

Owner's Manual
for Vehicle



The Ultimate
Driving Machine



650i **Owner's Manual for Vehicle**

Congratulations, and thank you for choosing a BMW.

Thorough familiarity with your vehicle will provide you with enhanced control and security when you drive it. We therefore have this request:

Please take the time to read this Owner's Manual and familiarize yourself with the information that we have compiled for you before starting off in your new vehicle. It contains important data and instructions intended to assist you in gaining maximum use and satisfaction from your BMW's unique range of technical features. The manual also contains information on maintenance designed to enhance operating safety and contribute to maintaining the value of your BMW throughout an extended service life.

This manual is supplemented by a Service and Warranty Information Booklet for US models or a Warranty and Service Guide Booklet for Canadian models.

We wish you an enjoyable driving experience.

BMW AG

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Contents

The fastest way to find specific topics is to use the index, refer to page [217](#).

Using this Owner's Manual

[4](#) Notes

Reporting safety defects [7](#)

At a glance

[10](#) Cockpit

[16](#) iDrive

[22](#) Voice command system

Controls

[28](#) Opening and closing

[47](#) Adjustments

[56](#) Transporting children safely

[58](#) Driving

[74](#) Everything under control

[85](#) Technology for comfort, convenience and safety

[96](#) Lamps

[100](#) Climate

[106](#) Practical interior accessories

Driving tips

[114](#) Things to remember when driving

Navigation

[120](#) Starting navigation system

[121](#) Destination entry

[132](#) Destination guidance

[137](#) What to do if ...

Entertainment

[140](#) On/off and tone

[144](#) Radio

[153](#) CD player and CD changer

Communications

[162](#) Telephoning

[174](#) TeleService, BMW Assist

Mobility

[182](#) Refueling

[184](#) Wheels and tires

[190](#) Under the hood

[195](#) Maintenance

[197](#) Replacing components

[202](#) Giving and receiving assistance

Reference

[210](#) Technical data

[213](#) Short commands of the voice command system

[217](#) Everything from A to Z

Notes

Using this Owner's Manual

We have made every effort to ensure that you are able to find what you need in this Owner's Manual as quickly as possible. The fastest way to find specific topics is to use the detailed index at the back of the manual. If you wish to gain an initial overview of your vehicle, you will find this in the first chapter.


Should you want to sell your BMW some day, please remember to hand over the Owner's Manual as well; it is an important component of your vehicle.


Additional sources of information


Should you have any other questions, your BMW center will be glad to advise you at any time.

You can find information on BMW, e.g. technology, on the Internet at www.bmwusa.com.

Symbols used

 Indicates precautions that must be followed precisely in order to avoid the possibility of personal injury and serious damage to the vehicle.

 Indicates information that will assist you in gaining the optimum benefit from your vehicle and enable you to care more effectively for your vehicle.

 Refers to measures that can be taken to help protect the environment.

◀ Marks the end of a specific item of information.


* Indicates special equipment, country-specific equipment and optional extras, as well as equipment and functions not yet available at the time of printing.

"..." Identifies Control Display texts used to select individual functions.

)...⟨ Verbal instructions to use with the voice command system.

)...⟨⟨ Identifies the answers generated by the voice command system.

Symbols on vehicle components

 Indicates that you should consult the relevant section of this Owner's Manual for information on a particular part or assembly.

The individual vehicle

When purchasing your BMW, you have decided in favor of a model with individualized equipment and features. This Owner's Manual describes the entire array of options and equipment available with a specific BMW model.

Please bear in mind that the manual may contain information on accessories and equipment that you have not specified for your own vehicle. Sections describing options and special equipment are marked by asterisks * to assist you in identifying possible differences between the descriptions in this manual and your own vehicle's equipment.


If equipment in your BMW is not described in this Owner's Manual, please refer to the accompanying Supplementary Owner's Manuals.

Editorial notice

BMW pursues a policy of continuous, ongoing development that is conceived to ensure that our vehicles continue to embody the highest quality and safety standards combined with advanced, state-of-the-art technology. In isolated cases it is possible that the features described in this Owner's Manual could differ from those on your vehicle.


For your own safety

Maintenance and repairs

 Advanced technology, e.g. the use of modern materials and high-performance electronics, requires specially adapted maintenance and repair methods. Have corresponding work on your BMW performed only by your BMW center or a workshop that works according to BMW repair procedures with appropriately trained personnel. If this work is not carried out properly, there is a danger of subsequent damage and related safety hazards. ◀

California Proposition 65 Warning


California law requires us to issue the following 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. 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. ◀

Parts and accessories

 For your own safety, use genuine parts and accessories approved by BMW.

When you purchase accessories tested and approved by BMW and Genuine BMW Parts, you simultaneously acquire the assurance that they have been thoroughly tested by BMW to ensure optimum performance when installed on your vehicle.


BMW warrants these parts to be free from defects in material and workmanship.

BMW will not accept any liability for damage resulting from installation of parts and accessories not approved by BMW.

BMW cannot test every product made by other manufacturers to verify if it can be used on a BMW safely and without risk to either the vehicle, its operation, or its occupants.

Genuine BMW Parts, BMW Accessories and other products approved by BMW, together with professional advice on using these items, are available from all BMW centers.

Installation and operation of non-BMW approved accessories such as alarms, radios, amplifiers, radar detectors, wheels, suspension components, brake dust shields, telephones, including operation of any mobile phone from within the vehicle without using an externally mounted antenna, or transceiver equipment, for instance, CBs, walkie-talkies, ham radios or similar accessories, may cause extensive damage to the vehicle, compromise its safety, interfere with the vehicle's electrical system or affect the validity of the BMW Limited Warranty. See your BMW center for additional information. ◀

 Maintenance, replacement, or repair of the emission control devices and systems may be performed by any automotive repair establishment or individual using any certified automotive part. ◀

Service and warranty

We recommend that you read this publication thoroughly.

Your BMW 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.

Reporting safety defects

For U.S. customers

The following applies only 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 (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 and your dealer or BMW of North America, LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-800-327-4236 (TTY: 1-800-424-9153); go to <http://www.safercar.gov>; or write to: Administrator, NHTSA, 400 Seventh Street, SW., 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 telephone the toll free hotline 1-800-333-0510, or contact Transport Canada by mail at: Transport Canada, ASFAD, Place de Ville Tower C, 330 Sparks Street, Ottawa ON K1A 0N5.



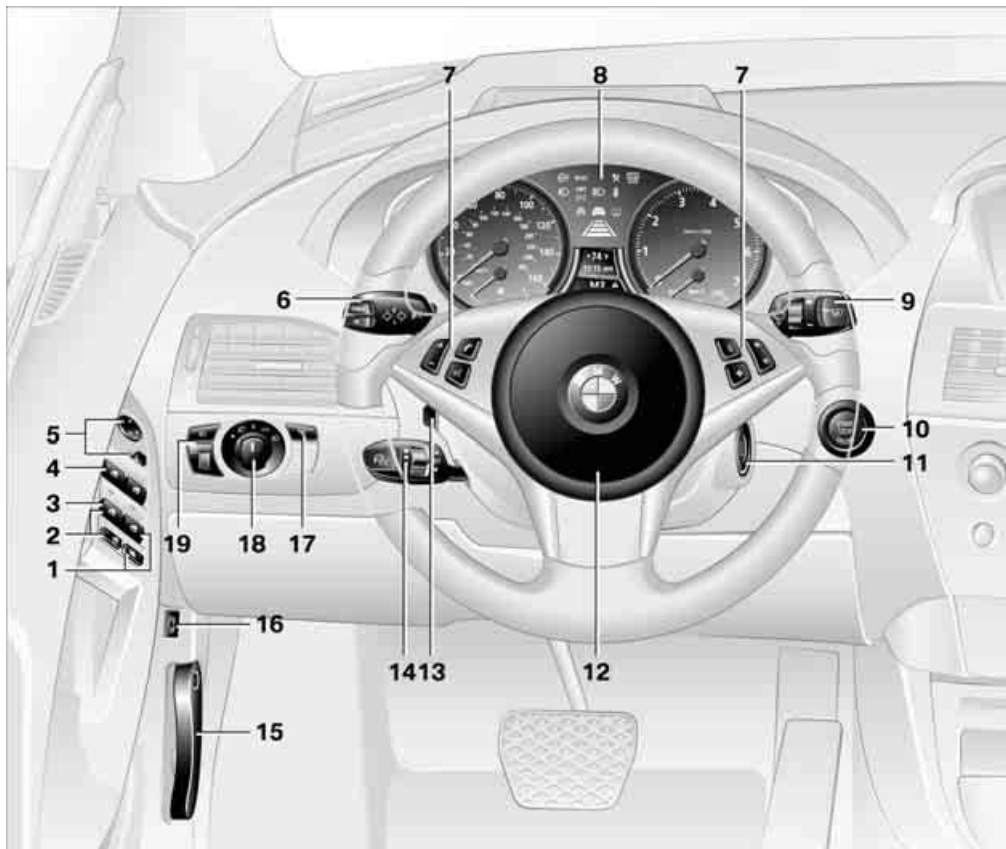


At a glance







This overview of buttons, switches and displays is intended to familiarize you with your vehicle's operating environment. The section will also assist you in becoming acquainted with the control concepts and options available for operating the various systems.

Cockpit

All around the steering wheel: controls and displays



- 1 Convertible: opening and closing rear window [39](#)
- 2 Convertible: opening and closing windows together [39](#)
- 3 Convertible: opening and closing back windows [38](#)
- 4 Opening and closing front windows [38](#)
- 5 Adjusting exterior mirrors [52](#)
Automatic parking function [53](#)

- 6  Turn signals [64](#)
-  High beams, headlamp flasher [97](#)
-  High-beam assistant* [97](#)
-  Roadside parking lamps [97](#)
-  CHECK Check Control [79](#)
-  BC Computer [75](#)

7 Buttons on steering wheel



Mobile phone* 162

- ▶ Press: accepting and ending call, starting dialing* for selected phone number and redialing if no phone number is selected

- ▶ Press longer: redialing



Volume



Activating/deactivating voice command system* 22



Changing radio station

Selecting music track



Scrolling in phone book and in lists with stored phone numbers



Individually programmable* 54



Individually programmable 54

8 Instrument cluster 12

9



Windshield wipers 65



Rain sensor 65

10



Starting/stopping engine and switching ignition on/off 58

11 Ignition lock 58

12 Horn: the entire surface

13



Steering wheel heater* 54



Steering wheel adjustment 53

14



Cruise control 66



Active cruise control* 67

15 Releasing the hood 190

16 Opening luggage compartment lid 34

17



Head-Up Display* 93

18



Parking lamps 96



Low beams 96



Automatic headlamp control 96



Adaptive Head Light* 97

19

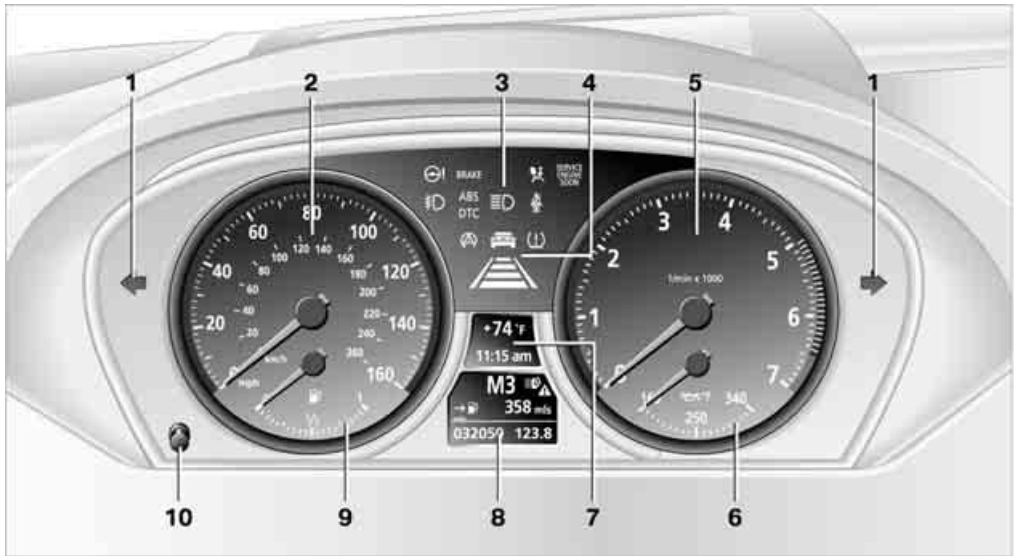


Instrument lighting 99




Front fog lamps 98

Instrument cluster



MAN02001/01/01

- 1 Indicator lamps for turn signals
- 2 Speedometer
- 3 Indicator and warning lamps [13](#)
- 4 Display for active cruise control* [70](#)
- 5 Tachometer [74](#)
- 6 Engine oil thermometer [75](#)
- 7 Display for
 - ▷ Time/date [74](#)
 - ▷ Outside temperature [74](#)
 - ▷ Indicator and warning lamps [79](#)
 - ▷ Speed for cruise control [67](#)
 - ▷ Desired speed for active cruise control* [70](#)
- 8 Display for
 - ▷ Odometer and trip odometer [74](#)
 - ▷ Computer [75](#)
 - ▷ Date and remaining distance to be driven for service requirements [77](#)
 - ▷ Automatic transmission with Steptronic* [62](#)
 - ▷ SMG Sequential Manual Gearbox* [61](#)
 - ▷ Dynamic Driving Control [64](#)
 - ▷ High-beam assistant* [97](#)
 - ▷  Check Control message present [79](#)
- 9 Fuel gauge [75](#)
- 10 Resetting trip odometer [74](#)

Indicator and warning lamps

The concept



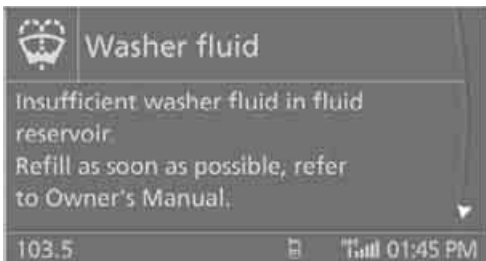
Indicator and warning lamps can light up in different combinations and colors, both in the display area 1 and in the display 2

When the engine is started or the ignition is switched on, some lamps are checked for proper operation and light up briefly in the process.

Explanatory text messages



Text messages at the bottom edge of the Control Display explain the meaning of the indicator and warning lamps displayed.









You can consult Check Control for additional information, e.g. regarding the cause of a mal-

function or the appropriate actions to take, refer to page 79.

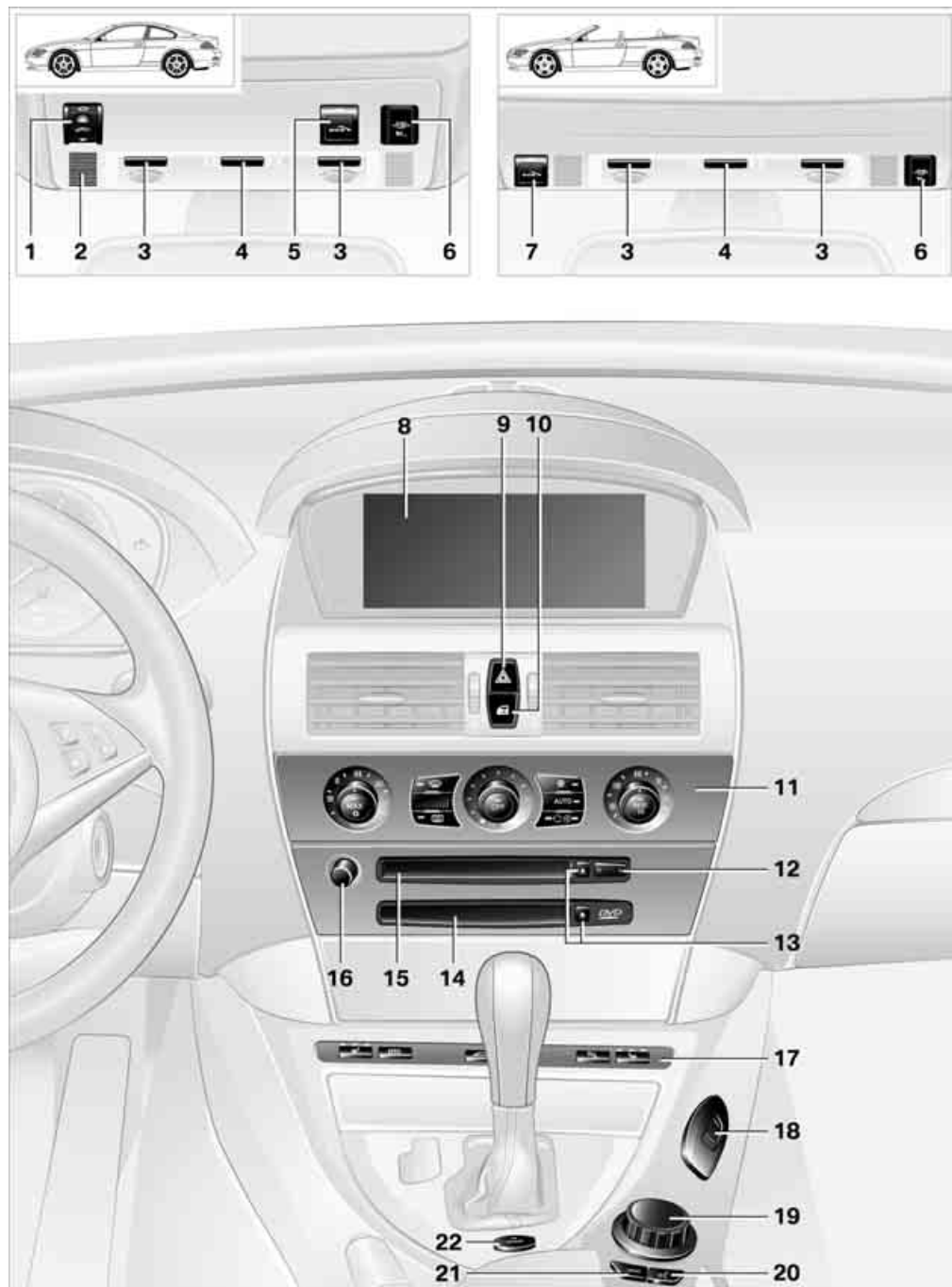
In cases of corresponding urgency, this information is immediately displayed when the associated lamps light up.

Indicator lamps without text messages











The following indicator lamps in the display area 1 indicate that certain functions are active:

-  Handbrake set [60](#)
-  Handbrake for Canadian models
-  Front fog lamps [98](#)
-  DTC Dynamic Traction Control [87](#)
-  High beams/headlamp flasher [97](#)
-  Lamp flashes:
DSC or DTC is controlling the drive and braking forces to maintain vehicle stability [87](#)






All around the center console: controls and displays



- 1 Coupe: glass sunroof, electric with raise function* 40
- 2 Microphone for handsfree mode for telephone* and voice command system* 22
Convertible: microphone on steering column
- 3 Reading lamps 99
- 4 Interior lamps 99
- 5 Coupe: initiating emergency call* 202
- 6 Indicator/warning lamp for front passenger airbag* 92
- 7 Convertible: initiating emergency call* 202
- 8 Control Display 16
- 9 Hazard warning flashers
- 10 Central locking system 32
- 11 Automatic climate control 100

-  Temperature setting, left/right 100
-  Automatic air distribution and volume 101
-  Cooling function 102
-  AUC Automatic recirculated-air control 103
-  Maximum cooling 103
-  Residual heat mode 103
-  Switching off automatic climate control 103
-  Air volume 102
-  Defrosting windows and removing condensation 102
-  Rear window defroster 100

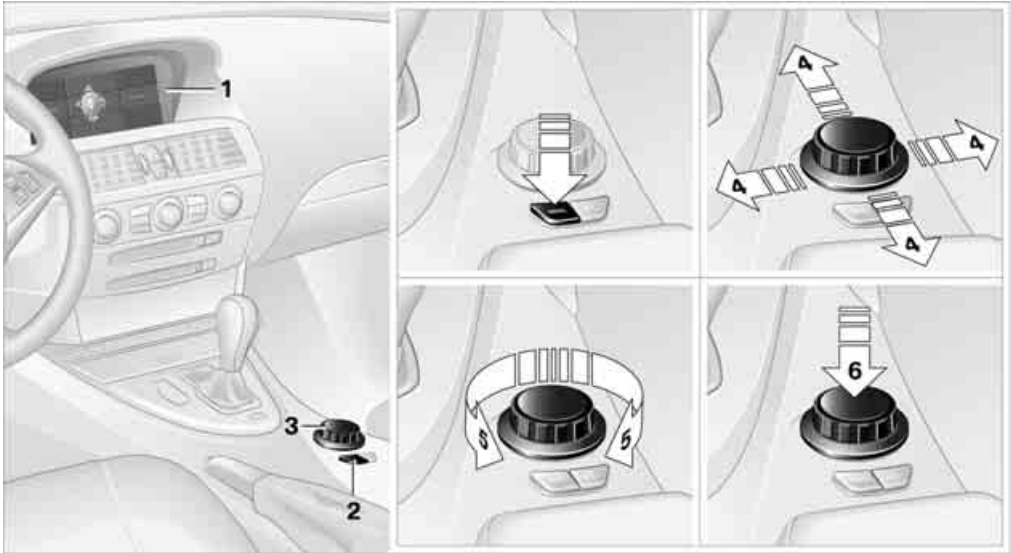
- 12 Changing
 - ▷ radio station 145
 - ▷ track 140

- 13 Ejecting
 - ▷ navigation DVD* 120
 - ▷ audio CD 140
- 14 Player for navigation DVD in Professional* navigation system 120
- 15 Drive for audio CDs 140
- 16 Switching audio sources on/off and adjusting volume 141
- 17  Heated seats 52
-  PDC Park Distance Control* 85
-  DTC DTC Dynamic Traction Control 87
-  Convertible: opening the convertible top 42
-  Convertible: closing the convertible top 42
- 18 Bracket for cup holder 109
- 19 Controller 16
Turn, press or move horizontally in four directions
- 20 Activating voice command system* 22
- 21 Opening start menu on Control Display 17
- 22 Dynamic Driving Control 64


iDrive combines the functions of a multitude of switches. This allows these functions to be operated from a central position. The following section provides an introduction to basic menu

navigation. The control of individual functions is described in connection with the relevant equipment.

Controls



- 1 Control Display
- 2 **MENU** button
Opening the start menu
- 3 Controller
You can use the controller to select menu items and change settings by:
 - ▷ moving in four directions, arrow 4
 - ▷ turning, arrow 5
 - ▷ pressing, arrow 6

 To avoid becoming distracted and unnecessarily endangering both your own vehicle's occupants and other road users, never attempt to use the controls or make entries unless traffic and road conditions allow. ◀

Menu overview

Communication

- ▷ Telephone*
- ▷ BMW Assist* or TeleService*

Navigation or onboard information

- ▷ Navigation system*
- ▷ Onboard info, e.g. for displaying of the average fuel consumption

Entertainment

- ▷ Radio
- ▷ CD player and CD changer*

Climate

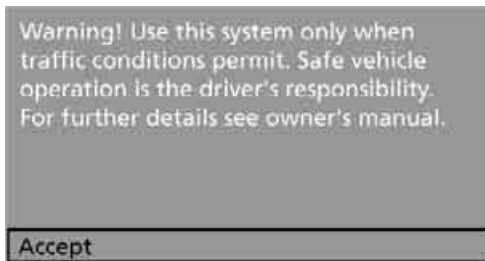
- ▷ Air distribution
- ▷ Automatic program
- ▷ Parked car ventilation

i menu

- ▷ Switching off the Control Display
- ▷ Tone and display settings
- ▷ Settings for your vehicle, e.g. for the central locking system
- ▷ Display of the service requirements and dates for statutory emission and vehicle inspections
- ▷ Settings for the telephone

Basic operation

With the ignition switch at radio readiness or higher, refer to page 58, the following message appears on the Control Display:



To confirm the message:
Press the controller.
This opens the start menu.

Start menu



You can call up all the functions of iDrive using five menu items.

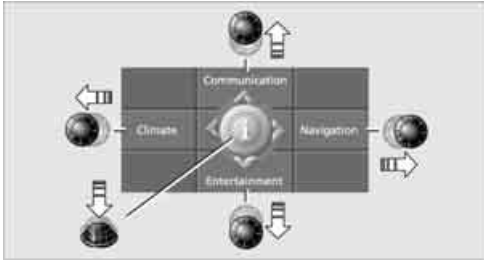
Opening start menu

Press the **MENU** button.

To open the start menu from the **i** menu:

Press the **MENU** button twice.

Opening menu items of start menu



From the start menu, you can call up the four menu items Communication, Navigation, Entertainment, and Climate by moving the controller left, right, forward, or back. Depending on your selection, the last menu opened will be displayed in each case.

You can open the **i** menu by pressing the controller.

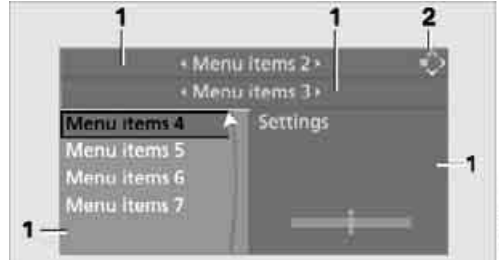
Comfort opening of menu items

Convenience opening offers you the option of:

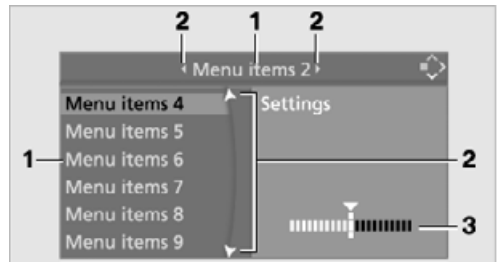
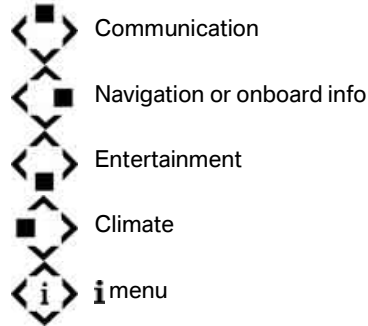
- ▶ Opening a menu item of the start menu in the view last selected
- ▶ Direct switching between Communication, Navigation, Entertainment and Climate without pressing the **MENU** button

To do so, move the controller in the corresponding direction and hold it for longer than approx. 2 seconds.

Displays in menu



- 1 Each menu is divided into fields. The currently selected field appears brighter.
- 2 A symbol indicates the last selected menu item of the start menu:

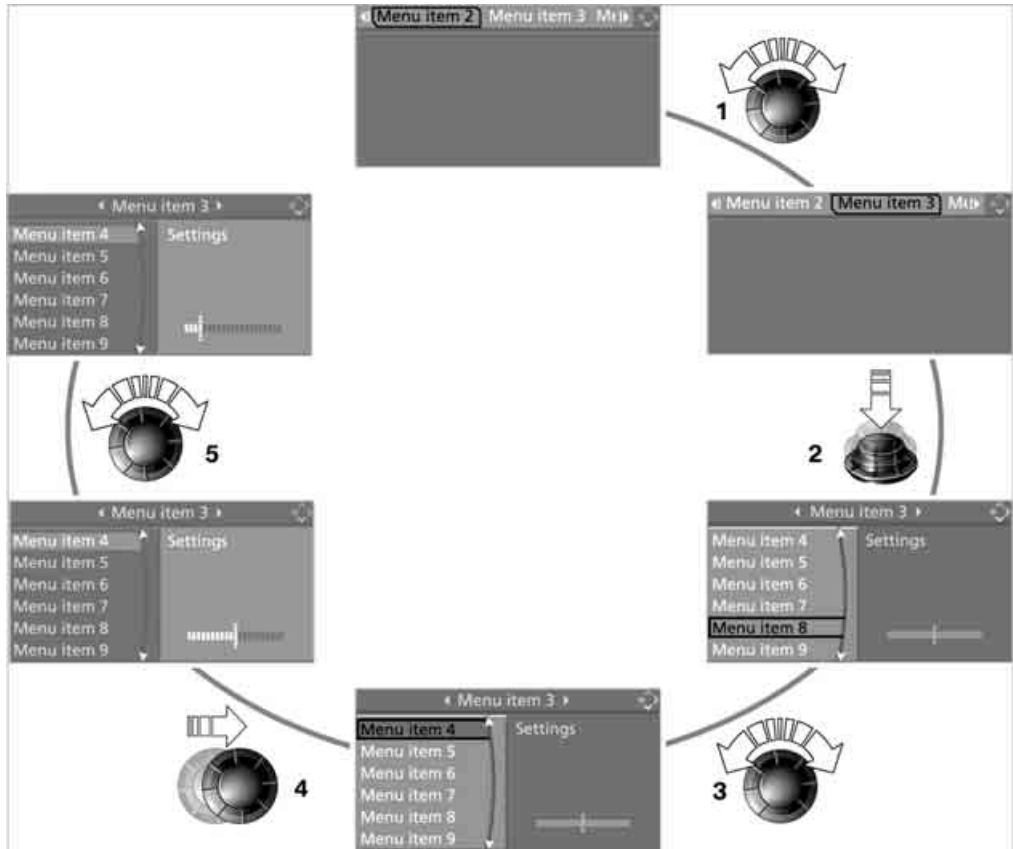


- 1 Menu items are usually grouped in horizontal or vertical lists.
- 2 Arrows indicate the possibility of accessing other menu items that are not currently visible.
- 3 Settings are displayed graphically or numerically.

Operating principle at a glance

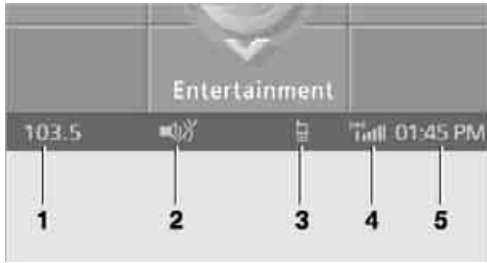
Basic operation via iDrive is described in this view.

You can view the individual steps under Settings on Control Display, Setting time, refer to page 82.



- 1 Selecting a menu item:**
 - ▶ Turn the controller; the marking moves
 - ▶ Menu items shown in white can be selected by marking
- 2 Activating a menu item:**
 - ▶ Press the controller
 - ▶ New menu items are displayed or the function is carried out
- 3 Selecting a menu item: refer to 1**
- 4 Switching between fields:**
 - ▶ Briefly move controller left, right, forward or back
 - ▶ Release controller
 - ▶ Active field appears lighter
- 5 Adjusting settings:**
 - ▶ Turn controller
 - ▶ Graphic display, numerical value or text displays can be changed
 - ▶ Confirmation by changing field

Status information



- 1 Display for:
 - ▷ Entertainment: Radio, CD
 - ▷ Telephone* in "Communication": Name of linked mobile phone, network search or no network
 - ▷ "BMW Assist"*: Existing voice connection with a service from BMW Assist
- 2 Entertainment sound output off
- 3 Display for:
 - ▷ 📠 New entries present in "Missed calls"*
 - ▷ ▲ Roaming active
- 4 📶 Telephoning* is possible if the mobile phone is logged onto the vehicle
 📶 Reception strength in mobile phone network depends on mobile phone
- 5 Time

Other displays:

When Check Control information appears or entries are made via the voice command system*, the status information is temporarily hidden.

Assistance window*



Additional information can be displayed in the assistance window:

- ▷ the computer or the trip computer
- ▷ the arrow display or map view in vehicles equipped with navigation system*
- ▷ The current position

Selecting displays

1. Move the controller to the right to switch to the assistance window and press the controller.



2. Select a menu item.
3. Press the controller.

Switching assistance window on/off

1. Move the controller to the right to switch to the assistance window and press the controller.
2. Select "Assist. window off" and press the controller.



To switch on, switch to the assistance window and press the controller.

Switching Control Display on/off

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Display off" and press the controller.



To switch on, press the controller.

Voice command system*

The concept

The voice command system allows you to control operation of various vehicle systems without ever removing your hands from the steering wheel.

Individual menu items on the Control Display can be spoken as commands. This frees you of having to use the controller.

The voice command system transforms your spoken commands into control signals for the selected systems and provides support in the form of instructions or questions.

The voice command system includes a special microphone.

The microphone is located:

- ▷ Near the interior rearview mirror in the Coupe, refer to page 14
- ▷ On the steering column in the Convertible

Prerequisite


In order to enable identification of the commands to be spoken, use iDrive to set the language for the voice command system. Setting iDrive language, refer to page 84.

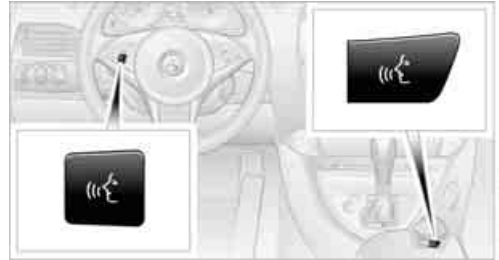
Symbol in the Owner's Manual


- ›...‹ Say the specified commands word for word.
- ››...‹‹ Indicates the responses of the voice command system.

Voice commands

Activating voice command system

1. Press the  button on the steering wheel or in the center console.




 This symbol on the Control Display and an acoustic signal indicate that the voice command system is ready to respond to commands.




2. Say the command.
The command is displayed on the Control Display.




 This symbol appears on the Control Display when it is possible to input additional commands.

If no other commands are possible, then operate the equipment using iDrive.

Terminating or canceling voice input

Press the  button on the steering wheel or in the center console

or

 ›Cancel‹

Commands

Having possible commands read aloud


You can have the system read aloud the possible commands related to the selected menu item on the Control Display.

To have the system list the possible commands:

 ›Options‹

For example, if you have selected "CD", the system will read aloud the possible commands for operating the CD player and the CD changer.

Opening help

 ›Help‹

Using alternative commands

There are often several commands for running a function, e.g.:

 ›Settings menu‹ or ›i menu‹


Running functions directly with short commands


You can use short commands to carry out certain functions directly, regardless of which menu item is selected, refer to page 213.

Opening start menu


 ›Main menu‹

An example: selecting a track


1. Switch on Entertainment sound output if necessary.
2. Press the  button on the steering wheel or in the center console.


-  3. ›Entertainment‹
The system says:
››Entertainment‹‹



-  4. ›CD‹
The system says:
››CD player switched on‹‹



5. Press the  button on the steering wheel or in the center console.

-  6. Select a track, e.g.:
›Track 1‹
The system says:
››Track 1‹‹



Notes



The mobile phone can also be operated by voice commands, refer to page 170. ◀

For voice commands, bear the following in mind:

- ▷ Say the commands and numbers smoothly and at normal volume, avoiding excessive emphasis and pauses. This also applies to spelling when entering the destination.
- ▷ Always say the commands in the language of voice command system.
- ▷ When selecting a radio station, use the usual pronunciation of the station name.
- ▷ For entries in the voice-activated phone book, only use names in the language of the voice command system and no abbreviations.
- ▷ Keep the doors, windows and glass sun-roof* or convertible top closed to prevent interference from ambient noise.
- ▷ Avoid background noises in the vehicle while speaking.





Controls

This chapter is intended to provide you with information for complete control of your vehicle. Its extensive array of features and accessories, both for driving and for your own safety, comfort and convenience, are described here.

Opening and closing

Keys/remote control



- 1 Remote control with integrated key
- 2 Spare key
- 3 Adapter for spare key, in glove compartment

Remote control with integrated key

Each remote control contains a battery which is automatically charged in the ignition lock while driving. You should use the remote control at least twice a year in order to maintain the charge condition. For equipment with comfort access*, the remote control contains a replaceable battery, refer to page 38.

Depending on which remote control is detected by the vehicle during unlocking, different settings are called up and carried out in the vehicle, refer to Personal Profile, page 29.

Information on the required maintenance is also stored in the remote control, refer to Service data in remote control, page 195.

Integrated key



Press the button 1 to unlock the key.

The integrated key fits the following locks:

- ▷ Hotel function, refer to page 33
- ▷ Driver's door, refer to page 32
- ▷ Luggage compartment lid, refer to page 34.

New remote controls

To obtain additional or replace lost keys, new remote controls with an integrated key are available at your BMW center.

Spare key

Store the spare key in a safe place such as your wallet. This key is not intended for regular use.

The spare key and integrated key of the remote control fit the same locks.

Adapter for spare key

The adapter is required so that the vehicle can be started with the spare key or radio readiness can be switched on.



Remove the adapter from the holder in the glove compartment and slide the spare key into the adapter.

Personal Profile

The concept

You can set a number of functions of your BMW individually according to your preferences. Personal Profile ensures that most of these settings are stored for the remote control currently in use without you having to do anything. When the vehicle is unlocked, the corresponding remote control is detected and the settings stored for it are called up and carried out.

This means that you will always find your BMW set to your own personal settings even if another person with his/her own remote control and settings has used the vehicle since the last time you drove it. The individual settings are stored for a maximum of four remote controls.

Personal Profile settings

- ▷ When unlocking with the remote control, either unlock only the driver's door or unlock the entire vehicle, refer to page [30](#)
- ▷ Locking the vehicle after a short time or after starting to drive, refer to page [32](#)
- ▷ Assigning the programmable buttons on the steering wheel, refer to page [54](#)

- ▷ Display settings for the Control Display:
 - ▷ Brightness of the Control Display, refer to page [83](#)
 - ▷ Units of measure for consumption, route/distances, temperature and pressure, refer to page [83](#)
 - ▷ Language on the Control Display, refer to page [84](#)
 - ▷ 12h/24h clock mode, refer to page [83](#)
 - ▷ Date format, refer to page [83](#)
- ▷ Displaying optical warning for the PDC Park Distance Control*, refer to page [85](#)
- ▷ Selection and brightness of the display for the Head-Up Display*, refer to page [94](#)
- ▷ Air distribution, temperature in the upper body region, and intensity for the automatic climate control, refer to page [101](#)
- ▷ Adjusting the voice instructions for the destination guidance of the navigation system*, refer to page [135](#)

The most recent settings for the following are also called up during unlocking:

- ▷ Driver's seat, exterior-mirror and steering-wheel position, refer to page [49](#)
- ▷ The volume and tone settings for audio sources, refer to page [141](#)
- ▷ The display of the stored stations for the radio, refer to page [144](#)
- ▷ The volume setting for the telephone, refer to page [166](#)

Central locking system

The concept

The central locking system is ready for operation whenever the driver's door is closed. The system either locks or unlocks all of the following:

- ▷ Doors
- ▷ Compartment in the front center console
- ▷ Luggage compartment lid
- ▷ Fuel filler door

Operating from outside

- ▷ via the remote control
- ▷ via the door lock
- ▷ with comfort access* via the door handles

These actions operate the anti-theft system at the same time. It prevents the doors from being unlocked using the lock buttons or door handles. The alarm system is likewise armed/disarmed. The interior lamps and the courtesy lamps* are also switched on and off with the remote control.

You can find more detailed information on the alarm system on page 35.


Operating from inside

Via the central locking button, refer to page 32. The fuel filler door and the compartment in the front center console are not locked, refer to page 32.


In the event of a serious accident, the central locking system unlocks automatically. The hazard warning flashers and interior lamps are also switched on.

Opening and closing: from outside

Using the remote control

 Because any persons or animals left unattended in a parked vehicle could lock the doors from the inside, you should always keep the remote control with you when you leave the vehicle; this precaution ensures that you will remain able to unlock the vehicle from the outside at all times. ◀

Unlocking



You can use the  button to unlock the vehicle depending on the current setting.

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.

3. Select "Vehicle settings" and press the controller.
4. Select "Door locks" and press the controller.



5. Select "Central locking" and press the controller.
6. Select "Unlock button" and press the controller.
7. Select a menu item:
 - ▷ "All doors"
Press the  button once to unlock the entire vehicle.
 - ▷ "Driver's door only"*
Press the  button once to unlock only the driver's door and the fuel filler door. Press the button twice to unlock the entire vehicle.



8. Press the controller.

The setting is stored for the remote control currently in use.

Convenience opening mode

Press the  button longer:

- ▷ Coupe: the windows are opened, the glass sunroof* is raised and the sliding visor slides back.

- ▷ Convertible: the windows and the convertible top are opened.




Watch the convertible top during the opening process to be sure that no one is injured. Releasing the button stops the operation. ◀

Locking doors

Press the  LOCK button.


Switching on interior lamps

If the vehicle is locked, press the  LOCK button.

You can also use this function to locate your vehicle in parking garages etc.


Panic mode*

You can also trigger the alarm system in case of danger:

Press the  button for at least three seconds.

To switch off alarm: press any button.

Opening luggage compartment lid

Press the  button for approx. 1 second.


The luggage compartment lid opens, regardless of whether it was previously locked or unlocked.



A previously locked luggage compartment lid is also locked again after closing. Coupe: during opening, the luggage compartment lid pivots back and up. Make sure there is sufficient clearance. ◀


Setting confirmation signals

You can set confirmation signals to acknowledge the locking and unlocking of the vehicle.

1. Open the start menu.
2. Press the controller to open the  menu.
3. Select "Vehicle settings" and press the controller.
4. Select "Door locks" and press the controller.

5. Select "Confirmation" and press the controller.



6. Select the desired signal.
7. Press the controller.
 -  The signals are switched on.

Malfunctions

Local radio waves can disrupt the function of the remote control.

Should the remote control fail to operate owing to interference of this kind, unlock and lock the vehicle via the door lock using the key.

If it is no longer possible to lock the vehicle using the remote control, then the battery is discharged. Use this remote control during an extended drive; this will recharge the battery, refer to page 28.

For US owners only

The transmitter and receiver units comply with part 15 of the FCC/Federal Communication Commission regulations. Operation is governed by the following:


FCC ID:
LX8766S
LX8766E
LX8CAS
LX8CAS2

Compliance statement:

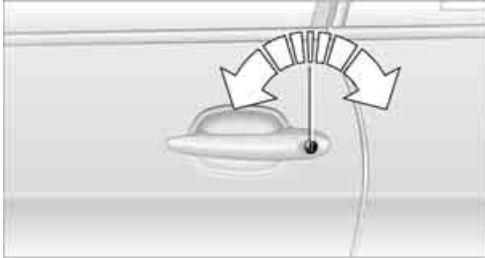
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- ▷ This device may not cause harmful interference, and

- ▶ this device must accept any interference received, including interference that may cause undesired operation.

 Any unauthorized modifications or changes to these devices could void the user's authority to operate this equipment. ◀

Using door lock




When unlocking

1. Turning the key once unlocks the driver's door and the fuel filler door.
2. A second turn of the key unlocks the passenger door and luggage compartment lid.

Convenience operation

You can also use the door lock to operate the windows and the glass sunroof* in the Coupe or to operate the windows and the top in the Convertible.

- ▶ To open:
With the door closed, turn the key to the Unlock position and hold it there.
- ▶ To close:
With the door closed, turn the key to the Lock position and hold it there.

 Keep a close eye on the closing process and also on the opening process of the convertible top to be sure that no one is injured. Releasing the key stops the operation. ◀

Manual operation

In the event of an electrical malfunction, you can turn the key all the way to the right or left in the door lock to lock or unlock the driver's door.

Opening and closing: from inside



This button serves to unlock or lock doors and the luggage compartment lid, but does not activate the anti-theft system. The fuel filler door remains unlocked.

You can also make the following settings:

- ▶ The central locking system automatically locks the vehicle after a short time when no door has been opened.
- ▶ The central locking system automatically locks the vehicle as soon as you start to drive.

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Vehicle settings" and press the controller.
4. Select "Door locks" and press the controller.
5. Select "Central locking" and press the controller.



6. Select "Relock door if not opened" or "Lock after driving".

7. Press the controller.
✔ The setting is selected.

The setting is stored for the remote control currently in use.

Unlocking and opening doors

- ▷ Either unlock both doors at the same time with the button for the central locking system and then pull the door handle above the armrest or
- ▷ pull the door handle for each door twice: the first pull unlocks the door, and the second one opens it.

Locking doors

- ▷ Use the central locking button to lock both of the doors simultaneously, or
- ▷ press down the lock button of the desired door. To prevent you from being locked out, the open driver's door cannot be locked using the lock button.

! Because any persons or animals left unattended in a parked vehicle could lock the doors from the inside, you should always keep the remote control with you when you leave the vehicle; this precaution ensures that you will remain able to unlock the vehicle from the outside at all times. ◀

Hotel function

The hotel function locks the compartment in the front center console and the luggage compartment lid separately and disconnects them from the central locking system. If you hand over the remote control without the integrated key, refer to page 28, e.g. at a hotel, then this prevents access to the luggage compartment and to the compartment in the front center console.



Turn the key to the right, refer to illustration, until the key slot points in the direction of travel and then remove:

The hotel function is only activated after subsequent locking or unlocking of the vehicle. The system locks the luggage compartment lid and the compartment in the front center console and disconnects them from the central locking system.

Manual release

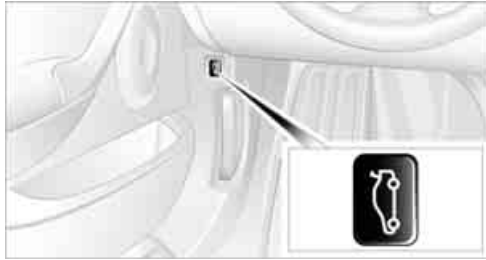
In order to manually unlock the compartment in the front center console in the event of an electrical malfunction, turn the key all the way to the right until it reaches the stop.

▷ If unlocking was manual, the lock must be returned to the home position, i.e. all the way back to the left, before reactivation of the hotel function. ◀

Luggage compartment lid

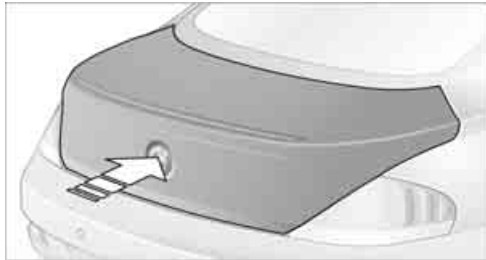
▶ During opening, the luggage compartment lid pivots back and up. Make sure there is sufficient clearance. ◀


Opening from inside



Press the button:
The luggage compartment lid opens, provided that it is not locked or the hotel function is not activated, refer to the above section.

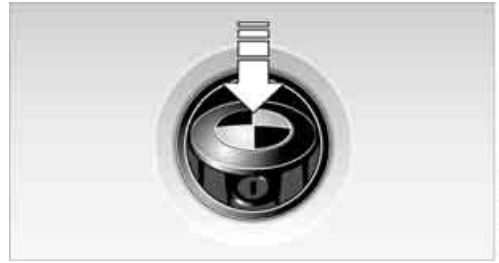
Opening from outside



Press the upper half of the BMW emblem or press the  button on the remote control for approx. 1 second:
the luggage compartment lid opens.

