/ vehicle access"
4. "Tailgate"
5. Select the desired setting:

- ▷ "Open with foot movement"  
Contactless opening of the trunk lid is switched on or off.
- ▷ "Close by foot movement"  
Contactless closing of the trunk lid is switched on or off.

## Performing the foot movement

1. Stand in the middle behind the vehicle at approx. one arm's length away from the rear end.
2. Wave a foot under the vehicle in the direction of travel and immediately pull it back. With this movement, the leg must pass through the ranges of both sensors.



## Opening

Perform the foot movement described earlier.  
Before the trunk lid opens, the hazard warning system flashes.

With automatic tailgate: Moving your foot again will stop the opening motion, and moving it one more time after that will close the trunk lid.

## Closing

The trunk lid can only be closed with no-touch activation if automatic tailgate operation is active.  
Perform the foot movement described earlier.

The hazard warning system flashes and an acoustic signal sounds.

Moving your foot again will stop the closing motion, and moving it one more time after that will re-open the trunk lid.

## Touchless unlocking and locking of the vehicle

### Concept

The vehicle will be unlocked when the driver approaches the locked vehicle with the vehicle key.  
When the driver walks away from the unlocked vehicle with the vehicle key, the vehicle will be locked.

### General information

The vehicle will be unlocked when an authorized vehicle key is detected in the unlocking zone.

The unlocking zone is located within a radius of approx. 3 ft/1 m around the door handles.

The vehicle will be locked when the vehicle key leaves the locking zone.

The locking zone is located within a radius of approx. 7 ft/2 m around the door handles.

If the vehicle key is located in the unlocking zone for an extended period of time without movement, the vehicle will be locked automatically.

If a passenger is detected in the front passenger seat during locking and the safety belt of the front passenger is engaged in the safety belt buckle during locking:

- ▷ The vehicle will be locked but not secured against theft.
- ▷ The fuel filler flap remains unlocked.

The behavior of the vehicle during touchless unlocking/locking depends on the following settings:

- ▷ If the automatic unlocking is active.
- ▷ If the automatic locking is active.
- ▷ If only the driver's door and the fuel filler flap or all access to the vehicle will be unlocked.

Only driver's door and fuel filler flap: the driver's door and fuel filler flap will only be unlocked when the driver approaches the vehicle on the driver's side.



All vehicle entry points: the vehicle will be unlocked regardless of the side on which the driver approaches the vehicle.

- ▶ If the unlocking and locking of the vehicle is confirmed with a light signal or a sound signal.
- ▶ If the welcome light is switched on when the vehicle is being unlocked.
- ▶ If pathway lighting is activated during locking.
- ▶ If the exterior mirrors are automatically folded out and in when the vehicle is unlocked and locked.

## Functional requirements

- ▶ The drive-ready state must be turned off.
- ▶ Unlocking: when entering the unlocking zone, the doors and trunk lid must be closed.
- ▶ Locking: when leaving the locking zone, the doors and trunk lid must be closed.
- ▶ For touchless locking of the vehicle, no second vehicle key can be located in a radius of six meters around the vehicle.
- ▶ If the vehicle has been in the idle state for several days, touchless unlocking/locking is not possible until after the vehicle has been driven.

## Malfunction

Vehicle key recognition by the vehicle may malfunction under the following circumstances:

- ▶ The battery of the vehicle key is discharged.  
For replacing the battery, refer to page 85.
- ▶ Interference of the radio connection from transmission towers or other equipment with high transmitting power.
- ▶ Shielding of the vehicle key due to metal objects.

Do not transport the vehicle key together with metal objects.

- ▶ Interference of the radio connection from mobile phones or other electronic devices in direct proximity to the vehicle key.

Do not transport the vehicle key together with electronic devices.

Wet or snowy conditions may disrupt the locking request recognition function on the door handles.

In the case of a malfunction, unlock and lock the vehicle using the buttons of the vehicle key or use the integrated key.

Additional information:

Integrated key, refer to page 91.

## Trunk lid

### General information

To avoid locking the vehicle key in the vehicle, do not place the vehicle key in the cargo area.

It may not be possible to open the trunk lid when the vehicle is in valet parking mode.

Additional information:

Valet parking mode, refer to page 99.

### Safety information

#### **Warning**

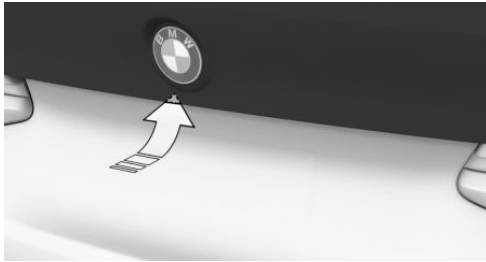
Body parts can be jammed when operating the trunk lid. There is a risk of injury. Make sure that the area of movement of the trunk lid is clear during opening and closing.


#### **NOTICE**

During opening, the trunk lid pivots back and up. There is a risk of damage to property. Make sure that the area of movement of the trunk lid is clear during opening and closing.


## Without automatic tailgate operation: opening and closing

### Opening from the outside



- ▷ Unlock the vehicle and then press the button on the outside of the trunk lid.
- ▷ With Comfort Access: carry the vehicle key with you and press the button on the outside of the trunk lid.
- ▷  Press and hold the button on the vehicle key for approx. 1 second.  
When unlocking with the vehicle key, the doors may also be unlocked.