▶ Convertible: if the convertible top is not completely open or closed, then the luggage compartment lid cannot be opened, refer to page 42. ◀

Manual release



The luggage compartment lid lock is located under the BMW emblem. All keys, refer to page 28, fit the luggage-compartment lid lock. Turn the key toward the right up to the stop: the luggage compartment lid opens.

▶ If you use the lock to open the luggage compartment lid while the alarm system is armed, the alarm will be triggered. To prevent this, you should deactivate the alarm beforehand.

If the alarm has been triggered accidentally, switch off the alarm, refer to page 35. ◀

Emergency release



Pull lever in luggage compartment. The luggage compartment lid is unlocked.

Closing

⚠ Make sure that the closing path of the luggage compartment lid is clear; otherwise, injuries may result. Only drive with the luggage compartment lid completely closed, otherwise exhaust can penetrate into the passenger compartment. ◀



The handle recesses on the interior trim of the luggage compartment lid make it easier to pull down.

If special circumstances should make it absolutely necessary to operate the vehicle with the luggage compartment lid open:

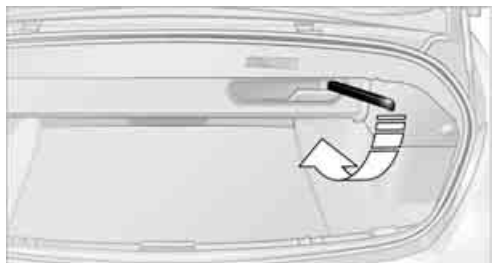
1. Coupe: close both windows and the glass sunroof*.
Convertible: with the convertible top closed, close all windows, including the rear window.
2. Increase the air volume of the automatic climate control to a high level, refer to page 102.

Luggage compartment

There are four lashing eyes on the inner corners of the luggage compartment for securing luggage nets* or securing straps to fix luggage in position.

Also refer to Securing cargo, page 117.


Convertible: increasing luggage compartment capacity



With the convertible top closed, you can enlarge the luggage compartment capacity.

To do so, unfold the handle and press it downward in the direction of travel, refer to arrow. This moves the convertible top compartment floor into the raised position.

Before opening the convertible top, execute this procedure in reverse order.

 The convertible top cannot be opened if the convertible top compartment floor is in the raised position. ◀

Alarm system

The concept

The vehicle alarm system responds:


- ▷ To the opening of a door, the hood, or the luggage compartment lid
- ▷ To movements in the vehicle interior: interior motion sensor, see below
- ▷ To changes in the vehicle's tilt if someone attempts to steal the wheels or tow the vehicle
- ▷ To interruptions in battery voltage

Unauthorized operations are briefly signaled by the alarm system:

- ▷ by triggering an acoustic alarm
- ▷ by switching on the hazard warning flashers
- ▷ by flashing the high beams

Arming and disarming alarm system

When you lock or unlock the vehicle, either with the remote control or at the door lock, the alarm system is armed or disarmed at the same time.

You can open the luggage compartment lid, even with the system armed, by using the  button of the remote control, refer to page 31. When the luggage compartment lid is closed, it is once again locked and monitored.

Switching off alarm

- ▷ Unlock the vehicle using the remote control, refer to page 30, or
- ▷ insert the remote control as far as possible into the ignition lock, refer to page 58.

Indicator lamp displays



- ▷ The indicator lamp below the interior rearview mirror flashes continuously: the system is armed.
- ▷ The indicator lamp flashes after locking: the doors or luggage compartment lid are not properly closed. Even if you do not close the alerted area, the system begins to monitor the remaining areas, and the indicator lamp flashes continuously after approx. 10 seconds. However, the interior motion sensor is not activated.
- ▷ After the vehicle is unlocked, the indicator lamp goes out: no manipulation or attempted intrusions have been detected in the period since the system was armed.
- ▷ The indicator lamp flashes after unlocking until the remote control is inserted into the ignition lock, however for a maximum of approx. 5 minutes: an attempted entry has been detected in the period since the system was armed.

Tilt alarm sensor

Monitors the inclination of the vehicle. The alarm system reacts, for example, if someone attempts to steal the wheels or tow the vehicle.

Interior motion sensor

Coupe:

In order for the interior motion sensor to function properly, the windows and glass sunroof* must be completely closed.

Convertible:

Monitors the interior up to the height of the seat cushions. This means that the alarm system, including the interior motion sensor, is armed


even if the convertible top is open. Falling objects, e.g. leaves, can trigger false alarms, refer to Avoiding unintentional alarms.

Avoiding unintentional alarms

The tilt alarm sensor and interior motion sensor may be switched off at the same time. This prevents unintentional alarms, e.g. in the following situations:

- ▷ In stacking garages
- ▷ When transporting on car-carrying trains
- ▷ When animals are to remain in the vehicle

Switching off the tilt alarm sensor and interior motion sensor

Press the  **LOCK** button on the remote control once again immediately after locking.

The indicator lamp lights up briefly and then flashes continuously. The tilt alarm sensor and the interior motion sensor are switched off until the vehicle is unlocked and locked again.

Comfort access*

Comfort access enables you to access your vehicle without having to hold the remote control in your hand. It is sufficient to carry the remote control with you, e.g. in your jacket pocket. The vehicle automatically detects the related remote control in the immediate vicinity or in the interior.

Comfort access supports the following functions:

- ▷ Unlocking/locking vehicle
- ▷ Starting engine
- ▷ Comfort locking

Functional requirement

- ▷ The vehicle can only be unlocked if the vehicle detects that the remote control carried is located outside the vehicle.
- ▷ The next unlocking and locking cycle is not possible until after approx. 2 seconds.

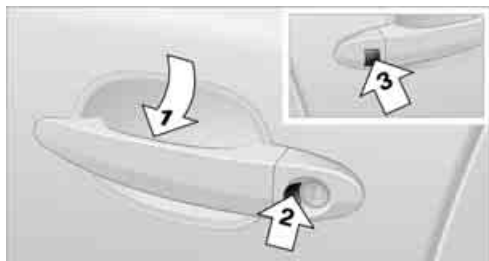
- ▷ The engine can only be started if the vehicle detects that the remote control carried is located in the vehicle.

Special features in contrast to ordinary remote control

It is basically irrelevant whether you operate the above-mentioned functions with the comfort access feature or by pressing the buttons on the remote control. Before doing so, please familiarize yourself with the information on opening and closing, starting on page 28.

The special features when using comfort access are described below.

Unlocking



Completely grasp a door handle, arrow 1. This corresponds to pressing the button.

If a remote control is detected in the interior after unlocking, the electric steering-wheel lock disengages, refer to page 58.

Locking doors

Touch the surface, arrow 2 on the driver's door or 3 on the passenger door with a finger for approx. 1 second. This corresponds to pressing the LOCK button.

For comfort closing, hold a finger on the surface, arrow 2 or 3.

If a remote control accidentally left in the luggage compartment is detected inside the locked vehicle after the luggage compartment lid has been closed, then the luggage compartment lid opens again. The hazard warning flashers flash and an acoustic signal* sounds. ◀

Switching on radio readiness

By briefly pressing the Start/Stop button, you switch on the radio readiness, refer to page 58.

When doing so, do not depress the brake pedal; otherwise, the engine will start immediately. ◀

Starting engine

You can start the engine or switch on the ignition if a remote control is located on the interior of the vehicle. It need not be inserted in the ignition lock, refer to page 58.

If you take the remote control with you when leaving the vehicle with the engine running, a warning lamp lights up. In addition, a message appears on the Control Display. As long as no remote control is detected in the vehicle, it is only possible to restart the engine within approx. 10 seconds after it is switched off.

Switching off engine with automatic transmission

The engine can only be switched off in the selector lever position P, refer to page 60. To switch off the engine in the selector lever position N, the remote control must be inserted in the ignition lock.

Before driving into a car wash with automatic transmission

1. Insert the remote control into the ignition lock.
2. Depress brake pedal.
3. Place selector lever in position N.
4. Switch off the engine.

The vehicle can roll.

Malfunction

The comfort access function may malfunction due to local radio waves. If this occurs, then open or close the vehicle with the buttons on the remote control or with a key. To start the engine after this, insert the remote control in the ignition lock.


Replacing battery

The remote control for comfort access contains a battery which must be replaced occasionally.


1. Remove integrated key from remote control, refer to page 28.



2. Remove cover.
3. Insert new battery with positive side facing upward.
4. Press cover closed.

 Return used battery to a recycling collection point or to your BMW center. ◀

Windows

 To prevent injuries, exercise care when closing the windows and keep them in your field of vision until they are shut. Always take along the remote control when you leave the vehicle; otherwise, children could, for example, operate the windows and injure themselves. ◀

Coupe: opening, closing




- ▷ Press switch to resistance point:
The window continues to open for as long as you hold down the switch.

- ▷ Press the switch beyond the resistance point:
The window opens automatically. Pressing the switch again stops the opening movement.

You can close the windows in the same manner by pulling the switch.

Convertible: opening, closing

 To close the side windows while the vehicle is being driven, always close the rear windows first or all four windows simultaneously; otherwise, the windows cannot close tightly at higher speeds. ◀

Individually



- ▷ Press the switch down to the resistance point:
The window continues to open for as long as you hold down the switch.
- ▷ Press the switch beyond the resistance point:
The window opens automatically. Pressing the switch again stops the opening movement.

You can close the windows in the same manner by pulling the switch. The rear windows cannot be closed automatically.

Together



1. Briefly press button 1:
The LEDs in the button 1 and the switch 2 light up for approx. 10 seconds.
2. Press switch 2:
 - ▷ Down to the resistance point:
All windows, including the rear window, continue to open as long as you press the switch.
You can close the windows in the same manner by pulling the switch.
 - ▷ Press the switch beyond the resistance point:
All windows open automatically. Pressing the switch again stops the opening movement.

Briefly press button 1 again to deactivate the function. The LEDs go out.

Rear window



1. Briefly press button 1:
The LEDs in the button 1 and the switch 2 light up for approx. 10 seconds.
2. Press switch 2:
 - ▷ Down to the resistance point:
The rear window continues to open for as long as you hold down the switch.

You can close the rear window in the same manner by pulling the switch.

- ▷ Press the switch beyond the resistance point:
The rear window opens automatically. Pressing the switch again stops the opening movement.

Briefly press button 1 again to deactivate the function. The LEDs go out.

- ▷ The rear window opens and closes automatically when you open or close the convertible top. ◀

After switching off ignition

You can still operate the windows with the remote control removed or the ignition switched off for approx. 1 minute, but in the Convertible, this is only true as long as no door has been opened.

For information on using the convenience operation mode at the door lock or with the remote control, refer to page 30 or 32.

For information on comfort closing with comfort access, refer to Locking doors on page 37.

Anti-trapping mechanism

If the closing force rises beyond a predefined threshold during closing, the system will immediately stop moving the window prior to lowering it slightly.

- ▷ Convertible: the rear side windows and rear window are not equipped with an anti-trapping mechanism. ◀

⚠ Despite the anti-trapping mechanism, you should inspect the travel path of the front side window prior to closing it, as the safety feature could fail to detect certain kinds of obstructions, such as very thin objects, and the window would continue closing. Pulling the switch beyond the resistance point and holding it limits the response of the anti-trapping mechanism. In this case, the window will respond to forces beyond a defined threshold by opening only slightly. If you pull the switch past the resistance point again within approx. 4 seconds and hold it there,

the anti-trapping mechanism will be deactivated. ◀

Accessories in window area

After installing any accessory within the travel range of the window – such as a clamp-on antenna for a mobile phone, you will need to have the system reinitialized for use under the new conditions. Please contact your BMW center for assistance.

Coupe: Glass sunroof, electric with raise function*

The glass sunroof and sliding visor are operational whenever the ignition is switched on.

! To prevent injuries, exercise care when closing the glass sunroof and keep it in your field of vision until it is shut.

Always take along the remote control when you leave the vehicle; otherwise, children could, for example, operate the roof and injure themselves. ◀

Raising and closing glass sunroof



- ▷ Briefly press the switch:
The sunroof opens and the sliding visor moves back approx. 2 in/5 cm
or
press the switch twice past the resistance point toward the rear:
The sunroof opens and the sliding visor moves completely back.

- ▷ To close, briefly press the switch or push it twice beyond the resistance point toward the front:
The sunroof and sliding visor close.

Opening and closing sliding visor

- ▷ Push the switch up to the resistance point in the desired direction:
The sliding visor continues to move for as long as you hold the switch.
- ▷ Push the switch beyond the resistance point in the desired direction:
The sliding visor moves automatically.
Briefly press the switch again in any direction to stop the movement.

For information on using the convenience operation mode at the door lock or with the remote control, refer to page 30 or 32.

For information on comfort closing with comfort access, refer to Locking doors on page 37.

Anti-trapping mechanism

If the glass sunroof encounters resistance when closing, the closing action is interrupted and the glass sunroof opens.

If the sliding visor encounters resistance when closing within the last approx. 8 in/20 cm, the closing action is interrupted and the sliding visor opens again slightly.

! Despite the anti-trapping mechanism, you should inspect the sunroof's travel range prior to closing it, as the safety feature might fail to detect certain kinds of obstructions, such as very thin objects, and the sunroof would continue closing.

Pressing the switch beyond the resistance point and holding it deactivates the anti-trapping mechanism. ◀

Following interruptions in electrical power supply

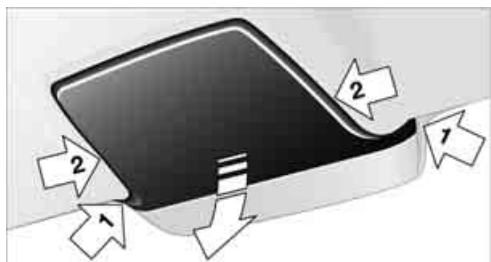
After an interruption in the power supply the glass sunroof may not move. The system has to be initialized. Should this occur, please have the sunroof initialized at your BMW center.

Moving manually

In the event of an electrical malfunction, you can move the panorama glass sunroof and the sliding visor manually.

Glass sunroof

1. Remove cover on headliner in front of rear window. To do so, lift slightly, arrows **1**. Grasp behind the cover, arrows **2** and pull firmly downward.



2. Insert Allen wrench from onboard tool kit, refer to page 197, into the opening provided.



3. Use the Allen wrench to move the glass sunroof in the desired direction.

Sliding visor

1. Fold the cover downward, if necessary using the screwdriver from the onboard tool kit, refer to page 197.



2. Insert the Allen wrench supplied with the onboard tool kit into the opening provided.



3. Use the Allen wrench to move the sliding visor in the desired direction.

Convertible: top

The fully automatic convertible top combines secure weather protection with simple and convenient operation.

Here are a few tips for getting the maximum pleasure from your Convertible:

- ▷ It is advisable to close the convertible top when the vehicle is parked. The closed convertible top not only protects the passenger compartment from unforeseen weather damage, it also provides a certain amount of protection from theft. Nonetheless, even if the convertible top is closed, only keep valuables in the locked luggage compartment.
- ▷ Do not attach luggage rack systems to the convertible top.

⚠ In order to avoid damage, do not operate the convertible top at temperatures below +14 °F / -10 °C.

Do not leave the convertible top in its storage compartment for longer than one day when wet; otherwise, damage from moisture can occur.

Do not place any objects on the convertible top; otherwise, if the top were to be operated, these objects could fall off and lead to damage or injury.

Never move the convertible top when the roll-over protection system is raised.

Driving without having completed the opening or closing action can lead to damage or injury.

Do not place hands in the top mechanism during the opening and closing action. Keep children away from the travel path of the convertible top.

For safety reasons, do not operate the convertible top unless the vehicle is stationary. ◀

▶ If you have initiated top operation with the vehicle at a stop and then start to drive, e.g. at a traffic light, you can continue the initiated operation up to a speed of 20 mph / 30 km/h:

To do so, press and hold the corresponding button. ◀

▶ Partial vacuums that occur at higher speeds in the passenger compartment can make the convertible top flap. Use the automatic climate control to increase the air supply so that a partial vacuum in the vehicle does not occur. ◀

Prior to opening and closing

- ▷ Read the safety precautions above carefully and comply with them fully.
- ▷ Make sure that the convertible top compartment floor in the luggage compartment is in the lowered position, refer to page 35; otherwise, the convertible top cannot be opened.
- ▷ Make sure that the luggage compartment lid is closed.

Opening and closing

Ignition key in radio ready position or higher, refer to page 58, with the vehicle stationary:

▶ To avoid putting excessive strain on the battery, operate the convertible top only when the engine is running, if possible.

Before closing the convertible top, remove foreign objects from the windshield frame, as these might inhibit closing of the convertible top. ◀



- 1 Closing
- 2 LED
- 3 Opening

▶ When the button for operating the convertible top is pressed, the side windows move downward slightly and the rear window is lowered completely.

If you hold down the button after the LED 2 goes out, then the windows travel upward again.

If the convertible top is not completely open or closed, then the luggage compartment lid cannot be opened. ◀

LED


In the following situations, in addition to the LED, a message is displayed on the Control Display and an acoustic signal may sound:


- ▷ During convertible top operation, the LED lights up green. It goes out as soon as the opening or closing action is finished.
- ▷ If the LED flashes red when you release the button, the opening or closing action has not yet finished.

- ▶ If the LED lights up red when the button is pressed, either the floor of the convertible top storage compartment in the luggage compartment is in the raised position or a malfunction has occurred. The convertible top cannot be moved.

Interruption

The automatic sequence of movements is interrupted immediately if the button for top operation is released. The sequence can be continued in the desired direction by pressing the appropriate button. If the opening or closing action is interrupted for a longer period, the convertible top remains in that position for approx. 15 minutes before it slowly moves to a stable position.


 A convertible top which is not completely opened or closed presents a danger. Do not interrupt and continue the closing action several times in succession; otherwise, the top mechanism can be damaged. ◀

 If the convertible top is not completely open or closed, then the luggage compartment lid cannot be opened. ◀

Convenience operation with the remote control and via the door lock

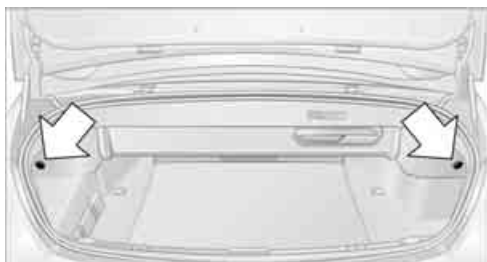
Refer to pages 30 and 32.


Manual closing

 Only close the convertible top manually if absolutely necessary; never open it manually. The convertible top compartment lid cannot be locked in the event of an electrical malfunction and would open while the vehicle is being driven. Improper handling can lead to damage. ◀

Before closing

1. Open luggage compartment lid.
2. Take the Allen wrench and the screwdriver from the onboard tool kit, refer to page 197.
3. Pry out the two buttons in the luggage compartment with the screwdriver and then pull firmly. This unlocks the convertible top compartment lid.



4. Close luggage compartment lid.
 -  During manual convertible top operation, the luggage compartment lid cannot be opened. ◀
5. Completely open the side windows and the rear window. If the rear window cannot be opened using the switch, it must be lowered manually.

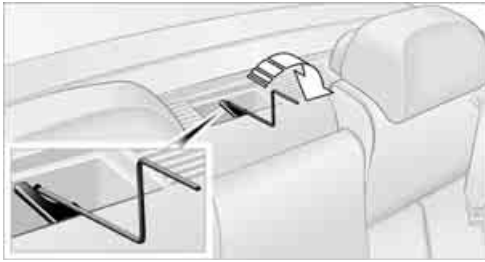
Opening rear window manually

1. Pry out the cover between the rear head restraints. To do so, place the screwdriver as close as possible to the locking elements, as shown in the illustration.



2. Insert the Allen wrench as far as possible into the opening and turn firmly in the direc-

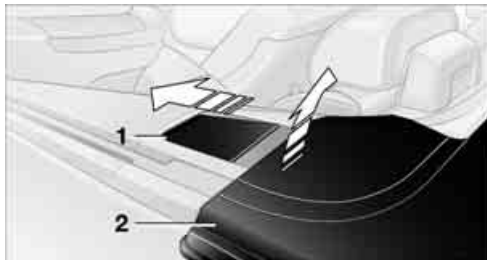
tion indicated by the arrow until the rear window is completely open.



Closing

⚠ Perform the following work steps with the assistance of a second person and with the doors open to prevent injury and damage to the convertible top. ◀

1. Push the cover **1** on the left and right of the side panel forward. Reach into the resulting openings and raise the convertible top compartment lid **2** as far as it will go.



2. Grasp the top with both hands at the left and right side frame, arrow **3**.

⚠ Lifting the convertible top by parts other than the side frame can damage it. ◀

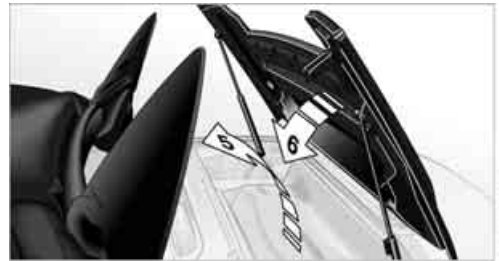


3. In concert with the other person, pull the two sides of the convertible top out simultaneously and pivot forward. In doing so, keep the convertible top compartment lid open, arrow **4**, e.g. with your shoulder.



4. Raise the two convertible top ends as far as they will go, arrow **5**, and close the convertible top-compartment lid, arrow **6**.

⚠ Do not raise the convertible top ends until after the convertible top has been swung forward; otherwise, damage can occur. ◀



5. Fold the top ends down onto the convertible-top compartment lid.
6. From the interior, take out the cover in the center of the front top frame; use a screwdriver if necessary.

7. Insert the Allen wrench into the opening provided.



8. From the outside, both persons pull the front frame of the convertible top downward, as simultaneously as possible on the two sides.
9. Turn the Allen wrench in the direction of the arrow until the front convertible top frame is locked to the windshield frame. The rear convertible top ends are pressed automatically onto the convertible top compartment lid and close tightly with tension.
10. If necessary, close the rear window again manually in the same way as above.

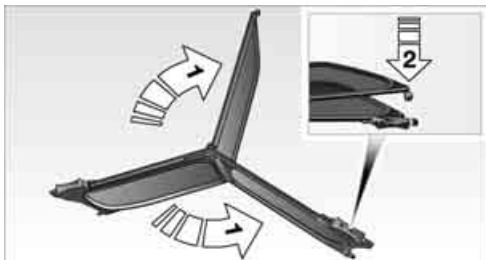
Wind deflector*

The wind deflector keeps the air movement in the passenger compartment to a minimum when the convertible top is open, thus enabling pleasant driving even at higher speeds.

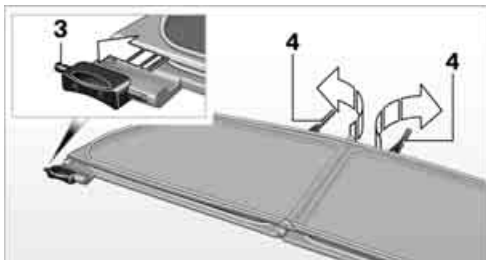
The wind deflector is stowed in a protective sleeve in the luggage compartment. Short instructions for use are also provided on the protective sleeve.

Before installing

1. Remove the wind deflector from the protective sleeve and fold it open, refer to arrows 1.



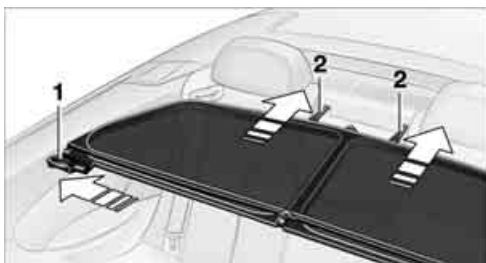
2. Press the upper and lower section together until the locking device engages, refer to arrow 2.
3. Push the securing pin 3 out until it engages.



4. Unfold the rear mounts 4.

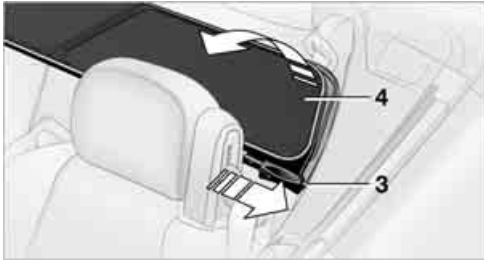
Installing

1. Insert the securing pin 1 of the wind deflector into the appropriate opening on the right side of the vehicle.



2. Guide the rear mounts 2 into the receptacles provided.

3. Push the securing pin **3** on the left side into the appropriate opening until it snaps into place.



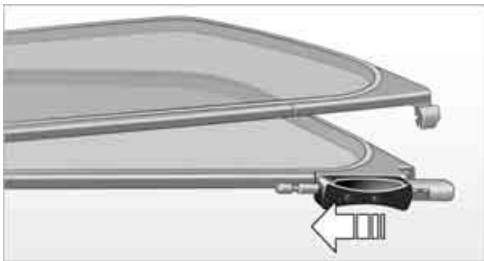
4. Fold up the upper half **4** of the wind deflector.

⚠ With wind deflector fitted: do not incline the front seat backrests too far backward if the seat is to be moved back to the end position; otherwise, the wind deflector will be damaged. ◀

Removing

The same as installing, but in reverse order.

Folding up



1. Push the handle of the securing pin on the wind deflector on the left side of the vehicle all the way back and release the locking mechanism.
2. Fold in the upper and lower section.


Adjustments

Sitting safely

The ideal sitting position can make a vital contribution to relaxed, fatigue-free driving. In the interaction with the safety belts, the head restraints and the airbags, the seat position plays an important role in an accident. To ensure that the safety systems operate with optimum efficiency, we strongly urge you to follow the instructions contained in the following section.

For additional information on transporting children safely, refer to page 56.

Airbags

 Always maintain an adequate distance between yourself and the airbags. Always hold the steering wheel by its rim with hands at the 9 o'clock and 3 o'clock positions to minimize the risk of injuries to your hands and arms in the event of airbag deployment.

No one and nothing is to come between the airbags and the seat occupant.

Do not use the cover of the front airbag on the front passenger side as a storage area. Make sure that the front passenger is sitting correctly and does not rest feet or legs on the instrument panel, otherwise leg injuries can occur if the knee and front airbags are triggered.


Make sure that occupants do not rest their head on the side or head airbag; otherwise, injuries can occur if the airbags are triggered. ◀

Even if you adhere to all the instructions, the occurrence of injuries resulting from contact with airbags cannot be entirely ruled out, depending on the circumstances. The ignition and inflation noise may provoke a mild hearing loss in extremely sensitive individuals. This effect is usually only temporary.

For airbag locations and additional information on airbags, refer to page 90.

Head restraints

A correctly adjusted head restraint reduces the risk of injury to cervical vertebrae in an accident.

 Adjust the head restraint so that its center is approx. at ear level. Otherwise there is increased danger of injury in the event of an accident. ◀


Head restraints, refer to page 50.

Safety belt

Before every drive, make sure that safety belts are being worn at all of the occupied seats.

Airbags complement the safety belt as an additional safety device, but they do not represent a substitute.

Your vehicle has four seats that are each equipped with a safety belt.

 Never allow more than one person to wear a single safety belt. Never allow infants or small children to ride in a passenger's lap.

Expectant mothers should always wear their safety belts, taking care to position the lap belt against the lower hips, where it will not exert pressure against the abdominal area.

Do not route the belt across your neck, or run it across sharp edges. Be sure that the belt does not become caught or jammed. Make sure that the safety belt is securely fastened across the lap and shoulders, as close to the body as possible without it being twisted or tangled. Be sure not to route it over solid or breakable objects; otherwise, the belt can slip over the hips in the lap area in a frontal impact and injure the abdomen. Avoid wearing clothing that prevents the belt from fitting properly and pull the shoulder belt upward periodically to readjust the tension across your lap in order to avoid a reduction in the retention effect of the safety belt. ◀

For instructions on operating safety belts, refer to page 51.

Seats

Note before adjusting

⚠ Never attempt to adjust your seat while operating the vehicle. The seat could respond with unexpected movement and the ensuing loss of vehicle control could lead to an accident.

On the front passenger side as well, do not tilt the backrest too far toward the rear. Failure to observe this precaution can prevent the belt from providing effective protection against injury, as the passenger could slide under the belt in an accident. ◀

Also follow the instructions regarding damage to the safety belt on page 52.

⚠ Convertible: with the wind deflector fitted, do not incline the front seat backrests too far backward if the seat is to be moved back to the end position; otherwise, the wind deflector will be damaged. ◀

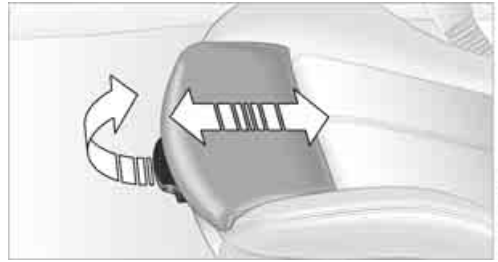
Seat adjustment

⚠ To ensure that the safety systems continue to provide optimized protection, please follow the adjustment instructions on page 47. ◀



- 1 Inclination
- 2 Longitudinal direction
- 3 Height
- 4 Backrest
- 5 Convertible: head restraints, refer to page 50

With the sports seat*, you can also adjust the high support manually:



Pull the lever and move the thigh support in the longitudinal direction.

Lumbar support* adjustment

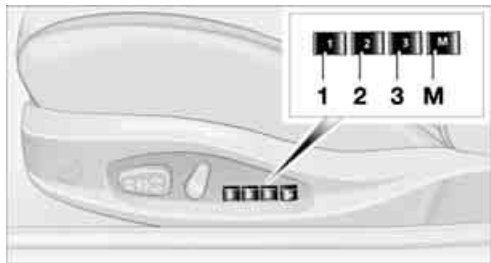


You can also adjust the contours of the backrest to obtain additional support in the lumbar region.

The upper hips and spinal column receive supplementary support to help you maintain a relaxed, upright sitting position.

- ▷ Increase or decrease curvature: Press front or rear of switch.
- ▷ Move curvature up or down: Press top or bottom of switch.

Seat, mirror and steering wheel memory




You can store and select three different adjustment settings for the driver's seat, exterior mirrors and steering wheel.

The adjustment of the lumbar support is not stored in the memory.

Storing

1. Switch on radio readiness or ignition, refer to page 58.
2. Adjust the desired seat, exterior mirror and steering-wheel positions.
3. Press the **M** button:
The LED in the button lights up.
4. Press the desired memory button **1**, **2** or **3**:
The LED goes out.

Requesting

 Do not request a position from the memory while the vehicle is moving. There is a risk of accident from unexpected movement of the seat or steering wheel. ◀

Convenience mode

1. Open the driver's door after unlocking or switch on radio readiness, refer to page 58.
2. Briefly press the desired memory button **1**, **2** or **3**.

The system immediately cancels the adjustment procedure when you briefly press one of the seat adjustment switches or one of the memory buttons.

The adjusting procedure for the steering wheel is immediately interrupted if you operate the switch for the steering wheel adjustment in any direction, refer to page 53.

Safety feature

1. Close the driver's door and switch ignition on or off, refer to page 58.
2. Press the desired memory button **1**, **2** or **3** and maintain pressure until the adjustment process has been completed.

If the **M** button was pressed inadvertently: press the button again; the LED goes out.

Activating with remote control

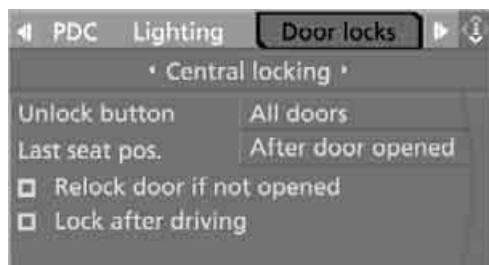
The last positions of the driver's seat, external rearview mirrors, and steering wheel are stored for the remote key currently in use.

You can choose when the position is requested:

- ▷ Request when unlocking vehicle
- ▷ Request when opening driver's door

iDrive, for principle details, refer to page 16.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Vehicle settings" and press the controller.
4. Select "Door locks" and press the controller.



5. Select "Central locking" and press the controller.
6. Select "Last seat pos." and press the controller.

7. Select "After unlocking" or "After door opened".



8. Press the controller.

To cancel the request:
Select "Deactivated" and press the controller.

⚠ When using this feature, always make sure that the footwell behind the driver's seat is empty and unobstructed. If you fail to do so, any persons or objects behind the seat could be injured or damaged by a rearward movement of the seat. ◀

Front head restraints

A correctly adjusted head restraint reduces the risk of injury to cervical vertebrae in an accident.

⚠ Adjust the head restraint so that its center is approx. at ear level. Otherwise there is increased danger of injury in the event of an accident. ◀

Coupe

Adjusting height



- ▷ To raise: pull the head restraint upward.
- ▷ To lower: slide the head restraint downward.

▷ To reach the lowest position, press the button, refer to arrow 1. ◀

Adjusting tilt angle

Swivel the head restraints.

Removal

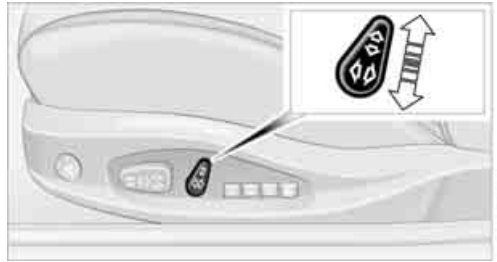
1. Pull the head restraint upward to the stop.
2. Press the button, arrow 1, and remove the head restraint.

Installation

Insert head restraint into the sockets and adjust.

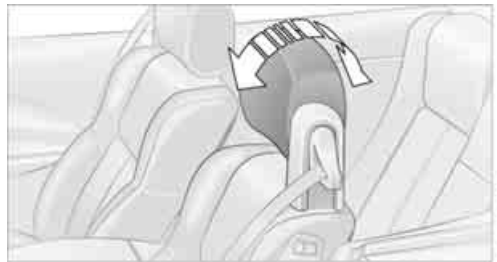
Convertible

Adjusting height



- ▷ To raise: move the switch upward.
- ▷ To lower: move the switch downward.

Adjusting tilt angle



Swivel the head restraints.

Getting in back

! Before starting to drive, fold backrests back, otherwise there is the danger of accident due to an unexpected movement of the seat. ◀

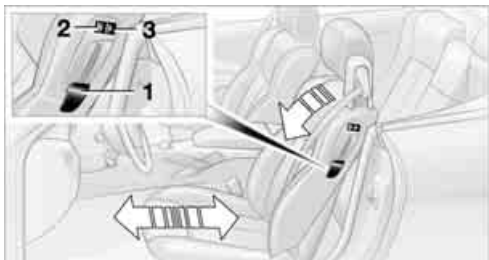
Coupe: releasing backrest



Pull the lever upward and fold the backrest forward.

The lever is designed so that the safety belt can be hooked onto it. This enables you to fasten the safety belt more conveniently.

Convertible: releasing backrest



The belt system integrated into the seat makes it easier to get in back.

1. Pull lever **1** up and fold the backrest forward.
2. Press and hold button **2** until the seat has moved into the desired position.
3. After passengers have gotten in back, fold the backrest back and lock it in place.
4. Press and hold button **3** until the seat has moved back into its previous position. If you release button **3** before this, the seat stops in its current position.

▷ You can lock the backrest in place when it is folded forward. This is useful, for example, when you get into the vehicle while it is parked on a hill. Press the backrest until it audibly locks into place. To fold it back, you do not have to use lever **1** to release it. ◀

! Lock backrest warning lamp:
Lights up when the backrest is not locked. At the same time, an additional message appears on the Control Display.

Safety belts

! To ensure that the safety systems continue to provide optimized protection, please follow the adjustment instructions on page **47**. ◀

Before every drive, make sure that safety belts are being worn at all of the occupied seats.

Airbags complement the safety belt as an additional safety device, but they do not represent a substitute.



Fastening

Make sure you hear the latch plate engage in the belt buckle.

Releasing

1. Hold the belt firmly.
2. Press the red button in the belt buckle.
3. Guide the belt into its reel.

The shoulder strap's anchorage point will be in the correct position for adults of every build if the seat is correctly adjusted, refer to page 48.


Safety belt reminder for driver's seat and passenger seat*



The indicator lamp lights up and a signal sounds. At the same time, an additional message appears on the Control Display. Please check whether safety belts are being worn correctly.

The safety belt reminder is operative at speeds above approx. 5 mph/8 km/h. It can also be activated if objects are placed onto the passenger seat.

Damage to safety belts

 In case of strain due to an accident or damage, replace the belt system including the safety belt tensioners and have the belt anchor points checked. Have this work carried out only by a BMW center or a workshop that works according to BMW repair procedures with appropriately trained personnel. Otherwise correct operation of this safety equipment is not guaranteed. ◀

Heated seats



The temperature setting advances one step in its control sequence each time you press the


button. The maximum preselected temperature is supplied when three LEDs are lit.

To switch off:

Press the button longer.

Mirrors

Exterior mirrors

 The mirror on the passenger's side is more curved than the driver's mirror. Objects reflected in the mirror are closer than they appear. Do not estimate the distance of following traffic based what you see in the mirrors; otherwise, there is an increased accident risk. ◀




- 1 Adjustments
- 2 Switching to the other mirror or to the automatic parking function, refer to Tilting down passenger-side mirror on page 53

Storing the mirror positions, refer to Seat, mirror and steering wheel memory on page 49.

Adjusting manually

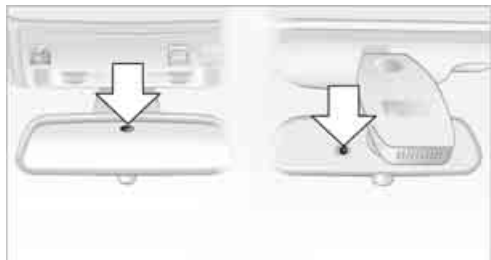
You can also adjust the mirrors manually by pressing against the outer edges of their mirror glass.

Folding exterior mirrors in and out

 To prevent the exterior mirrors from being damaged due to the width of the vehicle, always fold them in by hand before entering an automatic car wash. ◀

Automatic functions

- ▷ Both exterior mirrors are automatically heated when the engine is running or the ignition is switched on.
- ▷ When the vehicle is moving forward, the interior and exterior mirrors dim as a function of the incoming light.



The interior mirror is provided with two photocells to control its automatic dimming function. One is integrated into the mirror glass, refer to arrow, while the other is located at a position slightly offset from this on the back of the mirror housing.

For trouble-free operation, keep the photocells clean and do not cover the area between the interior rearview mirror and the windshield. Also do not attach stickers to the windshield in front of the mirror.

Tilting down passenger-side mirror - automatic parking function

Activating

1. Slide switch into the driver's side mirror position, arrow 1.




2. Engage reverse gear or selector lever position R.
The mirror glass tilts downward somewhat on the passenger's side. This allows the driver to see the area immediately adjacent to the vehicle – such as a curb – when parking, etc.

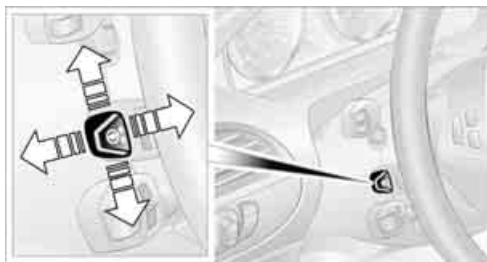
Deactivating

Slide switch into the passenger side mirror position, arrow 2.

Steering wheel

Adjustments

 Do not adjust the steering wheel while the vehicle is moving. There is a risk of accident as the result of unexpected movement. ◀



The steering wheel can be adjusted in four directions.

Storing the steering-wheel position, refer to Seat, mirror and steering wheel memory, page 49.

Electric steering wheel lock

The steering wheel locks or unlocks automatically when the remote control is removed or inserted, refer to page 58.

Easy entry/exit

To make it easier to enter and exit the vehicle, the steering wheel temporarily moves into the uppermost position.

Steering wheel heater*



Press the button with the ignition switched on. The indicator lamp in the button lights up when the steering wheel heater is switched on.

Programmable buttons* on steering wheel



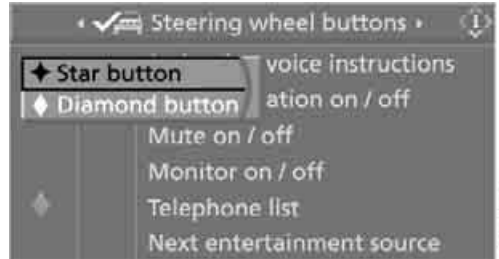
You can program the buttons individually. iDrive, for principle details, refer to page 16.

1. Press the **MENU** button. This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Vehicle settings" and press the controller.
4. Select "Steering wheel buttons" and press the controller.



A list of various functions is displayed:

- ▷ "Navigation voice instructions" Voice instructions of the navigation system*
 - ▷ "Air recirculation on / off" Permanently shutting off outside air, refer to AUC Automatic recirculated air control on page 103
 - ▷ "Mute on / off" Mutes the audio sources
 - ▷ "Monitor on / off" Switches the Control Display on/off
 - ▷ "Telephone list" Display/hide phone book or last list of stored phone numbers displayed
 - ▷ "Next entertainment source" Changes audio source
5. Select the desired function and press the controller.
 6. Select the button if necessary and press the controller.



You can now activate the selected function using the corresponding button.

The setting is stored for the remote control currently in use.

Activating selected function

Press the corresponding button on the steering wheel.

If you have programmed "Navigation voice instructions" for one of the buttons:

- ▷ To switch voice instructions on/off:
Maintain pressure on the button for several seconds.
- ▷ To repeat the last voice instruction:
Press the button.

Transporting children safely

The right place for children

⚠ Do not leave children unattended in the vehicle; otherwise, they could endanger themselves and other persons, e.g. by opening the doors. ◀

In principle, all seats in your BMW are suitable, with the exception of the driver's seat, for mounting universal child restraint systems for all age classes approved for the respective age group.

Children always in back

Accident research shows that the safest place for children is in the back.

⚠ Children younger than 13 years of age or under 5 ft/150 cm in height must be transported in back, seated in child restraint systems which correspond to the age, weight and height of the child. Otherwise there is an increased danger of injury in an accident. ◀

Children 13 years of age or older must wear a safety belt as soon as a suitable child restraint system can no longer be used due to their age, size and weight.

All rear seat positions in your vehicle comply with the recommendations of the standard SAE J1819 for the safe securing of child restraint systems in motor vehicles.

Exception for front passenger seat

⚠ Should it be necessary to use a child-restraint system on the front passenger seat, the front, knee and side airbag on the passenger side must be deactivated. Otherwise, there is an increased risk of injury for the child if the airbags are triggered, even with a child-restraint system. Your BMW center will be glad to advise you. ◀

For more information on automatic deactivation of the front passenger airbags, refer to page 91.

Installing child-restraint systems

⚠ Follow child-restraint system manufacturer's instructions for the selection, installation and use of child restraint systems. Otherwise the degree of protection they offer may be reduced. ◀

Commercially available child restraint systems are designed to be secured with a lap belt or with the lap belt section of a three-point belt. Incorrectly or improperly installed child restraint systems can increase the risk of injury for children. Always follow the instructions for installing the system exactly.

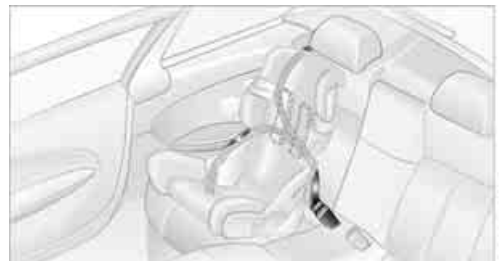
On front passenger seat

⚠ Before installing a child restraint system in the front passenger seat, make sure that the front, knee and side airbag on the front passenger side are deactivated. Otherwise there is an increased risk of injury if the airbags are triggered. ◀

Seat height

Before mounting a universal child-restraint system, move the front passenger seat into the highest position to achieve the best possible belt routing. Do not change this seat height.

Child seat security



All rear safety belts and the safety belt for the front passenger can be locked against pulling out to secure child restraint systems.

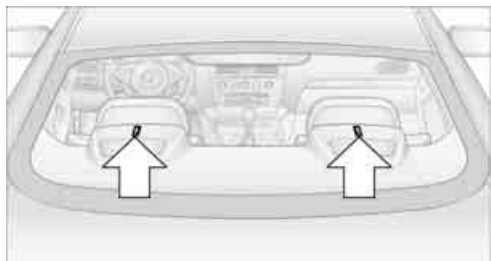
Locking safety belt

1. Secure the child restraint system with the belt.
2. Pull out the belt webbing completely.
3. Allow the belt webbing to be pulled in and pull taut against the child restraint system. The safety belt is locked.

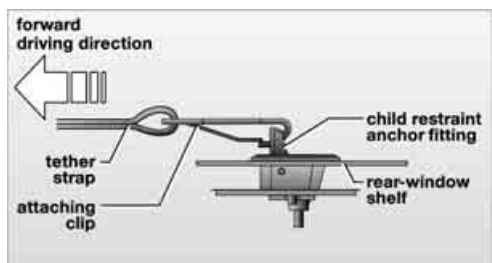
Unlocking safety belt

1. Open the belt buckle.
2. Remove the child restraint system.
3. Allow the belt webbing to be pulled in completely.

Coupe: child restraint system with tether strap



There are two additional mounting points for child restraint systems with a tether strap, refer to arrows.



Placement of tether strap

1. Fold anchor fitting into upright position.
2. Push head restraint downward.
3. Guide tether strap over head restraint and hook onto anchor fitting.

LATCH child-restraint fixing system

LATCH: Lower Anchor and Tethers for Children.



To attach a LATCH child's seat, follow the operating and safety instructions of the child's seat manufacturer. ◀

Rear seats

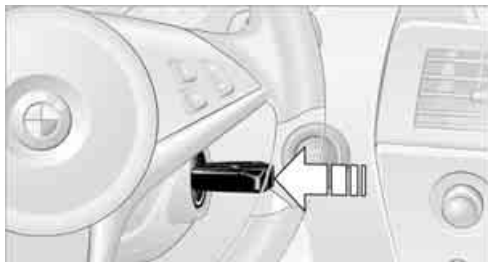


The anchorage points for the LATCH child-restraint fixing system are located underneath the identifying symbol. They are not visible from the outside.

Before attaching the LATCH child's seat, pull the belt away from the region of the child-restraint fixing system.

Driving

Ignition lock



Insert the remote control as far as possible into the ignition lock.

- ▷ Radio readiness switches on. Some electrical devices are ready for operation.
- ▷ The electric steering-wheel lock audibly disengages.

⚠ Before moving the vehicle, insert the remote control into the ignition lock; otherwise, the electric steering-wheel lock will not be unlocked and the vehicle cannot be steered. ◀

Removing remote control from ignition lock

Briefly press in the remote control; it pops out slightly.

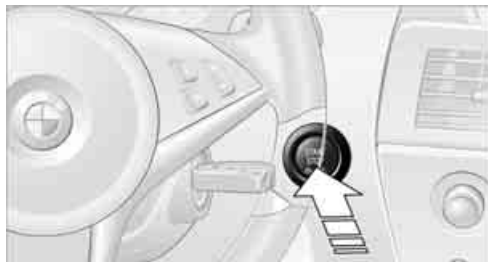
At the same time:

- ▷ The ignition is switched off if it was still switched on.
- ▷ The electric steering-wheel lock audibly engages.

Automatic transmission

The remote control can only be removed when the selector lever is in position P: interlock.

Start/Stop button



Briefly pressing the Start/Stop button several times switches the radio readiness or the ignition on and off.

- ▷ Briefly pressing the Start/Stop button with the brake or clutch pedal depressed starts the engine. ◀

Radio readiness

Some electrical devices are ready for operation. The time and outside temperature are displayed in the instrument cluster.

Radio readiness is automatically switched off:

- ▷ the moment the remote control is removed from the ignition lock
- ▷ with comfort access* by touching the sensitive surface on the door handle, refer to Locking doors on page 37

Ignition on

Most indicator and warning lamps in the display area 1 of the instrument cluster, refer to page 13, light up for different periods.

Radio readiness and ignition off

All indicator and warning lamps in the instrument cluster go out.

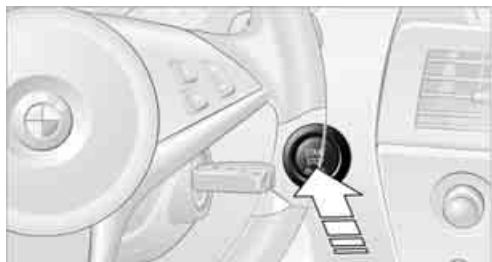
Starting engine

⚠ Do not run the engine in closed rooms; otherwise, the inhalation of toxic exhaust gases can cause unconsciousness and death. The exhaust gases contain carbon monoxide, an odorless and colorless, but highly toxic gas. Never leave an unattended vehicle with the engine running, as such a vehicle represents a potential safety hazard.

To prevent the vehicle from rolling, always engage the handbrake and move the selector-lever into position P or shift into neutral before leaving the vehicle with the engine running. ◀

When starting the engine, do not press the accelerator pedal.

Do not allow the engine to warm up by leaving it running while the vehicle remains stationary. Instead, begin to drive immediately at a moderate engine speed.



Manual transmission

1. Apply the handbrake.
2. Depress the clutch pedal and select the idling position.
3. Briefly press Start/Stop button.

The system responds by automatically engaging the starter for a certain period and automatically disengaging it as soon as the engine starts.

Automatic transmission with Steptronic*

1. Depress brake pedal.
2. Briefly press Start/Stop button.

The system responds by automatically engaging the starter for a certain period and automat-

ically disengaging it as soon as the engine starts.

SMG Sequential Manual Gearbox*

1. Depress brake pedal.
2. Move the selector lever into position N and make sure that this position is also indicated in the instrument cluster.
3. Briefly press Start/Stop button.

The system responds by automatically engaging the starter for a certain period and automatically disengaging it as soon as the engine starts.

▶ If the engine fails to start, depress the brake pedal and press the selector lever to the right and then back into position N. Watch the display in the instrument cluster while doing so. ◀

Special starting conditions

Depress the accelerator pedal halfway when starting the engine in the following situations:

- ▶ The engine fails to start on the first attempt, e.g. if it is very hot or cold.
- ▶ The engine is started at very low temperatures below approx. +5 °F/-15 °C and at high altitudes over approx. 3,300 ft/1,000 m.

⚠ Avoid frequent starting in quick succession or repeated start attempts in which the engine does not start. Otherwise, the fuel is not burned at all or is burned inadequately and there is a danger of overheating and damage to the catalytic converter. ◀

Switching engine off

⚠ Do not remove the remote control from the ignition lock while the vehicle is rolling; otherwise, the steering wheel lock would engage while steering.

When leaving the vehicle, always take the remote control with you.

When parking on a downhill slope, apply the handbrake; otherwise, the vehicle could roll. ◀

Manual transmission

1. Briefly press the Start/Stop button with the vehicle stopped.
2. Shift into first gear or reverse.
3. Apply the handbrake.

SMG Sequential Manual Gearbox*

1. Apply the handbrake.
2. Move selector lever into a drive position.
3. Briefly press Start/Stop button.
If the transmission is in N when the engine is switched off, you will be given an optical and acoustic reminder.


Automatic transmission*


1. Move the selector lever into position P with the vehicle stopped.
2. Briefly press Start/Stop button.

Handbrake

The handbrake is primarily intended to prevent the vehicle from rolling while parked; it brakes the rear wheels.

Indicator lamp

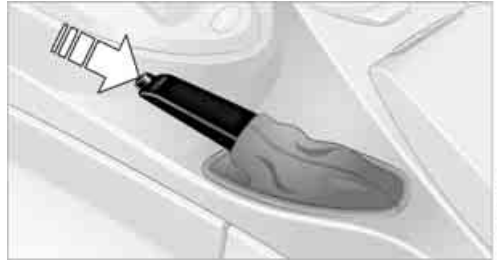
 The indicator lamp lights up, and a signal also sounds when starting off. The handbrake is engaged.

 Indicator lamp for Canadian models.


Engaging


The lever engages automatically.

Releasing




Pull slightly upward, press the button and lower the lever.

 If it becomes necessary under special circumstances to use the handbrake while driving, it must not be pulled too sharply. In doing so, continuously press the button of the handbrake lever. Otherwise strong application of the handbrake can lead to overbraking of the rear axle and associated 'fishtailing' of the vehicle rear end. ◀

 To prevent corrosion and one-sided braking action, occasionally engage the handbrake lightly when the vehicle is slowly coming to a stop if traffic conditions permit. The brake lamps do not light up when the handbrake is engaged. ◀

Manual transmission



 When shifting into 5th/6th gear, press the selector-lever toward the right, otherwise an inadvertent shift into 3rd or 4th gear could lead to engine damage. ◀

Reverse gear

Select only when the vehicle is stationary. Press the gearshift lever to the left, overcoming a slight resistance.

The backup lamps switch on automatically with the ignition switched on.

SMG Sequential Manual Gearbox*

The concept

The SMG Sequential Manual Gearbox is an automated manual transmission in which an electrohydraulic system handles the clutching and gear changes.

You operate the SMG using the selector-lever in the center console and two shift paddles on the steering wheel.

It offers the following functions:

- ▶ Choice of manual or automatic mode: Sequential mode or Drive mode
- ▶ Choice of two drive programs: Normal or Sport, refer to Dynamic Driving Control page 64
- ▶ Automatic downshifting and protection against incorrect shifting even in sequential operation
- ▶ Acceleration assistant, refer to page 64.

Selector-lever positions



The current selector-lever position is displayed in the center console.

- ▶ R: Reverse gear
- ▶ N: Neutral, idle

- ▶ One-touch functions for Sequential mode:
 - + : manual upshifting
 - : manual downshifting
- ▶ D: activate/deactivate the Drive mode

▶ The transmission automatically shifts into N if the driver's door is opened with the engine running and neither the pedals, the shift paddles nor the selector-lever are operated. This is indicated by an acoustic signal and the flashing display N in the instrument cluster. ◀

Gear display



R N 1 to 6

The currently engaged gear is displayed preceded by a D in Drive mode.

▶ This display is your only way to be sure the desired selector lever position is actually engaged. ◀

Shiftlock

Press the brake pedal before shifting out of N; the shift command will not be executed unless the brake is applied.

R Reverse

Select only when the vehicle is stationary.

Sequential mode

After every engine start, as soon as the selector lever is pushed to the right and the brake pedal is pressed, the Sequential mode is activated.

You can shift up and down using the shifting paddles or the selector-lever. You do not need to remove your foot from the accelerator to do so.

It is also possible to start off in second gear, e.g. in slippery conditions.

In the following situations, SMG does the thinking for you:

- ▷ Upshifts and downshifts are executed only when they will result in a plausible combination of engine and vehicle speed; thus, for example, the system will not execute a downshift that would cause the engine to overrev.
- ▷ When the vehicle is stationary, the transmission automatically downshifts into first gear.
- ▷ Shortly before dropping below a gear-dependent minimum speed, the transmission downshifts automatically even without your intervention.


D Drive mode

In the Drive mode, all forward gears are shifted automatically.

To switch from Sequential to Drive mode: Briefly press the selector-lever to the right toward D.

Kick-down: for rapid acceleration, e.g. passing, press the accelerator pedal as far down as it will go. You achieve maximum acceleration.

To switch back to the Sequential mode: press selector-lever to the right again toward D or shift using the shifting paddles or the selector-lever.

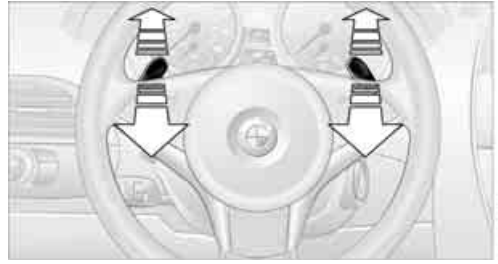
 Start off quickly on slopes. Do not hold the vehicle on a hill by applying the throttle, but engage the handbrake instead. Otherwise, overheating can occur in the region of the transmission. ◀

Gear changes

Using selector-lever

- ▷ To upshift, pull the selector-lever back.
- ▷ To downshift, push the selector-lever forward.

Using shift paddles on steering wheel



- ▷ To shift up, pull one of the shift paddles.
- ▷ To shift down, press.

Automatic transmission with Steptronic*

In addition to the fully automatic mode, you can also shift manually with Steptronic, refer to page 63.

Selector-lever positions

P R N D M/S + -

Displays in instrument cluster



P R N D DS M1 to M6

The selector-lever position is indicated, and in manual mode, the gear currently engaged.

Changing selector-lever positions

- ▷ Only move the selector-lever from position P with the engine running: interlock.
- ▷ With the vehicle stopped, press the brake before shifting out of P or N; otherwise, the selector lever is blocked: shiftlock.



To prevent the vehicle from creeping after you select a driving position, maintain pressure on the brake pedal until you are ready to start. ◀



An interlock prevents inadvertent gearshifts into selector-lever positions R and P. To cancel the interlock, press the button on the front of the selector-lever knob, refer to arrow.

P Park

Select only when the vehicle is stationary. The rear wheels are locked.

R Reverse

Select only when the vehicle is stationary.

N Neutral

You can select N in car washes, for example. The vehicle can roll.

D Drive, automatic position

Position for normal vehicle operation. All forward gears are available. Under normal operating conditions, the fuel consumption is lowest when driving in position D.

Kick-down

The kick-down mode provides maximum acceleration:
Press the accelerator pedal beyond the full-throttle resistance point.

Sport program and manual operation M/S



Move the selector-lever from position D to the left into shifting slot M/S:

The Sport program is activated and DS appears in the instrument cluster. This position is recommended for a performance-oriented driving style. It is engaged automatically when the Dynamic Driving Control is activated, refer to Dynamic Driving Control.

When the selector-lever is briefly moved forward or back, the manual mode is activated and the Steptronic shifts gear. The instrument cluster shows M1 through M6.

Upshifts and downshifts are executed only when they will result in a plausible combination of engine and vehicle speed; thus, for example, a downshift that would cause the engine to overrev will not be executed by the system. If this occurs, the selected gear appears briefly in the instrument cluster, followed by the current gear.

To use the automatic function again, move the selector-lever to the right into position D.

Deactivating selector lever interlock

If the selector lever is blocked in the position P even though the button on the selector lever is pressed, the selector lever interlock can be deactivated:

1. Unclip the sleeve of the selector lever.
2. Pull the sleeve up over the selector lever.



- Using the screwdriver from the onboard toolkit, refer to page 197, press the lever at the point marked in red and move the selector lever into the desired position.

Dynamic Driving Control

The Dynamic Driving Control makes it possible for your BMW to react in an even more performance-oriented manner at the push of a button:

- The engine responds more spontaneously to accelerator pedal movements.
- Cruise control: The stored speed is reached more quickly when requested.

Additionally with SMG:

- Gearshifts are faster.
- The engine speed range is used optimally in the Drive mode.

With automatic transmission:

- The Sport program is activated.

Activating system



With the ignition switched on, press the SPORT button.

The LED in the button lights up and SPORT is displayed in the instrument cluster.


Deactivating system

- Press the SPORT button again or
- shift into reverse or
- switch off the engine.


The LED in the button and SPORT in the instrument cluster go out.

Acceleration assistant with SMG

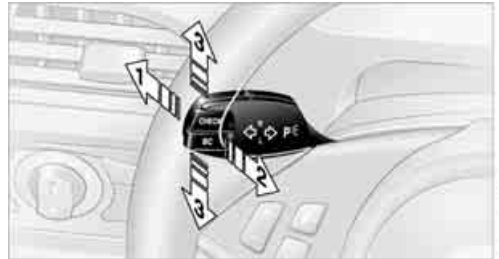
The acceleration assistant enables optimized vehicle acceleration at race car level on road surfaces with good adhesion when starting off.

 Do not use the acceleration assistant too often; otherwise, components will wear prematurely. ◀

- Activate the Dynamic Driving Control.
- Deactivate DSC, refer to page 87.
- Press the accelerator pedal down fully: Kick-down. The ideal starting-off engine speed is set.

 To maintain the vehicle stability, reactivate DSC afterward. ◀

Turn signals/headlamp flasher




- High beams
- Headlamp flasher
- Turn signals

Using turn signals

Move the lever beyond the resistance point.

To switch off manually, only press the lever as far as the resistance point.

 Typically rapid flashing of the indicator lamp indicates the failure of a turn signal lamp. ◀

Brief signaling

Press the lever to the resistance point and hold it there as long as you wish to signal.

Triple turn signal activation

Press the lever to the resistance point; the turn signals flash three times.

You can activate or deactivate this function. iDrive, for principle details, refer to page 16.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Vehicle settings" and press the controller.
4. Select "Lighting" and press the controller.



5. Select "Triple turn signal activation" and press the controller.
 - Triple turn signal is activated.

Wiper system



- 1 Switching on wipers
- 2 Switching off wipers or brief wipe
- 3 Activating/deactivating rain sensor
- 4 Cleaning windshield and headlamps
- 5 Adjusting rain sensor sensitivity level

Switching on wipers

The lever automatically returns to its initial position when released.

Standard wiper speed

Press once.

The system reverts to operation in the intermittent mode whenever the vehicle is stationary.

Fast wipe

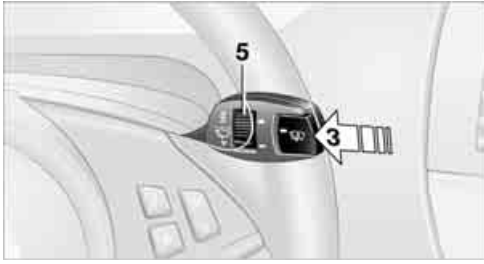
Briefly press twice or press beyond the resistance point.

The system reverts to operation at normal speed whenever the vehicle is stationary.

Rain sensor

Wiper operation is controlled automatically as a function of the rain intensity. The rain sensor is located on the windshield, directly in front of the interior rearview mirror.

Activating rain sensor



Press the button, arrow **3**. The LED in the button lights up.

Adjusting rain sensor sensitivity level

Turn the knurled wheel **5**.

Deactivating rain sensor

Press the button again, arrow **3**. The LED goes out.

⚠ Deactivate the rain sensor when passing through an automatic car wash. Failure to do so could result in damage caused by undesired wiper activation. ◀

Cleaning windshield and headlamps

The system sprays washer fluid against the windshield and activates the wipers for a brief period.

When the vehicle lighting system is switched on, the headlamps are also cleaned at regular and appropriate intervals.

⚠ Do not use the washers if there is any danger that the fluid will freeze on the windshield. If you do so, your vision could be obscured. To avoid freezing, use a washer fluid antifreeze, refer to Washer fluid. Do not use washers when the washer fluid reservoir is empty, as this will damage the washer pump. ◀

Windshield washer nozzles

Both windshield washer nozzles are automatically heated with the engine running or the ignition switched on.

Washer fluid

⚠ Washer fluid antifreeze is flammable. Always keep it well away from sparks and open flames, and store it in tightly closed containers well out of the reach of children. Always follow the instructions for use provided on the containers. ◀

Washer fluid reservoir



Capacity approx. 5.3 US quarts/5 liters.

Fill with water and – if required – with a washer antifreeze, according to manufacturer's recommendations.

▷ In order to maintain the mixture ratio, mix the washer fluid before filling. ◀

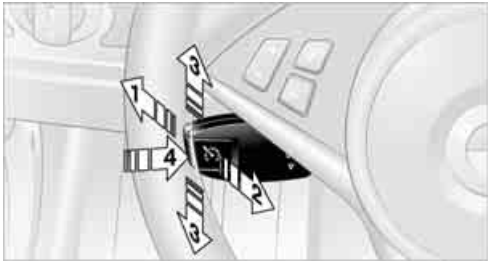
Cruise control

The concept

Cruise control is available for use at speeds of approx. 20 mph/30 km/h and higher. The vehicle stores and maintains the speed that you set using the lever mounted on the steering column.

⚠ Do not use the cruise control under driving conditions that do not permit a constant speed, e.g. when driving on winding roads, in heavy traffic or in poor road conditions such as snow, rain, ice, and loose road surface. Otherwise, you could lose control of the vehicle and cause an accident. ◀

One lever for all functions



- 1 Maintaining speed, storing speed, and accelerating
- 2 Maintaining speed, storing speed, and decelerating
- 3 Interrupting cruise control
- 4 Resuming stored speed

Maintaining speed, storing speed, and accelerating

Press lever to resistance point, arrow **1**:

The system maintains and stores the current vehicle speed. The display **1** in the speedometer, see below, indicates this regulated speed. Every time you briefly press the lever, the vehicle speed increases by approx. 1 mph/1 km/h.

Press the lever to the resistance point and hold it:

The vehicle accelerates without pressure on the accelerator pedal. The system maintains and stores your current speed as soon as you release the lever.

Press the lever beyond the resistance point:
The speed increases by 5 mph/10 km/h.

The vehicle may accelerate beyond the regulated speed on steep downhill stretches where the engine's braking action alone may not be sufficient to slow the vehicle. Speed can drop on uphill grades if the engine output is insufficient.

Maintaining speed, storing speed, and decelerating

Pull the lever, arrow **2**:

Functions are the same as **1**, only the vehicle speed is reduced.

Interrupting cruise control

Press the lever up or down, arrow **3**.

Cruise control is also interrupted automatically:

- ▷ when you apply pressure to the brake pedal
- ▷ when you depress the clutch pedal or shift the automatic transmission/SMG into position N
- ▷ when DSC comes on

Resuming stored speed

Press button **4**:

The vehicle accelerates to and maintains the stored speed.

Deactivating system

When the ignition is switched off, the system is deactivated and the stored speed is deleted.

Displays in instrument cluster



- 1 Stored desired speed
- 2 Selected desired speed appears briefly

Active cruise control*

The concept

With active cruise control, you can select a desired speed which is not only automatically maintained when driving on open roadways, but also varied to maintain a selected distance setting as slower traffic is encountered.

Active cruise control is technologically advanced over the familiar cruise control and is a welcome relief from the constant adjustment of speed that can accompany driving in traffic on freeways or other high-speed thorough-

fares. Especially on longer trips, the system can reduce fatigue and tension, while increasing your enjoyment of driving. Please use it safely and responsibly.

In addition to maintaining a steady cruising speed, active cruise control will, within the scope of given possibilities, adjust your vehicle's speed automatically if you encounter slower vehicles ahead, thus allowing you to flow with the traffic without having to make frequent interventions. For example, if, while cruising at the selected speed, you begin to approach a slower vehicle ahead of you in the same lane, the system will reduce your vehicle's speed to the same as that of the vehicle ahead to maintain your selected distance setting between your vehicle and the vehicle ahead. You can vary the distance, which is also speed-dependent. Based on your selected distance setting, the system automatically decreases the throttle setting and lightly applies the brakes if necessary. The vehicle brake lamps will automatically illuminate to signal a following driver to take action. In addition, it may be necessary for the vehicle or the driver to downshift, depending on the kind of transmission your vehicle is equipped with, to maintain the distance setting selected. If the vehicle ahead speeds up or when the lane ahead becomes clear, your vehicle will accelerate to the speed you have selected by increasing the throttle setting and shifting gears automatically or with the aid of the driver as needed. Your selected speed will be maintained when driving downhill, too.

⚠ Active cruise control is not and must not be used as a collision avoidance/warning system. ◀

⚠ Since this active cruise control system is a new technology and operates differently from conventional cruise control systems which you may be accustomed to, you are strongly urged to read all of the pages relating to this system before use. Pay special attention to the information contained in the Things to know about active cruise control section beginning on page 71. ◀

Professional* navigation system

If there is a navigation DVD in the player, refer to page 120, then the system adapts the acceleration and deceleration behavior of the vehicle to the road on which you are currently driving.

The influence exerted by the navigation system is canceled when the vehicle position is unknown, e.g. when it has left the mapped region.

Manual transmission

You can shift gears with the cruise control activated. If you drive for extended periods at very high or very low engine speeds, then a shifting command is issued or the system is deactivated.

SMG

If you drive for extended periods at very high engine speeds in Sequential mode, then a shifting command is issued or the system is deactivated.

In the Drive mode, the SMG acts similarly to an automatic transmission in the D position.

Operating active cruise control



- 1 Store and increase desired speed
- 2 Store and decrease desired speed
- 3 Deactivate system, refer to page 70
- 4 Resume stored desired speed and distance, refer to page 70
- 5 Select following distance to vehicle ahead, refer to page 69

Maintaining current speed


Briefly press lever, arrow **1**, or briefly pull, arrow **2**, at a driving speed of more than approx. 20 mph or 30 km/h.



The speed currently being driven is stored and maintained. It is indicated on the speedometer and briefly in the instrument cluster.

The controlled speed can drop on uphill grades if the engine output is insufficient. If the engine's braking action is not sufficient on a downhill grade, the system lightly brakes the vehicle.

Setting desired speed

 Adjust your desired speed to the traffic conditions and remain ready to brake at all times; otherwise, there is a danger of accidents. The system is unable to compensate for great differences between your speed and that of the vehicle ahead, e.g. when quickly approaching a truck or when another vehicle swerves into your lane. ◀

Increasing in steps

Briefly press the lever repeatedly up to the resistance point or past the resistance point, arrow **1**, until the desired speed is displayed.

- ▷ Each time the lever is briefly pressed up to the resistance point, the desired speed increases by approx. 1 mph or 1 km/h.
- ▷ Each time the lever is briefly pressed beyond the resistance point, the desired speed is increased by a maximum of 5 mph or 10 km/h until the maximum speed of 110 mph or 180 km/h is reached.

The speed then displayed is stored and reached on clear roads.

Increasing without intermediate steps

Press the lever up to the resistance point or past the resistance point, arrow **1**, until the desired speed is reached. The speed then displayed is stored and reached on clear roads.

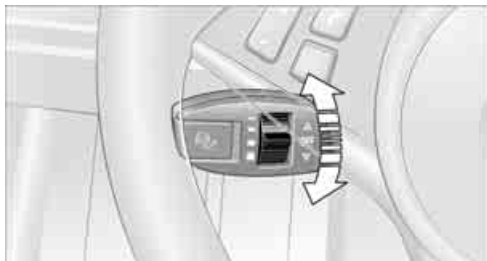
Decreasing without intermediate steps

Briefly pull the lever repeatedly up to the resistance point or past the resistance point, arrow **2**, until the desired speed is displayed.

- ▷ Each time the lever is pulled up to the resistance point, the desired speed decreases by approx. 1 mph or 1 km/h.
- ▷ Each time the lever is pulled beyond the resistance point, the desired speed is decreased by a maximum of 5 mph or 10 km/h until the minimum speed of 20 mph or 30 km/h is reached.

The speed then displayed is stored and reached on clear roads.

Select distance



- ▷ Rotary switch downward: Increase distance
- ▷ Rotary switch upward: Decrease distance

The selected distance is displayed in the instrument cluster.



Distance 1



Distance 2




Distance 3

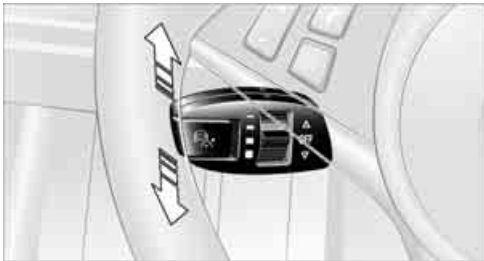
This distance is set when the system is used for the first time after starting the engine.



Distance 4

 Use good judgment to select the appropriate following distance given road conditions, traffic, applicable laws and driving recommendations for safe following distance. ◀

Deactivate system




Press the lever up or down. The displays in the instrument cluster disappear.

You also deactivate the system when you apply the brakes, shift very slowly, or shift into neutral. In addition, the system is deactivated automatically:

- ▶ when you activate the DTC Dynamic Traction Control
- ▶ when you deactivate the DSC Dynamic Stability Control

- ▶ when the system does not recognize any objects for a longer time, e.g. on infrequently traveled roads without a shoulder or guard rails, or if the radar sensor is covered with dirt, refer to page 71
- ▶ when the speed is reduced to below 20 mph/30 km/h due to a traffic situation

 The system deactivates automatically when the speed is set to below 20 mph/30 km/h. A signal sounds and a message appears in the Control Display. The active intervention of the driver is required, otherwise there is the danger of an accident. ◀

Resume stored desired speed and distance

Press button 4.


The displays appear in the instrument cluster.

When you switch off the ignition, the stored desired speed is deleted.

Displays in instrument cluster



- 1 Stored desired speed
- 2 Lights up yellow: vehicle driving ahead is detected
Flashes red and a signal sounds: the system cannot establish the distance, you must apply the brakes
Flashes yellow: driving stability control systems intervene and the active cruise control is deactivated
- 3 Selected distance to vehicle driving ahead: lights up as soon as the system is activated
- 4 Selected desired speed appears briefly

 If the display ACC --- mph/km/h briefly appears in the instrument cluster, it might be that conditions necessary for operation are not currently being met. To call up Check Control messages, refer to page 79. ◀

Warning lamps



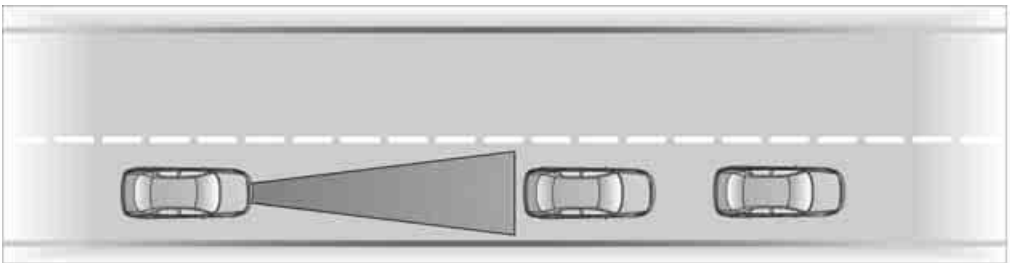
The display **2** flashes red and a signal sounds.


The system is warning you to intervene by braking or executing an evasive maneuver. The active cruise control cannot automatically restore the distance to the vehicle driving ahead. This display does not, however, relieve the driver of the responsibility for adapting desired speed and driving style to traffic conditions.



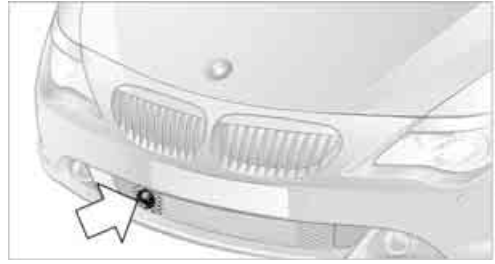
The display **2** flashes yellow. Automatic intervention by ABS or DSC. The active cruise control intervenes by braking until you actively take over.

Things to know about active cruise control



 As with conventional cruise control systems, active cruise control in no way diminishes or substitutes for the driver's own personal responsibility, alertness and awareness in adjusting speed, braking or otherwise controlling the vehicle. The driver should decide when to use the system on the basis of road, traffic, visibility, and weather conditions. Active cruise control is intended for use on highway-type roadways where traffic is moving relatively smoothly. Do not use this system in city driving; heavy traffic such as during rush hour; on curvy, winding roads, slippery roads or


Radar sensor



Heavy rain, dirt, snow, or ice can impair the detection of vehicles ahead. If necessary, clean the radar sensor under the front bumper. In doing so, be especially careful when removing layers of snow and ice.


If the sensor is incorrectly aligned, the active cruise control cannot be activated.

roads with sharp curves such as highway off-ramps; during inclement weather such as snow, heavy rain or fog; or when entering interchanges, service/parking areas or toll booths. It is also important to regulate your vehicle's speed and distance setting within applicable legal limits. Always be ready to take action or apply the brakes if necessary, especially when the system is actively following a vehicle in front of you. ◀

 Always remember that the range and ability of the system do have physical limitations. It will not apply the brakes or decelerate


your vehicle when there is a slow-moving vehicle, stopped vehicle or stationary object ahead of you, as for example at a traffic light or when approaching a parked vehicle. Also, the system does not react to oncoming traffic, pedestrians or other types of potential traffic such as a rider on horseback. It is also possible that the system may not detect smaller moving objects such as motorcycles or bicycles. Be especially alert when encountering any of these situations as the system will neither automatically brake, nor provide a warning to you. Also, be aware that every decrease in the distance setting allows your vehicle to come closer to a vehicle in front of you and requires a heightened amount of alertness. ◀

If your vehicle is actively following a vehicle in front of you and the vehicle ahead speeds up or the lane ahead becomes clear, then your vehicle will accelerate to the speed you have selected. Be aware that changing to a clear, unobstructed lane will also result in your vehicle accelerating.

 Be certain to deactivate the system when you pull into an exit lane for a highway off-ramp. ◀

Also, vehicles traveling in a staggered manner on a highway may cause a delay in the system's reaction to a vehicle in front of you or may cause the system to react to a vehicle actually in the lane next to you. Always be ready to take action or apply the brakes if necessary.

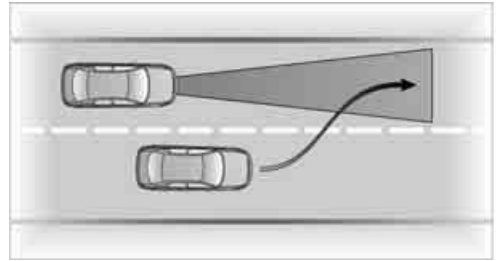
Active cruise control can only decelerate the vehicle to approx. 20 mph/30 km/h. If the system reduces vehicle speed below 20 mph/30 km/h or if DSC/ABS is engaged while driving, the system will automatically deactivate.

 Remember, the system cannot stop your vehicle. In addition, the system is deactivated whenever the driver applies the vehicle brakes, shifts into neutral, or deactivates DSC. After any deactivation, the system will no longer automatically activate the vehicle brakes, which means the driver must intervene and resume manual braking. You should then reactivate the system only when you are fully aware of the prior speed and distance settings. ◀

Active cruise control may brake when you reduce the stored desired speed; however, the driver must constantly monitor traffic and intervene if necessary.

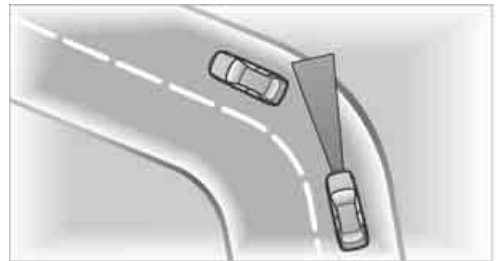
When you switch off the engine or ignition, active cruise control is fully switched off, too, and any settings you have selected are canceled.

Swerving vehicles



When a vehicle moves from an adjacent lane into your lane, active cruise control will not recognize this vehicle until it is fully in your lane ahead of your vehicle.

Behavior in curves





Because of the limited range of the system, it is possible that in curves or on the peaks and valleys of hilly roads, a vehicle ahead may be recognized late, or not at all. Therefore, it is up to the driver to select a speed that is prudent in view of the curves and terrain of the roadway.



In approaching a curve, it is possible that active cruise control would react briefly to a vehicle in the adjacent lane. In addition, the system can sense if your vehicle is in a curve and may not accelerate. If your vehicle decelerates in either case, you can choose to overcome the deceleration by briefly pressing the accelerator pedal.

Driver interventions

 Anytime the driver presses down on the accelerator pedal, any automatic braking action by the system is interrupted until the pedal is fully released. After doing this, release the accelerator and the system again controls your cruising speed and distance setting. While driving with the system activated, resting your foot on the accelerator pedal will cause the system not to brake even if necessary. Be certain that floor mats or other objects on the vehicle floor do not interfere with movement of the accelerator pedal. ◀

 While active cruise control is capable of braking your vehicle automatically when you approach a slower vehicle ahead, it is important to be aware that the ability of the system to apply the brakes is also limited, e.g. when you reduce your desired speed sharply. The system cannot stop your vehicle. It uses only a portion of braking system capacity and does not utilize the full capacity of the vehicle braking system. Therefore, the system cannot decrease your speed for large differences in speed between your vehicle and the vehicle ahead. Examples: when you approach a vehicle traveling at a much lower speed than your own speed such as approaching a toll booth or when a much slower vehicle cuts in front of you at close range. ◀

Everything under control

Odometer, outside temperature display, clock



- 1 Time, outside temperature, and date
- 2 Odometer and trip odometer
- 3 Press button:
 - ▷ with ignition switched on, trip odometer is reset
 - ▷ with the ignition switched off, briefly display time, outside temperature, and odometer

With the ignition switch at radio readiness or higher the outside temperature and the time are displayed.

To request the date:


Press the CHECK button on the turn signal lever, refer to page 79.

To set time and date, refer to page 82.

You can set the unit of measure °F or °C on the Control Display, refer to Units of measure on page 83.

Outside temperature warning

If the display drops to +37 °F /+3 °C, a signal sounds and a message appears. There is an increased danger of ice.

 Ice can form even at temperatures above +37 °F /+3 °C. Drive carefully, especially on bridges and shaded roadways; otherwise, your risk of accident increases. ◀

Tachometer



The white-striped advance warning field, arrow 1, changes depending on the engine temperature. The segments disappear in sequence as the engine warms to its normal operating temperature.

Avoid allowing the engine speed to rise as far as the advance warning field whenever possible.

It is absolutely crucial to avoid engine speeds in the red warning field, arrow 2.

In this range, the fuel supply is interrupted to protect the engine.

Coolant temperature

Should the coolant and therefore the engine become too hot, a warning lamp lights up. In addition, a message appears on the Control Display.

Checking coolant level, refer to page 193.

Engine oil temperature gauge



During normal operation, the engine oil temperature is between approx. 160 °F/70 °C and approx. 340 °F/170 °C. If the engine oil temperature is too high, a message appears on the Control Display.

Fuel gauge




Fuel tank capacity: approx. 18.5 gallons/70 liters. You can find information on refueling on page 182.

If the tilt of the vehicle varies for a longer period, for example when you are driving in mountainous areas, the indicator may fluctuate slightly.

Reserve

After the reserve quantity has been reached, a message appears for a short time on the Control Display; the remaining range is shown in the onboard computer. Below a range of approx. 30 miles/50 km, the message remains on the Control Display.

 Refuel as soon as possible once your remaining range falls below 30 miles/50 km; otherwise, engine functions are not ensured and damage can occur. ◀

Computer

Displays in instrument cluster




To display the information, press the BC button in the turn signal lever with the ignition switch at radio readiness or higher.

The following information is displayed in the specified order:

- ▷ Remaining range
- ▷ Average speed
- ▷ Average fuel consumption

Remaining range

Displays the estimated remaining range available with the remaining fuel. The range is projected based on the driving style over the last 20 miles/30 km.

 Refuel as soon as possible once your remaining range falls below 30 miles/50 km; otherwise, engine functions are not ensured and damage can occur. ◀

Average speed

Periods with the vehicle parked and the engine off are not included in the calculations of average speed.

To reset the average speed: press the BC button in the turn signal lever for approx. 2 seconds.

Average fuel consumption

The average fuel consumption is calculated for the time during which the engine is running.

You can use the Control Display to view your fuel consumption rate over two different dis-

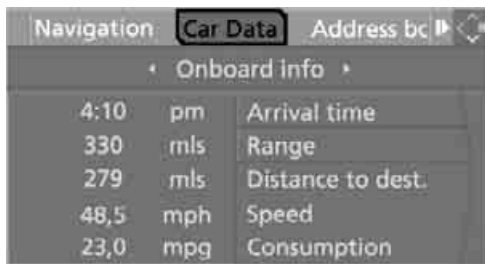
tances, refer to Displays on Control Display or Trip computer.

To reset the average fuel consumption: press the BC button in the turn signal lever for approx. 2 seconds.

Displays on Control Display

You can also call up the computer via iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller to the right to open "Navigation".
In vehicles without navigation system*: Open "Car Data".
3. Select "Car Data" and press the controller.



4. Select "Onboard info" and press the controller.



- ▷ Estimated time of arrival at destination:
 - ▷ Entering a distance manually in the computer, see below.
 - ▷ Entering a destination in the navigation system*, refer to page 121.
- ▷ Remaining range

- ▷ Distance to destination:
 - ▷ Entering a distance manually in the computer, see below.
 - ▷ Entering a destination in the navigation system*, refer to page 121.
- ▷ Average speed
- ▷ Average fuel consumption

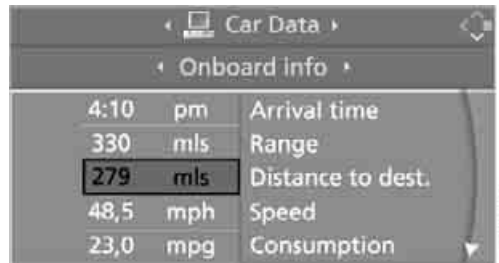
Resetting values

You can reset the values for average speed and average fuel consumption:

1. Select the desired menu item and press the controller.
2. Press the controller again to confirm.

Entering a distance manually

1. Select "Distance to dest." and press the controller.



2. Turn the controller to select the distance to your destination. If necessary, hold it against a slight resistance to enter a greater difference.

3. Press the controller to apply the setting.

The distance is automatically predetermined during the destination guidance of the navigation system*.

Trip computer

The trip computer is suitable for a vacation trip, for example.

1. Open start menu.
2. Open "Navigation".
In vehicles without navigation system*: Open "Car Data".
3. Select "Car Data" and press the controller.

4. Select "Trip computer" and press the controller.



- ▷ Departure time
- ▷ Driving time
- ▷ Distance traveled
- ▷ Average speed
- ▷ Average fuel consumption

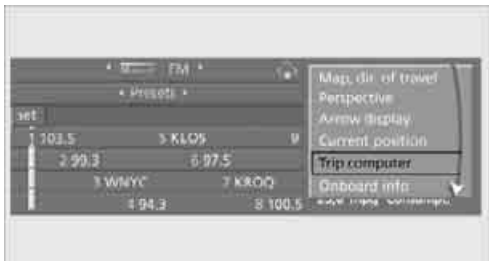
Switching trip computer on/off and resetting all values:

1. Select "Set" and press the controller.
2. Select the desired menu item and press the controller.

Display options

You can display the computer or the trip computer in the assistance window.

1. Move the controller to the right to switch to the assistance window and press the controller.



2. Select a menu item:
 - ▷ "Onboard info"
 - ▷ "Trip computer".

3. Press the controller.



Service requirements



The remaining driving distance and the date for the next maintenance are displayed briefly with the ignition switched on.

- ▷ Your BMW Service Advisor can determine your vehicle's current service requirements by reading out the data stored in the remote control. ◀

Additional information

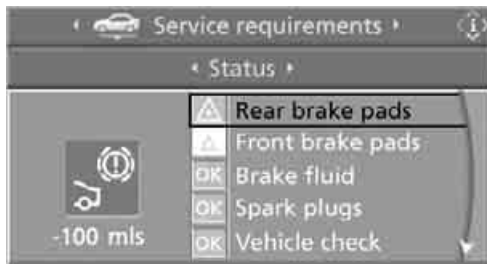
You can view more detailed information by using the Control Display, principle details, refer to page 16.

1. Open start menu.
2. Press the controller to open the **i** menu.
3. Select "Service" and press the controller.

4. Select "Service requirements" and press the controller.



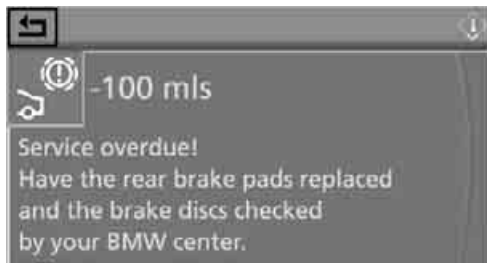
5. Select "Status" and press the controller.



The display shows a list of selected service and maintenance procedures, as well as legally mandated official inspections.

You can request more detailed information on every entry.

Select the entry and press the controller.



To exit from the menu:

1. Select the arrow and press the controller.

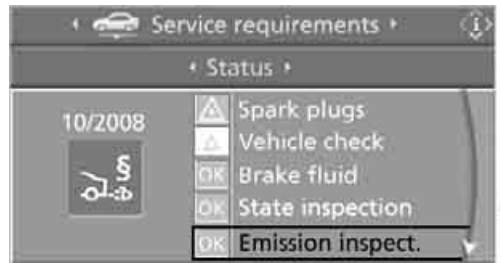
Symbols

- No service is currently required.
- The deadline for service or an official inspection is approaching. Please arrange a service appointment.
- The service deadline has already passed.

Entering dates for state emission and vehicle inspections*

Make sure the date on the Control Display is always set correctly, refer to page 83; otherwise, the effectiveness of CBS Condition Based Service is not ensured.

1. Open start menu.
2. Press the controller to open the **i** menu.
3. Select "Service" and press the controller.
4. Select "Service requirements" and press the controller.
5. Select "Status" and press the controller.
6. Select "Emission inspect." or "State inspection" and press the controller.



7. Select "Set service date" and press the controller. The month is highlighted.
8. Turn the controller to make the adjustment.



9. Press the controller to apply the setting.
The year is highlighted.
10. Turn the controller to make the adjustment.
11. Press the controller to apply the setting.
The date entry is stored.

To exit from the menu:

↩ Select the arrow and press the controller.

Check Control

The concept

The Check Control monitors functions in the vehicle and issues a message if there is a malfunction in the monitored systems. A Check Control message of this kind includes indicator or warning lamps in the instrument cluster, possibly an acoustic signal, and text messages at the bottom of the Control Display.

Indicator and warning lamps



Indicator and warning lamps can light up in different combinations and colors, both in the display area 1 and in the display 2



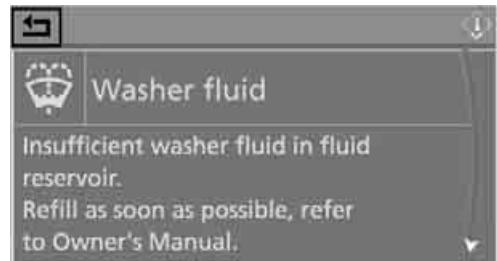
▲ This symbol means that a Check Control message has been generated. The symbol remains visible even if the Check Control

message has been hidden after a short time. The combinations of warning lamps and text messages are stored and can be viewed later, also refer to page 80.

Explanatory text messages



Text messages at the bottom edge of the Control Display explain the meaning of the indicator and warning lamps displayed.



You can display supplementary information regarding most Check Control messages, e.g. as to the cause of a malfunction and corresponding actions to be taken, see below.

In cases of corresponding urgency, this information is immediately displayed when the associated lamps light up.

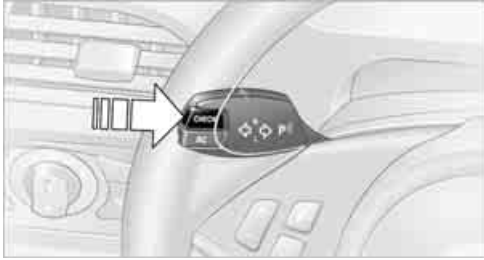
To exit the displayed information:

↩ Select the arrow and press the controller.

Importance of Check Control messages

Important Check Control messages are retained until the malfunctions have been rectified. They cannot be deleted. If a number of these malfunctions occur simultaneously, they are displayed in succession.

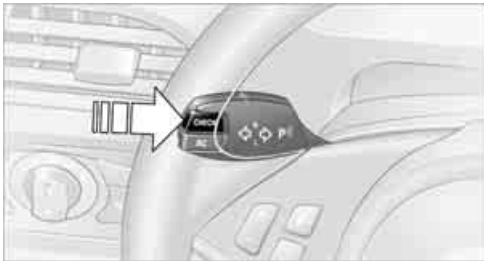
Less important messages disappear after approx. 20 seconds, but remain in memory.



To hide these Check Control messages: Press the CHECK button on the turn signal lever.

Displaying stored Check Control messages

1. Press the button longer:
The first stored message is displayed.



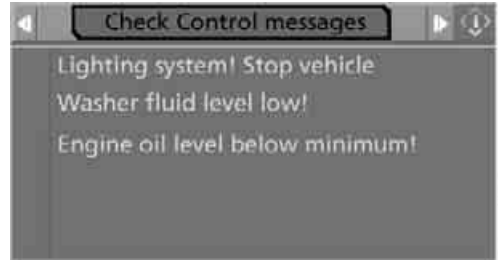
2. Press the button:
A new message appears each time you press the button.

Displaying supplementary information

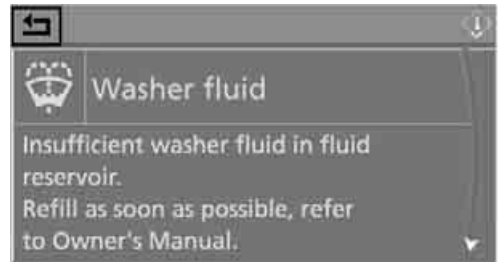
iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Service" and press the controller.

4. Select "Check Control messages" and press the controller.

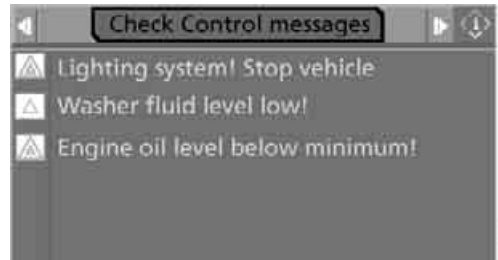


5. Select a message and press the controller.



To exit from the menu immediately:
Select the arrow and press the controller.

Displaying the urgency of malfunctions



Depending on the equipment, the stored Check Control messages are also displayed with the following symbols:

- No malfunctions detected in the monitored systems.
- Malfunctions detected in the monitored systems. Depending on the malfunction, supplementary information is shown on the Control Display.