### Open from inside

- ▷  Press or pull the button in the storage compartment of the driver's door.

### Closing

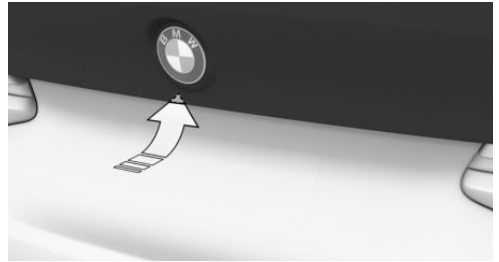



Grasp the recess grips and pull the trunk lid down.

## With automatic tailgate operation: opening and closing

### Opening

#### From the outside



- ▷ Unlock the vehicle and then press the button on the outside of the trunk lid.
- ▷ With Comfort Access: carry the vehicle key with you and press the button on the outside of the trunk lid.
- ▷  Press and hold the button on the vehicle key for approx. 1 second.  
Depending on the setting, the doors may also be unlocked.

#### From the inside

- ▷  Press the button in the storage compartment of the driver's door.

### Interruption of the opening procedure


The opening operation is interrupted:

- ▷ When the vehicle starts moving.
- ▷ By pressing the button on the outside of the trunk lid. Pressing again closes the trunk lid.
- ▷ By pressing the button on the inside of the trunk lid. Pressing again closes the trunk lid.
- ▷ By pressing the button on the vehicle key. Pressing again continues the opening motion.


- ▶ By pressing or pulling the button in the driver's door. Pressing again continues the opening motion.

## Closing

### From the outside


- ▶  Press the button on the inside of the trunk lid.

With Comfort Access:

- ▶  Press the button on the inside of the trunk lid.

The vehicle will be locked after closing the trunk lid. The driver's door must be closed for this purpose and the vehicle key must be outside of the vehicle in the area of the trunk lid.

### From the inside

- ▶  Pull and hold the button in the storage compartment of the driver's door.

The vehicle key must be located inside the vehicle for this function.

An acoustic signal sounds before the trunk lid is closed.

### Interruption of the closing procedure

The closing procedure is interrupted in the following situations:

- ▶ If the vehicle starts off with a jerky movement.
- ▶ By pressing the button on the outside of the trunk lid. Pressing again re-opens the trunk lid.
- ▶ By pressing the button on the inside of the trunk lid. Pressing again re-opens the trunk lid.
- ▶ By releasing the button in the driver's door. Pulling again and holding continues the closing motion.

## Malfunction

In the event of an electrical malfunction, operate the unlocked trunk lid manually with a slow and smooth motion.

## Trunk emergency unlocking



Pull the handle inside the cargo area.

The trunk lid unlocks.

## Valet parking mode

### Concept

In the valet parking mode, the Control Display is locked. The operation via iDrive is no longer possible.

E.g., this mode can be used when the vehicle is handed over for valet parking.

### General information

In the valet parking mode, it is not possible to change vehicle settings via iDrive. Personal profiles cannot be changed. Personal data cannot be displayed.

Additionally, the following actions are carried out:

- ▶ The volume of the audio system is limited.
- ▶ The integrated remote control is deactivated.
- ▶ DSC cannot be switched off.
- ▶ Depending on the vehicle, the trunk lid can be locked and disconnected from the central locking system.

## Functional requirements

- ▷ At least one driver profile has been created.
- ▷ A driver profile or the guest profile is active.
- ▷ At least one driver profile has an assigned ConnectedDrive account.

## Accessing the menu for the valet parking mode

### Via the switch-off screen

After switching off drive-ready state the switch-off screen will be displayed. Select the entry for the valet parking mode on the switch-off screen.

### Via the display bar at the upper edge of the Control Display

1. Tip the Controller up.
2. "Valet parking mode"

### Via the vehicle settings

1. "CAR"
2. "Settings"
3. "General settings"
4. "Valet parking mode"

## Activating the valet parking mode

### General information

Before activating the valet parking mode, a PIN must be set up to be able to deactivate the valet parking mode at a future time.

The procedure for entering the PIN varies depending on the active driver profile.

### Driver profile with PIN

A PIN has been stored for the active driver profile.

It is not necessary to enter another PIN.

1. Depending on the vehicle, select the desired setting, if necessary:

"Lock tailgate as well"

The trunk lid will be locked and disconnected from the central locking system.

2. "Activate now"

### Driver profile without PIN

A PIN must be assigned to the driver profile.

1. "PIN"
2. Enter PIN.
3. Depending on the vehicle, select the desired setting, if necessary:
  - ▷ "Lock tailgate as well"
 

The trunk lid will be locked and disconnected from the central locking system.
  - ▷ "Activate linkage"
 

This PIN will be stored for the active driver profile.
4. "Activate now"

### Guest profile

The guest profile is the active driver profile.

A PIN must be entered.

1. "PIN"
2. Enter PIN.
3. Select the desired setting:

"Lock tailgate as well"

The trunk lid will be locked and disconnected from the central locking system.

4. "Activate now"

This PIN can be used once to deactivate the valet parking mode for the active guest profile.

## Deactivating valet parking mode

### General information

The lock screen of the valet parking mode is displayed on the Control Display.