The symbols also indicate the status of the service requirements display, refer to page 77.

Displays after completion of trip

Malfunction reports generated during the trip are shown consecutively when you switch off the ignition.

Before the display disappears, you can display the messages once again. Press the CHECK button for approx. 2 seconds. If several messages are present, you can press the CHECK button repeatedly.

The display:

- ▷ turns off automatically after a brief period
- ▷ can be turned off at any time by pressing the CHECK button again for approx. 2 seconds

Speed limit

You can enter a speed and a Check Control message indicates when you have reached this speed. This enables you, for example, to receive warnings if you exceed a speed limit in an urban area.

You are only warned of reaching this speed a second time if your vehicle has fallen at least 3 mph/5 km/h below it in the meantime.

Displaying, setting or changing limit

iDrive, for principle details, refer to page 16.

1. Open start menu.
2. Open "Navigation".
In vehicles without navigation system*:
Open "Car Data".
3. Select "Car Data" and press the controller.
4. Select "Limit" and press the controller.



5. Select the speed value and press the controller.
6. Turn the controller to set the limit. If necessary, hold it against a slight resistance to enter a greater difference.
7. Press the controller to apply the setting. The limit is automatically switched on.

Applying your current speed as limit

Select "Select current speed" and press the controller. The system applies your current speed as the limit.

Activating limit

Select "On" and press the controller.

The limit is automatically switched on.

Stopwatch

iDrive, for principle details, refer to page 16.

1. Open start menu.
2. Open "Navigation".
In vehicles without navigation system*:
Open "Car Data".
3. Select "Car Data" and press the controller.
4. Select "Stopwatch" and press the controller.




Starting, stopping, or resetting

- ▷ Select "Start" and press the controller. The stopwatch starts at the displayed time.
- ▷ Select "Reset" and press the controller. The stopwatch is reset and it restarts if it was running beforehand.
- ▷ Select "Stop" and press the controller. This stops the timer.

Taking an intermediate time reading

Select "Interim time" and press the controller. The interim time appears below the ongoing primary stopwatch count.

 All of the remaining functions remain available at all times while the stopwatch is running. The stopwatch continues to operate in the background. ◀

Settings on Control Display

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button once or twice until the start menu appears.



2. Press the controller to open the **i** menu.

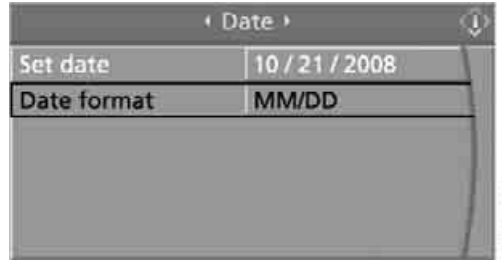


3. Turn the controller until "Display settings" is selected and press the controller.

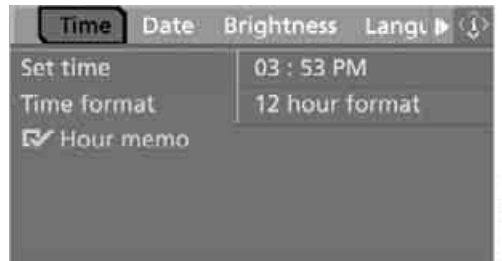


Setting time

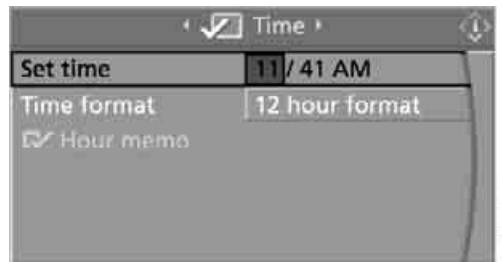
1. Move the controller once to the front if necessary to change to the first field from the top.



2. Turn the controller until "Time" is selected and press the controller.



3. Turn the controller until "Set time" is selected and press the controller.



Making settings

1. Turn the controller to set the hours and press the controller.
2. Turn the controller to set the minutes and press the controller.

The changed time is stored.

Activating hour signal*

You will hear three tones just before each full hour.

Select "Hour memo" and press the controller.

The hour signal is activated.

Setting time format

1. Select "Time format" and press the controller.
2. Select the desired format and press the controller.

The setting is stored for the remote control currently in use.

Setting date

1. Select "Date" and press the controller.



2. Select "Set date" and press the controller. The first section of the date display is highlighted, in this case the month
3. Turn the controller to make the adjustment.
4. Press the controller to apply the setting. The next adjustment is highlighted.
5. Make the remaining adjustments. After the last adjustment, the date is stored.

Changing date format

1. Select "Date format" and press the controller.
2. Select the desired format and press the controller.

The setting is stored for the remote control currently in use.

Brightness of Control Display

The brightness is automatically adapted to the ambient lighting conditions. However, you can change the base setting.

1. Select "Brightness" and press the controller.



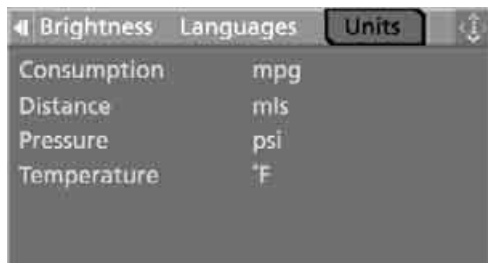
2. If necessary, move the controller to the right to select "Display".
3. Turn the controller until the desired setting is selected.

The setting is stored for the remote control currently in use.

Units of measure

You can change the units of measure for fuel consumption, distances, temperature and pressure.

1. Select "Units" and press the controller.

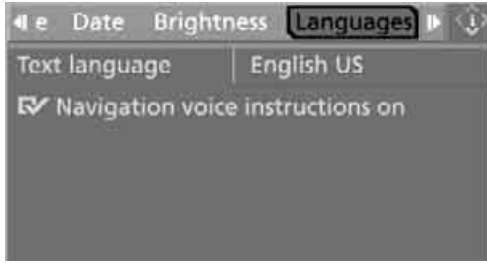


2. Select the menu item to be set.
3. Press the controller.
4. Select the desired unit of measure and press the controller.

The settings are stored for the remote control currently in use.

Language on Control Display

1. Select "Languages" and press the controller.



2. Select "Text language" and press the controller. You can select a different language for the text displays.
3. Select the desired language and press the controller.


The setting is stored for the remote control currently in use.

Technology for comfort, convenience and safety

PDC Park Distance Control*

The concept

The PDC assists you when you are parking. Acoustic signals and an optical display* alert you to the approach of an object from behind your vehicle. To measure the distance, there are four ultrasonic sensors in each bumper. The range of these sensors is approx. 7 ft/2 m. But an acoustic warning first sounds at approx. 24 in/60 cm for the sensors at the front and two rear corners and at approx. 5 ft/1,50 m for the center rear sensors.

 PDC is a parking aid that can indicate the presence of objects when they are being approached slowly, as is usually the case when parking. Avoid approaching an object at high speed; otherwise, the physical circumstances could cause the system warning to be activated too late. ◀

Automatically activating

With the engine running or the ignition switched on, the system starts to operate automatically approx. 1 second after you shift into reverse.

Wait this short period before driving.

Switching on manually



Press the button; the LED lights up.

Switching off manually

Press the button again; the LED goes out.

After driving approx. 165 ft/50 m or at over approx. 20 mph/30 km/h, the system is switched off and the LED goes out. You can reactivate the system manually as needed.

Signal tones

An intermittent signal indicates the distance of the vehicle from an object being approached. Thus, an object detected to the left rear of the vehicle will be indicated by a signal tone from the left rear speaker, etc. As the distance between vehicle and object decreases, the intervals between the tones become shorter. The signal tone becomes continuous once the distance to the nearest object falls to below roughly 1 ft/30 cm.

An intermittent tone is interrupted after approx. 3 seconds:

- ▷ if you remain in front of an object that was only detected by one of the corner sensors
- ▷ if you drive parallel to a wall

Malfunction

The LED in the button flashes and a message appears on the Control Display. PDC is malfunctioning. Have the system checked.

As a preventive measure, keep the sensors clean and free of ice or snow in order to ensure that they will continue to operate effectively. Do not spray the sensors with high-pressure washers for prolonged intervals and always keep the nozzle at least 4 in/10 cm from the sensors.

PDC with visual warning*

You can also enjoy the option of having the system show the approach to an object on the Control Display. Objects that are farther away are already shown there before a signal tone sounds.

iDrive, for principle details, refer to page 16.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Vehicle settings" and press the controller.
4. Select "PDC" and press the controller.



5. Select "PDC display on" and press the controller.

The PDC screen is activated.

The display appears on the Control Display as soon as PDC is activated.

The setting is stored for the remote control currently in use.

System limits

⚠ Even with PDC, final responsibility for estimating the distance between the vehicle and any obstacles always remains with the driver. Even when sensors are involved, there is a blind spot in which objects cannot be detected. This applies especially in those cases where the system approaches the physical constraints of ultrasonic measurement, as occurs with tow bars and trailer couplings, and in the vicinity of thin or wedge-shaped objects. Low objects already displayed, e.g. a curb, can disappear from the detection area of the sensors again before a continuous tone sounds. Higher, protruding objects, e.g. ledges, cannot be detected. Loud noises from outside and inside the vehicle may prevent you from hearing the PDC signal tone. ◀

Driving stability control systems

Your BMW is equipped with an extended array of systems designed to enhance and maintain vehicle stability under extreme conditions.

ABS Antilock Brake System

ABS prevents the wheels from locking during braking. Safe steering response is maintained even during hard braking. This increases active driving safety.

ABS is operational every time you start the engine. For information on safe braking, refer to page 115.

CBC Cornering Brake Control

This system provides further enhancements to vehicle stability and steering response when braking while cornering or when braking during a lane change.

Electronic brake-force distribution

This system controls the brake system's application pressure at the rear wheels to ensure stable deceleration.

DBC Dynamic Brake Control


When you apply the brakes rapidly, this system automatically produces the maximum braking force boost and thus helps to achieve the shortest possible braking distance during full braking. This system exploits all of the benefits provided by ABS.

Do not reduce pressure on the brake pedal for the duration of the braking maneuver. DBC is switched off when the brake pedal is released.

DSC Dynamic Stability Control

DSC prevents traction loss in the driving wheels when starting off and accelerating. DSC also detects unstable driving conditions such as fishtailing or sliding of the vehicle's front wheels. In these cases, DSC helps the vehicle safely stay on course within the physical limits by reducing the engine output and by applying the brakes differently in the individual wheels.

The DSC is operational every time you start the engine.

 The laws of physics cannot be repealed, even with DSC. An appropriate driving style always remains the responsibility of the driver. Do not reduce the additional safety margin of the system by taking risks. ◀

Deactivating DSC



Press the button until the DSC indicator lamp in the instrument cluster lights up, but not for longer than approx. 10 seconds. DTC Dynamic Traction Control and DSC are deactivated together. Interventions promoting stability and forward momentum will no longer be carried out. The stability-promoting intervention of the active steering* is also deactivated, refer to page 90.

A message appears on the Control Display. Please note any supplementary information that appears there.

To support enhanced operating stability, reactivate DSC again as soon as possible.

Activating DSC

Press the button; the indicator lamp in the instrument cluster goes out.

For better control



The indicator lamp flashes: DSC is controlling the drive forces and brake forces.

The indicator lamp comes on: DSC is deactivated.

DTC Dynamic Traction Control

DTC is a variant of DSC for special road conditions, e.g. uncleared snow-covered roads, that is optimized for forward momentum. The system ensures maximum forward momentum, but with limited driving stability. Therefore, drive with appropriate caution.

You may find it useful to briefly activate DTC under the following special circumstances:

- ▶ When driving on snowy inclines, in slush, or on unplowed, snow-covered road surfaces
- ▶ When rocking a stuck vehicle free or when starting off in deep snow or on loose ground
- ▶ When driving with snow chains*

Activating DTC



Press the button; the DTC indicator lamp in the instrument cluster lights up.

Deactivating DTC

Press the button again; the DTC indicator lamp in the instrument cluster goes out.

For better control



The indicator lamp flashes: DSC is controlling the drive forces and brake forces.



The indicator lamp comes on: DTC is activated.

Dynamic Drive*

The concept

Dynamic Drive minimizes body roll and optimizes vehicle stability during cornering and evasive maneuvers.

Dynamic Drive is based on active stabilizers on the front and rear axles. Suspension compliance adapts to suit driving conditions, varying from performance-oriented during cornering to smooth and comfort-oriented when the vehicle is proceeding in a straight line. During vehicle operation, the system continuously runs through closed-loop control cycles lasting only fractions of a second.

The system assumes operational status each time you start the engine.

Malfunction



The warning lamp lights up yellow and a message is shown on the Control Display. There is a malfunction in the system. Have the system checked as soon as possible.



If a malfunction occurs, please remember to adapt your speed accordingly, especially in curves.

The suspension will be noticeably softer and the vehicle will display a greater tendency to tilt during cornering and in crosswinds.

If a message stating that you should stop is shown on the Control Display, stop at a suitable location and switch off the engine as soon as possible. In this case the oil level in the reservoir may have dropped below the minimum, possibly owing to a leak in the hydraulic system. Do not continue driving, but instead contact your BMW center. ◀

Flat Tire Monitor FTM

The concept

The Flat Tire Monitor keeps track of the inflation pressures in the tires as you drive. The system provides an alert whenever the inflation pressure drops significantly in relation to the pressure in another tire.

In the event of a pressure loss, the rolling radius and therefore the rotation speed of the wheels change. This change is detected and signaled as a flat tire.

Functional requirement

To ensure the reliable signaling of a flat tire, the system must be initialized at the correct tire inflation pressure.



The initialization must be repeated after every correction of the tire inflation pressure and after every tire or wheel change. ◀

System limits



The Flat Tire Monitor cannot indicate sudden severe tire damage caused by outside factors and does not detect a natural, even pressure drop in all four tires. ◀

In the following situations, the system could be delayed or malfunction:

- ▷ System has not been initialized
- ▷ Driving on snow-covered or slippery roads
- ▷ Sporty driving style: slip in the drive wheels, high lateral acceleration
- ▷ Driving with snow chains*

Initializing system



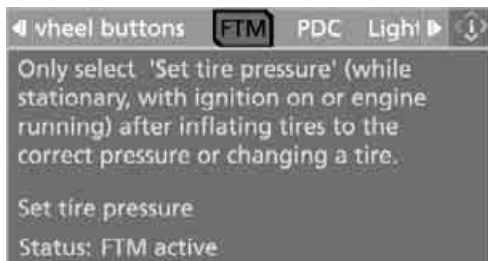
The initialization finishes during driving, which can be interrupted at any time.

When driving resumes, the initialization is automatically continued.

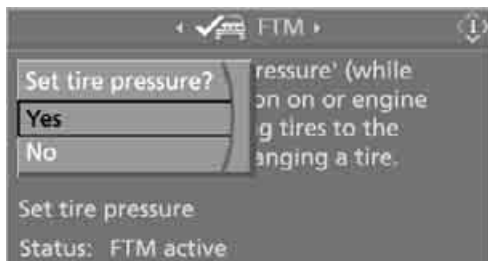
Do not initialize the system when driving with snow chains*. ◀

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Vehicle settings" and press the controller.
4. Select "FTM" and press the controller.




5. Start engine, but do not start driving.
6. Select "Set tire pressure" and press the controller.
7. Select "Yes" and press the controller.




8. Start driving.
The message "Initializing..." is displayed.
The initialization is completed during driving.
Then the message "Status: FTM active" appears on the Control Display again.


Indication of a flat tire

 The warning lamp lights up in red. A message appears on the Control Display. In addition, an acoustic signal sounds. There is a flat tire or extensive inflation pressure loss.

1. Cautiously reduce the vehicle speed to below 50 mph/80 km/h. Avoid sudden braking and steering maneuvers. Do not exceed a vehicle speed of 50 mph/80 km/h.


 Stop driving if the vehicle is no longer equipped with run-flat tires, as it was when it came from the factory, refer to page 188. Continued driving after a flat tire can result in serious accidents. ◀

2. Check the air pressure in all four tires at the next opportunity.

 If the tire inflation pressure in all four tires is correct, the Flat Tire Monitor may not have been initialized. The system must then be initialized. ◀

3. In the event of complete tire pressure loss, 0 psi/0 kPa, you can estimate the possible distance for continued driving on run-flat tires, based on the following guide values:

- ▶ With low load:
1 to 2 persons without luggage:
approx. 155 miles/250 km.
- ▶ With medium load:
2 persons, luggage compartment full, or
4 persons without luggage:
approx. 94 miles/150 km.
- ▶ With full load:
4 persons, luggage compartment full:
approx. 30 miles/50 km.

 Drive reservedly and do not exceed a speed of 50 mph/80 km/h. In the event of pressure loss, vehicle handling changes. This includes reduced tracking stability in braking, extended braking distances and altered natural steering characteristics.

If unusual vibrations or loud noises occur while the vehicle is being driven, this can indicate final failure of the damaged tire. Reduce speed and stop at a suitable location as soon as possible; otherwise, pieces of the tire could become detached and cause an accident. Do not continue driving, but instead contact your BMW center. ◀

Active steering*

The concept

The active steering is a system that actively varies the steering angle of the front wheels in relation to the steering wheel movements.

At low speeds, e.g. in a town or when parking, the steering angle of the wheels is increased, i.e. the steering becomes very direct.

In the higher speed range, on the other hand, the steering angle is reduced more and more. This improves the handling capability of your BMW over the entire speed range.

In critical situations, the system can make targeted corrections to the steering angle provided by the driver and thus stabilize the vehicle before the driver intervenes. This stability-promoting intervention is deactivated when DSC is switched off, refer to page 86.

The active steering is no longer operational. At low speed, larger steering wheel movements are required, while the vehicle reacts more sensitively to steering wheel movements in the higher road speed range. The stability-promoting intervention can also be deactivated. Proceed cautiously and drive defensively. Have the system checked.

Brake force display



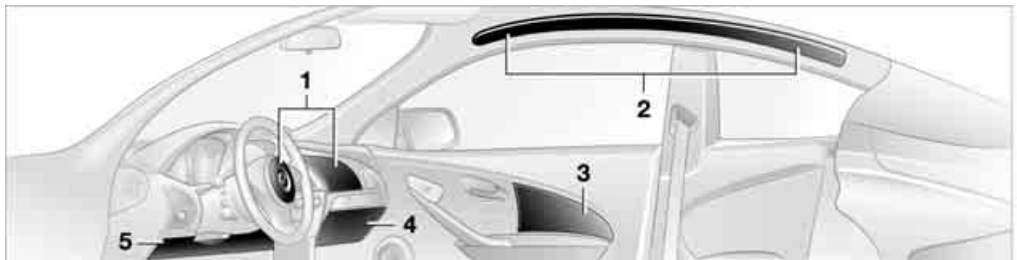
- ▷ Left-hand picture: normal braking.
- ▷ Right-hand picture: heavy braking.

Malfunction



The warning lamp lights up and a message appears on the Control Display.


Airbags



The following airbags are located under the marked covers:

- | | |
|--|--|
| <ul style="list-style-type: none"> 1 Front airbags 2 Coupe: head airbags | <ul style="list-style-type: none"> 3 Side airbags 4 Knee airbag 5 Knee airbag |
|--|--|


Protective action

 To ensure that the safety systems continue to provide optimized protection, please follow the adjustment instructions on page 47. ◀

The front airbags help protect the driver and front passenger by responding to frontal impacts in which safety belts alone cannot provide adequate restraint. When needed, the head and side airbags help provide protection in the event of a side impact. The relevant side airbag supports the side upper body area. The head airbag supports the head. The knee airbag protects the legs from colliding with the cockpit.

The airbags are deliberately not triggered in every impact situation, e.g. less severe accidents or rear-end collisions.

For details on the correct seat position, refer to page 47.

 Do not apply adhesive materials to the cover panels of the airbags, cover them or modify them in any other way.


Do not attempt to remove the airbag retention system from the vehicle. Do not modify or tamper with either the wiring or the individual components in the airbag system. This category includes the upholstery in the center of the steering wheel, on the instrument panel, the side trim panels on the doors and on the Coupe, the roof pillars along with the sides of the headliner. Do not attempt to remove or dismantle the steering wheel.


Do not touch the individual components directly after the system has been triggered, because there is a danger of burns. In the event of malfunctions, deactivation, or triggering of the airbag restraint system, have the testing, repair, removal, and disposal of airbag generators carried out only by a BMW center or a workshop that works according to BMW repair procedures with appropriately trained personnel and has the required explosives licenses. Unprofessional attempts to service the system could lead to failure in an emergency or undesired airbag activation, either of which could result in personal injury. ◀

Warnings and information on the airbags are also provided on the sun visors.

Automatic deactivation of front passenger airbags

The occupation of the seat is detected by evaluating the impression on the occupied seat surface of the front passenger seat. The system correspondingly activates or deactivates the front, knee and side airbag on the front passenger side.

 The current status of the front passenger airbag, i.e. deactivated or activated, is indicated by the indicator lamp over the interior rearview mirror, refer to Operating state of front passenger airbags below. ◀

 Before transporting a child in the front passenger seat, read the safety information and follow the instructions under Transporting children safely, refer to page 56.

The front, knee and side airbag on the front passenger side can be deactivated for teenagers and adults in certain seat positions; the indicator lamp for the front passenger airbags lights up when this occurs. In these cases, change the seat position so that the front passenger airbags are activated and the indicator lamp goes out. If the desired status cannot be produced by changing the seat position, transport the corresponding person in the rear seat.

Do not fit seat covers, seat cushion padding, beaded mats or other items onto the front passenger seat unless they are specifically recommended by BMW. Do not place objects under the seat which could press against the seat from below. Otherwise a correct evaluation of the occupied seat surface cannot be ensured. ◀

Operating state of front passenger airbags



The illustration here shows a possible arrangement in the Coupe. With some vehicle equipment packages or in the Convertible, the arrangement of the switches and indicator lamps may differ somewhat.

The indicator lamp for the front passenger airbags indicates the operating status of the front, knee and side airbag on the front passenger side depending on whether the seat is occupied. The indicator lamp shows whether the front passenger airbags are activated or deactivated.

- ▷ The indicator lamp lights up when a child in a child restraint system intended for the purpose is properly detected on the seat. The front, knee and side airbag on the front passenger side are deactivated.
- ▷ The indicator lamp does not light up when, for example, a correctly seated person of sufficient height is detected on the seat. The front, knee and side airbag on the front passenger side are activated.
- ▷ The indicator lamp does not light up when the seat is empty. But the front, knee and side airbag on the front passenger side are still deactivated.


Operational readiness of airbag system



With the ignition lock at radio readiness or higher, refer to page 58, the warning lamp lights up briefly, indicating the operational readiness of the entire airbag system and the safety belt tensioners.

Airbag system malfunction


- ▷ Warning lamp does not light up as of radio readiness.
- ▷ Warning lamp lights up continuously.

 Have the airbag system checked immediately in case of a malfunction; otherwise, there is a danger that the airbag system may not respond in the expected manner in an accident despite an impact of corresponding intensity. ◀

Convertible: rollover protection system

The rollover protection system is automatically activated in the event of an accident or a critical driving situation, extreme inclination on the longitudinal or transverse axis, or loss of ground contact. The rollover bars located behind the rear head restraints are deployed within fractions of a second.

As a supplement to the rollover bar integrated into the windshield frame, the rollover protection system ensures that all vehicle occupants have the necessary headroom.

 Always keep the path of movement of the rollover protection system clear.

In less severe accidents, you are protected by the fastened safety belt and, depending on the severity of the accident, the belt tensioner and the multistage airbag restraint system. ◀

Lowering

If the rollover protection system experienced no impact after automatic activation, then it can be lowered again. No tools are necessary for this purpose.

1. Press the release backward and hold in that position.



2. Press the rollover protection unit halfway down from above.
3. Let go of the release.
4. Press the rollover protection unit down until it snaps into place.



5. Use the same procedure for the second rollover protection unit.

Have the rollover protection system checked after unexpected triggering.

⚠ Never move the convertible top when the rollover protection system is raised. No changes of any nature may be made to the individual components of the rollover protection system and wiring.

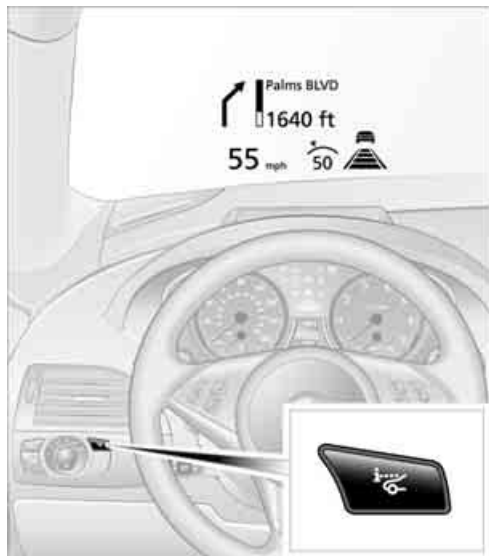
Work on the rollover protection system may only be performed at a BMW center. Unprofessional attempts to service the system can lead to failure or malfunction.

For a system check and to ensure long-term functioning, you must comply with the maintenance intervals of the service requirements, refer to page 77. ◀

Head-Up Display*

The concept

With the Head-Up Display, important information is projected into the driver's field of view, e.g. navigation instructions. This enables you to absorb this information without looking away from the road.



Switching on/off

With the engine running or the ignition switched on:

Press the button to activate or deactivate this system.



- 1 Navigation instructions
- 2 Display
 - ▷ Cruise control
 - ▷ Active cruise control
- 3 Speed

Selecting displays

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Display settings" and press the controller.
4. Select "Head-Up Display" and press the controller.
5. Select desired information of Head-Up Display.



6. Press the controller.
 - The information appears on the Head-Up Display.

The settings are stored for the remote control currently in use.

Adjusting brightness

The brightness of the display is automatically adapted to the ambient lighting conditions. However, you can change the base setting. With the low beams switched on, the brightness can also be adjusted with the knurled wheel of the instrument lighting.

iDrive, for principle details, refer to page 16.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Display settings" and press the controller.
4. Select "Brightness" and press the controller.



5. If necessary, move the controller to the left to select "Head-Up Display".
6. Turn the controller until the desired setting is selected.

The setting is stored for the remote control currently in use.

Notes

The visibility of the displays in the Head-Up Display is influenced by:

- ▷ Sunglasses with certain polarization filters
- ▷ Certain sitting positions
- ▷ Objects on the cover of the Head-Up Display
- ▷ Wet road surface and unfavorable lighting conditions

If the image is distorted, please have the base setting checked at a BMW center.


Specialized windshield

The windshield is a part of the system. The shape of the windshield complies with the requirements of the Head-Up Display to enable a precise display. A film in the windshield prevents double images from being displayed. Have the windshield replaced only by a BMW center or a repair shop that works in accordance with BMW guidelines and uses appropriately trained personnel.

Care instructions

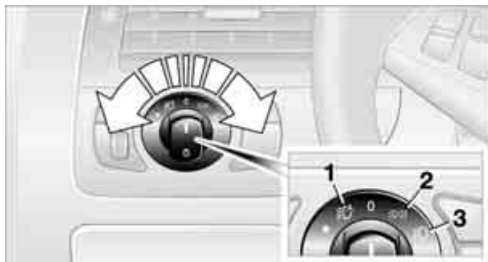
You can find everything you need to know on this topic by consulting the Caring for your vehicle brochure.



 To avoid damaging the cover of the Head-Up Display, use only a soft, nonabrasive cloth to clean it. ◀

Lamps


Parking lamps/low beams



- 1 Automatic headlamp control, Adaptive Head Light* and high-beam assistant*
- 2 Parking lamps
- 3 Low beams/daytime driving lamps*

Parking lamps

In the switch position **2**, the front, rear and side vehicle lighting is switched on. You can use the parking lamps for parking. For lighting on one side for parking as an additional feature, refer to page 97.

 The parking lamps drain the battery. Avoid using for longer periods; otherwise, it may not be possible to start the engine. ◀

Low beams

The low beams light up in switch position **3** only with the engine running. Otherwise the parking lamps are lit.

Pathway lighting

When you activate the headlamp flasher after parking the vehicle and switching off the lamps, the low beams will come on for a brief period. You can set the duration via iDrive or deactivate the function.

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.

3. Select "Vehicle settings" and press the controller.
4. Select "Lighting" and press the controller.



5. Select "Pathway lighting" and press the controller.
6. Turn the controller to select the corresponding duration.
7. Press the controller to apply the setting.


Daytime driving lamps*

If you wish, you can leave the light switch in position **3**.


Switch on the parking lamps if required as described under Parking lamps.

Automatic headlamp control

In switch position **1**, the low beams are automatically switched on or off depending on the ambient light, e.g. in a tunnel, at dawn/dusk in the rain or snow, and the Adaptive Head Light* is active. The LED next to the symbol is illuminated when the low beams are on.

 The low beams remain on independent of the ambient lighting conditions when you switch on the fog lamps.

With the daytime driving lamps activated, the low beams are always switched on whenever the ignition is switched on. ◀

 The automatic headlamp control cannot serve as a substitute for your personal judgment in determining when the lamps should be switched on in response to ambient lighting conditions. For example, the system

cannot detect fog. To avoid safety risks, you should always switch on the lamps manually under these conditions. ◀

Adaptive Head Light*

The concept

Adaptive Head Light is a variable headlamp control system that enables better illumination of the road surface. Depending on the steering angle and other parameters, the light from the headlamp follows the course of the road.

Activating Adaptive Head Light

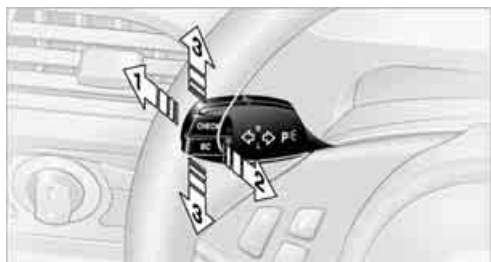
In switch position **1**, the Adaptive Head Light is active and the automatic headlamp control is switched on.

To avoid blinding oncoming traffic, the Adaptive Head Light is not active when driving in reverse and points toward the passenger side when the vehicle is stopped.

Malfunction

The LED next to the symbol for automatic headlamp control flashes. The Adaptive Head Light is malfunctioning or has failed. Have the system checked as soon as possible.

High beams/ roadside parking lamps



- 1 High beams
- 2 Headlamp flasher
- 3 Roadside parking lamps

Roadside parking lamps, left or right*

You also enjoy the option of lighting up just one side of your vehicle when parking. When using this function, comply with national regulations: After parking the vehicle, press the lever in the desired direction **3**, past the resistance point.



The roadside parking lamps drain the battery. Avoid using for longer periods; otherwise, it may not be possible to start the engine. ◀

High-beam assistant*

The concept

This system automatically switches the high beams on and off again. A sensor on the front of the interior rearview mirror controls the process. The assistant ensures that the high beams are switched on whenever the traffic situation allows. This reduces the strain on you while at the same time providing you with the best possible visibility. Of course, you can intervene at any time and switch the high beams on and off in the accustomed manner.

Activating high-beam assistant

1. Turn the light switch to switch position **1**, refer to page 96.
2. Press the turn signal lever in the high beam direction with the low beams switched on.



The indicator lamp in the instrument cluster lights up when the high-beam assistant is activated. The assistant automatically switches between high and low beams, reacting to oncoming traffic and traffic

ahead and to well-lit areas such as towns and cities.

Manually switching between high and low beams

You can intervene at any time if you wish or the situation requires.

- ▷ If the high-beam assistant has switched on the high beams, but you want to use the low beams, simply switch to the low beams with the turn signal lever. This also deactivates the high-beam assistant.


To reactivate the system, briefly press the turn signal lever in the high beam direction again.

- ▷ If the high-beam assistant has switched on the low beams, but you want to use the high beams, switch to the high beams in the accustomed manner. The system is deactivated in the process and you must switch to the low beams manually.

To reactivate the system, briefly press the turn signal lever in the high beam direction again.

- ▷ You use the headlamp flasher in the usual way when the low beams are on.

System limits

 The high-beam assistant cannot replace personal decisions about the benefits of using high beams. In situations that require them, you should switch to the low beams manually to avoid a safety risk. ◀


In the following sample situations, the system either does not function or functions only in a limited way and a personal reaction may be required:

- ▷ Under extremely unfavorable weather conditions, such as heavy fog or precipitation
- ▷ To make out poorly-lit road users such as pedestrians, cyclists, people on horseback, horse-drawn vehicles, train or ship traffic close to the road and wild animals crossing the road


- ▷ In tight curves, on steep hilltops or in depressions, with cross traffic or partially concealed oncoming traffic on the freeway
- ▷ In poorly lit places and with highly reflective signs
- ▷ In the low speed range
- ▷ When the windshield is fogged up, dirty or covered with stickers, decals, etc. in the area of the interior rearview mirror
- ▷ When the sensor is dirty. Clean the sensor on the front side of the interior rearview mirror with a cloth moistened with a small amount of glass cleaner.

Front fog lamps



 The parking lamps or low beams must be switched on for the fog lamps to operate. The green indicator lamp in the instrument cluster lights up when the fog lamps are switched on.

The fog lamps are switched off whenever the high beams are switched on.

 If the automatic headlamp control is activated, the low beams will come on automatically when you switch on the fog lamps. ◀

Instrument lighting

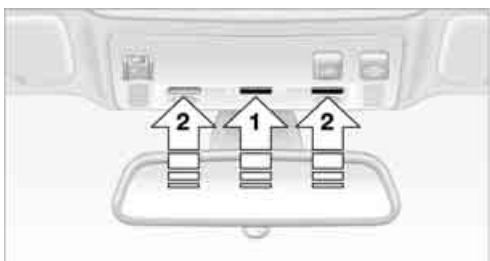


The lighting intensity can be adjusted with the knurled wheel.



To protect the battery, all lamps in the vehicle are switched off approx. 15 minutes after radio readiness is switched off, refer to Start/Stop button on page 58. ◀

Interior lamps



Control of the interior lamps, footwell lamps, door entry lighting, courtesy lamps* and sill panel lighting* is automatic.

Switching the interior lamps on and off manually

Press button **1**.

If you want the interior lamps to remain off continuously, maintain pressure on the button for approx. 3 seconds.

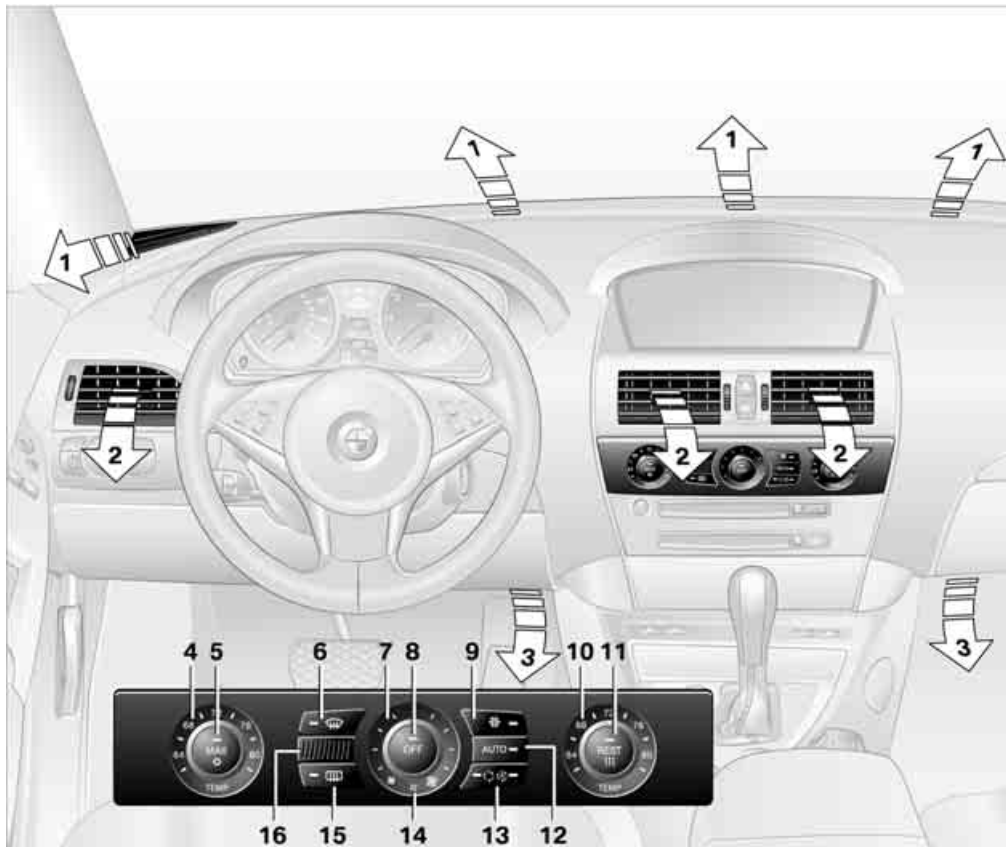
To revert to normal operation, briefly press the button.

Reading lamps

The reading lamps are beside the interior lamp: You can turn them on and off using the buttons **2** located next to the lamps.

Climate

Automatic climate control



- | | |
|---|--|
| <p>1 Airflow directed toward the windshield and side windows</p> <p>2 Air for the upper body area, refer to Ventilation on page 103</p> <p>3 Air to footwell</p> <p>4 Temperature, left side of passenger compartment</p> <p>5 Maximum cooling</p> <p>6 Defrosting windows and removing condensation</p> <p>7 Air volume, manual</p> <p>8 Switching off automatic climate control</p> | <p>9 Switching cooling function on and off manually</p> <p>10 Temperature, right side of passenger compartment</p> <p>11 Residual heat mode</p> <p>12 AUTO program</p> <p>13 AUC automatic recirculated-air control/ recirculated air mode</p> <p>14 LED for parked car ventilation</p> <p>15 Rear window defroster</p> <p>16 Air grill for interior temperature sensor – please keep clear and unobstructed</p> |
|---|--|

The current setting for air distribution is displayed on the Control Display.


A congenial climate

The AUTO program offers the optimum air distribution and air volume for virtually all conditions, refer to AUTO program below. Now you only need to select an interior temperature that you find pleasant.

The following sections contain more detailed information on the available setting options.

Most settings are stored for the remote control currently in use, also refer to Personal Profile settings on page 29.

AUTO program

 The AUTO program handles the adjustment of air distribution to the windshield and side windows, in the direction of the upper body, and in the footwell, as well as the adjustment of the air volume. It also adapts your instructions for the temperature to outside influences throughout the year.

The cooling is switched on automatically with the AUTO program. At the same time, a condensation sensor controls the program in such a way that window condensation is prevented as much as possible.

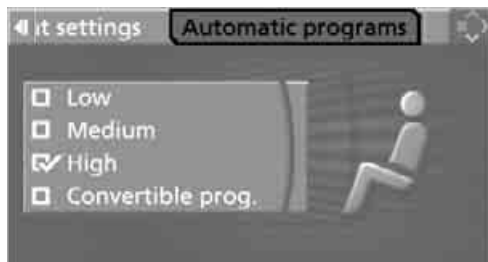
Intensity of the AUTO program

To meet your individual needs, you can increase or decrease the intensity of the automatic climate control.


iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller to the left to open "Climate".

3. Select "Automatic programs" and press the controller.




4. Select the desired intensity and press the controller.

 The marked intensity of the automatic program is switched on.

Convertible program

When the convertible top is opened, the convertible program can also be selected. In the convertible program, the automatic climate control is optimized for driving with the convertible top open. In addition, the air supply is increased as the speed increases.

If the convertible program has been selected, it is automatically active every time the top is opened.


 The effect of the convertible program can be greatly enhanced if the wind deflector is installed. ◀

Temperature



Set the desired temperature individually on the driver's and front passenger side.

The automatic climate control achieves this temperature as quickly as possible at any time of year, if necessary with the maximum cooling or heating capacity, and then keeps it constant.

 When switching between different temperature settings in rapid succession, the automatic climate control does not have sufficient time to achieve the set temperature. ◀

Adapting temperature in upper body region

1. Open the start menu.
2. Open "Climate".
3. Select "Vent settings" and press the controller.
4. Select the field by moving the controller and adjust the air distribution by turning the controller.



Defrosting windows and removing condensation



Quickly remove ice and condensation from the windshield and front side windows.

Rear window defroster



The rear window defroster switches off automatically after a certain amount of time.

Convertible: the rear window defroster is only activated when the rear window is closed.

Air volume, manual



You can adjust the air volume by turning. You can reactivate the automatic mode for the air volume with the AUTO button.

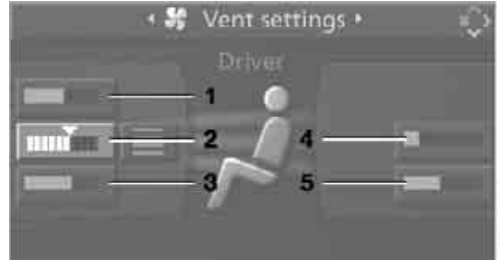
Manual air distribution

You can specify the air distribution.

1. Open the start menu.
2. Open "Climate".
3. Select "Vent settings" and press the controller.
The driver's and front passenger side can

be adjusted separately with the fields on the right or left side.

4. Select the driver's or front passenger side if necessary.
Move the controller to the right or left repeatedly until the driver's side or front passenger side is selected.
5. Select the desired field by moving the controller.
6. Turn the controller to adjust the air distribution.




Driver's side:

- 1 Airflow directed toward the windshield and side windows
- 2 Airflow for the upper body
- 3 Air to footwell

Front passenger side:

- 4 Airflow for the upper body
- 5 Air to footwell

 Pressing the AUTO button raises and lowers the air distribution settings on the Control Display. ◀

Switching the cooling function on and off



The cooling function cools and dehumidifies the incoming air before reheating it as needed according to the temperature setting. Depending on the weather, the windshield may fog over briefly when the engine is started.

The cooling function is switched on automatically with the AUTO program. The passenger compartment can only be cooled with the engine running.

Maximum cooling



Maximally cooled air is obtained as quickly as possible from an outside temperature above 32 °F / 0 °C and with the engine running.

The automatic climate control changes over to the lowest temperature and switches into the recirculated-air mode. The maximum air quantity only flows out of the vents for the upper body. It is therefore necessary for these vents to be open for maximum cooling.

AUC Automatic recirculated-air control/recirculated-air mode



You can respond to unpleasant odors or pollutants in the immediate environment by temporarily suspending the supply of outside air. The system then recirculates the air currently within the vehicle. In AUC mode, a sensor detects pollutants in the outside air and controls the shut-off automatically.

Press the button repeatedly to run through the following control sequence:

- ▶ LED off: outside air flows into the vehicle continuously.
- ▶ Right LED on, AUC mode: the system detects pollutants in the outside air and responds by blocking the supply of outside air when required.
- ▶ Left LED on, recirculated-air mode: the supply of outside air into the vehicle is shut off continuously.

! If condensation starts to form on the inside window surfaces during operation in the recirculated-air mode, you should switch it off while also increasing the air volume as required.

The recirculated-air mode should not be used over a longer period of time, as the air quality inside the vehicle deteriorates continuously. ◀

Residual heat



The heat stored in the engine is used to heat the passenger compartment, e.g. while stopped at a school to pick up a child.

The function can be switched on when the following conditions are met:

- ▶ up to 15 minutes after switching off the engine
- ▶ engine at operating temperature
- ▶ sufficient battery voltage
- ▶ outside temperature below 77 °F / 25 °C

The LED lights up when the function is switched on.

With the ignition switch at radio readiness or higher the interior temperature, the air volume and the air distribution can be set.

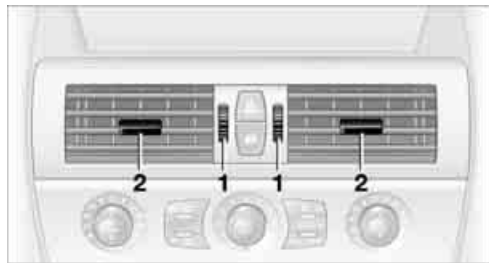
Switching off automatic climate control



The air volume, the heater and the cooling function are all switched off.

You can restart the automatic climate control by pressing any of its buttons except the REST button.

Ventilation



- 1 Knurled wheels for smoothly opening and closing air vents
- 2 Levers for changing the airflow direction

! Do not drop any foreign objects into the vent outlets; otherwise, they could be catapulted outwards and cause injuries. ◀

Ventilation for cooling

Adjust the vent outlets to direct the flow of cool air in your direction, for instance, if the interior has become too warm, etc.

Draft-free ventilation

Set the vent outlets so that the air flows past you and is not directed straight at you.

Microfilter/activated-charcoal filter

The microfilter removes dust and pollen from the incoming air. The activated-charcoal filter provides additional protection by filtering gaseous pollutants from the outside air. Your BMW center replaces this combined filter as a standard part of your scheduled maintenance. You can have more detailed information shown on the Control Display, refer to page 77.

Parked car ventilation

The concept

The parked car ventilation blows air into the passenger compartment to lower interior temperatures.

It is ready to use in the parked-car mode at any outside temperature.

You can set two different times for the system to start. The parked car ventilation can also be switched on and off directly. It remains switched on for 30 minutes.

Since the system uses a substantial amount of electrical current, you should refrain from activating it twice in succession without allowing the battery to be recharged in normal operation between uses.

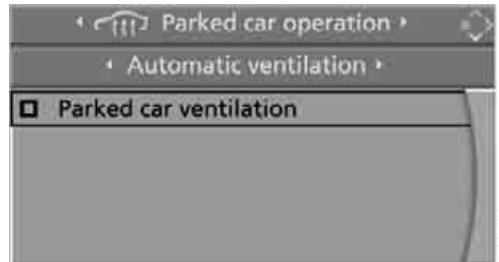
The air emerges through the upper body region vent outlets in the instrument panel. These vent outlets must be open for the system to operate.


The parked car ventilation system is operated via iDrive.


Switching on and off directly

iDrive, for principle details, refer to page 16.

1. Open the start menu.
2. Move the controller to the left to open "Climate".
3. Select "Parked car operation" and press the controller.
4. Select "Automatic ventilation" and press the controller.
5. Select "Parked car ventilation" and press the controller.



 The parked car ventilation is switched on.

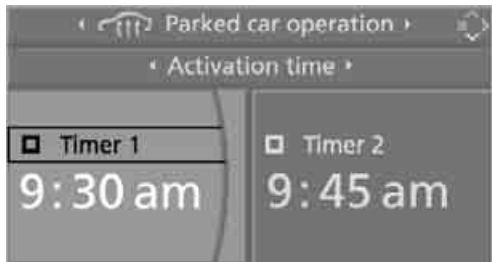
 The symbol on the display of the automatic climate control flashes.

Preselecting activation times

iDrive, for principle details, refer to page 16.

1. Open the start menu.
2. Move the controller to the left to open "Climate".
3. Select "Parked car operation" and press the controller.
4. Select "Activation time" and press the controller.

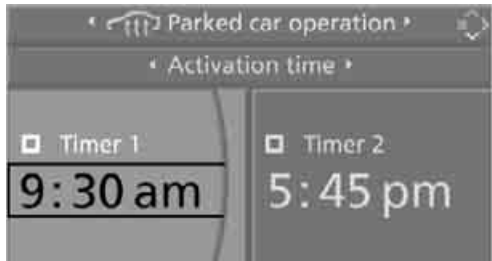
5. Move the controller to the left or right to select "Timer 1" or "Timer 2".



⚙️ The symbol on the display of the automatic climate control flashes when the parked car ventilation has switched on.

▶ The parked car ventilation is only available for activation within the subsequent 24 hours. After that, the time must be reactivated. ◀

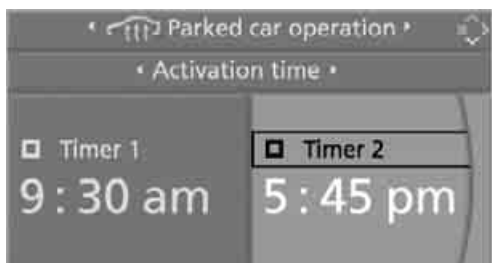
6. Select the time and press the controller. The first time setting is highlighted.



7. Turn the controller to make the adjustment.
8. Press the controller to apply the setting. The next adjustment is highlighted.
9. Make the remaining adjustments. After the last adjustment, the time is stored.

Activating timer

Move the controller to the left or right to select "Timer 1" or "Timer 2" and then press the controller.



✔ The switch-on time is activated.

⚙️ The symbol on the display of the automatic climate control lights up.

Practical interior accessories


Integrated universal remote control*

The concept


The integrated universal remote control replaces up to three different hand-held transmitters for various items of radio-controlled equipment such as door openers and house alarm systems. The integrated universal remote control registers and stores signals from the original hand-held transmitters.


The signal of an original hand-held transmitter can be programmed on one of the three memory buttons **1**. Then with the ignition switched on, this programmed memory button **1** can be used to operate the respective feature. The LED **2** flashes to confirm transmission of the signal.

If you sell your vehicle one day, delete the saved programs beforehand for your own security, refer to page [107](#).

 To prevent possible damage or injury, before programming or using the integrated universal remote control, always inspect the immediate area to make certain that no people, animals or objects are within the travel range of the device. Also, comply with the safety precautions of the original hand-held transmitter. ◀

Checking compatibility

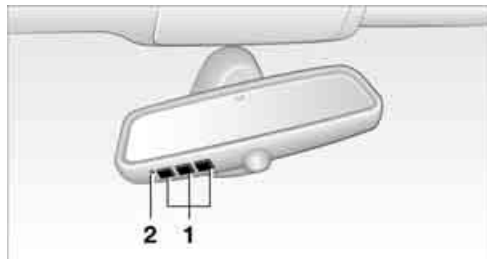
 If you see this symbol on the packaging or in the manual supplied with the original hand-held transmitter, it is safe to assume that it is compatible with the integrated universal remote control.

 If you have additional questions, please contact your BMW center or call: 1-800-355-3515.

Information is also provided on the Internet at: www.bmwusa.com or www.homelink.com.

HomeLink is a registered trademark of Johnson Controls, Inc. ◀


Programming



- 1** Memory buttons
- 2** LED

Fixed-code hand-held transmitters


1. Switch on ignition, refer to page [58](#).
2. When using for the first time: Press both outer memory buttons **1** for approx. 20 seconds until the LED **2** flashes. All stored programs are deleted.
3. Hold the original hand-held transmitter at a distance of approx. 2 in/5 cm to 8 in/20 cm from the memory buttons **1**.

 The required distance between the hand-held transmitter and the memory buttons **1** depends on the particular system of the original hand-held transmitter used. ◀

4. Simultaneously press the transmit key on the original hand-held transmitter and the desired memory button **1** on the integrated universal remote control. The LED **2** flashes slowly at first. As soon as the LED **2** flashes rapidly, release both buttons. If the LED **2** does not flash rapidly after approx. 15 seconds, alter the distance.
5. To program other original hand-held transmitters, repeat steps 3 and 4.

The corresponding memory button **1** is now programmed with the signal of the original hand-held transmitter.


You can operate the system when the engine is running or when the ignition is switched on.

 If the device can not be used after repeated programming, check whether the original hand-held transmitter uses an alternating-code system. To do so, either read the instructions for the original hand-held transmitter or hold down the programmed memory button **1** of the integrated universal remote control. If the LED **2** on the integrated universal remote control flashes rapidly for a short time and then remains lit for approx. 2 seconds, this indicates that the original hand-held transmitter uses an alternating-code system. In the case of an alternating-code system, program the memory buttons **1** as described at Alternating-code transmitters. ◀

Alternating-code hand-held transmitters

To program the integrated universal remote control, consult the operating instructions for the equipment to be set. You will find information there on the possibilities for synchronization.

When programming hand-held transmitters that employ an alternating code, please observe the following supplementary instructions:

 Programming will be easier with the aid of a second person. ◀

1. Park your vehicle within the range of the remote-controlled equipment.
2. Program the integrated universal remote control as described above in Fixed-code hand-held transmitters.
3. Locate the button on the receiver of the device to be set, e.g. on the drive unit.
4. Press the button on the receiver of the equipment to be set. After step 4, you have approx. 30 seconds for step 5.
5. Press the programmed memory button **1** of the integrated universal remote control three times.

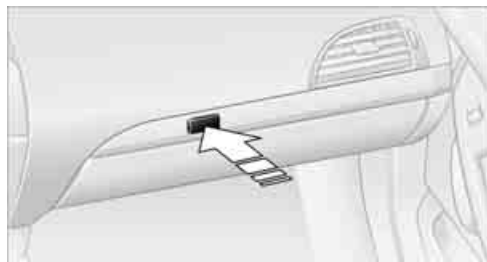
The corresponding memory button **1** is now programmed with the signal of the original hand-held transmitter.

Deleting stored programs

Press both outer buttons **1** for approx. 20 seconds, maintaining pressure until the LED **2** starts to flash: all stored programs are deleted. Programs cannot be deleted individually.

Glove compartment


Opening



Press the button. The glove compartment opens automatically and the lamps come on.

Closing

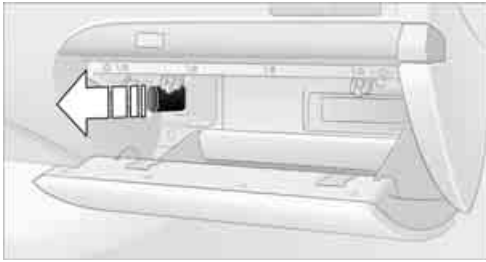
Fold the cover up.

 To prevent injury in the event of an accident while the vehicle is being driven, close the glove compartment immediately after use. ◀

Rechargeable flashlight*

The flashlight is located on the left side of the glove compartment. The flashlight can remain there continuously.

Remove the flashlight from the socket when needed.



⚠ Be sure that the flashlight is switched off when it is inserted into its socket. Failure to comply with this precaution could lead to overcharging and damage. ◀

Center armrest



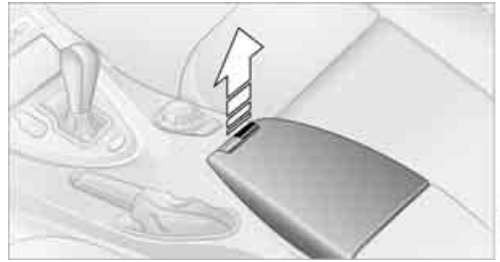
A storage compartment is located in the armrest between the front seats. This compartment is integrated into the central locking system and can also be locked separately using the hotel function, refer to page 33.

To open the cover:
Pull the left button. The cover opens and can be folded upward.

Depending on the version, the storage compartment can be equipped with a corresponding cradle* for the telephone or mobile phone.

Adjusting height

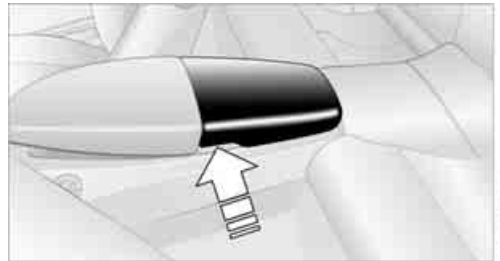
The center armrest can be set in two positions.



Pull the right button:
Move the armrest upward or downward and lock it in the desired position.

Storage compartments

Storage compartment behind center armrest



To open, raise the cover at the left or right edge. The compartment contains the cup holder and the lock for the hotel function, refer to page 33.

Other compartments and nets

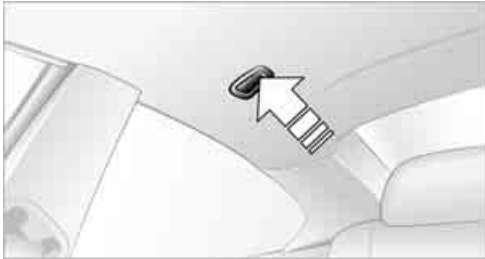
Other compartments are provided in the doors as well as in the front center console*.

Ticket pockets are located in the sun visors. Storage nets are located on the backrests of the front seats and in the passenger footwell*.

⚠ To prevent the risk of injury during an accident, do not stow hard or sharp-edged items in the nets. ◀

Another storage space is located in the luggage compartment in the right side panel. If you wish, this is also suitable to store the onboard documentation.

Coupe: clothes hooks



To fold down, press at the top edge.

⚠ When hanging clothing on the hooks, ensure that it will not obstruct the driver's vision. Do not hang heavy objects on the hooks. If you do so, they could cause personal injury to occupants during braking or evasive maneuvers. ◀

Cup holders



The compartment of the rear center console contains a built-in cup holder and a removable one.



The removable cup holder can be inserted into the side of the center console.

⚠ Do not place glass containers in the cup holders. This would increase the risk of injury in the event of an accident. ◀

Ashtray

Opening

Press the trim strip of the cover.

Emptying



Press the opened cover beyond the resistance point, refer to arrow: the ashtray lifts up for removal.

Cigarette lighter



Press in the lighter with the engine running or the ignition switched on.

The lighter can be removed as soon as it pops back out.

⚠ Hold or touch the hot cigarette lighter by the knob only. Holding or touching it in other areas could result in burns. Always take along the remote control when you leave the vehicle; otherwise, children could, for example, use the lighter and burn themselves. ◀

Connecting electrical devices

Socket

With the engine running or the ignition switched on, the cigarette lighter socket can be used as a power outlet for hand flashlights, car vacuum cleaners, etc., with power ratings of up to approx. 200 W at 12 V. Avoid damaging the socket by inserting plugs of different shapes or sizes.

In front passenger footwell



Access to the socket:
Fold open the cover.

Ski bag*

It permits safe and clean transport of up to two pairs of standard skies or one snowboard.

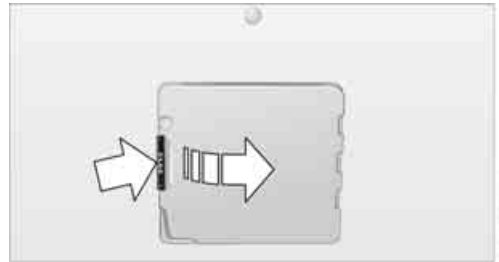
You can use the ski bag to stow skis up to 6.9 ft/ 2.10 m long.

Loading

1. Press the button downward and pull the filler element forward.



2. Extend the ski bag between the front seats. The zipper gives you easy access to stowed items and facilitates drying of the ski bag.
3. Press the button in the luggage compartment.

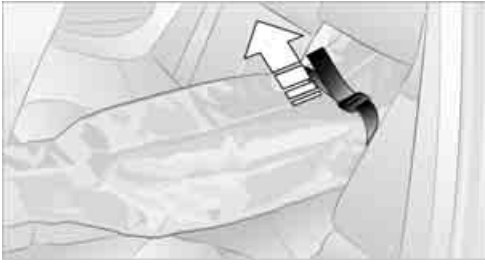


4. Open the loading flap and use the magnetic holder to secure it to the rear panel.

To stow the ski bag, perform the above steps in reverse order.

Make sure to load only clean skis into the ski bag. Wrap sharp edges so that no damage occurs.

Securing cargo



After loading, secure the ski bag and its contents. To do so, tighten the retaining belt at the buckle.



Secure the ski bag in this way. If you fail to do so, it could move around and endanger occupants during braking or evasive maneuvers.

To refit the filler element, insert the two tabs at the bottom into the strip and press the filler element back into place. Make sure that you do not damage the rear seat upholstery. ◀



Driving tips

This section is designed to provide you with extra support by supplying information useful in dealing with specific driving and operating conditions.

Things to remember when driving

Breaking-in

Moving parts need time to adjust to one another. To ensure that your vehicle continues to provide optimized economy of operation throughout an extended service life, we request that you devote careful attention to the following section.

Engine and differential

Always obey all official speed limits.

Up to 1,200 miles/2,000 km

Drive at changing engine and driving speeds, however do not exceed 4,500 rpm or 100 mph/160 km/h.

Avoid full-throttle operation and use of the transmission's kick-down mode during these initial miles.

From 1,200 miles/2,000 km

The engine and vehicle speed can gradually be increased.

SMG Sequential Manual Gearbox

Do not use the acceleration assistant during the break-in period, refer to page 64.

Tires

Due to technical factors associated with their manufacture, tires do not achieve their full traction potential until after an initial break-in period. It is therefore important to drive reservedly during the first 200 miles/300 km.

Brake system

Brakes require an initial break-in period of approx. 300 miles/500 km to achieve optimized contact and wear patterns between brake pads and rotors. Drive in a reserved manner during this break-in period.

Clutch


The function of the clutch is only at its optimized level after a distance driven of approx. 300 miles/500 km. During this break-in period, engage the clutch gently.

Following part replacement

Observe the break-in instructions again if components mentioned above must be replaced after subsequent driving operation.

General driving notes


Closing luggage compartment lid

 Only drive with the luggage compartment lid completely closed, otherwise exhaust can penetrate into the passenger compartment. ◀


If special circumstances should make it absolutely necessary to operate the vehicle with the luggage compartment lid open:

1. Coupe: close both windows and the glass sunroof.
Convertible: with closed top, close all windows.
2. Increase the air volume of the automatic climate control to a high level, refer to page 102.


Hot exhaust system

 As in all vehicles, extremely high temperatures are generated in the exhaust system. Do not remove the heat shields installed adjacent to it, and never apply undercoating to them. When driving, standing at idle and while parking, take care to avoid possible contact between the hot exhaust system and any highly flammable materials such as hay, leaves, grass, etc. Such contact could lead to a fire, and with it the risk of serious property damage as well as personal injury. ◀

Mobile communications devices in vehicle


 BMW advises against using mobile communications devices, e.g. mobile phones, inside the vehicle without a direct connection to an external antenna. Otherwise, the vehicle electronics and mobile communications device can interfere with one another. In addition, there is no assurance that the radiation emitted during transmission will be conveyed out of the vehicle interior. ◀

Hydroplaning


 When driving on wet or slushy roads, reduce road speed. If you do not, a wedge of water can form between tires and road surface. This phenomenon is referred to as hydroplaning, and is characterized by a partial or complete loss of contact between the tires and the road surface, ultimately undermining your ability to steer and brake the vehicle. ◀

The risk of hydroplaning increases as the tread depth of the tires decreases, also refer to Minimum tire tread on page 187.


Driving through water

 Do not drive through water on the road if it is deeper than 1 ft/30 cm, and then only at walking speed at the most. Otherwise, the vehicle's engine, electrical systems and transmission may be damaged. ◀

Using handbrake on inclines

 On inclines, do not hold the vehicle with the clutch; use the handbrake. Otherwise greater clutch wear will result. ◀


SMG Sequential Manual Gearbox

 Start off quickly on slopes. Do not hold the vehicle on a hill by applying the throttle, but engage the handbrake instead. Otherwise overheating can occur in the transmission region. ◀

Starting assistant

The starting assistant enables you to start off conveniently on slopes. The parking brake is not required for this purpose.


1. Hold the vehicle with the footbrake.
2. Release the footbrake and immediately drive off quickly.

 The starting assistant holds the vehicle for approx. 2 seconds after releasing the footbrake. Depending on the load, the vehicle may also roll back slightly during this time. After releasing the footbrake, immediately start quickly; otherwise, the starting assistant no longer holds the vehicle after approx. 2 seconds and it begins to roll back. ◀

Braking safely

Your BMW is equipped with ABS as a standard feature. In situations that require it, it is best to brake with full force. Since the vehicle maintains steering responsiveness, you can still avoid possible obstacles with a minimum of steering effort.


Pulsation at the brake pedal combines with sounds from the hydraulic circuits to indicate to the driver that ABS is in its active mode.

 Do not drive with your foot resting on the brake pedal. Even light but consistent pedal pressure can lead to high temperatures, brake wear and possibly even brake failure. ◀

Driving in wet conditions

When driving on wet roads or in heavy rain, it is a good idea to apply light pressure to the brake pedal every few miles. Monitor traffic conditions to ensure that this maneuver does not endanger other road users. The heat generated in this process helps dry the pads and rotors to ensure that full braking efficiency will then be available when you need it.

Hills

 To prevent overheating and thus reduced efficiency of the brake system, downshift to a gear in which only minimal brake applications are needed when descending long or

steep downhill stretches. Even light but consistent pedal pressure can lead to high temperatures, brake wear and possibly even brake failure. ◀

The braking action of the engine can be further increased by downshifting in the manual mode of the automatic transmission, possibly as far as first gear, refer to page 63. This prevents an excessive load on the brakes.

⚠ Do not drive with the clutch depressed, in idle or with the engine switched off; otherwise, there will be no engine braking action or power-assisted braking and steering. Never allow floor mats, carpets or any other objects to protrude into the area of movement of the pedals and impair their operation. ◀

Corrosion on brake rotors

When the vehicle is driven only occasionally, during extended periods when the vehicle is not used at all, and in operating conditions where brake applications are less frequent, there is an increased tendency for corrosion to form on rotors, while contaminants accumulate on the brake pads. This occurs because the minimum pressure which must be exerted by the pads during brake applications to clean the rotors is not reached.

Should corrosion form on the brake rotors, the brakes will tend to respond with a pulsating effect that even extended application will fail to cure.

When vehicle is parked

Condensation forms in the automatic climate control during operation, and then exits under the vehicle. Traces of condensed water under the vehicle are therefore normal.

Before driving into a car wash

To prevent the exterior mirrors on this vehicle from being damaged, always fold them in by hand before entering an automatic car wash.

With comfort access and automatic transmission

Insert the remote control into the ignition lock. The engine can be switched off in the selector lever position N. Also refer to page 37.

Cargo loading

⚠ To avoid loading the tires beyond their approved carrying capacity, never overload the vehicle. Overloading can lead to overheating and increases the rate at which damage develops inside the tires. The ultimate result can assume the form of a sudden blow-out. ◀

Determining loading limit



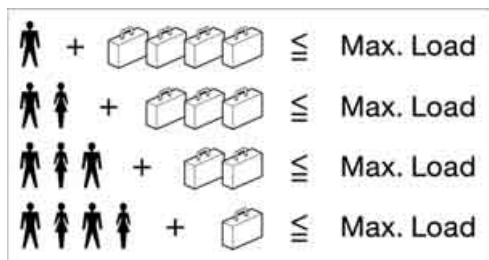
1. Locate the following statement on your vehicle's placard*:

⚠ The combined weight of occupants and cargo should never exceed XXX lbs. or YYY kg, otherwise the vehicle may be damaged and unstable driving conditions may result. ◀

2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
3. Subtract the combined weight of the driver and passengers from XXX lbs. or YYY kg.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the XXX amount equals 800 lbs. and there will be four 150-lb. passengers in your vehicle, the amount of available cargo and luggage load capacity is 200 lbs.:
800 lbs. minus 600 lbs. = 200 lbs.

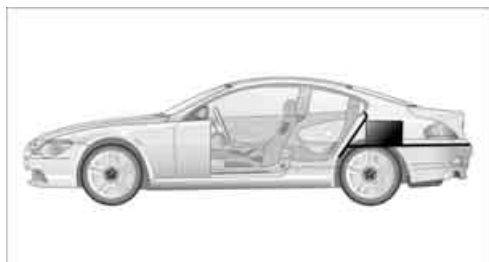
5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in step 4.
6. If your vehicle will be towing a trailer, part of the load from your trailer will be transferred to your vehicle. Consult the manual for transporting a trailer to determine how this may reduce the available cargo and luggage load capacity of your vehicle.

Load



The permissible load is the total of the weight of occupants and cargo/luggage. The greater the weight of occupants, the less cargo/luggage can be transported.

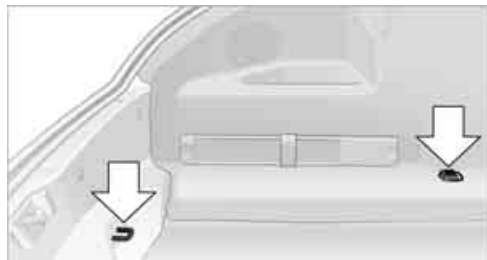
Stowing cargo



- ▷ Load heavy cargo as far forward and as low as possible, placing it directly behind the bulkhead behind the rear seats.
- ▷ Cover sharp edges and corners.

Securing cargo

- ▷ Use the luggage net* or securing straps to hold down small and lightweight luggage and cargo.



- ▷ Heavy-duty cargo straps* for securing larger and heavier objects are available at your BMW center. Four lashing eyes mounted in the luggage compartment are used to secure these heavy-duty cargo straps, refer to arrows.
- ▷ Please observe the special instructions supplied with the heavy-duty cargo straps.

! Always position and secure the load as described above. If you do not, it can endanger the passengers during braking or evasive maneuvers. When fastening lashings, use only the lashing eyes, refer to illustration; otherwise, the lashings could come loose or you could damage the vehicle.

Never exceed the approved gross vehicle weight or either of the approved axle loads, refer to page 210, as excessive loads can pose a safety hazard, and may also put you in violation of freeway safety laws.

You should never transport heavy or hard objects unsecured in the passenger compartment, as they could fly around and pose a safety hazard to the vehicle's occupants during abrupt braking or evasive maneuvers. ◀

Pad on bottom of luggage compartment

You can use the pad as needed, for example to transport soiled objects. The rubberized side is washable and has an anti-skid effect.





Navigation

This chapter describes how you can enter destinations and specify your route so that your navigation system guides you reliably to your destination.

Starting navigation system*

Your navigation system can use satellites to ascertain the precise position of your vehicle and guide you reliably to any destination you enter.

Navigation DVD


The navigation system requires a special navigation DVD. You can obtain the latest version at your BMW center.

Inserting navigation DVD



1. Insert the navigation DVD with the labeled side up.
2. Wait several seconds for the system to scan the data from the DVD.

Removing navigation DVD

1. Press  button **1**.
The DVD emerges slightly from the drive.
2. Remove the DVD.

If the DVD is not ejected from the drive, it is possible that it is jammed. A message appears on the Control Display.

Display in the assistance window

You can display the route or the current position in the assistance window. This display remains visible even if you switch to another application.

1. Move the controller to the right to enter the assistance window.



2. Press the controller.
Other menu items are displayed.
3. Select the desired route view or "Current position".



4. Press the controller.

The contents of the assistance window are continually updated as you drive.


Destination entry

In entering your destination you can select from among the following options:

- ▷ Entering a destination manually, see below
- ▷ Entering destination via voice*, refer to page 124
- ▷ Selecting destination using information, refer to page 126
- ▷ Selecting destination from a list, refer to Destination list, page 127
- ▷ Selecting destination from address book, refer to page 128
- ▷ Selecting home address, refer to page 130

After selecting your destination you can proceed to start the destination guidance, refer to page 132.

Operating navigation system

 Enter data only when the vehicle is stationary, and always obey the traffic regulations and road signs in the event of any contradiction between traffic and road conditions and the instructions issued by the navigation system. If you do not observe this precaution, you may be in violation of the law, and can endanger vehicle occupants and other road users. ◀

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller to the right to open "Navigation".



3. Select "Navigation" and press the controller.



Entering a destination manually

The system's word-matching principle makes it easier for you to enter the names of streets or towns, refer to page 131. This allows you to enter different spellings and completes your entry automatically so that stored names can be called up quickly.

1. Change to upper field if necessary. Turn the controller until "Navigation" is selected and press the controller.
"New destination" is selected.
2. Press the controller.



3. Change to the second field from the top if necessary. Turn the controller until "Enter address" is selected and press the controller.



The system also assists you with the following features:

- ▷ If you do not enter a street, the system will guide you to the downtown area of a town or city.
- ▷ You can skip the entry of country and town/city if the current entries are being retained for your new destination.

Selecting country

1. Select "State / Province" or the displayed country and press the controller. A list of available countries appears on the display.

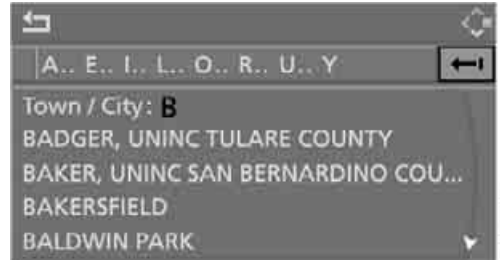


2. Select the country of destination and press the controller.

In order to be able to start the destination guidance, at least the town/city of the destination or its zip code must be entered.

Entering destination via town/city name

1. Select "Town / City" or the displayed town/city and press the controller.
2. Select the first letter and press the controller. A list of all towns/cities starting with this letter appears on the Control Display.
3. To delete the letter entered if necessary:

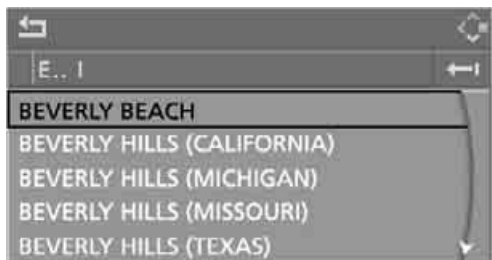


- ▷ To delete individual numbers or letters: Move the controller to the right to select **←|** and press the controller.
 - ▷ To delete all digits or letters: Move the controller to the right to select **←|** and press the controller, holding it down.
4. Enter additional letters if necessary. The list gradually grows smaller each time you enter a new letter.
 - ▷ Enter blank space if necessary: Select the **_** symbol and press the controller.



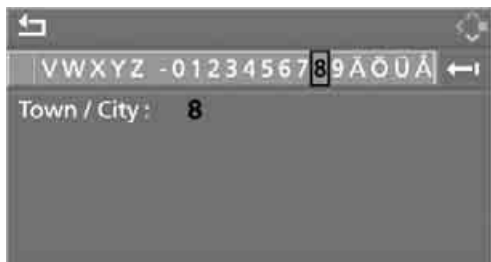
5. Change to the third field from the top if necessary. Turn the controller until the town or



city name is selected from the list and press the controller.



Entering town/city of destination via zip code

1. Select "Town / City" and press the controller.
2. Input the zip code:
Select the individual digits and press the controller.



- ▶ Enter blank space if necessary:
Select the _ symbol and press the controller.
 - ▶ To delete individual digits or letters:
Move the controller to the right to select  and press the controller.
 - ▶ To delete all digits or letters:
Move the controller to the right to select  and press the controller, holding it down.
3. Select the zip code and press the controller.
The corresponding town/city of destination is displayed.
 4. Change into the third field from the top.
Turn the controller until the destination is selected and press the controller.

Entering street, house number and intersection

After the street you can also enter the intersection or the house number.

Entering street and intersection

1. Select "Street" or the displayed street and press the controller.
2. Enter the street.
The street is entered in exactly the same way as the destination town/city.




The intersection is entered in the same way as the street.

Entering a street without entering destination

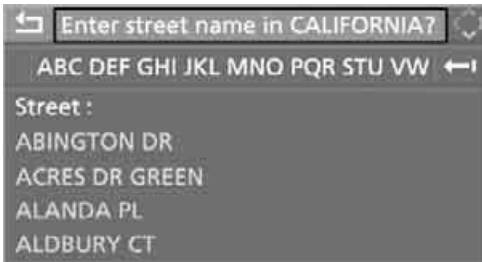
You can also enter a street without entering a destination. In this case all streets of the entered country are offered for selection. The related town/city is displayed after the street name.

If a town/city has already been entered, you can undo this entry. This may be practical if the desired street does not exist in the entered destination, because, for example, it belongs to another part of the town/city.

1. Change to upper field.
 The arrow is selected.



2. Turn the controller to the right until the request for the entry of a street in the country appears and press the controller.

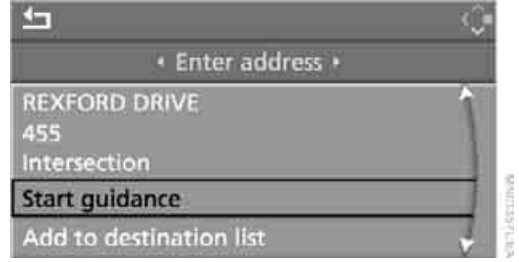


3. Change to the second field from the top and enter the street.

Entering house number

1. Select "House number" and press the controller.
2. Enter the house number:
 Select the individual digits and press the controller.
3. Change into the third field from the top.
 Turn the controller until the house number is selected and press the controller.
 Only house numbers stored for the street on the navigation DVD can be entered.


Starting destination guidance with manual destination entry




- Select "Start guidance" and press the controller.
 Destination guidance starts immediately.
 If destination guidance is not to be started immediately:
 Select "Add to destination list" and press the controller.
 The destination is stored in the destination list, refer to page 127.

Entering destination via voice*

In conjunction with the Professional navigation system, you can enter the desired destination via the voice input system. When entering the destination, it is possible to change between speech input and iDrive at any time. Reactivate the speech input function for this purpose if necessary.


 With ›Options‹ you can have the system read aloud the possible commands. ◀

1. Press the  button on the steering wheel or in the center console.

 2. ›Enter address‹



Selecting country

 Say country of destination.

Say the country of destination in the language of the voice command system.


Entering destination

To enter the destination, spell it using the customary spelling of the destination country. Say the letters smoothly and at normal volume, avoiding excessive emphasis and pauses.

1. Spell town/city name:
Say at least the first three letters of the destination. The more letters you say, the more exactly the system recognizes the town/city.

The system can suggest up to 20 destinations that match your entries. Up to 6 entries are displayed at once on the Control Display.



 A destination is suggested by the system.

2. Selecting location:
Select ›Yes‹
or
Other town/city:
›No‹
Select entry, e.g. ›Entry 3‹
The following options are available:
›Next page‹: additional entries of the list are displayed.
›Repeat‹: the town/city can be respelled.


You can also select the town/city from the list via iDrive:

Turn the controller until the destination is selected and press the controller.

Entering street and house number


The street is entered in the same way as the destination.

To enter the house number:

 Say the house number.

Up to 4-digit house numbers can be entered.


Starting destination guidance

 ›Start guidance‹

Destination guidance starts immediately.

Saving destination

The destination is added to the destination list or can be stored in the address book.

 ›Add to destination list‹ or
›add to address book‹

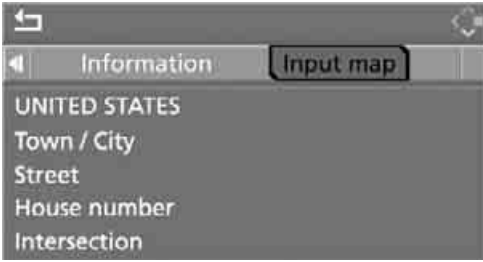
Map-guided destination selection

If you only know the location of the town or street of the destination, then it is possible to input the destination by using a map. You can use the cursor to limit the destination in the map and then apply it into the destination guidance.

1. Select "Navigation" and press the controller.
"New destination" is selected.
2. Press the controller.



3. Select "Input map" and press the controller.



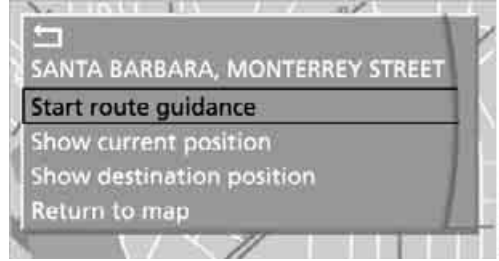
A section of a map is displayed on the Control Display:

- ▷ During destination guidance, centered around the current destination
- ▷ With the destination guidance deactivated, centered around the last destination entered



4. Turn the controller to change the scale. Move the controller in the desired direction to move the map. The controller can be moved to the left, right, forward, backward and also diagonally.
5. Press the controller to accept or store the destination in the destination guidance system. The selected town/city of destination and other menu items are displayed.
6. Select the desired menu item:
 - ▷ "Start route guidance" starts destination guidance.
 - ▷ "Show current position" places the current position in the center of the map.

- ▷ "Show destination position" places the current destination in the center of the map.
- ▷ "Return to map" changes back to the "Input map".
- ▷ Exit the menu.



7. Press the controller.

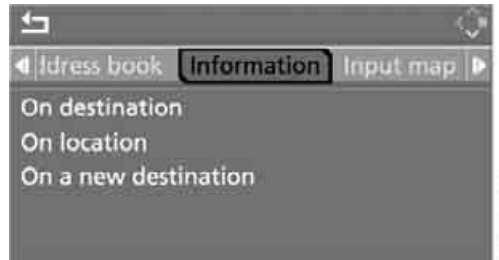
The map for destination input can also be called up from the map view:

Select the symbol and press the controller.

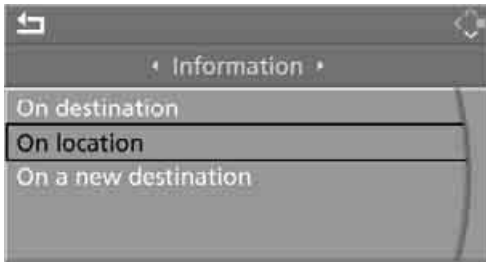
Selecting destination using information

You can display selected destinations for towns/cities, select them and adopt them into the destination guidance if necessary, e.g. hotels, places of interest or hospitals.

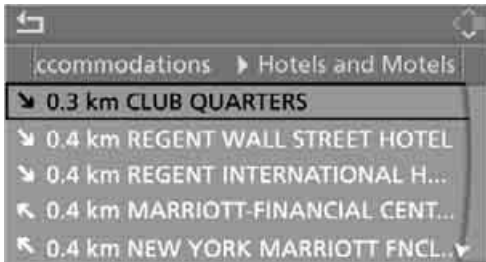
1. Select "Navigation" and press the controller. "New destination" is selected.
2. Press the controller.
3. Select "Information" and press the controller.



4. Select location:
 - ▷ "On destination"
 - ▷ "On location"
 - ▷ "On a new destination"



5. Press the controller.
6. Make your selection, e.g. "Hotels and restaurants", and press the controller. Destinations are shown on the Control Display which are sorted by distance or alphabetically.



7. Select a destination and press the controller.
8. Select a menu item:
 - ▷ To adopt the address into the destination list and start the destination guidance: Select "Select as destination" and press the controller.
 - ▷ To establish a telephone connection: Select "Call" and press the controller.

To exit from the menu:

- ↶ Select the arrow and press the controller.

Destination list

The last 20 destinations entered into the destination list are displayed. You can select these destinations and adopt them into the destination guidance system.

For example, in order to plan a longer route, you can store all of the destinations you wish to visit in the destination list ahead of time, refer to Entering a destination manually on page 121.

Select "Navigation" and press the controller.



The destination last entered appears at the top of the destination list.

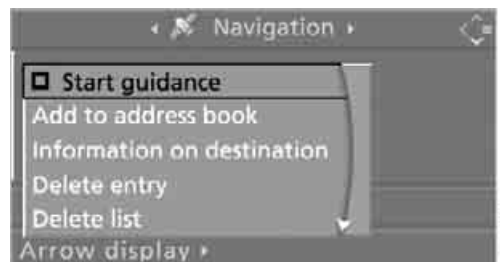
➡ This symbol indicates the current destination.

To display other destinations in the destination list:

Turn the controller.

Adopting the destination into the destination guidance system

1. Select the desired destination from the destination list and press the controller.
2. Select "Start guidance" and press the controller.



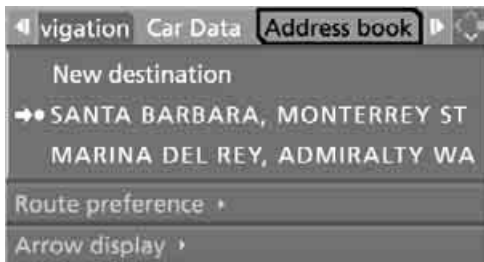
Editing the destination list

1. Select the desired destination from the destination list and press the controller.
2. The selected destination can be edited:
 - ▷ To store the entry:
Select "Add to address book".
 - ▷ To display information on the destination:
Select "Information on destination".
 - ▷ To delete the entry:
Select "Delete entry".
 - ▷ To delete all entries:
Select "Delete list". Destination guidance is switched off.
 - ▷ To change the entry:
Select "Edit". For operation, refer to Entering destination via town/city name, page 122.
3. Press the controller.

Address book

Opening address book

iDrive, for principle details, refer to page 16.

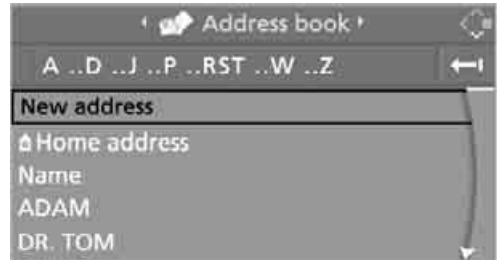


Select "Address book" and press the controller.

Storing destinations in address book

You can store approx. 100 destinations in the address book.

1. Select "Address book" and press the controller.
2. Select "New address" and press the controller.



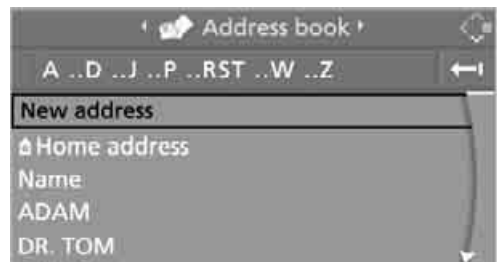
3. Select "Enter address" and press the controller.
4. Enter names and addresses.
5. Select "Store in address book" and press the controller.
The entry is stored in the address book.

You can also store a destination from the destination list in the address book, refer to page 127.

Storing current position*

The current position can be adopted into the address book.

1. Select "Address book" and press the controller.
2. Change into the second field from the top. Turn the controller until "New address" is selected and press the controller.



3. Select "Use current location as address" and press the controller.
The name given can be changed. For operation, refer to Entering a destination manually, page 121.
4. Select "Store in address book" and press the controller.

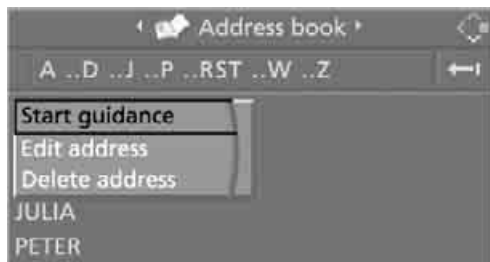
You can also enter your current position in the address book if you have left the sector covered by the navigation DVD. In this case, you must enter a name.

Selecting destinations from address book

1. Select "Address book" and press the controller.
The stored entries are displayed on the Control Display.

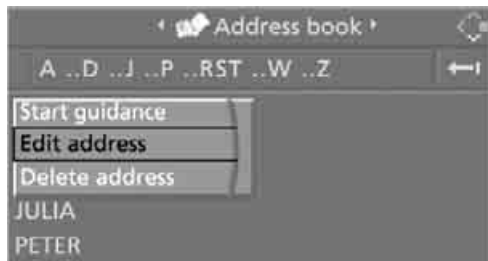


2. Select the entry and press the controller.
To start destination guidance: Select "Start guidance" and press the controller.



Changing destinations from address book

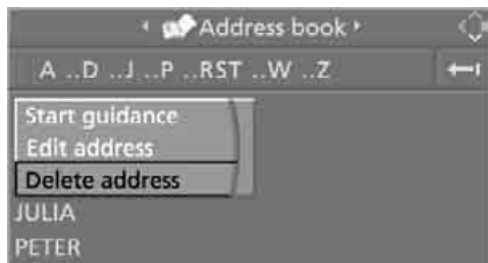
1. Select "Address book" and press the controller.
2. Select the entry and press the controller.
3. Select "Edit address" and press the controller.



4. Change the entry.
For operation, refer to Entering a destination manually, page 121.

Deleting individual destinations from address book

1. Select "Address book" and press the controller.
2. Select the entry and press the controller.
3. Select "Delete address" and press the controller.



Deleting all destinations from address book

1. Open start menu.
2. Press the controller to open the **i** menu.
3. Select "Vehicle settings" and press the controller.

4. Select "Delete data" and press the controller.

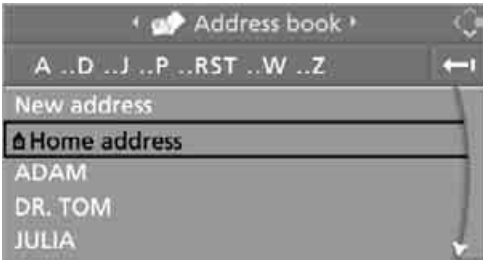


5. Select "Delete address book" and press the controller.
6. Select "Yes" and press the controller.

Storing home address

You can store your current position or the current destination as a home address in the address book. This entry is in the second position in the address book.

1. Select "Address book" and press the controller.
2. Change into the second field from the top. Turn the controller until "Home address" is selected and press the controller.



3. Select "Use current location as address", or "Save current destination" during the destination guidance, and press the controller.

To select the home address as the destination:

1. Select "Home address" and press the controller.
2. Select "Start guidance" and press the controller.

To change the entry:

1. Select "Home address" and press the controller.
2. Select "Edit address" and press the controller. For operation, refer to Entering a destination manually, page 121.

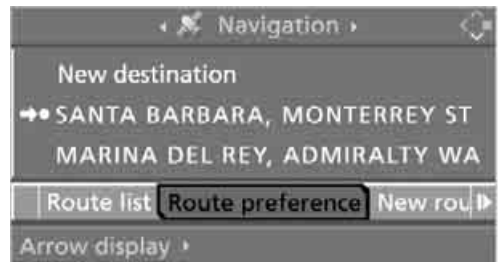
Selecting route

You can influence the calculated route by choosing certain route criteria. You can change the route criteria as often as you like when entering the destination and whenever the destination guidance is active.

The route is planned according to fixed rules, taking the road type into account, e.g. whether it involves freeways or winding roads. The road types are stored on the navigation DVD. As a result, the routes recommended by the navigation system may not always be the same ones that you would choose based on personal experience.

Changing route criteria

1. Select "Navigation" and press the controller.
2. Change into the third field from the top. Turn the controller until "Route preference" is selected and press the controller.



The various criteria are listed on the Control Display.

3. Select a route criterion for the route:
 - ▷ "With highways"
Freeways and major traffic arteries are given priority.
 - ▷ "Avoid highways"
Freeways are avoided where possible.
 - ▷ "Fast route"
The fast route, being a combination of the shortest possible route and the fastest roads
 - ▷ "Short route"
Short route, regardless of how fast or slow progress will be
4. Press the controller.



The route criterion is highlighted.

5. If necessary, select an additional route criterion and then press the controller:
 - ▷ "Avoid tollroads"
Tollroads are avoided where possible.
 - ▷ "Avoid ferries"
Ferries are avoided where possible.

To exit from the menu:

Select the arrow and press the controller.

The route criteria can also be changed in the arrow or map display:

Select the respective symbol and press the controller.

Word matching principle

The system supports the word matching principle to make it easier for you to enter the names of streets or towns/cities. The system runs ongoing checks, comparing your destination entries with the data stored on the navigation DVD as the basis for instant response. The user benefits include:

- ▷ Names of specific locations can also vary from the official versions, provided that the spelling of the entry corresponds to a standard form used in another country.

Example:

Instead of 'Munich', you can also enter the German spelling 'München' or the Italian spelling 'Monaco'.

- ▷ When you are entering the names of towns/cities and streets, the system will complete them automatically as soon as enough letters are available to ensure unambiguous identification.
- ▷ The system only accepts name entries beginning with letters that are stored on the navigation DVD. The system will not accept nonexistent names and addresses.

Destination guidance

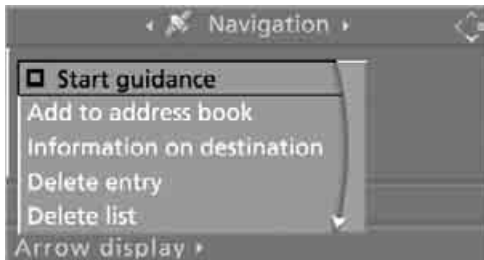
Starting destination guidance

iDrive, for principle details, refer to page 16.

1. Change to upper field if necessary. Turn the controller until "Navigation" is selected and press the controller.
2. Turn the controller until the destination is selected from the destination list and press the controller or enter a new destination, refer to page 121.




3. Select "Start guidance" and press the controller.



After the route has been calculated, destination guidance is indicated by arrows or a map display on the Control Display.


The destination guidance can also be started in the arrow or map display:

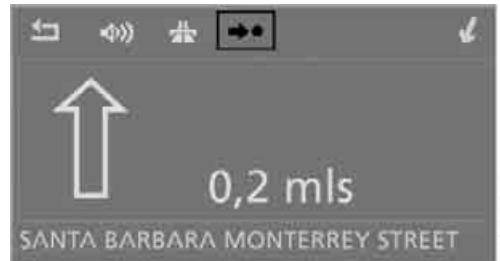
Select the  symbol and press the controller.

During destination guidance, you can operate other equipment via iDrive at any time. You are notified well in advance of a necessary change of direction by spoken instructions and the display of the direction arrows.


Terminating/continuing destination guidance

In the arrow display or map view

Select the  symbol and press the controller.



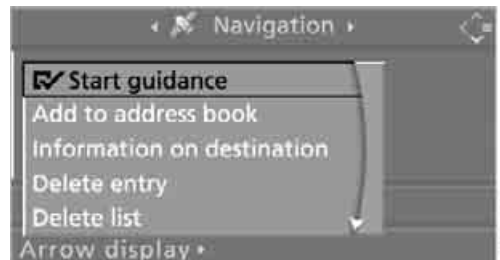
In the destination list

 This symbol marks the current destination.

1. Select the current destination and press the controller.



2. Select "Start guidance" and press the controller.



If the destination was not reached before the end of the last trip, upon restarting you will see

the question:


"Continue guidance to destination?".

The destination guidance starts automatically after a short time.

To start destination guidance immediately: Select "Yes" and press the controller.

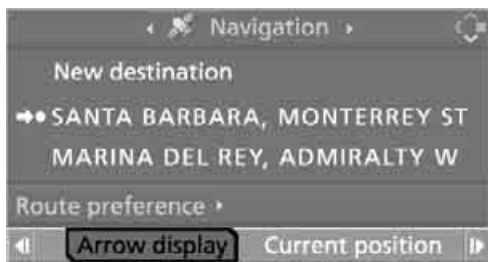
Route display

You have the option of displaying various views of the route during destination guidance.

 From another menu, you can switch directly to the screen last displayed, refer to Comfort opening of menu items on page 18. ◀

Displaying arrow display

1. Select "Navigation" and press the controller.
2. Change into the fourth field from the top. Turn the controller until "Arrow display" is selected and press the controller.



The arrow display is displayed.

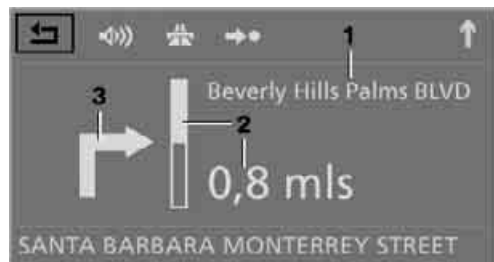


- 1 Switching voice instructions on/off
- 2 Selecting route criteria

- 3 Starting/stopping destination guidance
 - 4 Arrow to destination as the crow flies
 - 5 Distance to the next change of direction
 - 6 Current position
 - 7 Direction of travel
- ▶ Hollow arrow:
Destination guidance on the calculated route.
 - ▶ Solid arrow:
Arrow shows the route to be calculated from a bird's eye view when the vehicle is not located in an area contained on the navigation DVD, e.g. in a multilevel parking lot.

Depending on the equipment, the estimated time of arrival and the distance to the destination are displayed in the top or bottom line of the Control Display.

Before a change of direction, the appearance of the arrow changes.



- 1 Street name for change of direction
- 2 Distance to change of direction
- 3 Change of direction

To exit from the menu:

 Select the arrow and press the controller.

Displaying map display

You can have your current position displayed on a map. After starting the destination guidance, the planned route is shown on the map.

1. Select "Navigation" and press the controller.

- Change into the fourth field from the top. Turn the controller until the desired map view is selected:
 - ▷ "Map facing north"
 - ▷ "Map direction of travel"
 - ▷ "Perspective"



- Press the controller.



- Switching voice instructions on/off
- Starting/stopping destination guidance
- Selecting destination using map
- Showing/hiding information last selected, refer to Selecting destination using information on page 126
- Changing map view
 - ▷ "Map facing north"
 - ▷ "Map direction of travel"
 - ▷ "Perspective"
- Changing route criteria
- Arrow to destination as the crow flies

The estimated time of arrival and the distance to the destination are shown in the bottom line of the Control Display.

To exit from the menu:

Select the arrow and press the controller.

At scales of less than 300 miles/500 km, you have the option of deciding whether to orient the map to north, toward your current direction of travel, or show the map in perspective. At scales of 300 miles/500 km or greater, the map always points toward north.

Changing map view



Select the corresponding symbol and press the controller.

The next map view is displayed.

Changing scale

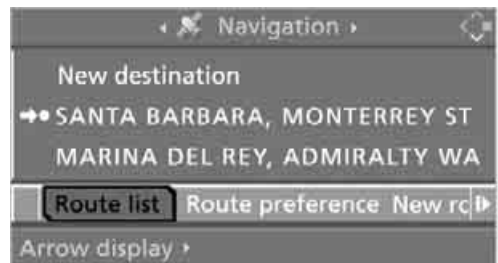
Turn the controller to change the scale.

Displaying towns/cities and streets of the route

You can have the roads and towns along the route displayed during destination guidance.

The distances remaining to be traveled on each individual road are also displayed.

- Select "Navigation" and press the controller.
- Change into the third field from the top. Turn the controller until "Route list" is selected and press the controller.




To exit the menu:

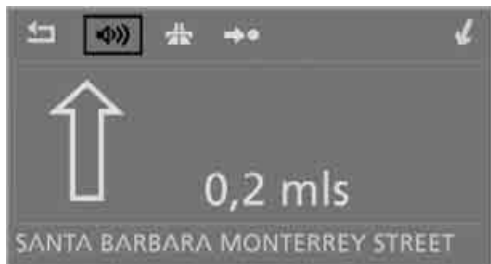
Select the arrow and press the controller.

Destination guidance through voice instructions

Switching voice instructions on/off

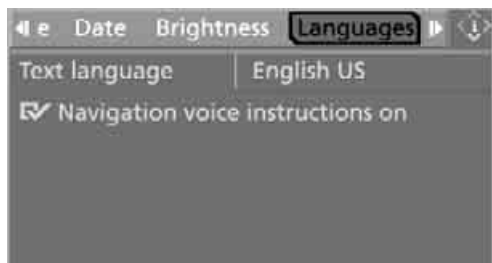
Voice instructions can be switched on or off during the destination guidance in the arrow or map view:

1. In the map view:
Move the controller to the left to change the field.
2. In the arrow and map display:
Turn the controller until the  symbol is selected and press the controller.

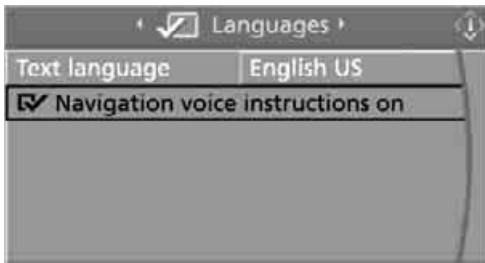


To switch the voice instructions on/off at any time:

1. Open start menu.
2. Press the controller to open the **i** menu.
3. Turn the controller until "Display settings" is selected and press the controller.
4. Change to upper field if necessary. Turn the controller until "Languages" is selected and press the controller.



5. Turn the controller until "Navigation voice instructions on" is selected and press the controller.



- The voice instructions are switched on. The setting is stored for the remote control currently in use*.

Repeating and canceling voice instructions

With the programmable buttons on the steering wheel you can also make the following settings, refer to page 54:

- ▷ To repeat the voice instruction:
Press the button.
- ▷ To switch voice instructions on/off:
Maintain pressure on the button for several seconds.

Setting volume of voice instructions

The volume can only be adjusted during a voice instruction.

1. Repeat the last voice instruction, if required.
2. Turn the knob during the voice instruction to select the desired volume.



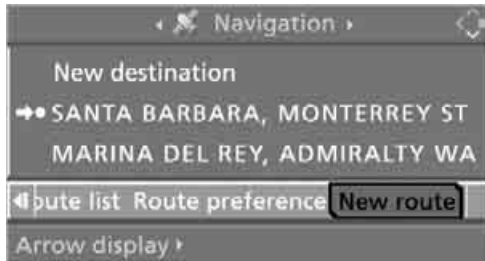
This volume is independent of the volume of the audio sources.

The setting is stored for the remote control currently in use.

Bypassing route sections

During destination guidance, you can revise the navigation system's route recommendations to avoid particular stretches of road. Enter the number of miles/kilometers that you want to travel before returning to the original route.

1. Select "Navigation" and press the controller.
2. Change into the third field from the top. Turn the controller until "New route" is selected and press the controller.



3. Turn the controller to enter the desired number and press the controller.

The route is recalculated.

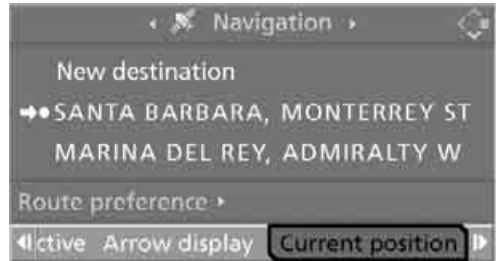
To exit from the menu without changing the route:

- ➡ Select the arrow and press the controller.

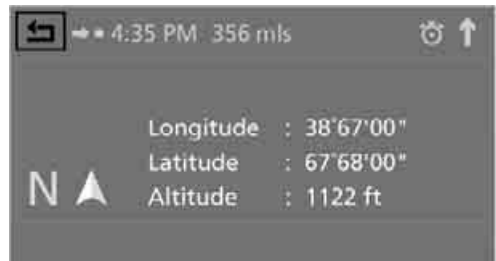
Displaying current position

You can also display your current position with the destination guidance switched off.

1. Select "Navigation" and press the controller.
2. Change into the fourth field from the top. Turn the controller until "Current position" is selected and press the controller.



The current position of your BMW is displayed.



If the navigation system is unable to identify a town or city, your current map coordinates will appear.

To exit from the menu:

- ➡ Select the arrow and press the controller.

You can also have the current position displayed on a map, refer to page 133.

What to do if ...

What to do if ...

- ▷ a navigation DVD is inserted, but the request to insert the DVD is displayed on the Control Display?
The navigation DVD may not be the right DVD for the navigation system. The DVD is labeled accordingly.
- ▷ you request the current position of your vehicle, but do not receive a precise display?
The system is unable to receive enough GPS signals at your current position due to obstructions, your current position is not yet available on your navigation DVD, or the system is in the process of calculating your current position. As a rule, reception is guaranteed in the open air.
- ▷ the destination guidance does not accept a destination?
The data of the destination is not stored on the navigation DVD that is loaded. Select a destination that is as close as possible to the original.
- ▷ the destination guidance does not accept a destination without the street name?
On the navigation DVD, no downtown area can be determined for the city or town entered. Enter any street, or a destination such as the railway station etc., then start the destination guidance.
- ▷ you want to enter a destination for the destination guidance, but it is not possible to select the letters for your desired entry?
The data of the destination is not stored on the navigation DVD that is loaded. In this case, the system will not offer you any letters to choose from. Select a destination that is as close as possible to the original.
- ▷ the system stops furnishing directions on which way to turn as you approach intersections?
You are driving in an area that has not yet been completely recorded on the navigation DVD. Instead of an arrow indicating a turn, you will see an arrow which indicates the general direction of your planned route. Or you have left the recommended route and the system requires a few seconds to calculate a new recommended route.
- ▷ the navigation system does not react to entries?
If the battery has just been reconnected after having been disconnected, it then takes up to 10 minutes before the system is once again operational.





Entertainment

This chapter describes the operation of the radio and CD player as well as their tone settings.

On/off and tone

The following audio sources have shared controls and setting options:

- ▷ Radio Professional* or Radio Business
- ▷ CD player
- ▷ CD changer*

Controls

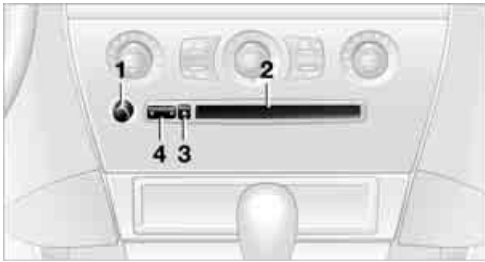
The audio sources can be operated using:

- ▷ Buttons near CD player
- ▷ iDrive
- ▷ Buttons on steering wheel, refer to page 11

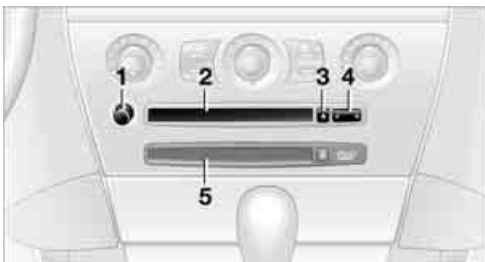
Buttons near CD player

The layout of the buttons can vary depending on your vehicle's equipment.

Equipment with a single drive:



Equipment with two drives:



- 1 Entertainment sound output on/off, volume
 - ▷ Press: switch on/off.
When you switch on, the last set radio station or CD track is played.
 - ▷ Turn: adjust volume.
- 2 Drive for audio CDs
- 3 Eject CD
- 4 Station scan/track search
 - ▷ Change radio station.
 - ▷ Select track for CD player and CD changer.
- 5 Drive for navigation DVDs

Operation via iDrive

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller backwards to open "Entertainment".



You have the following choices:

- ▷ "FM" and "AM": radio reception
- ▷ "WB": Weather Band station
- ▷ "SAT": satellite radio
- ▷ "CD": CD player or CD changer
- ▷ "Set": depending on the audio source, other adjustments can be made, e.g. with the radio: update station with strongest reception, store station, tone control, sample stations.



From another menu, you can switch directly to the screen last displayed, refer to Comfort opening of menu items on page 18. ◀

The selected audio source is stored for the remote control currently in use.

Switching on/off

To switch the Entertainment sound output on/off:

Press knob **1** next to the CD player.

🔊 This symbol on the Control Display indicates that sound output is switched off.

For equipment with an individual drive, the sound output is available for approx. 20 minutes with the ignition switched off.

To do so, switch the sound output on again.

Adjusting volume

Turn knob **1** next to the CD player until the desired volume is set.

You can also adjust the volume with buttons on the steering wheel, refer to page 11.

The setting is stored for the remote control currently in use.

Tone control

You can alter various tone settings, e.g. treble and bass, or the speed-dependent volume increase.

The sound settings are globally adjusted for all audio sources.

The settings are stored for the remote control currently in use.

Changing tone settings

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Entertainment settings" and press the controller.



4. Select "Audio" and press the controller.



The tone settings can also be selected when you have opened "Entertainment" in the start menu:

Select "Set" and then "Tone", and press the controller.

Treble and bass

1. Select "Treble / Bass" and press the controller.



2. Move the controller to the left or right to select "Treble" or "Bass".



3. Turn the controller until the desired setting is selected.

Balance and fader

You can adjust the volume distribution in the same manner as "Treble / Bass".

- ▷ "Balance": left/right volume distribution
- ▷ "Fader": front/rear volume distribution

Speed-dependent volume control

The speed-dependent volume control automatically increases the volume with increasing speed. You can set various stages for the increase in volume.

1. Select "Speed volume" and press the controller.



2. Turn controller:
The adjustment is applied; the field can be changed.



Professional LOGIC7 HiFi System*

You can select a spatial sound effect that improves the spatial acoustics in all frequency ranges.

1. Select "LOGIC7" and press the controller.



2. Select "Concert hall" or "Theater".



3. Press the controller.
LOGIC7 spatial sound is switched on.

To switch off spatial sound:
Select "Off" and press the controller.

LOGIC7 and the LOGIC7 logo are registered trade marks of Lexicon, Inc., a company of the Harman International Group.

Equalizer*

You can set individual sound frequency ranges:

1. Select "Equalizer" and press the controller.



2. Move the controller to the left or right to select the desired frequency range.



3. Turn the controller until the desired setting is selected.

Resetting tone settings

You can reset all tone settings to the default settings.

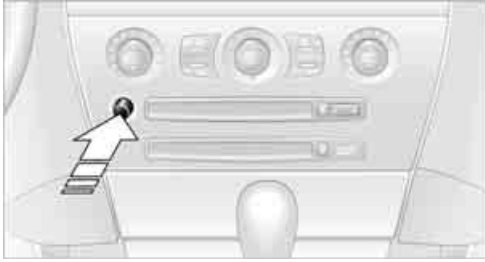
1. Open start menu.
2. Press the controller to open the **i** menu.
3. Select "Entertainment settings" and press the controller.
4. Select "Audio" and press the controller.
5. Select "Reset" and press the controller.



Radio

Your radio provides reception of the FM and AM wavebands.

Listening to radio



Press the button if the sound output is switched off.

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller backwards to open "Entertainment".
3. Change to upper field if necessary. Turn controller until "FM" or "AM" is selected.



4. Press the controller.

Stations are shown on the Control Display on the basis of various selection criteria, e.g. "Presets".

If "Autostore" does not display any stations or if the stations displayed can no longer be received, to update the station with the strongest signal, refer to page 145.

Changing stations



Turn the controller.

In addition to the stations currently displayed, you can have stations with another selection criterion displayed.

Professional radio*

You can choose from the following selection criteria:

- ▷ "All stations":
Stations that can currently be received in the "FM" waveband.
- ▷ "Autostore":
The stations with the strongest received signals in the "AM" waveband.
- ▷ "Presets":
Stations you have stored, refer to page 146.

Radio Business

You can choose from the following selection criteria:


- ▷ "Autostore":
The stations with the strongest signal, refer to page 145.
- ▷ "Presets":
Stations you have stored, refer to page 146.

Changing selection criteria

1. Change into the second field from the top.
2. Turn the controller until the desired selection criterion is selected and press the controller.



Buttons next to CD player

Press the  button for the corresponding direction. The system switches to the next displayed station.

You can also change stations with buttons on the steering wheel, refer to page 11.

Sampling stations, scan

The system automatically plays a brief sample from each of the stations on the current waveband.

1. Select "FM" or "AM" and press the controller. "Set" is selected.
2. Press the controller. Other menu items are displayed.
3. Select "Scan" and press the controller.




Scan starts.

To stop the scan:

1. Press the controller.
2. Select "Scan" and press the controller.

This cancels the scan search, and the radio remains on the current station.

Buttons next to CD player

To start scan, hold down the  button for the corresponding direction.

To stop scan, press the button again.

Selecting the frequency manually

With "Manual" you can select stations that are received in addition to those displayed.

1. Select "FM" or "AM" and press the controller.
2. Change into the second field from the top.
3. Select "Manual" and press the controller.



4. Turn the controller to set a certain frequency.

Updating stations with best reception

If you are on a longer journey and leave the transmission range of the stations originally set, you can update the list of stations with the best reception.

1. Select "FM" or "AM" and press the controller.
2. Change into the second field from the top.

3. Select "Autostore" and press the controller. "Set" is selected.



4. Press the controller. Other menu items are displayed.
5. Select "Autostore" and press the controller.

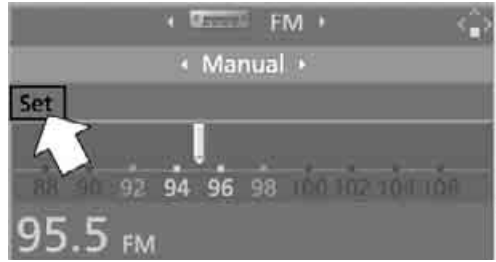


The display of the stations with the strongest reception is updated. The frequencies of the stations are displayed.

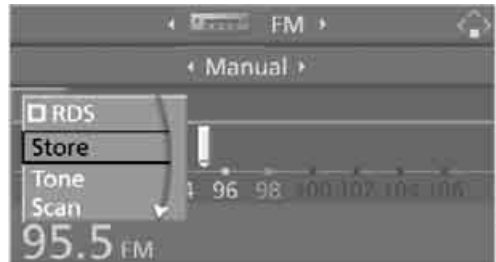
Storing stations

1. Change to upper field if necessary. Turn the controller until "FM" or "AM" is selected and press the controller. "Set" is selected.
2. Change into the second field from the top. Turn the controller until the desired selection criterion is selected and press the controller.

3. Select the desired frequency or station. "Set" is selected.



4. Press the controller. Other menu items are displayed.
5. Select "Store" and press the controller.



"Presets" is displayed.

6. Turn the controller until the desired memory position is selected. The number of the memory position appears beside the name or frequency of the station.
7. Press the controller. The station is stored.



The stations of the last selection criterion are displayed again after a short time.

The stations are stored for the remote control currently in use.

Changing a memory position

1. Select "Presets" and press the controller.
2. Select the desired station.
"Set" is selected.
3. Press the controller.
Other menu items are displayed.
4. Select "Store" and press the controller.



5. Turn the controller until the desired memory position is selected.
The number of the memory position appears beside the name or frequency of the station.
6. Press the controller.
The station is stored.

RDS Radio Data System

RDS transmits additional information in the FM frequency range. If the reception conditions are good, the station names are shown on the Control Display. If the reception is weak or disrupted, it can take some time before the station names are displayed.

Switching RDS on/off*

1. Select "FM" or "AM" and press the controller.
"Set" is selected.
2. Press the controller.
Other menu items are displayed.

3. Select "RDS" and press the controller.



RDS is activated.

Automatically sorting stations*

For the "All stations" selection criterion, you can set whether the most frequently used stations are displayed at the beginning.

1. Select "All stations" and press the controller.
"Set" is selected.
2. Select "Favorites" and press the controller.



The most frequently used stations are shown at the beginning.

Weather news flashes*

Weather Radio is a service of the National Oceanic and Atmospheric Administration (NOAA) of the US Department of Trade. Weather news flashes are repeated every for to six minutes and are routinely updated at intervals of one to three hours, and more often when necessary. Most stations operate 24 hours a day.

In case of a storm, the National Weather Service interrupts the routine weather news and transmits special warning messages instead. If you have a question about NOAA Weather Radio, please contact the nearest office of the National Weather Service. Details are also provided on the Internet at www.nws.noaa.gov.

Calling up weather news flashes

1. Select "WB" and press the controller.



2. Select a station.

The station for weather news flashes may be unavailable in some regions.

High Definition Radio*

Many stations transmit both analog and digital signals. You can receive these stations digitally and in improved sound quality.

Activating/deactivating digital radio reception

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.

3. Select "Entertainment settings" and press the controller.



4. Select "HD radio" and press the controller.



5. Select "Off" and press the controller.
 The reception of digital stations is activated.

HD This symbol is displayed when a sender is being received digitally.



With some stations the digital signals are not transmitted simultaneously with the analog signals. If you are in an area in which the selected station is not continuously received digitally, playback switches between analog and digital reception. This can result in repetitions or interruptions. In this case it may be advisable to deactivate digital radio reception.

Updating stations offering digital reception

If you are on a longer journey and leave the transmission range of the stations originally set, you can update the list of stations with the best reception.

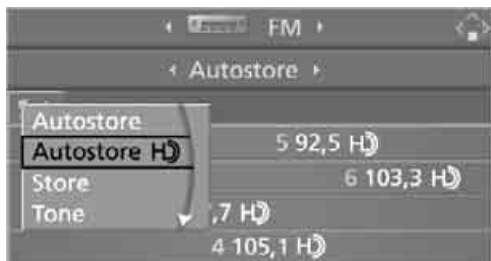
1. Select "FM" or "AM" and press the controller.



2. Change into the second field from the top.
3. Select "Autostore" and press the controller.



4. Press the controller.
Other menu items are displayed.
5. Select "Autostore H)" and press the controller.



The display of the stations offering digital reception is updated. This can take up to 2 minutes.

Displaying additional information

With the digital stations, additional information on the current track is displayed, e.g. the name of the artist.

1. Select station and press controller.
2. Select "Details" and press the controller.



The information is displayed.



If a digital station is received again when the station is changed, the additional information will be displayed again following a brief interruption.

Satellite radio*

You can receive up to 100 different channels with high sound quality.

The channels are offered to you in predefined packages. To receive the channels of your choice, you must have this package enabled.

With this new technology the signal may fail, causing interruptions in reception. ◀

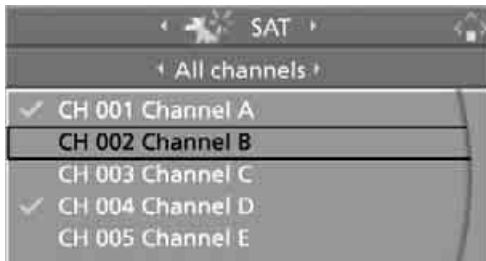
Enabling or disabling channels

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller backwards to open "Entertainment".
3. Select "SAT".



4. Press the controller.




The channels are displayed.

- ✓ These channels are enabled.

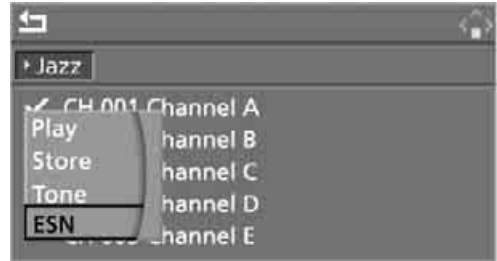
Enabling

1. Select a channel that has not yet been enabled and press the controller.
A telephone number and the electronic serial number, ESN, are displayed.
2. To enable the channels:
Dial phone number.


 The electronic serial number is required to enable or disable. ◀

Disabling

1. Select an enabled channel and press the controller.



2. Select "ESN" and press the controller.
The electronic serial number, ESN, is displayed.

 The electronic serial number is required to disable. ◀

3. To have the channels disabled:
Dial phone number.

Selecting and storing channel

1. Select "SAT" and press the controller.



Channels are shown on the Control Display sorted on the basis of selection criteria.

2. Select a menu item:
 - ▷ "Presets":
Up to twelve channels you have stored previously.
 - ▷ "All channels":
All channels are displayed.

- ▷ "Categories":
All channels sorted by category, e.g. news, jazz.

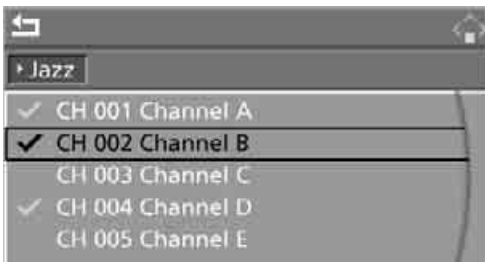


3. Press the controller.
4. If "Categories" has been selected:
Select the desired category and press the controller.



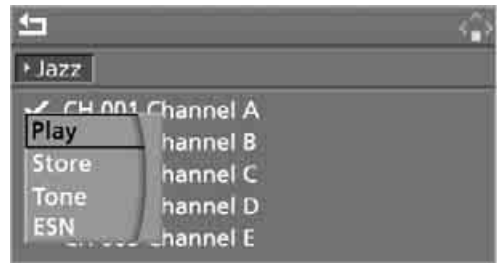
The channels of this category are displayed.

5. ✓ Select a channel marked with this symbol.



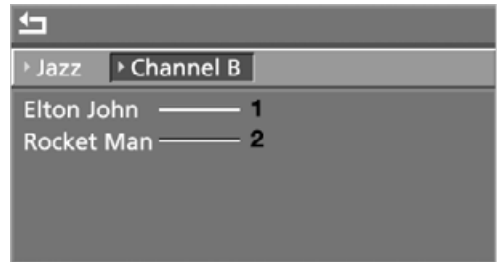
6. Press the controller.
Other menu items are displayed.

7. Select "Play" and press the controller.



Additional information

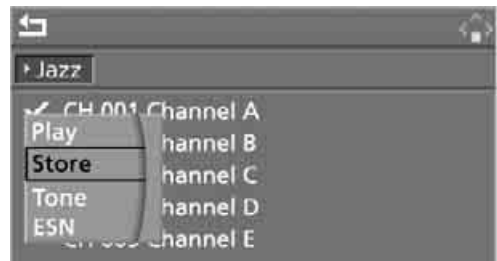
The name of the channel and additional information on the current track are displayed, e.g. the name of the artist.



- 1 Artist
- 2 Track

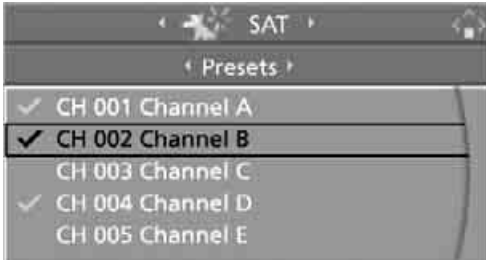
Storing channel

1. Select desired channel.
2. Press the controller.
Other menu items are displayed.
3. Select "Store" and press the controller.




"Presets" is displayed.

- Turn the controller to select a memory position and press the controller.



The channel is stored. The stations of the last selection criterion are displayed again after a short time.

Changing channel with buttons next to CD player

Press the  button for the corresponding direction.

The system switches to the next enabled channel.

Notes

If no signal can be received for more than 4 seconds, a message is displayed on the Control Display.



Reception may not be possible for certain reasons, e.g. environmental influences or topographical conditions. The satellite radio has no influence on this.

The signal may not be available in tunnels or underground garages, next to tall buildings, near trees, mountains or other sources of radio interference.

Reception is usually possible again as soon as the signal is available again. ◀

CD player and CD changer*

Listening to CDs

Compressed audio files*

The CD player is capable of playing CDs with compressed audio files, i.e. MP3.

CD player: starting CD



Equipment with two drives:

The upper drive is for audio CDs.

Insert the CD into the drive with the labeled side up.

Playback starts automatically if the sound output is on. For CDs with compressed audio files, it can take up to approx. 1 minute to read in the data depending on the directory structure.

To start playback when there is already a CD in the drive:

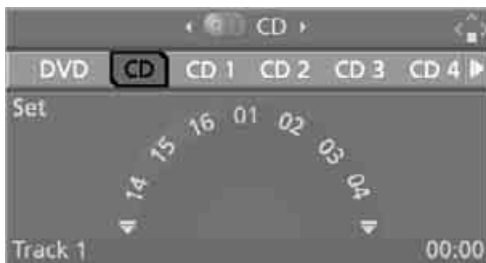
iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller backwards to open "Entertainment".


3. Change to upper field if necessary. Turn the controller until "CD" is selected and press the controller.



4. On vehicles with a CD changer, change to the second field from the top and turn the controller until "CD" is selected and press the controller.
The CD player is started.



Playback starts automatically if the sound output is switched on.

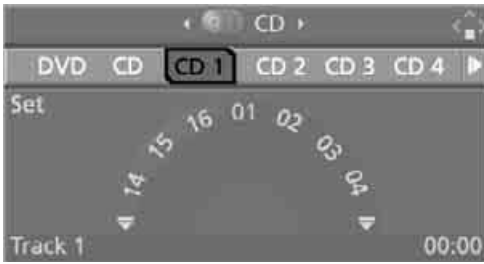
To eject the CD, press the  button on the CD player.

The CD emerges slightly from the drive.

CD changer: starting CD

1. Fill the CD magazine and insert, refer to page 157.
2. Press the **MENU** button.
This opens the start menu.
3. Move the controller backwards to open "Entertainment".
4. Change to upper field if necessary. Turn the controller until "CD" is selected and press the controller.

- Change to the second field from the top if necessary. Turn the controller until the desired CD, CD 1 - 6, is selected and press the controller.




At the end of the last track, the next CD will be selected.

If new CDs have been placed in the CD magazine, playback starts with the lowest CD, e.g. CD 1, track 1.

The CD magazine's load status is indicated on the Control Display.

Selecting a track

Buttons next to CD player

Press the  button for the corresponding direction repeatedly, continuing until you reach the desired track on the current CD.

The CD will start to play at the start of the track. The track is displayed on the Control Display.

You can also change the track with buttons on the steering wheel, refer to page 11.

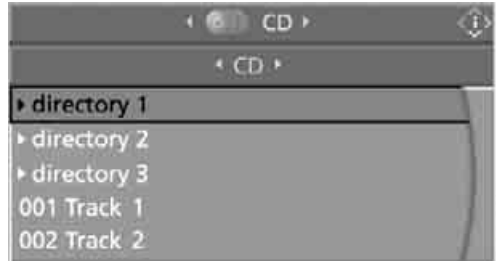
Via iDrive

Select a track by turning the controller.

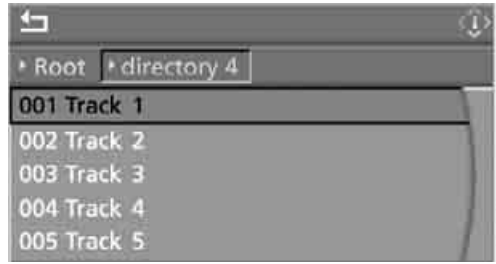


Compressed audio files*

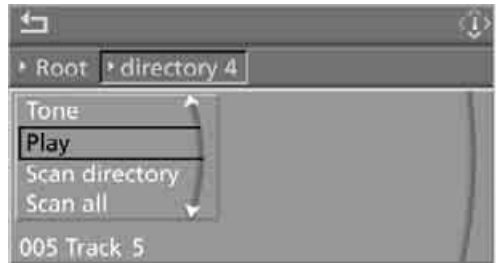
- Select the directory if necessary and press the controller.



- Select the track and press the controller.

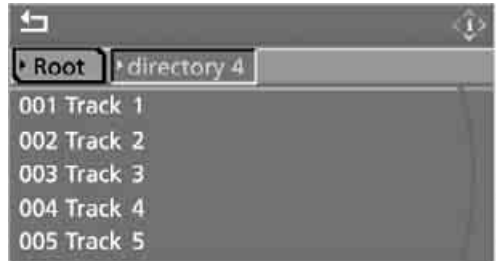


- Select "Play" and press the controller.



To change the directory:

Select the directory and press the controller.



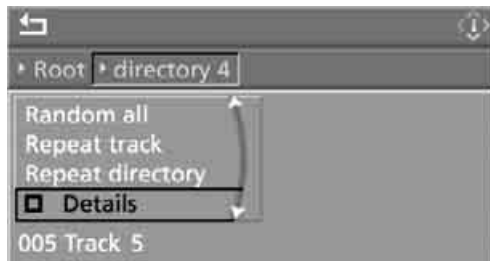
To exit from the menu:

← Select the arrow and press the controller.

Displaying information on track*

With compressed audio files, you can display possibly included information about the current track, e.g. the name of the artist.

1. Press the controller.
2. Select "Details" and press the controller.



The information about the current track is displayed.

The setting is stored for the remote control currently in use.

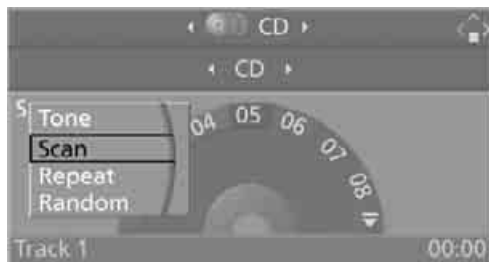
Sampling tracks, scan

The system automatically plays a brief sample from each of the tracks on the current CD.

1. Select "Set" and press the controller.
Other menu items are displayed.



2. Select "Scan" and press the controller.



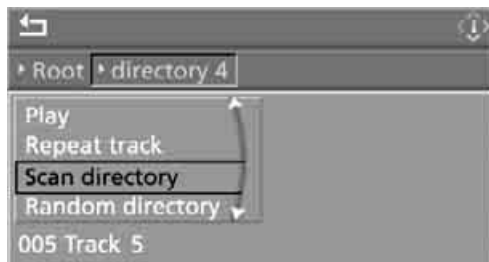
To stop the scan:

1. Press the controller.
2. Select "Scan" and press the controller.

This cancels the scan search and the player remains on the current track.

Compressed audio files*

1. Select the current track and press the controller.
2. Select the desired menu item:
 - ▶ To sample all tracks of the current directory, select "Scan directory" and press the controller.
 - ▶ To sample all tracks of the CD, select "Scan all" and press the controller.



To end scan search:

1. Press the controller.
2. Select "Scan directory" or "Scan all" and press the controller.

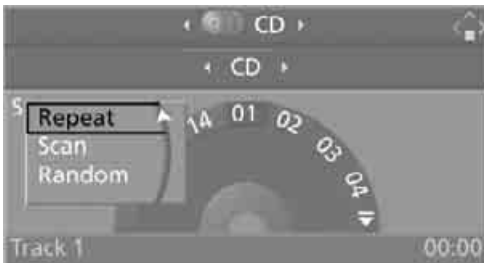
This cancels the scan search and the player remains on the current track.

Repeating track

1. Select "Set" and press the controller. Other menu items are displayed.



2. Select "Repeat" and press the controller.



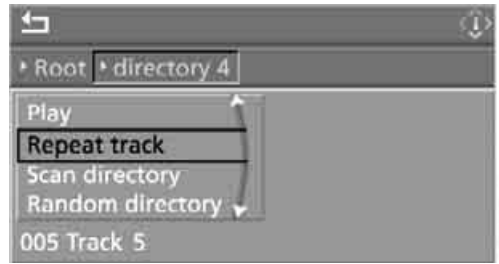
The current track on the CD is repeated.

To cancel repeat mode:

1. Press the controller again.
2. Select "Repeat" and press the controller.

Compressed audio files*

1. Select the current track and press the controller.
2. Select the desired menu item:
 - ▷ To repeat the selected track, select "Repeat track" and press the controller.
 - ▷ To repeat all tracks of the current directory, select "Repeat directory" and press the controller.



To cancel repeat mode:

1. Press the controller.
2. Select "Repeat track" or "Repeat directory" and press the controller.

Random play sequence

In this mode, the tracks on the current CD are played once in a random sequence.

1. Select "Set" and press the controller. Other menu items are displayed.
2. Select "Random" and press the controller.

To cancel random mode:

1. Press the controller.
2. Select "Random" and press the controller.

Compressed audio files*

1. Select the current track and press the controller.
2. Select the desired menu item:
 - ▷ To play all tracks of the current directory in random order, select "Random directory" and press the controller.
 - ▷ To play all tracks of the CD in random order, select "Random all" and press the controller.

To cancel random mode:

1. Press the controller.
2. Select "Random directory" or "Random all" and press the controller.

Fast forward/reverse

Buttons next to CD player:

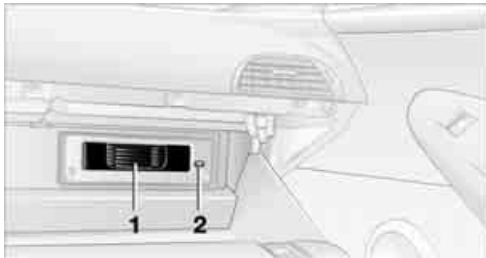
Press and hold the  button for the corresponding direction.

CD magazine

The BMW CD changer for six CDs is installed in the glove compartment.

Removing the CD magazine

To insert CDs into the CD magazine **1** or remove them from it, you must first remove the magazine from the CD changer:

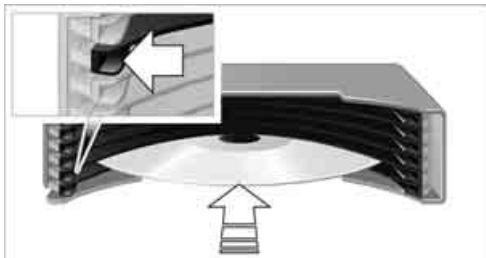


Press button **2** to eject the CD magazine **1**.

Wait at least 2 seconds before pushing in the magazine again so that the inserted CDs can be read in again.

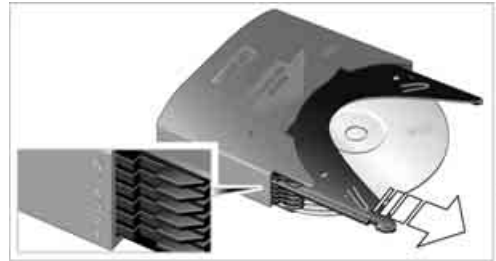
Inserting/removing CDs into/from CD magazine

When inserting or removing CDs, remember to hold them only by their edges, taking care to avoid touching the reflective CD memory surface.



To insert:

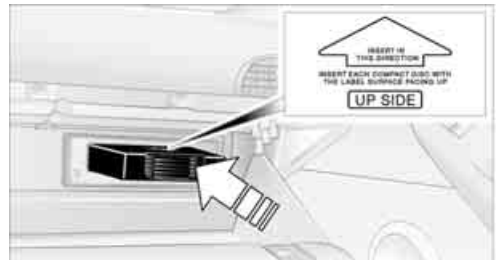
Insert one CD into each compartment of the magazine with the labeled side up.



To remove:

Pull out the desired tray and remove the corresponding CD.

Inserting CD magazine



Push in the CD magazine as far as possible in the direction of the arrow.

The CD changer automatically reads in the inserted CDs and is then ready for operation.

Notes



BMW CD/DVD players and changers are officially designated Class 1 laser products. Do not operate if the cover is damaged, otherwise severe eye damage can result. Do not use self-recorded CDs with adhesive labels as these can come loose during playback due to heat build-up and cause irreparable damage to the system.

Only use round CDs/DVDs with a standard diameter of 4.7 in/12 cm and do not play CDs/DVDs with an adapter, e.g. Single-CDs, otherwise the CDs or the adapter can jam and may no longer be ejected.

Do not use a combined CD/DVD, e.g. DVD^{Plus}; otherwise, the CD/DVD can jam and will no longer eject. ◀

General malfunctions

BMW CD/DVD changers and players have been optimized for performance in vehicles. In some instances they may be more sensitive to faulty CDs/DVDs than stationary devices would be.

If a CD/DVD cannot be played, first check if it has been inserted correctly.

Humidity

High levels of humidity can lead to condensation on the CD/DVD or the laser's scan lens and temporarily prevent playback.

Malfunctions with individual CDs/DVDs

If malfunctions only occur with individual CDs/DVDs, one of the following factors may be the cause.

Home-recorded CDs/DVDs

Possible reasons for malfunctions with self-recorded CDs/DVDs are, e.g., inconsistent data-creation or recording processes, or poor quality or advanced age of the CD/DVD blank.

Label CDs/DVDs only on the top, using a marker designed for this purpose.

Damaged CDs/DVDs

Avoid fingerprints dust, scratches, and moisture.

Keep CDs/DVDs in a sleeve.

Do not subject CDs/DVDs to temperatures over 120 °F / 50 °C, high levels of humidity or direct sunlight.

CDs/DVDs with copy protection

Manufacturers often provide CDs/DVDs with copy protection. This can mean that some CDs/DVDs cannot be played or can only be played to a limited extent.

Care

If necessary, clean the reflective scanning side of the CDs/DVDs with a commercially available cleaning cloth by wiping in straight lines from the center outward.



Communications

This chapter summarizes how to operate your mobile phone using iDrive or voice control and how to use BMW Assist or TeleService.

Telephoning*

The concept


Your BMW is equipped with a full mobile phone preparation package. After a suitable mobile phone has been logged onto the vehicle once, you can operate the mobile phone via iDrive, with the buttons on the steering wheel and by voice.

A mobile phone that has been logged on once is automatically detected again as soon as it is brought back inside the vehicle, provided that the engine is running or the ignition is switched on. The logon data of up to four mobile phones can be stored simultaneously. If several mobile phones are detected simultaneously, the most recently logged-on mobile phone can be operated via the vehicle.

Using a phone in your vehicle

Using the snap-in adapter*


The so-called snap-in adapter, a mobile phone cradle, enables the battery to be charged and the mobile phone to be connected to the external antenna of your vehicle. This ensures improved network reception and a consistent voice reproduction quality. Ask your BMW center which mobile phones will fit in the snap-in adapters they offer.

 BMW discourages the use of mobile phones or other mobile communications devices inside the vehicle without a direct connection to an outside antenna. Otherwise, the vehicle electronics and mobile communication device can interfere with each other. In addition, there is no assurance that the radiation that results from transmission will be dissipated from the vehicle interior. ◀

A mobile phone detected by the vehicle should not be operated by the mobile phone's keypad; otherwise malfunctions may occur.

For your safety

A car phone makes life more convenient in many ways, and can even save lives in an emergency. While you should consult your mobile phone's separate owner's manual for a detailed description of safety precautions and information, we request that you direct your particular attention to the following:

 Only make entries when the traffic situation allows you to do so. Do not hold the mobile phone in your hand while you are driving; use the handsfree system instead. If you do not observe this precaution, your being distracted can endanger vehicle occupants and other road users. ◀

Suitable mobile phones

Ask your BMW center which mobile phones with a Bluetooth interface are supported by the mobile phone preparation package or which mobile phones will fit in the snap-in adapters they offer. These mobile phones support the functions described in this Owner's Manual, provided they are running a certain software version. Malfunctions can occur with other mobile phones.

Care instructions

You can find what you need to know about caring for your mobile phone in the separate Caring for your vehicle brochure and in the mobile phone operating instructions.

Operating options

You can operate the mobile phone* using:

- ▷ The steering wheel, refer to page 11
- ▷ iDrive, refer to page 16
- ▷ Voice commands, refer to page 170

Making calls with car phone: BMW Assist calls

You can use the car phone via the handsfree system for BMW Assist calls.

When the status information "BMW Assist" or "BMW Service" is displayed in "Communication", only BMW Assist calls are possible.


It may not be possible to establish a telephone connection using the mobile phone while a connection is being established to BMW Assist or while a call to BMW Assist is already in progress. If this happens, you must unpair the mobile phone and the vehicle if you wish to place a call with the mobile phone.

Initial operation

Logging on mobile phone on vehicle

The following prerequisites must be met:

- ▷ The mobile phone is ready to operate.
- ▷ The Bluetooth links of the vehicle, refer to page 165, and the mobile phone are active.
- ▷ Depending on the mobile phone, presets in the mobile phone are required: e.g. activated via the menu item Bluetooth or the menu item Connection not with confirmation.
- ▷ To log on, specify any desired number as the Bluetooth passkey, e.g. 1. This Bluetooth passkey is no longer required following successful logon.
- ▷ The ignition is switched on.

 Only log on the mobile phone with the vehicle stopped; otherwise you may become distracted and inadvertently endanger your passengers and other road users. ◀

Switching on ignition

1. Insert the remote control as far as possible into the ignition lock.
2. Switch on the switch on ignition by pressing the Start/Stop button without depressing the brake or clutch pedal.

Preparation with iDrive

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button to open the start menu.



2. Open the **i** menu by pressing the controller.
3. Select "Communication settings" and press the controller.
4. Select "Bluetooth" and press the controller.



5. Select "Phone" and press the controller.



Preparation with mobile phone

6. Additional operations must be carried out on the mobile phone and differ depending on the model, refer to the operating instructions of your mobile phone, e.g. find, connect or link under Bluetooth device.

Logging on

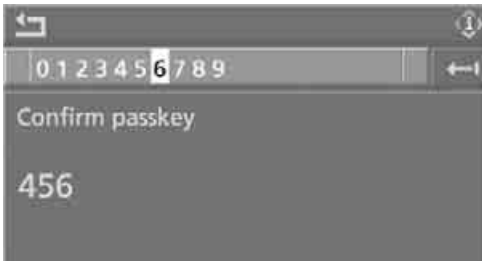
Depending on your mobile phone, first, the display of your mobile phone and then the Control Display will ask you to enter the Bluetooth passkey you specified.

Display on the Control Display if the Bluetooth passkey can be entered with iDrive:

7. Select "Add device" and press the controller.



8. Enter the Bluetooth passkey. Depending on the mobile phone, approx. 30 seconds are available for entering the Bluetooth passkey on the mobile phone and on the Control Display.



9. Select "Confirm passkey" and press the controller.
10. Wait a few seconds until the list of the logged-on mobile phones is shown on the Control Display and "Phone" is selected.

To cancel the logon of the mobile phone on the vehicle:

Select "Refuse connection" and press the controller.

The next time you use the mobile phone in the vehicle interior, it will be detected within a maximum of two minutes with the engine running or the ignition switched on.

As soon as a mobile phone is detected by the vehicle, the phone book entries stored on the SIM card or on your mobile phone are transferred to your vehicle, refer to the operating instructions of your mobile phone if necessary. This transfer depends on your mobile phone, refer to the operating instructions of your mobile phone if necessary, and can take several minutes.

Up to four mobile phones can be logged on consecutively. If you log on a fifth mobile phone, the logon data of the last mobile phone in the list will be deleted, refer to below.

List of logged-on mobile phones

All mobile phones for which the vehicle has stored the logon data can be displayed. If several logged-on mobile phones are detected by the vehicle simultaneously, you can operate the mobile phone highest up in the list via the vehicle.

You can change the order of the mobile phones in the list. As long as a mobile phone is selected in this list, the mobile phones cannot be operated via the vehicle.

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button to open the start menu.
2. Open the **i** menu by pressing the controller.
3. Select "Communication settings" and press the controller.
4. Select "Bluetooth" and press the controller.
5. Select "Phone" and press the controller.
6. Select the desired mobile phone and press the controller.



7. Select "Move device up" and press the controller.
The selected mobile phone is move upward by one position.



Logging mobile phone off vehicle

If you no longer want to operate your mobile phone via the vehicle, you can delete the logon data of the mobile phone.

iDrive, for principle details, refer to page 16.


1. Press the **MENU** button to open the start menu.
2. Open the **i** menu by pressing the controller.
3. Select "Communication settings" and press the controller.
4. Select "Bluetooth" and press the controller.
5. Select "Phone" and press the controller.
6. Select the desired mobile phone and press the controller.



7. Select "Delete device" and press the controller.
The logged-off mobile phone is deleted from the list.
The phone book entries you have transferred from your mobile phone to your vehicle are also deleted in the process.



Activating/deactivating Bluetooth link

 Bluetooth technology is not approved in all countries. Observe the applicable local regulations. Temporarily disconnect the Bluetooth link between the vehicle and the mobile phone if necessary. ◀

If the Bluetooth link is deactivated, you cannot operate your mobile phone via the vehicle and the mobile phone can use other devices with a Bluetooth interface, e.g. a laptop computer.

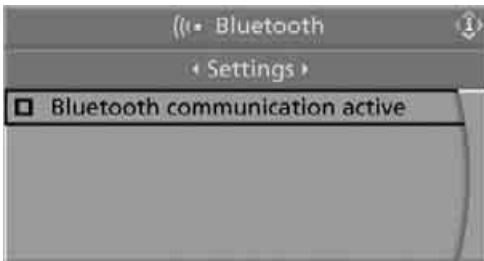
To temporarily deactivate the Bluetooth link between your vehicle and your mobile phone:

1. Remove the mobile phone from the snap-in adapter and switch it off.
2. Press the **MENU** button to open the start menu.
3. Select the **i** menu and press the controller.
4. Select "Communication settings" and press the controller.

- Select "Bluetooth" and press the controller.



- Select "Settings" and press the controller. the Bluetooth link is activated.
- Select "Bluetooth communication active" and press the controller to activate or deactivate the link.



Adjusting volume



Turn the knob during a call to select the desired volume.

This volume for the handsfree system is maintained, even if the other audio sources are set to minimum volume.

You can also adjust the volume with buttons on the steering wheel, refer to page 11.

The setting is stored for the remote control currently in use.

Operation via iDrive

You can operate the following functions via iDrive:

- ▷ Dial the phone number.
- ▷ Dial phone numbers from the phone book.
- ▷ Select stored phone numbers, e.g. from the list of accepted calls.
- ▷ Hang up.

With the ignition and radio readiness switched off, e.g. after removing the remote control, you can continue an ongoing call for a maximum of 25 minutes via the handsfree system.

Requirements

The logon data of the mobile phone are stored in the vehicle and the mobile phone is ready to operate.

The engine is running or the ignition is switched on.

The mobile phone is detected by the vehicle.

iDrive, for principle details, refer to page 16.

- Press the **MENU** button.



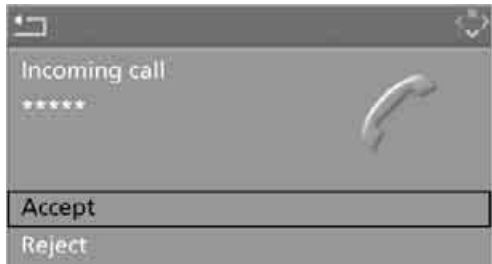
This opens the start menu.

- Move the controller forward to open "Communication".

Receiving calls

If you have the phone number of the caller stored in the phone book and the phone number has been transmitted, the name of the entry is displayed.

Accepting a call



Select "Accept" and press the controller.

Rejecting a call

Select "Reject" and press the controller. The caller is diverted to your mailbox if it has been activated.

Calling

Dialing phone numbers

1. Select "Phone" and press the controller.




2. Select "Dial" and press the controller.
3. Enter the desired phone number by dialing the individual digits and pressing the controller.

Always enter the complete phone number consisting of national dialing code, area code, and phone number.

The letters correspond to the digits on the keypad of the mobile phone.

To delete an incorrect character:

Move the controller to the right to select  and press the controller.

4. Select "Dial number" and press the controller.



Ending a call

1. Select the phone number and press the controller.



2. Select "End call" and press the controller.



Dialing a phone number from phone book or a phone number stored in a list

Phone numbers you have called, incoming calls and the entries of the phone book are stored in lists when the mobile phone is connected to the vehicle via Bluetooth. If the caller is entered in the phone book, the name of the entry is displayed instead of the phone number.

You can select the desired subscriber from the list and establish the connection.

Five lists are available:

- ▷ "A - Z"
The entries of the mobile-phone phone book, consisting of the name and phone number, are sorted alphabetically.
- ▷ "Top 8"
The eight numbers called most frequently from the phone book "A - Z" are automatically stored in the Top 8 list. The list is sorted according to frequency.
- ▷ "Redial"
The last eight phone numbers you have dialed are automatically stored. The last number dialed is at the top of the list.
- ▷ "Missed calls"
The phone numbers of the last eight calls which were not accepted are stored. This requires the telephone number of the caller to have been sent.
- ▷ "Received calls"
The phone numbers of the last eight accepted calls are stored. This requires the telephone number of the caller to have been sent.

Dialing phone numbers from phone book

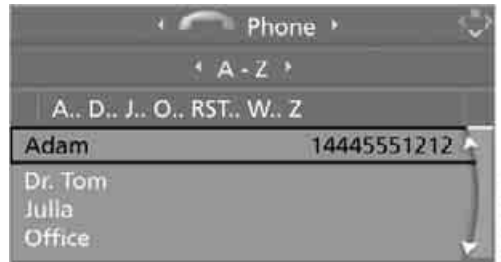
The list "A - Z" is available for you phone book entries. The phone book entries appear on the Control Display.

1. Select "Phone" and press the controller.



2. Select "A - Z" and press the controller.
3. To limit the number of displayed entries, select the first letter of the desired entry and press the controller.

4. Select the desired entry and press the controller.



5. Select "Call" and press the controller.
The system dials the number.

If different phone numbers are stored in the mobile phone under one name, e.g. office and home, the name is shown once for each phone number.

You can change a phone number stored in the phone book, e.g. to call a specific extension:

1. Select "Phone" and press the controller.
2. Select "A - Z" and press the controller.
3. Select the desired entry and press the controller.
4. Select "Add digits" and press the controller.
5. Change the phone number.
6. Select "Dial number" and press the controller.

Dialing phone numbers stored in a list

To select an entry and establish a connection:

1. Select "Phone" and press the controller.
2. Select list and press the controller:
 - ▷ "Top 8"
 - ▷ "Redial"
 - ▷ "Missed calls"
 - ▷ "Received calls"



3. Select the desired entry and press the controller.



3. If applicable, select "Yes" and press the controller.
The list is deleted.



4. Select "Call" and press the controller.
The system dials the number.

Touch tone dialing

The touch tone code is required for access to network services or for controlling devices, e.g. remote checking of an answering machine.

This function is available when a connection has been established.

1. Establish connection.

Deleting individual entries

1. Select the desired entry from the list and press the controller.
2. Select "Delete" and press the controller.
The entry is deleted.



2. Press the controller.
3. Select "Keypad" and press the controller.
4. Select the desired character and press the controller.
Each character is sent immediately and confirmed by a tone depending the mobile phone model.



Deleting the entire list

1. Select an entry from the list and press the controller.
2. Select "Delete all numbers" and press the controller.




Changing between mobile phone and handsfree system

From mobile phone to handsfree system

You can continue calls begun outside the Bluetooth range of the vehicle via the handsfree system when the motor is running or the ignition is switched on. Depending on your mobile phone, the system automatically switches over to the handsfree mode.

For mobile phones that do not automatically switch over to the handsfree mode:

- ▷ You may also be able to continue the conversation via the handsfree system, depending on the mobile phone used. Follow the instructions displayed on the mobile phone display, refer to the operating instructions of your mobile phone.
- ▷ Press the  button above the storage compartment. Switching over may take several seconds.

From handsfree system to mobile phone

When you telephone via the handsfree system, you can also continue the call via the mobile phone if necessary, depending on the mobile phone model. Follow the instructions displayed on the mobile phone display, refer to the operating instructions of your mobile phone.


Operation by voice*

The concept

You can operate your mobile phone without having to remove your hands from the steering wheel. When making your entries, you will be assisted by announcements and questions in many cases.


The same prerequisites as for operation via iDrive apply, refer to page 166.

Symbols in Owner's Manual


-  ›...‹ Say the specified commands word for word.
- ››...‹‹ Indicates responses of the system.

Voice commands

Activating system

1. Press the  button on the steering wheel. An acoustic signal indicates that you can say commands.
2. Say the command.
The text or numbers that the voice command system has registered will appear on the Control Display.

Ending/canceling operation by voice


Press the  button on the steering wheel or

 ›Cancel‹.

In dialogs where text is spoken, not a command, e.g. a name, canceling is only possible using the button on the steering wheel.

Having possible commands read aloud

The system understands default commands that must be spoken word for word. You can have the system read aloud the possible commands at any point:

 ›Help‹.

Using alternative commands

There are often a number of commands to run a function, e.g.:


 ›Dial name‹ or ›Name‹.

The system recognizes digits from zero to nine.

You can say each digit individually or group them into a sequence to accelerate the input.

Example: dialing phone numbers

Start the dialog:

Press the  button on the steering wheel.

Command	Response
›Dial number‹	››Please say the number‹‹
e.g. ›123 456 7890‹	››123 456 7890. Continue?‹‹
›Dial‹	››Dialing number‹‹

Adjusting volume

You can adjust the volume for the instructions from the system:



Turn the button during an instruction to select the desired volume.

This volume for the instructions is maintained, even if the other audio sources are set to minimum volume.

The setting is stored for the remote control currently in use.

Calling

Dialing phone numbers

1. ›Dial number‹.
The dialog for establishing a telephone connection is opened.
2. Say the phone number.
For telephone calls abroad, say ›Plus‹ and then the country code.
3. ›Dial‹.
The connection to the desired subscriber is established.

Correcting phone number

After the last spoken sequence of digits has been repeated by the system, you can delete this sequence of digits.

- ›Correct number‹.
The digits are deleted.

The command ›Correct number‹ can be repeated as often as you like.

Deleting input

›Delete‹ is used to delete all the digits entered so far.

Voice phone book

Operating by voice command requires a personal voice phone book.

- ▶ On vehicles with separate drives for audio CDs and navigation DVDs, the entries are automatically adopted from your mobile phone's memory.
- ▶ On vehicles with a shared drive for audio CDs and navigation DVDs, the entries must be entered by voice and are independent of your mobile phone's memory. In this case, it is not possible to use voice command either to call phone numbers stored in the mobile phone or to store new numbers.

Creating and editing voice phone book*

Save entry:

An entry always consists of a name and phone number.

1. ›Save name‹.
The dialog for storing a name is opened.
2. Speak name and repeat entry upon request.
The spoken length of the names in the phone book must not exceed approx. 2 seconds.
3. Say the phone number when prompted.
4. To store the phone number:
›Save‹.

Delete entry:

You can delete any entry from the voice phone book.

1. ›Delete name‹.
The dialog for deleting an entry is opened.
2. Say the name when prompted.
3. Confirm the prompt with ›Yes‹.

Delete all entries:

›Delete phone book‹ deletes all entries in the phone book.

1. ›Delete phone book‹.
The dialog for deleting phone book is opened.
2. Confirm the prompt with ›Yes‹.
3. Confirm the repeated prompt with ›Yes‹.

Have entries read aloud and select:

You can have all the entries of your voice phone book read aloud in the order of input and select a certain entry to establish a connection:

1. ›Read phone book‹.
The dialog for reading phone book is opened.
2. ›Dial number‹ when the desired entry is read aloud.

Selecting an entry


The connection to the phone number of the selected entry is established.

1. ›Dial name‹.
The dialog for selecting an entry is opened.
2. Say the name when prompted.
3. Confirm the prompt with ›Yes‹.

Redialing

The ›Redial‹ command calls up "Redial".

Notes

 The commands in English were available as of this printing. Other languages are currently not available. To operate the mobile phone via the voice command system, refer to page 22. ◀

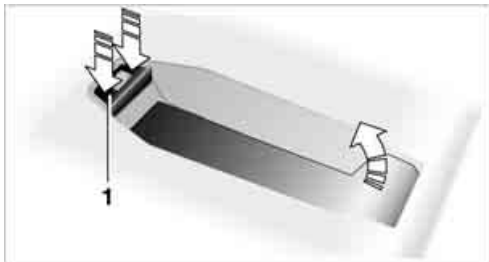
Important for voice commands

For voice commands, keep the following in mind:

- ▷ Issue the commands smoothly and at normal volume, avoiding excessive emphasis and pauses.
- ▷ Keep the doors, windows and glass sunroof closed to prevent interference from ambient noise.
- ▷ Avoid making other noise in the vehicle while speaking.

Mounting/removing snap-in adapter

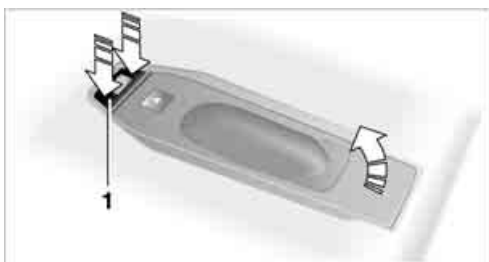
1. Press the area **1** around the button and remove the cover.



2. Insert the snap-in adapter at the front and press down until it engages.

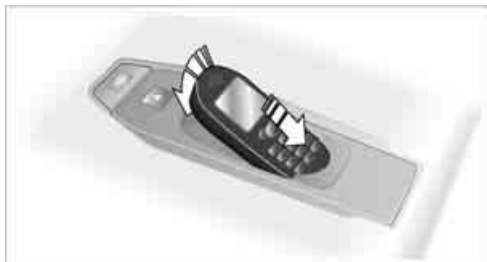


To remove the snap-in adapter:
Press the area **1** around the button.




Inserting mobile phone

1. Remove the protective cap from the mobile phone's antenna connector if necessary, so that the mobile phone can engage in the snap-in adapter.
2. With the keys facing upward, press the mobile phone toward the electrical connections and press down until it engages.

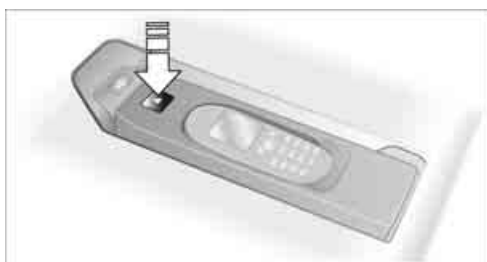


The mobile phone's battery is charged with the ignition switch at radio readiness or higher or with the steering unlocked.

 To protect the vehicle's batteries, avoid using the phone when the ignition is switched off. ◀

Removing mobile phone

Press button.



TeleService* , BMW Assist*

TeleService

TeleService assists you when communicating with a BMW center. The built-in car phone can be used to transmit data regarding the service status of your vehicle or regarding legally mandated inspections directly to your BMW center. This is the same data that is also stored in the remote control for CBS Condition Based Service. Your BMW center can then contact you, and you can make a convenient appointment while your BMW center can prepare in advance for the required maintenance work. The TeleService functions are country-specific: the data regarding the service status of your vehicle or regarding legally mandated inspections is transmitted on a country-specific basis either automatically before they fall due or during your calls to the BMW center. Your BMW center will be glad to provide more detailed information.

BMW Assist

BMW Assist provides you with other services in addition to TeleService. For example, the position data of your vehicle can be transferred to the BMW Assist response center if an emergency call* has been initiated.

Many functions of BMW Assist depend on the individually agreed contract. Data transmission, e.g. of the CBS Condition Based Service, differs from country to country.

The contract of participation with BMW Assist and the activation must be completed before you can use BMW Assist.

When the contract expires, the car phone can be deactivated by a BMW center without your having to visit a BMW center. Following deactivation of the car phone, no emergency calls can be made. The car phone can be reactivated after signing a new contract with a BMW center.

You can also use the services of BMW Assist via the Internet. The range of services is continually being expanded.

Requirements

You can use TeleService or BMW Assist when the following requirements are met:

- ▷ The installed car phone is logged on to a cellular telephone network. This network must be capable of transmitting the services.
- ▷ To transmit position data, the vehicle must be able to determine the current position. This can be displayed on the Control Display.
- ▷ For TeleService or BMW Assist to be activated and updated, the GPS signal must be available.
- ▷ You have applied for BMW Assist through your BMW center or BMW Customer Support.

Enabling TeleService or BMW Assist

For you to be able to use the services of TeleService or BMW Assist, these must be enabled.

Requirements

- ▷ Make sure that the vehicle can determine its current location. Reception is best when you have an unobstructed view to the sky.
- ▷ Leave radio readiness switched on while connecting to the system.

Enabling

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Communication settings" and press the controller.

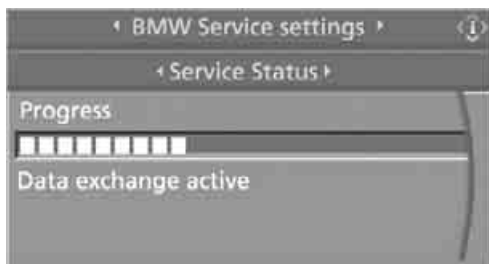
4. Select "BMW Service settings" and press the controller.



5. Select "Service Status" and press the controller.



6. Select "Enable services" and press the controller. TeleService and, if applicable, BMW Assist are enabled; data exchange with the service center starts.



Enabling takes a few minutes. The status is displayed on the Control Display. If you open another menu, the enable process continues to run in the background.

Services offered

The following special features apply for the services of TeleService and BMW Assist:

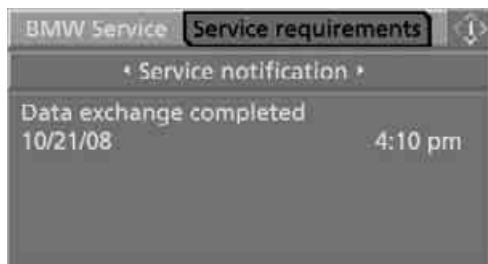
- ▷ The services offered are country-specific.
- ▷ Voice contact is established or data are transferred, depending on the equipment and the country. In some countries, it is possible to do both.
- ▷ The data transferred can be the vehicle data, your current position or the data of the CBS Condition Based Service.

Automatic service notification*

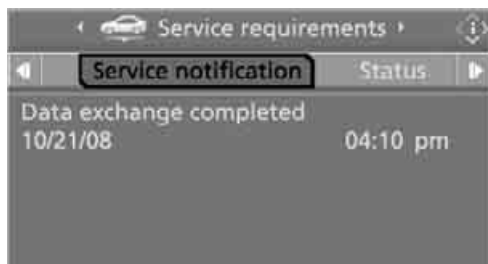
The data on the service status of your vehicle or on legally mandated inspections is transmitted automatically directly to your BMW center prior to the due date. You can check when the BMW center was notified.

iDrive, for principle details, refer to page 16.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Service" and press the controller.
4. Select "Service requirements" and press the controller.



5. Select "Service notification" and press the controller.



Breakdown assistance

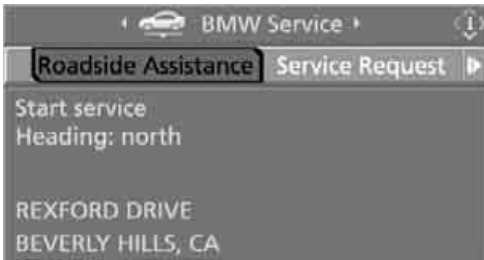
You can call Roadside Assistance* of the BMW Group should you require help in the event of a breakdown.

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller forwards to select "Communication".
3. Select "BMW Assist" and press the controller.
4. Select "BMW Service" and press the controller.



5. Select "Roadside Assistance" and press the controller.



If the current position can be determined, the current vehicle location is displayed.

6. Select "Start service" and press the controller.

Contact with Roadside Assistance will be established.

Establishing contact with your BMW center or BMW Customer Relations

You can contact your BMW center, e.g. to arrange a service appointment.

For information related to your vehicle, call the BMW Customer Relations.

This requires your mobile phone to be logged onto the vehicle.

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Service" and press the controller.
4. Select "BMW Service" and press the controller.
5. Select desired BMW service:
 - ▷ "Service Request"
 - ▷ "Customer Relations"



6. Press the controller.
7. Select "Start service" and press the controller.

Contact with the desired BMW service will be established.

Adapting TeleService or BMW Assist

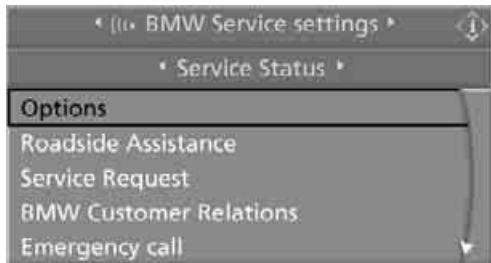
Displaying and updating services

If the offering from TeleService or BMW Assist changes, you will be notified. In this case you should update the services.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Communication settings" and press the controller.
4. Select "BMW Service settings" and press the controller.
5. Select "Service Status" and press the controller.

The current services available from TeleService or BMW Assist are displayed.

6. If applicable, select "Options" and press the controller.



7. Select "Update services" and press the controller.

Terminating services

If you block the services, the connection to BMW Assist is deactivated.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Communication settings" and press the controller.
4. Select "BMW Service settings" and press the controller.
5. Select "Service Status" and press the controller.

6. If applicable, select "Options" and press the controller.
7. Select "Terminate services" and press the controller.

The use of TeleService or BMW Assist is blocked, and the current vehicle position will not be transferred during an emergency call*. To deactivate the blocking function, enabling must be carried out again, refer to page 174. This does not affect the contractual agreements.

The automatic service notification can be disabled separately. Please contact your BMW center for this purpose.

Re-enable TeleService and, if applicable, BMW Assist to log on again.

Displaying vehicle data

When TeleService or BMW Assist is activated, the license plate and the vehicle identification number of your vehicle can be displayed.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Communication settings" and press the controller.
4. Select "BMW Service settings" and press the controller.
5. Select "Profile" and press the controller.



To adjust the license plate number, please contact your BMW center.

BMW Contact*

If you are not activated for BMW Assist, you can display several service phone numbers:

- ▷ Roadside Assistance* of the BMW Group when you require breakdown assistance
- ▷ BMW center, e.g. when you want to make an appointment for service
- ▷ BMW Hotline*, for information on all aspects of your vehicle

If BMW Assist is activated, refer to page 175.

You can select the displayed service phone number if your mobile phone is logged on in the vehicle:

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller forwards to select "Communication".
3. Select "BMW Contact" and press the controller.



4. Select "BMW Contact Numbers" and press the controller.



5. Select one of the following menu items and press the controller:
 - ▷ "Roadside Assistance"
 - ▷ "Customer Relations"
 - ▷ "Service Request"
6. Select "Call" and press the controller.
Contact is established.







Mobility

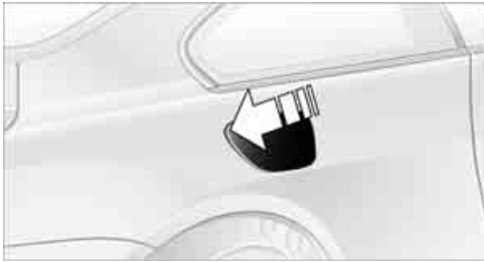
This section helps you maintain your mobility by supplying important information on vital topics including fuels and lubricants, wheels and tires, service, maintenance and breakdown assistance.

Refueling

 Always switch off the engine before refueling; otherwise, no fuel can be dispensed into the tank and a message is displayed. ◀

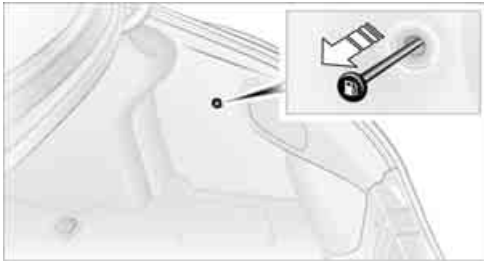
 When handling fuel, always observe all applicable precautionary measures and regulations. Never transport reserve fuel containers in the vehicle. They can leak and cause an explosion or a fire in an accident. ◀

Fuel filler door



To open and close: briefly press the rear edge of the fuel filler door.


Manual release

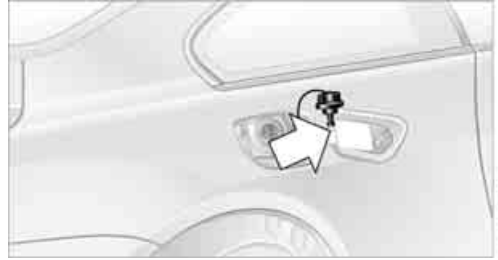


In the event of an electrical malfunction, you can release the fuel filler door manually:

In the luggage compartment, pull the knob with the gas pump symbol on the right side panel.

Observe following when refueling

 When handling fuels always follow any safety guidelines posted at the gas station. ◀



Place the fuel filler cap in the bracket attached to the fuel filler door.


When refueling, insert the filler nozzle completely into the filler pipe. Lifting the filler nozzle during refueling

- ▷ results in premature pump shutoff
- ▷ can lead to reduced efficiency in the fuel-vapor recovery system

The fuel tank is full when the filler nozzle clicks off the first time.

Fuel tank capacity


Approx. 18.5 US gallons/70 liters, including the reserve capacity of approx. 2.1 gallons/8 liters.

 Refuel as soon as possible once your remaining range falls below 30 miles/50 km; otherwise, engine functions are not ensured and damage can occur. ◀


Fuel filler cap

Closing

Insert the cap and turn it clockwise until there is a clearly audible click.

 Do not jam the strap attached to the fuel filler cap between the fuel filler cap and the vehicle. A message is displayed if the cap is loose or missing. ◀

Fuel specifications

 Never used leaded gasoline; it will permanently damage the catalytic converter. ◀

Required fuel

Premium unleaded gasoline


The minimum Octane Rating is 91.

If you use gasoline with this minimum Octane Rating, the engine may produce knocking sounds when starting at high outside temperatures. This has no effect on the engine life.

Minimum Octane Rating corresponds to the Anti Knock Index AKI and is determined according to the so-called (R+M)/2 method.

Use high-quality brands

Field experience has demonstrated significant differences in fuel quality: volatility, composition, additives, etc., among gasolines offered for sale in the United States and Canada. Fuels containing up to and including 10% ethanol or other oxygenates with up to 2.8% oxygen by weight, that is, 15% MTBE or 3% methanol plus an equivalent amount of co-solvent, will not void the applicable warranties with respect to defects in materials or workmanship.

 The use of poor-quality fuels may result in problems relating to drivability and starting, and to a tendency to stall, especially under certain environmental conditions such as high ambient temperature and high altitude.

Should you encounter drivability problems, which you suspect could be related to the fuel you are using, we recommend that you respond by switching to a recognized high-quality brand.

Failure to comply with these recommendations may also result in unscheduled maintenance. ◀

Wheels and tires


Tire inflation pressure


Information for your safety

The condition of the tires and the maintenance of the specified tire pressure are crucial not only to the tire's service life, but also to driving comfort and most importantly, driving safety.

Checking pressure


Only check tire inflation pressure when the tires are cold. This means after a maximum of 1.25 miles/2 km driving or when the vehicle has been parked for at least 2 hours. When tires are warm, the tire inflation pressure increases.

 Check the tire inflation pressure regularly and correct it as needed: at least twice a month and before starting long trips. If you fail to observe this precaution, you may be driving on tires with incorrect tire pressures, a condition that can not only compromise your vehicle's driving stability, but also lead to tire damage and the risk of an accident. ◀

 After correcting the inflation pressure(s), always reinitialize the Flat Tire Monitor, refer to page 88. ◀

Pressure specifications

The tables below provide all the correct inflation pressures for the specified tire sizes at ambient temperature.

 The inflation pressures apply to the tire sizes and tire brands respectively approved and recommended by BMW; a list of these is available from your BMW center. ◀

For correct identification of the right tire inflation pressure for your tires, observe the following:


- ▷ Tire sizes for your vehicle
- ▷ Load conditions
- ▷ Maximum allowable driving speed

Tire inflation pressures for driving up to 100 mph/160 km/h


For normal driving up to 100 mph/160 km/h adjust pressures to the respective tire inflation pressures listed on the following pages in the column for traveling speeds up to a max. of 100 mph/160 km/h to achieve optimum driving comfort.

These pressure specifications can be found on the door post when you open the driver's door.






 The permissible top speed for these tire inflation pressures is 100 mph/160 km/h. Do not exceed this speed; otherwise, tire damage and accidents may result. ◀

Tire inflation pressures for driving above 100 mph/160 km/h

 In order to drive at maximum speeds in excess of 100 mph/160 km/h, please note the tire pressures for speeds exceeding 100 mph/160 km/h listed in the relevant column of the table on the following pages and adjust your tire inflation pressures as needed. Otherwise tire damage and accidents could occur. ◀




Observe all national and local maximum speed limits, otherwise violations of the law could occur.

Tire inflation pressures for the 650i Coupe

Tire size	Pressure specifications in psi/kPa						
	Traveling speeds up to a max. of 100 mph/160 km/h		Traveling speeds including those exceeding 100 mph/160 km/h				
All pressure specifications in the table are indicated in psi/kilopascal with cold tires. Cold = ambient temperature							
	245/45 R 18 96 V M+S	30/210	33/230	30/210	33/230	33/230	39/270
	245/50 R 17 99 H M+S						
	Front: 245/45 R 18 96 W	30/210	33/230	30/210	33/230	33/230	39/270
	Rear: 275/40 R 18 99 W						
Front: 245/40 R 19 94 W	30/210	33/230	30/210	33/230	33/230	39/270	
Rear: 275/35 R 19 96 W							
Front: 245/35 R 20 91 W	30/210	33/230	30/210	33/230	33/230	39/270	
Rear: 275/30 R 20 93 Y							

More details on the permissible load and weights can be found on page [210](#).

Tire inflation pressures for the 650i Convertible

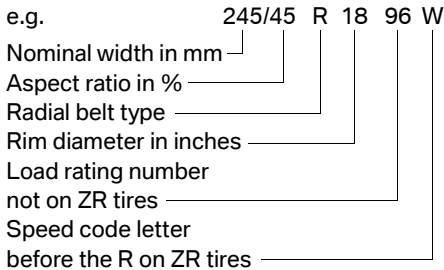
Tire size	Pressure specifications in psi/kPa						
	Traveling speeds up to a max. of 100 mph/160 km/h		Traveling speeds including those exceeding 100 mph/160 km/h				
All pressure specifications in the table are indicated in psi/kilopascal with cold tires. Cold = ambient temperature							
	245/45 R 18 96 V M+S	32/220	38/260	32/220	38/260	39/270	46/320
	245/50 R 17 99 H M+S						
	Front: 245/45 R 18 96 W	32/220	38/260	32/220	38/260	39/270	46/320
	Rear: 275/40 R 18 99 W						
Front: 245/40 R 19 94 W	32/220	38/260	32/220	38/260	39/270	46/320	
Rear: 275/35 R 19 96 W							
Front: 245/35 R 20 91 W	32/220	39/270	32/220	38/260	39/270	46/320	
Rear: 275/30 R 20 93 Y							

More details on the permissible load and weights can be found on page [210](#).

Tire identification marks

Knowledge of the labeling on the side of the tire makes it easier to identify and choose the right tires.

Tire size



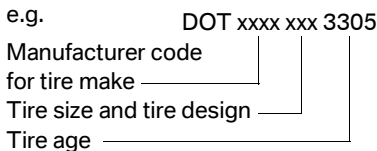
Speed letter

- T = up to 118 mph/190 km/h
- H = up to 131 mph/210 km/h
- V = up to 150 mph/240 km/h
- W = up to 167 mph/270 km/h
- Y = up to 186 mph/300 km/h

Tire Identification Number

Tires with DOT codes meet the guidelines of the U.S. Department of Transportation.

DOT code:



Tire age

The tire's date of manufacture is indicated on the sidewall:

DOT ... 3305 indicates that a tire was manufactured in week 33 of the year 2005.

BMW recommends replacing all tires at least every 6 years, even if some tires may last for 10 years.


Uniform Tire Quality Grading

Quality grades can be found where applicable on the tire sidewall between tread shoulder and maximum section width. For example:

Tread wear 200 Traction AA
Temperature A

DOT Quality Grades

Tread wear
Traction AA A B C
Temperature A B C

 All passenger car tires must conform to Federal Safety Requirements in addition to these grades. ◀

Tread wear


The tread wear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course.

For example, a tire graded 150 would wear one and one-half, 1½, times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction


The traction grades, from highest to lowest, are AA, A, B, and C.

These grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

 The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics. ◀

Temperature

The temperature grades are A, the highest, B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

 The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure. ◀

RSC – run-flat tires

You will recognize run-flat tires by a circular symbol containing the letters RSC on the side of the tire, refer to page [188](#).

M+S

Winter and all-season tires. These have better winter properties than summer tires.

Tire condition

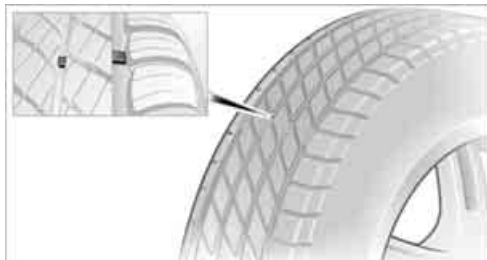
Inspect your tires frequently for tread wear, signs of damage and foreign objects lodged in the tread, and check the tread depth.

Minimum tread depth

The tread depth should not fall below 0.12 in/3 mm, although, for example, European legislation only specifies a minimum tread depth of 0.063 in/1.6 mm.

At tread depths below 0.12 in/3 mm, there is an increased risk of high-speed hydroplaning,

even when only small amounts of water are present on the road surface. Winter tires noticeably lose their suitability for winter use below a tread depth of 0.16 in/4 mm. New tires should be mounted in the interest of safety.




Wear indicators at the tread-groove base, refer to arrow, are distributed over the tire's circumference and are marked on the side of the tire with TWI – Tread Wear Indicator. If the tire tread is worn down to the wear indicators, then the legally permissible tread depth limit of 0.063 in/1.6 mm has been reached.

Wheel/tire damage

Please note that low-profile tires cause wheels, tires and suspension parts to be more susceptible to road hazards and consequential damages.

Unusual vibrations encountered during normal vehicle operation can indicate tire failure or some other vehicle defect. This can, for example, be caused by driving over curbs. These kinds of problems may also be signaled by other changes in vehicle response, such as a strong tendency to pull to the left or right.

 In these cases reduce your speed immediately and have the wheels and tires inspected immediately. To do this, carefully drive to the nearest BMW center or a specialized tire dealer that works in accordance with BMW guidelines and uses appropriately trained personnel. Have the vehicle towed to the repair shop if necessary. Tire damage can be extremely dangerous to vehicle occupants and other road users. ◀

Run-flat tires




You will recognize run-flat tires by the circular symbol containing the letters RSC on the side of the tire.


Run-flat tires consist of self-contained tires and special rims. The sidewall reinforcement ensures that the tire retains some residual safety in the event of pressure drop and driving remains possible to a restricted degree.

For continued driving with damaged tires, refer to Indication of a flat tire, page 89.


New wheels and tires

 Only have new wheels and tires mounted by a BMW center or a repair shop that works in accordance with BMW guidelines and uses appropriately trained personnel. If this work is performed inexpertly, there is a danger of damage and associated safety risks. Make sure that the new wheels are balanced. ◀

Retreaded tires

 BMW does not recommend the use of retreaded tires; otherwise, driving safety may be reduced. Potentially substantial variations in the design and the age of the carcasses can result in a reduced service life. ◀

The right wheels and tires

 BMW recommends that you use only wheel and tire combinations that BMW has tested and approved for your particular vehicle. Variations in factors such as manufacturing tolerances mean that even wheels and tires with identical official size ratings could actually have different dimensions than the

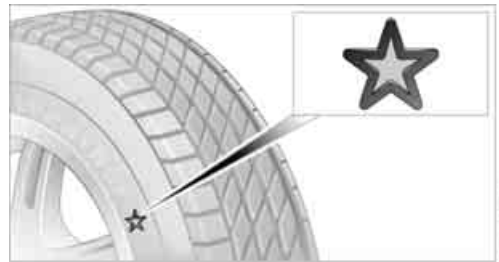
approved units – these differences could lead to body contact, and with it the risk of severe accidents. If non-approved wheels and tires are used, BMW cannot evaluate their suitability, and therefore cannot be held liable for driving safety. ◀

You can find out the right wheel-tire combination from your BMW center.

The right wheel-and-tire combination is another vital factor in ensuring reliable operation of various vehicle systems such as ABS and DSC.

To maintain good handling and vehicle response, use only tires of a single tread configuration from a single manufacturer. After a tire is damaged, always remember to have the original wheel and tire combination remounted on the vehicle as soon as possible.

Recommended tire brands




BMW recommends particular tire brands for each tire size. You can recognize these from the clearly visible BMW marking on the tire sidewall.

With proper use, these tires meet the highest standards for safety and handling characteristics.

Run-flat tires

When installing new tires or when changing from summer tires to winter tires, for your own safety, use run-flat tires. No spare wheel is provided in the event of a flat. Your BMW center will be glad to advise you.

 For safety reasons, BMW recommends that you do not have damaged run-flat tires repaired; they should be replaced. ◀

Special characteristics of winter tires

BMW recommends winter tires for use in cold winter driving conditions. Although all-season M+S tires provide better winter traction than summer tires, they generally fail to provide the same levels of cold-weather performance as winter tires.

Watch speed



Always observe the maximum permissible speed for the winter tires, otherwise tire damage may occur, which can result in accidents. ◀

Storage

Always store wheels and tires in a cool, dry place with as little exposure to light as possible. Always protect tires against all contact with oil, grease and fuels. Do not exceed the maximum tire inflation pressure indicated on the side wall of the tire.

Snow chains*

BMW only tests certain fine-link snow chains, classifies them as road-safe and recommends them. Consult your BMW center for more information.

These snow chains are approved exclusively for use in pairs on the rear wheels with the tire size:

- ▷ 245/50 R 17 Y
- ▷ 245/45 R 18 Y

Follow the chain manufacturer's instructions when installing snow chains. Do not exceed a vehicle speed of 30 mph/50 km/h with the chains installed.



Do not initialize the Flat Tire Monitor after installing snow chains as this could cause the Flat Tire Monitor to malfunction.

When you are driving with snow chains, it can be beneficial to switch off DTC briefly, refer to page 87. ◀

Under the hood

⚠ Never attempt to perform any service or repair operations on your vehicle without the required professional technical training. If you are unfamiliar with the specifications to be observed, only have work carried out on your vehicle by a BMW center or a repair shop that works in accordance with BMW guidelines and uses appropriately trained personnel. Otherwise there is a danger of damage and associated safety risks if this work is performed improperly. ◀

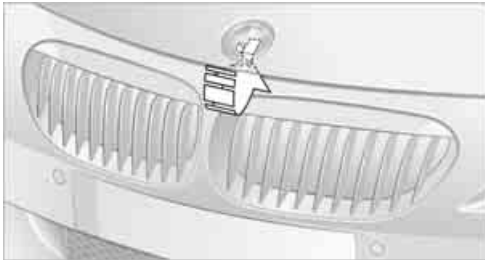
Hood

Releasing



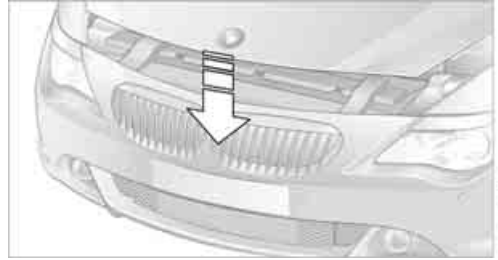
Pull lever.

Opening



Press the release handle and open the hood.

Closing

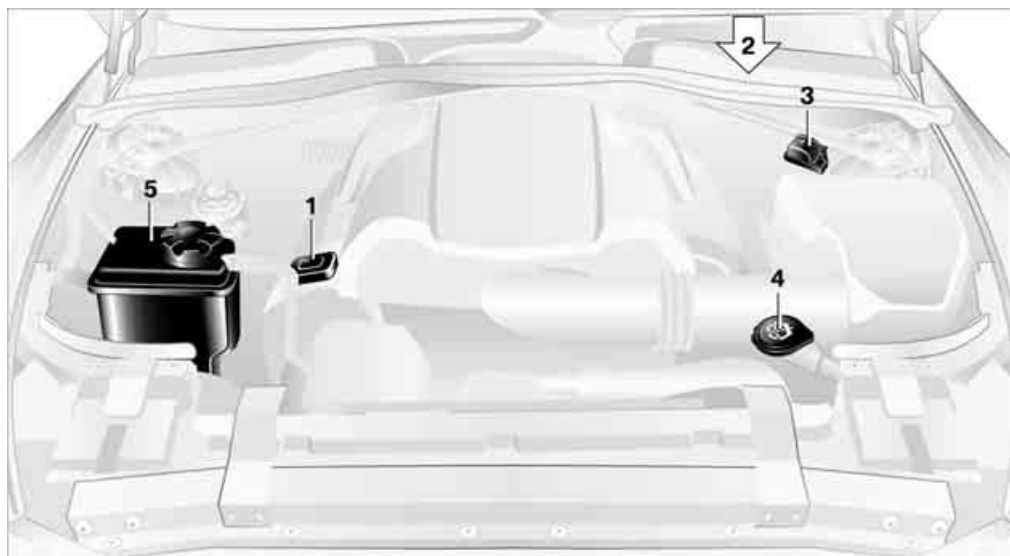


Close the hood with momentum, releasing it from a height of approx. 16 in/40 cm. It must be clearly heard to engage.

⚠ Make sure that the closing path of the hood is clear; otherwise, injuries may result.

If you see any signs that the hood is not completely closed while you are driving your vehicle, you should stop at once and close it securely. ◀

Engine compartment



- 1 Filler neck for engine oil, refer to Topping off engine oil
- 2 Brake fluid reservoir, located beneath the microfilter cover, refer to page 193
- 3 Jump-starting terminal, refer to page 203
- 4 Washer fluid reservoir of the headlamp and windshield cleaning systems, refer to page 66
- 5 Expansion tank for coolant, refer to page 193

Engine oil

Engine oil consumption depends on driving style and driving conditions.

Checking engine oil level

Your vehicle is equipped with an electronic oil level check.

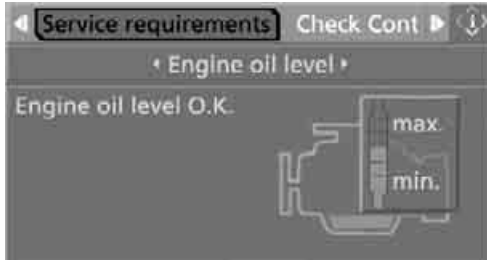
The condition for the most accurate indication of the oil level possible is measurement with the engine at operating temperature, i.e. following an uninterrupted drive of at least 6 miles/10 km. You can display the oil level on the Control Display while driving or when stopped on a level surface with the engine running.

iDrive, for principle details, refer to page 16.

1. Press the **MENU** button. This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Service" and press the controller.



- Select "Service requirements" and press the controller.

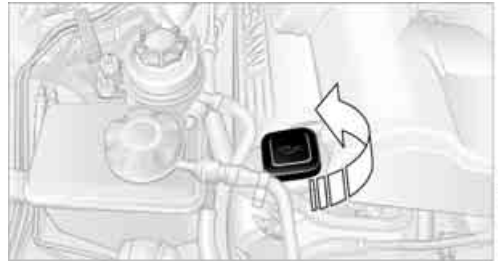


- Select "Engine oil level" and press the controller. The oil level is displayed.

Possible messages

- ▷ "Engine oil level O.K."
- ▷ "No measured value available: Updating engine oil level measurement...": Engine oil level is being measured. This process can take approx. 3 minutes when stopped on a level surface and approx. 5 minutes while driving.
- ▷ "Oil level at the minimum! Refill with 1 quart engine oil.": Add 1 quart/liter of engine oil at the next opportunity.
- ▷ "Engine oil level too high":
 - ⚠ Have the vehicle checked immediately; otherwise, engine damage may result if too much oil has been added.◀
- ▷ "Please observe recalculated service interval for engine oil": Do not add engine oil. Continued driving is possible. To do this, observe the recalculated remaining mileage until the next oil change service, refer to page 195. Have the system checked as soon as possible.

Topping off engine oil



Do not add 1 quart/1 liter of oil until a corresponding message appears on the Control Display.

⚠ Add oil within the next 125 miles/200 km, otherwise engine damage could result.◀

⚠ Continuous contact with used oil has caused cancer in laboratory tests.

For this reason, thoroughly wash exposed areas of skin with soap and water after such work. Keep oil, grease, etc. out of reach of children and heed warnings on containers. Failure to do so could pose health risks.◀

Oil change

Have oil changes carried out only by a BMW center or a repair shop that works in accordance with BMW guidelines and uses appropriately trained personnel.

Approved engine oils


The quality of the engine oil selected has critical significance for the operation and service life of an engine. BMW continuously approves specific oils after confirming their suitability for use in its vehicles with extensive testing.

Use only approved BMW High Performance Synthetic Oil.

If BMW High Performance Synthetic Oil is unavailable, you can add small quantities of other synthetic oils between oil changes. Use only oils of the specification API SH or higher.

▷ Your BMW center will be happy to answer detailed questions on BMW High Performance Synthetic Oil or approved synthetic oils.◀


You can also call BMW of North America at 1-800-831-1117 or visit the website at www.bmwusa.com to obtain this information.

 Do not use oil additives; under some circumstances, they can harm your engine. ◀

Viscosity grades


The viscosity is a measure of the thickness of the oil and is specified in SAE grades.

The choice of the right SAE grade is based on the climatic conditions in the region in which you normally drive your BMW.


 Approved oils belong to the SAE grades 5W-40 and 5W-30. ◀


These oils can be used for driving at all outside temperatures.

Coolant

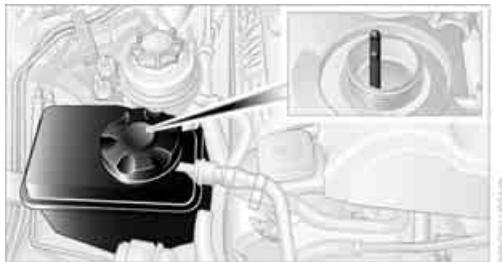
 Do not open the cooling system when the engine is hot. Escaping coolant can cause burns. ◀

Coolant consists of water and coolant additive. Not all commercially available additives are suitable for your BMW. Ask your BMW center for suitable additives.

 Only use suitable additives; otherwise, engine damage may result. The additives present a health hazard. ◀

 Always observe all applicable environmental laws and regulations when disposing of used coolant additives. ◀

Checking coolant level




1. The engine must be at ambient temperature.
2. Turn the cap of the expansion tank counterclockwise to allow any accumulated pressure to escape, then continue turning to open.
3. The coolant level is correct when it lies between the Min and Max mark, also refer to the drawing next the filler neck.
4. If the coolant is low, slowly add coolant up to the specified level – do not overfill.
5. Turn the cap until it clicks.
6. Have the reason for the coolant loss eliminated as soon as possible.

Brake system


Malfunction


Brake fluid

 The warning lamp lights up in red in spite of the handbrake being released; a message appears on the Control Display.


Stop the vehicle immediately.

The brake fluid in the reservoir has fallen to below the minimum level. At the same time, a significantly longer brake pedal path may be noticeable. Have the system checked immediately by a BMW center.


 Warning lamp for Canadian models.


 When you continue driving, an increased brake pedal path can be necessary, and significantly longer braking distances may be required. Please adapt your driving style accordingly. ◀

Brake pads

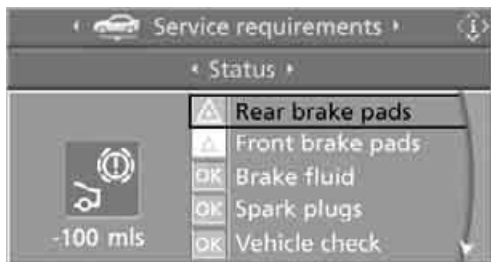
 The warning lamp lights up in red in spite of the handbrake being released; a message appears on the Control Display.

The brake pads have reached their minimum pad thickness. Have the brake pads replaced as soon as possible.

 Warning lamp for Canadian models.

 For your own safety: use only brake pads that BMW has approved for your particular vehicle model. As BMW cannot assess the suitability of other brake pads for use on your vehicle, BMW is unable to assume continued responsibility for the vehicle's operating safety if non-approved pads are installed. ◀

The BMW Maintenance System



The BMW Maintenance System supports the preservation of the traffic and operating safety of your BMW. The service schedule also includes operations related to the vehicle's comfort and convenience features, such as replacement of the filters for the inside air. The ultimate objective is to ensure economical maintenance by providing the ideal service for your vehicle.

Should the day come when you decide to sell your BMW, you will find that a complete dealer service history is an asset of inestimable value.

CBS Condition Based Service

Sensors and special algorithms take the different driving conditions of your BMW into account. Condition Based Service uses this to determine the current and future service requirements. By letting you define a service and maintenance regimen that reflects your own individual requirements, the system builds the basis for trouble-free driving.

You can set the Control Display to show remaining distances and times of selected maintenance intervals and legally mandated deadlines, refer to page 77:


- ▷ Engine oil
- ▷ Brakes, front and rear separately
- ▷ Microfilter/activated-charcoal filter
- ▷ Brake fluid

- ▷ Spark plugs
- ▷ Vehicle check
- ▷ Legally required tests depending on local regulations

Service data in remote control


Your vehicle stores this information continuously in the remote control while the vehicle is being driven. After accessing the data stored in the remote control, your BMW Service Advisor can suggest precisely the right array of service procedures for your own individual vehicle.

For this reason, when you take your vehicle in for service, you should give the BMW Service Advisor the remote control last used to drive it.

 Make sure the date in the iDrive is always set correctly, refer to page 83; otherwise, the effectiveness of CBS Condition Based Service is not ensured. ◀

Service and Warranty Information Booklet for US models and Warranty and Service Guide Booklet for Canadian models

Please consult your Service and Warranty Information Booklet for US models and Warranty and Service Guide Booklet for Canadian models for additional information on service requirements.

 Have service and repair operations performed at your BMW center.

Take the time to ensure that these service procedures are confirmed by entries in your vehicle's Service and Warranty Information Booklet for US models and Warranty and Service Guide Booklet for Canadian models. These entries verify that your vehicle has received the specified regular maintenance, and may also be required when submitting warranty claims. ◀

Socket for OBD Onboard Diagnostics interface



A diagnostics device can use the OBD socket to check components critical to exhaust composition.

This socket is located under a cover on the left side of the driver's footwell, directly under the dashboard.

Exhaust-gas values



The warning lamp lights up. The exhaust-gas values are deteriorating.

Have the vehicle checked as soon as possible.



Display of the previously described malfunction on Canadian models.

The lamp flashes under certain conditions. This is a sign of excessive misfiring of the engine. In this case, you should reduce speed and drive to the nearest BMW center as soon as possible. Heavy engine misfiring causes serious damage to the emission-relevant components, especially the catalytic converter, within a short time.



If the fuel filler cap is not properly tightened, the OBD system can detect the escape of fuel vapor. This causes a display to light up. If the cap is then tightened, the display should go out within a few days. ◀

Event Data Recorders

Your vehicle may be equipped with one or several measuring and diagnosis modules, or with a device for recording or transmitting certain vehicle data or information. If you have also subscribed to a BMW Assist plan, then certain vehicle data can be transmitted or recorded to enable corresponding services.

Care

Important information on care and maintenance of your BMW is contained in the Caring for your vehicle brochure.

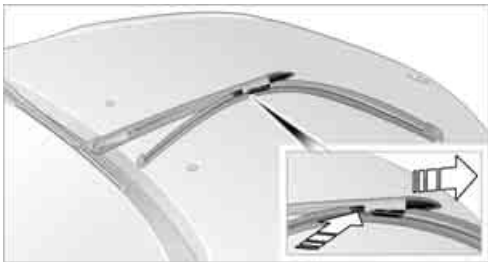
Replacing components

Onboard tool kit



The onboard tool kit is located in the luggage compartment under the floor mat.

Wiper blade replacement



1. Fold the wiper arm out and grasp it firmly.
2. Press the locking tabs together while sliding the wiper blade toward the front to disengage it.
3. Insert the new wiper blade and slide it in until it audibly clicks into place.

Lamps and bulbs

Lamps and bulbs make an essential contribution to driving safety. You must be duly diligent in replacing them. If you are not familiar with the specified procedures, have the corresponding work carried out at your BMW center.

⚠ Never touch the glass on new bulbs with your bare fingers, as even minute amounts of contamination will burn into the bulb's surface and reduce its service life. Use a clean cloth, napkin, etc., or hold the bulb by its metal socket. ◀

You can obtain a selection of replacement bulbs at your BMW center.

⚠ Whenever you perform any work on the electrical system, turn off the electrical devices involved to prevent short circuits from occurring.

To avoid possible injury or equipment damage when replacing bulbs, follow any instructions provided by the bulb manufacturer. ◀

When performing maintenance on the headlamps, follow the instructions in the separate Caring for your vehicle brochure.

⚠ In the case of bulbs whose replacement is not described, please consult your BMW center. ◀

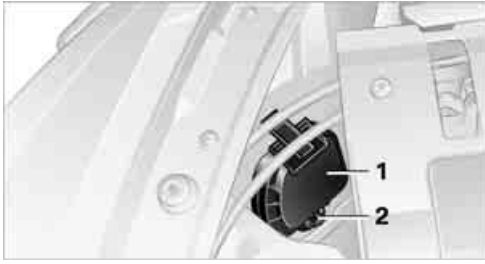
Xenon lamps

The service life of these lamps is very long and the probability of a failure is very low, provided that they are not switched on and off an unusual number of times. In the unlikely event that one of these lamps should fail, you can continue driving under poor visibility conditions by switching on your fog lamps and proceeding carefully, where allowed by law.

⚠ Have work on the xenon lighting system, including bulb changes, carried out only by a BMW center. Due to the high voltage involved, there is a danger to life and limb when work is carried out improperly. ◀

⚠ For checking and adjusting headlamp aim, please contact your BMW center. ◀

High beams, parking lamps




The illustration shows the front left side of the engine compartment.

High beams


Bulb 55 watts, H 7

1. Remove the cover cap **1** by pressing the tab and removing the cover cap upward.
2. Press the bulb holder from above to release it.
3. Remove the bulb holder.
4. Remove and replace the bulb.

 The lamp H7 is pressurized; wear eye protection and protective gloves. Otherwise, there is the risk of bodily injury if the lamp is damaged. ◀

Parking lamps

Bulb 10 watts

 Bulb holder and reflector are one unit and are replaced together. ◀

1. Turn the bulb holder **2** to the right and remove.
2. Press the snap connection on the plug connector, pull off the bulb holder and replace.

Front turn signal, sidemarker

Your BMW is equipped with two turn signal lamps per side in the front.

Turn signal lamp 1

Bulb 21 watts, WY 21 SV

The illustration shows the front right side of the engine compartment.

1. Press the lever shown:
 - ▷ downward for the right turn signal
 - ▷ upward for the left turn signal



2. Remove the bulb holder towards the rear.
3. Remove and replace the bulb.

Turn signal lamp 2

Bulb 21 watts, WY 21 SV

The bulb for the turn signal lamp 2 can be replaced via the wheel well.

The illustration shows the front left side of the vehicle.

1. Turn the steering all the way to be able to remove the cover, refer to illustration.
2. Turn off the light, switch off the ignition and remove the remote control from the ignition lock.
3. Unscrew the two bolts using the open-end wrench from the onboard tool kit, refer to page 197.

- Turn the bulb holder to the left and remove, refer to arrow.



- Remove and replace the bulb.

Sidemarkers

Bulb 5 watts, WY5W ST

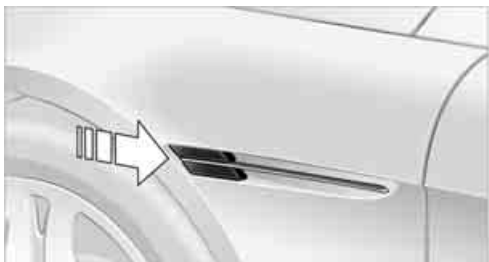
The bulb can be replaced via a cover at the front of the wheel well, refer to the description for turn signal lamp 2.

- The bulb holder of the sidemarkers lamp is located toward the outside of the vehicle next to the bulb holder of turn signal lamp 2.
- Turn the bulb holder to the left and remove.
- Remove and replace the bulb.

Side turn signals

Bulb 5 watts, WY 5 W

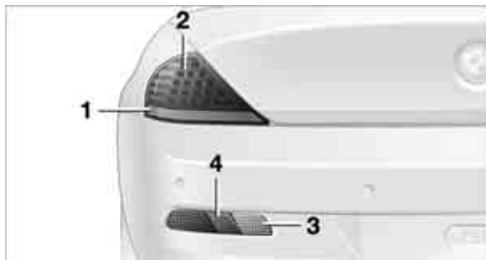
- Press against the front edge of the lamp with the tip of your finger, then push it to the rear, release the snap connection at the front and take it off the trim strip.



- Turn the bulb holder to the left by 90° and remove.
- Remove and replace the bulb.

Tail lamps

The roadside parking, rear and brake lamps are LEDs. The backup lamps are equipped with long-life bulbs. Please contact a BMW center in case of a malfunction. ◀



- Turn signals
- Roadside parking, rear and brake lamp
- Backup lamp
- Reflector

Rear turn signals



Bulb 21 watts, PY 21 W

The illustration shows the recess on the left side of the luggage compartment.

- Remove the cover.
- Unclip the bulb holder and remove.
- Apply gentle pressure to the bulb while turning it to the left for removal and replacement.

License plate lamps




Bulb 5 watts, WY 5 W

1. Push a screwdriver from the left under the lamp and pry out the lamp toward the right.
2. Turn the bulb holder to the left by 90° and remove.
3. Remove and replace the bulb.

Light-emitting diodes LEDs

Light-emitting diodes installed behind translucent lenses serve as the light source for many of the controls and displays in your vehicle. These light-emitting diodes, which operate using a concept similar to that applied in conventional lasers, are officially designated as Class 1 light-emitting diodes.

 Do not remove the covers, and never stare into the unfiltered light for several hours, as irritation of the retina could result. ◀

Changing a wheel

Your BMW is equipped with run-flat tires as a standard feature. An immediate wheel change in the event of a flat tire is therefore no longer required.


For continued driving with damaged tires, refer to Indication of a flat tire, page 89.

You will recognize run-flat tires by a circular symbol containing the letters RSC on the side of the tire, refer to Run-flat tires on page 188.

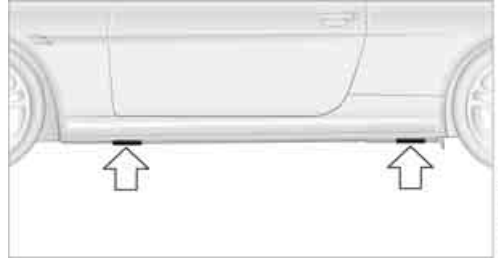
If you have new tires mounted or switch from summer to winter tires, or vice versa, use run-flat tires because no spare tire is provided in

case of a flat. Your BMW center will be glad to advise you.

Also refer to New wheels and tires, page 188.

 The suitable tools for changing tires are available as accessories from your BMW center. ◀

Car jacking points



The jacking points for the car jack are located in the positions shown.

Vehicle battery

Maintenance


The battery is 100% maintenance-free, i.e., the electrolyte will last for the life of the battery when the vehicle is operated in a temperate climate.

Your BMW center will be glad to advise in all matters concerning the battery.

Charging battery

Only charge the battery in the vehicle via the terminals in the engine compartment with the engine switched off. For the connections, refer to Jump starting on page 203.

Disposal

 After replacement, have old batteries disposed of by your BMW center or deposit them at a recycling center. Maintain the battery in an upright position for transport and storage. Always secure the battery to prevent it from tipping over during transport. ◀

Power failure

Following a temporary interruption of the power supply, the operation of some equipment is limited and must be reinitialized. Individual settings are also lost and must be updated:

- ▶ Seat, mirror and steering wheel memory
The position must be stored again, refer to page 49.
- ▶ Time and Date
The values must be updated, refer to page 82.
- ▶ Radio
Stations must be stored again if necessary, refer to page 146.
- ▶ Navigation system
Wait until the system starts, refer to page 137.

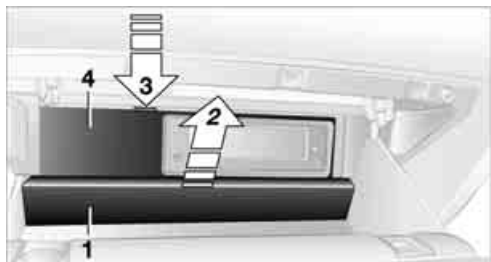
Fuses

⚠ Never attempt to repair a blown fuse, and do not replace a defective fuse with a substitute of another color or amperage rating, as this could lead to overloading of the wiring, ultimately resulting in a fire in the vehicle. ◀

Spare fuses and a pair of plastic tweezers are located in the compartment for the onboard tool kit, refer to page 197.

Information on fuse allocation is located below the bracket for the onboard tool kit, see below.

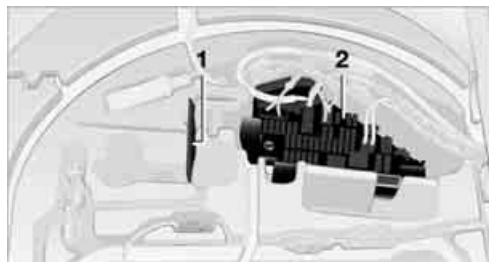
In glove compartment



1. Press the button on the back in the center of partition 1 and pull out the partition upward, arrow 2.

2. Press the coupling downward, arrow 3, and fold the lid 4 forward.

In luggage compartment



Fold the cover under the floor mat upward and remove the bracket for the onboard tool kit. Information on fuse allocation 1 and additional fuses 2 are provided there.

Giving and receiving assistance

Emergency call

Conditions for an emergency call:

- ▷ Full mobile phone preparation package
- ▷ BMW Assist is activated.
Activating BMW Assist, refer to page 174.
- ▷ Radio readiness is activated.
- ▷ The car phone is logged on to a cellular telephone network.
- ▷ The emergency call system is operable.

When the contract for your BMW Assist plan expires, a BMW center can deactivate the car phone without your having to visit a workshop. Following deactivation of the car phone, no emergency calls can be made. The car phone can be reactivated after signing a new contract with a BMW center.

Initiating an emergency call

1. Briefly press protective cover to open.
With some vehicle equipment packages or in the Convertible, the arrangement of the switches and indicator lamps may differ somewhat.




2. Press the button for at least 2 seconds.
The LED in the button lights up. As soon as the voice connection to the BMW Assist emergency call center has been established, the LED flashes.

If conditions allow, remain in the vehicle until the connection has been established. You will then be able to provide a detailed description of the situation.

If the current location of your vehicle can be determined, it will be forwarded to the BMW Assist emergency call center.

If the LED flashes, but you are unable to hear the BMW Assist emergency call center through the handsfree system, this could indicate, for instance, that the handsfree system is no longer operational. But the emergency call center is still able to hear you.

Under certain conditions, an emergency call is automatically initiated immediately after a severe accident. The automatic emergency call is not affected by the button being pressed.

 For technical reasons, the emergency call cannot be guaranteed under the most unfavorable conditions. ◀

Warning triangle*



The warning triangle can be found in the luggage compartment on the left side.

First-aid kit*

The first-aid kit is located in the filler element of the rear seat backrest.

1. Press the button downward and pull the filler element forward.



2. Take out first-aid kit.



! To refit the filler element, insert the two bottom tabs into the strip and press the filler element back into place. Make sure that you do not damage the rear seat upholstery. ◀
Some of the articles contained in the first-aid kit have a limited service life. For this reason, check the expiration dates of each of the items regularly and replace any whose expiration dates have passed.

Roadside Assistance*

The Roadside Assistance of the BMW Group offers you assistance in the event of a breakdown around the clock, including on weekends and public holidays.

The phone numbers of the Roadside Assistance in your home country can be found in the BMW Contact directory.

In the case of vehicles with BMW Assist or TeleService, you can contact the Roadside Assistance of the BMW Group for assistance in the event of a breakdown directly via iDrive, refer to page 176.

Jump starting

When your battery is discharged, you can use two jumper cables to start your BMW with power from the battery in a second vehicle. You can also use the same method to help start another vehicle. Use only jumper cables with fully-insulated clamp handles.

! To avoid the risk of potentially fatal injury, always avoid all contact with electrical components while the engine is running. Carefully adhere to the following sequence, both to prevent damage to one or both vehicles, and to guard against possible personal injuries. ◀

Preparing

1. Check whether the battery of the other vehicle has a voltage of 12 Volts and approximately the same capacitance in Ah. This information can be found on the battery.
2. Switch off the engine of the vehicle providing assistance.
3. Switch off all electrical accessories in both vehicles.

! There must not be any contact between the bodies of the two vehicles; otherwise, there is a danger of short circuiting. ◀

Connecting jumper cables

! To avoid personal injury from sparks, follow this sequence when connecting jumper cables. ◀

In your BMW, the so-called auxiliary terminal for jump starting in the engine compartment serves as a positive terminal for the battery, also refer to engine compartment overview on page 191. The cover is marked with a +.

1. Fold open the cover of the BMW jump-starting terminal. To do so, pull the tab.



2. Attach one end of the jumper cable plus/+ to the positive terminal of the battery or a jump-starting terminal of the vehicle providing assistance.
3. Attach the second end of the cable to the positive terminal of the battery or to a jump-starting terminal of the vehicle to be started.
4. Attach one end of the jumper cable minus/- to the negative terminal of the battery or to an engine or body ground of the vehicle providing assistance. Your BMW has a special nut as body ground or negative terminal.



5. Attach the second end of the cable to the negative terminal of the battery or to the engine or body ground of the vehicle to be started.

Starting engine

1. Start the engine on the assisting vehicle and allow it to run at idle for several minutes at slightly increased speed.
2. Start the engine on the other vehicle in the usual way.
If the first start attempt is not successful, wait a few minutes before another attempt in order to allow the discharged battery to recharge.
3. Let the engines run for a few minutes.
4. Disconnect the jumper cables by reversing the connection sequence.

If required, have the battery inspected and recharged at your BMW center.

Never use spray fluids to start the engine. ◀

Tow-starting and towing

Observe applicable laws and regulations for tow-starting and towing. ◀

Do not transport any passengers other than the driver in a vehicle that is being towed. ◀

Using tow fitting

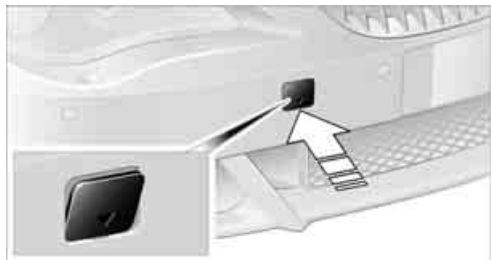
The threaded tow fitting is stored in the tool kit mounted on the inside of the luggage compartment under the floor mat, refer to page 197, and should always remain in the vehicle. It can be screwed in at the front or rear of the BMW.

Only use the tow fitting that comes with the vehicle and screw it in as far as possible. Use the tow fitting for towing only on roads. Avoid lateral loading of the tow fitting, e.g. do not lift the vehicle by the tow fitting. Otherwise the tow fitting and vehicle can be damaged. ◀

Access to screw thread

Rectangular cover in bumper:
Press the arrow symbol on the cover.

Front



Rear



Being towed

! Make sure that the ignition is switched on, refer to page 58; otherwise, the low-beam headlights, tail lights, turn signals and wind-shield wipers would not be available. If the vehicle electrical system fails, do not tow-start or tow the vehicle. The electric steering-wheel lock cannot be unlocked and the vehicle cannot be steered. For information on jump starting, refer to page 203. There is no power assistance with the engine stopped. This then requires increased effort for braking and steering. Active steering is deactivated and larger steering wheel movements are required. ◀

Switch on the hazard warning flashers depending on the local regulations. If the electrical system fails, mark the vehicle to be towed, e.g. with a sign or warning triangle in the rear window.

Manual transmission

Gearshift lever in neutral position.

Automatic transmission

Selector lever in position N.

! Do not exceed a towing speed of 45 mph/70 km/h and a towing distance of 90 miles/150 km; otherwise, the automatic transmission may be damaged. ◀

SMG Sequential Manual Gearbox

Engage selector lever position N with the ignition switched on.

Towing methods

In some countries, towing with tow bars or ropes in public traffic is not permitted. Familiarize yourself with the regulations on towing in the respective country.

With tow bar

! The towing vehicle may not be lighter than the vehicle to be towed; otherwise, it will not be possible to reliably control vehicle response. ◀

The tow fittings used should be on the same side on both vehicles. Should it prove impossible to avoid mounting the tow bar at an offset angle, please note the following:

- ▷ Clearance and maneuvering capability will be strictly limited during cornering.
- ▷ When mounted at an angle, the tow bar will exert lateral forces, tending to push the vehicle sideways.

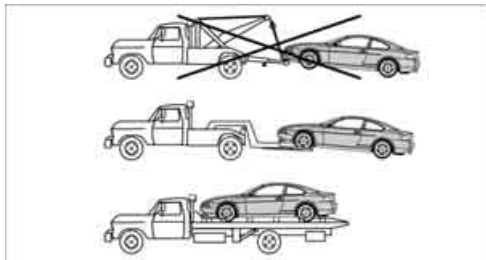
! Attach the tow bar to the tow fittings only, as attachment to other vehicle parts can lead to damage. ◀

With tow rope


When starting off in the towing vehicle, make sure that the tow rope is taut.

! To avoid jerking and the associated stresses on vehicle components when towing, always use nylon ropes or nylon straps. Attach tow ropes to the tow fittings only, as attachment to other vehicle parts can lead to damage. ◀


With tow truck




Have the BMW transported with a tow truck with a so-called lift bar or on a flat bed.

 Do not lift vehicle by tow fitting or body and chassis parts; otherwise, damage may result. ◀

Tow-starting

 If the vehicle electrical system fails, do not tow-start or tow the vehicle. The electric steering-wheel lock cannot be unlocked and the vehicle cannot be steered. Jump starting, refer to page 203. ◀

 Do not tow-start vehicles with an automatic transmission. Only tow-start vehicles with a catalytic converter when the engine is cold. It is better to jump-start the engine, refer to page 203. ◀

1. Switch on the hazard warning flashers, comply with country-specific regulations.
2. Switch on ignition, refer to page 58.
3. Shift into 3rd gear, vehicles with SMG, see below.
4. Tow-start with the clutch completely depressed and slowly release the clutch. After the engine starts, immediately depress the clutch again completely.
5. Stop at a suitable location, remove the tow bar or rope and switch off the hazard warning flashers.
6. Have the vehicle checked.

Vehicles with SMG Sequential Manual Gearbox:

1. Tow-start in selector-lever position N.
2. Select sequential mode. The correct gear will be selected and engaged automatically.



Reference

This chapter contains the technical data, the short commands of the voice command system and the index, which is the quickest way to find the information you are looking for.

Technical data

Engine specifications

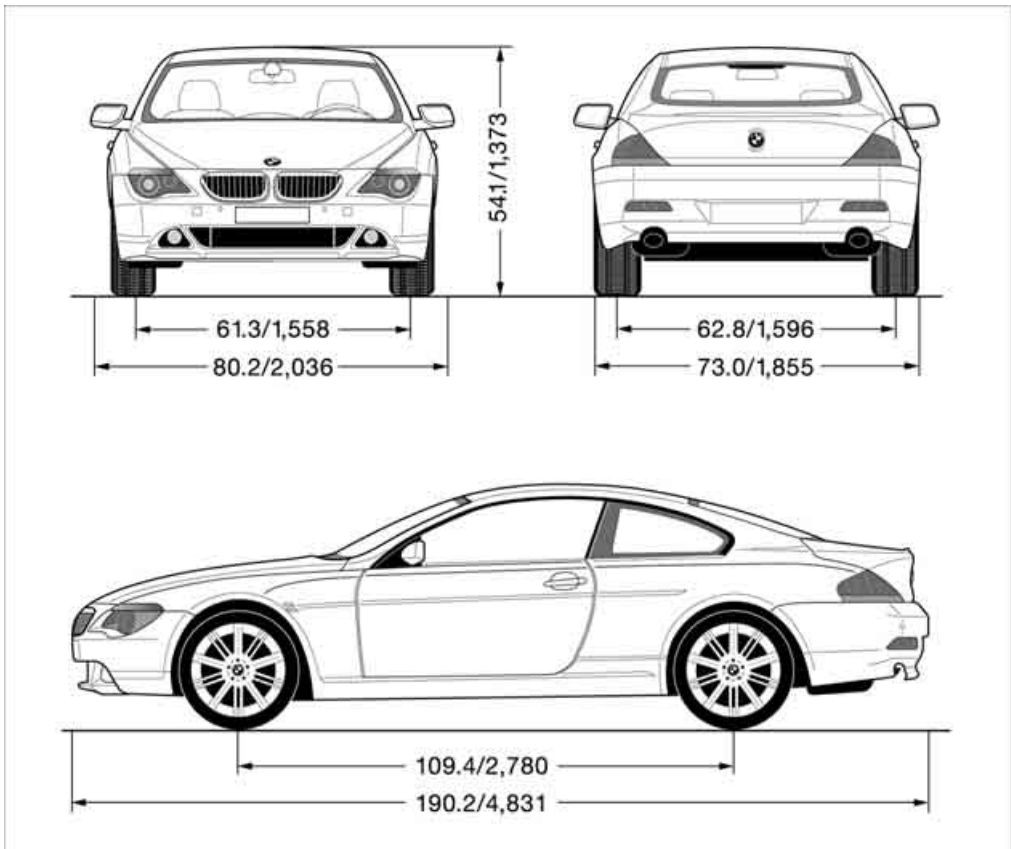
		650i
Displacement	cu in/cm ³	292.8/4,799
No. of cylinders		8
Maximum output	hp	360
at engine speed	rpm	6,300
Maximum torque	lb ft/Nm	360/488
at engine speed	rpm	3,400

Weights

		650i Coupe	650i Convertible
Curb weight	lbs./kg	3,814/1,730	4,277/1,940
Approved gross vehicle weight	lbs./kg	4,652/2,110	5,049/2,290
Load	lbs./kg	838/380	772/350
Approved front axle load	lbs./kg	2,337/1,060	2,403/1,090
Approved rear axle load	lbs./kg	2,491/1,130	2,778/1,260
Luggage compartment capacity	cu ft/l	15.9/450	10.6/300
▶ with raised convertible top compartment floor, refer to page 35	cu ft/l	–	12.4/350

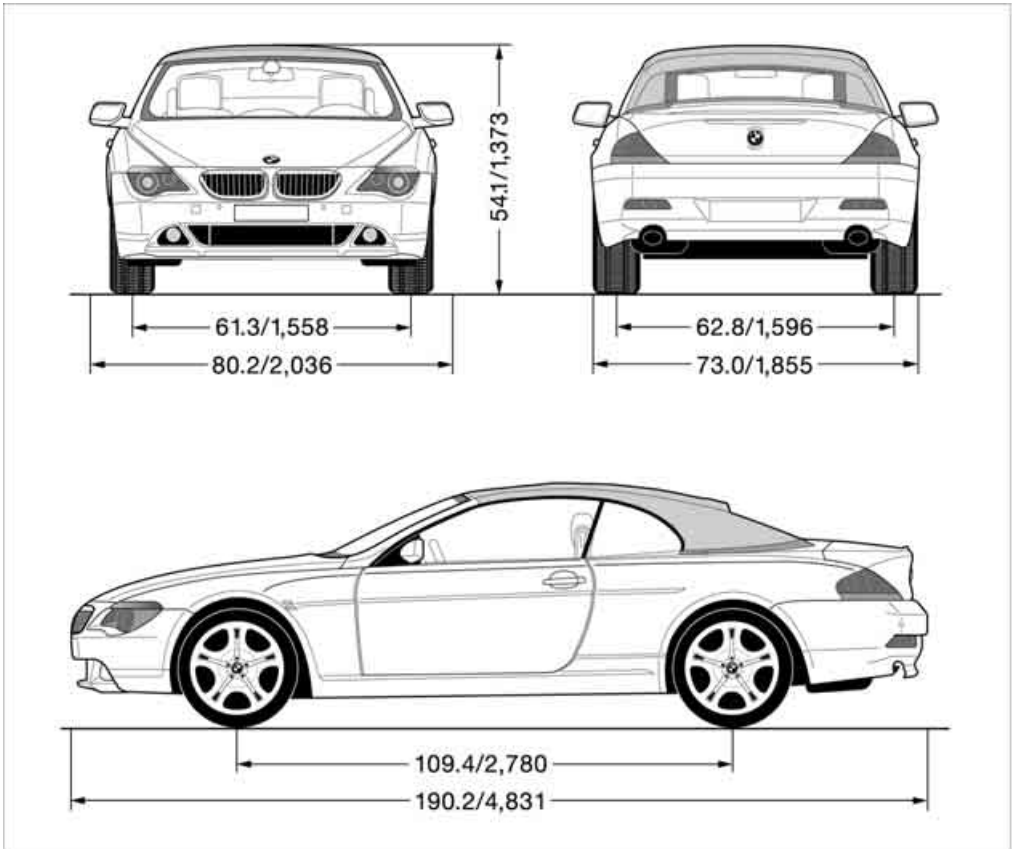
Never exceed either the approved axle loads or the gross vehicle weight.

Coupe: dimensions



All dimensions given in inches/mm. Smallest turning circle diam.: 37.4 ft/11.4 m

Convertible: dimensions



All dimensions given in inches/mm. Smallest turning circle diam.: 37.4 ft/11.4 m

Capacities

			Notes
Fuel tank	gal/liters	approx. 18.5/70	Fuel specification: page 183
including reserve of:	gal/liters	approx. 2.1/8	
Window and headlamp washer system	quarts/liters	approx. 5.3/5	For details: page 66
Engine oil and filter change	quarts/liters	8.5/8.0	BMW High Performance Synthetic Oil Oil grades: page 192

Short commands of the voice command system*

With short commands you can carry out certain functions directly, regardless of which menu

item is selected. Here are the important short commands for the voice command system.

Assistance window

Function	Command
To open the assistance window 20	›Assistance window‹
To select the display in the assistance window 20	›Assistance window map facing north‹, ›Assistance window map direction of travel‹, ›Assistance window arrow display‹, ›Assistance window perspective‹, ›Assistance window current position‹, ›Assistance window trip computer‹ or ›Assistance window onboard info‹
To change scale in assistance window 134	›Assistance window scale ... feet‹ or ›Assistance window scale ... miles‹

Communication

Function	Command
To activate telephone 167	›Phone‹
To dial phone number 167	›Dial number‹
To display the phone book 167	›A to Z‹
To dial from phone book 167	›Call ...‹ or ›Dial name‹
To display "Top 8" 168	›Top 8‹
To redial 168	›Redial‹
To display "Received calls" 168	›Received calls‹
To display "Missed calls" 168	›Missed calls‹
To display "Bluetooth" 163	›Bluetooth‹
To open BMW Assist 174	›BMW Assist‹
To open "BMW Service" 176	›BMW Service‹
To open "BMW Contact" 178	›BMW Contact‹
To open "BMW Contact Numbers" 176	›BMW Contact numbers‹

Navigation

Function	Command
To select navigation 121	›Navigation‹
To open "Enter address" 121	›Enter address‹
To open "New destination" 121	›New destination‹
To display "Input map" 125	›Input map‹
To display destination list 127	›Destination list‹
To display the address book 128	›Address book‹
To display the route criteria 130	›Route preference‹
To start destination guidance 132	›Start guidance‹
To end destination guidance 132	›Stop guidance‹
To display arrow display 133	›Arrow display‹
To display map view 133	›Map‹, ›Map facing north‹, ›Map direction of travel‹ or ›Perspective‹
To change scale 134	›Scale ... miles‹ or ›Scale ... feet‹
To display streets and towns/cities of the route 134	›Route list‹
To switch on voice instructions 135	›Navigation info on‹
To switch off voice instructions 135	›Navigation info on‹
To repeat voice instructions 135	›Repeat navigation info‹
To open route 130 , 134	›Route‹
To display current position 136	›Current Position‹

Onboard info

Function	Command
To open "Car Data" 76	›Car data‹
To display the computer 76	›Onboard info‹
To display the trip computer 76	›Trip computer‹
To set the speed limit 81	›Limit‹
To start the stopwatch 81	›Stopwatch‹

Entertainment

Function	Command
Tone control 141	›Audio‹
To switch on radio 144	›Radio on‹, ›FM on‹ or ›AM on‹
To open "FM" 144	›FM menu‹
To open "AM" 144	›AM menu‹
To open "All stations" 144	›FM All stations‹
To select the radio station 144	›Station ...‹ or ›Choose station‹
To open "Presets" 144	›FM presets‹ or ›AM presets‹
To select stored radio station 144	›Choose preset‹
To open "Manual" 145	›FM manual‹, ›AM manual‹ or ›Choose frequency‹, ›Frequency ... Megahertz‹
To open the radio station with the best reception 145	›AM Autostore‹
To open "WB" 148	›Weatherband menu‹
To switch on weatherband 148	›Weatherband on‹
To select a weatherband station 148	›Choose weatherband station‹
To open "SAT" 150	›SAT radio menu‹
To switch on satellite radio 150	›SAT radio‹
To open "Presets" of satellite radio 151	›SAT radio presets‹
To open "All channels" of satellite radio 150	›SAT radio all channels‹
To open "Categories" of satellite radio 150	›SAT radio categories‹
To select CD player 153	›CD menu‹
To switch on CD player 153	›CD‹
To select CD changer 153	›CD-changer menu‹
To switch on CD changer 153	›CD-changer‹
To select a CD 153	›CD 1...6‹
To select music track 154	›CD track ...‹
To select CD and track 154	›CD 1...6 track ...‹

Climate

Function	Command
To open "Vent settings" 102	›Vent settings‹
To open "Automatic programs" 101	›Automatic programs‹
To open "Parked car ventilation" 104	›Parked car operation‹
To open "Automatic ventilation" 104	›Automatic ventilation‹
To display the activation times 104	›Activation time‹

i menu

Function	Command
To open "Door locks" 30, 32	›Door locks‹
To open "Steering wheel buttons"	›Steering wheel buttons‹
To open "Lighting" 65, 96	›Lighting‹
To open "Communication settings" 174	›Communication settings‹
To open "BMW Service settings" 174	›BMW Service settings‹
To open "BMW Service" 176	›BMW service‹
To open "Service requirements" 77, 175	›Service requirements‹
To open "Service" 77, 175	›Service‹
To display "Check Control messages" 79	›Check Control messages‹
To open "Display settings" 82	›Display settings‹
To open "Head-Up Display" 94	›Head-up display‹
To activate speed limit 81	›Limit on‹
To deactivate speed limit 81	›Limit off‹
To adjust the brightness of the Control Display 83	›Brightness‹
To open "Units" 83	›Units‹
To open "Languages" 84, 135	›Language‹
To open "Time" 82	›Time‹
To open "Date" 83	›Date‹
To open "PDC" 85	›PDC‹
To open "FTM" 88	›FTM‹
To open "Entertainment settings" 141	›Entertainment settings‹

Index

"..." Identifies Control Display texts used to select individual functions, and indicates where to find them in the text.

A

ABS Antilock Brake System **86**

ACC, refer to Active cruise control **67**

Acceleration assistant with SMG **64**

Accessories **6**

Activated-charcoal filter **104**

Activating hour signal **83**

"Activation time" for parked car ventilation **104**

Active cruise control **67**

– Indicator lamp **70**

– radar sensor **71**

– selecting distance **69**

– warning lamps **71**

Active steering **90**

– warning lamp **90**

Adapter for spare key **28**

Adaptive brake lamps, refer to Brake force display **90**

Adaptive Head Light **97**

"Add digits" for mobile phone **168**

"Address book" for navigation **128**

Address for navigation

– deleting **129**

– entering **121, 124**

– selecting **129**

– storing **128**

– storing current position **128**

"Add to address book" **128**

"Add to destination list" **124, 125**

Adjusting confirmation signals for locking and unlocking **31**

Adjusting the thigh support **48**

Adjusting tone in audio mode, refer to Tone control **141**

"After opening door" **50**

"After unlocking" **50**

Airbags **90**

– deactivating, refer to Exception for front passenger's seat **56**

– sitting safely **47**

– warning lamp **92**

Air distribution

– automatic **101**

– manual **102**

Airing, refer to Ventilation **103**

Air recirculation, refer to AUC Automatic recirculated-air control **103**

"Air recirculation on / off" **54**

Air vents, refer to Ventilation **103**

Air volume **102**

AKI, refer to Fuel specifications **183**

Alarm system **35**

– avoiding unintentional alarms **36**

– interior motion sensor **36**

– switching off alarm **35**

– switching off tilt alarm

sensor and interior motion sensor **36**

– tilt alarm sensor **36**

All around the center console **14**

All around the steering wheel **10**

"All channels" **150**

"All doors" **30**

All-season tires, refer to Winter tires **189**

"All stations" on the radio, selecting **144, 147**

Alterations, technical, refer to For your own safety **6**

"AM", reception range **140, 144**

Antenna for mobile phone **162**

Antifreeze

– coolant **193**

– washer fluid **66**

Antilock Brake System ABS **86**

Anti-theft alarm system, refer to Alarm system **35**

Anti-theft system, refer to Central locking system **29**

Anti-trapping mechanism

– glass sunroof **40**

– power windows **39**

Approved axle loads, refer to Weights **210**

Approved engine oils **192**

Approved gross vehicle weight, refer to Weights **210**

Armrest, refer to Center armrest **108**

Arrival time

– refer to Computer **76**

– refer to Starting destination guidance **132**

"Arrow display" during Navigation **133**

Ashtray **109**

Assist, refer to BMW Assist **174**

Assistance systems, refer to Driving stability control systems **86**

Assistance window **20**

- "Assist. window off" [21](#)
 - AUC Automatic recirculated-air control [103](#)
 - Audio [140](#)
 - controls [140](#)
 - switching on/off [140](#)
 - tone control [141](#)
 - volume [141](#)
 - "Audio", refer to Tone control [141](#)
 - Automatic
 - air distribution [101](#)
 - air volume [101](#)
 - headlamp control [96](#)
 - service notification [175](#)
 - steering wheel adjustment, refer to Easy entry/exit [53](#)
 - storing stations [145](#)
 - Automatically switching between high beams and low beams, refer to High-beam assistant [97](#)
 - Automatic car washes [116](#)
 - also refer to Comfort access [37](#)
 - also refer to the Caring for your vehicle brochure
 - Automatic climate control [100](#)
 - automatic air distribution [101](#)
 - convertible program [101](#)
 - switching off [103](#)
 - Automatic curb monitor [53](#)
 - Automatic lighting
 - refer to Automatic headlamp control [96](#)
 - refer to Daytime driving lamps [96](#)
 - refer to High-beam assistant [97](#)
 - refer to Interior lamps [99](#)
 - refer to Pathway lighting [96](#)
 - "Automatic programs" [101](#)
 - Automatic recirculated-air control AUC [103](#)
 - Automatic station search [145](#)
 - Automatic transmission with Steptronic [62](#)
 - deactivating selector lever interlock [63](#)
 - Dynamic Driving Control [64](#)
 - interlock [62](#)
 - kick-down [63](#)
 - selector lever lock, Interlock [62](#)
 - shiftlock [62](#)
 - towing [205](#)
 - tow-starting [206](#)
 - with comfort access [37](#)
 - "Automatic ventilation" [104](#)
 - AUTO program with automatic climate control [101](#)
 - "Autostore" on the radio [144](#), [146](#)
 - Average fuel consumption [75](#)
 - setting units [83](#)
 - Average speed [75](#)
 - "Avoid ferries" for navigation [131](#)
 - Avoid freeways for navigation [130](#)
 - "Avoid highways" for navigation [131](#)
 - Avoiding unintentional alarms [36](#)
 - "Avoid tollroads" for navigation [131](#)
 - Axle loads, refer to Weights [210](#)
 - "A - Z" [168](#)
- B**
- Backrest contour, refer to Lumbar support [48](#)
 - Backrests, refer to Seats [48](#)
 - Backup lamps
 - refer to Reverse gear [61](#)
 - replacing bulbs, refer to Tail lamps [199](#)
 - "Balance", refer to Tone control [142](#)
 - Balance, refer to Tone control [142](#)
 - Balance adjustment in audio mode, right/left [142](#)
 - Band-aids, refer to First-aid kit [203](#)
 - Bass, refer to Tone control [141](#)
 - "Bass", tone control [142](#)
 - Bass, tone control [141](#)
 - Battery
 - disposal [38](#)
 - jump starting [203](#)
 - refer to Vehicle battery [200](#)
 - Battery change [38](#)
 - Being towed [205](#)
 - Belts, refer to Safety belts [51](#)
 - Beverage holder, refer to Cup holders [109](#)
 - Blower, refer to Air volume [102](#)
 - "BMW Assist" [176](#)
 - BMW Assist [174](#)
 - enabling [174](#)
 - services offered [175](#)
 - "BMW Contact" [178](#)
 - "BMW Contact Numbers" [178](#)
 - BMW homepage [4](#)
 - BMW Maintenance System [195](#)
 - "BMW Service" [176](#)
 - "BMW Service settings" [175](#)
 - BMW website [4](#)
 - Bottle holder, refer to Cup holders [109](#)
 - Brake Assistant, refer to DBC Dynamic Brake Control [86](#)
 - Brake fluid [193](#)
 - level [193](#)
 - warning lamp [193](#)
 - Brake force display [90](#)
 - Brake hydraulic system [193](#)
 - Brake lamps
 - brake force display [90](#)
 - replacing bulbs, refer to Tail lamps [199](#)

Brake pads [194](#)
 – breaking-in [114](#)
 Brakes
 – ABS Antilock Brake System [86](#)
 – brake fluid [193](#)
 – brake force display [90](#)
 – brake pads [194](#)
 – breaking-in [114](#)
 – CBC Cornering Brake Control [86](#)
 – handbrake [60](#)
 Brake system [114](#)
 – brake fluid level [193](#)
 – brake pads [114](#), [194](#)
 – brake rotors [116](#)
 – breaking-in [114](#)
 – warning lamp [13](#), [193](#)
 Brake wear warning
 – brake pads [194](#)
 – warning lamp [194](#)
 Braking
 – electronic brake-force distribution [86](#)
 – refer to Braking safely [115](#)
 Braking safely [115](#)
 Breakdown assistance [176](#)
 Breakdown services, refer to Roadside Assistance [203](#)
 Breaking-in [114](#)
 Breaking-in the clutch [114](#)
 Breaking-in the differential [114](#)
 "Brightness" [83](#), [94](#)
 Brightness of Control Display [83](#)
 Button for starting engine [58](#)
 Buttons on steering wheel [11](#)
 Bypassing route sections [136](#)

C

California law
 – Event Data Recorders [196](#)
 California Proposition 65 Warning [6](#)
 "Call" [168](#)

Call
 – accepting [166](#)
 – displaying accepted [168](#)
 – ending [167](#)
 – in absence [168](#)
 – starting [167](#)
 Calling
 – from phone book [167](#)
 – from Top 8 list [168](#)
 – redialing [168](#)
 Can holder, refer to Cup holders [109](#)
 Capacity of luggage compartment [210](#)
 Car battery, refer to Vehicle battery [200](#)
 Car care, refer to the Caring for your vehicle brochure
 Car-care products, refer to the Caring for your vehicle brochure
 "Car data" [76](#)
 Care [196](#)
 – refer to the Caring for your vehicle brochure
 Cargo loading
 – securing cargo [117](#)
 – stowing cargo [117](#)
 – vehicle [116](#)
 Caring for artificial leather, refer to the Caring for your vehicle brochure
 Caring for leather, refer to the Caring for your vehicle brochure
 Caring for light-alloy wheels, refer to the Caring for your vehicle brochure
 Caring for plastic, refer to the Caring for your vehicle brochure
 Caring for the carpet, refer to the Caring for your vehicle brochure
 Caring for the vehicle finish, refer to the Caring for your vehicle brochure

Car key, refer to Keys/remote control [28](#)
 Car phone [162](#)
 – installation location, refer to Center armrest [108](#)
 – refer to Mobile phone [162](#)
 – refer to separate Owner's Manual
 Car radio, refer to Radio [144](#)
 Car wash [116](#)
 – refer to Before driving into a car wash [116](#)
 – refer to the Caring for your vehicle brochure
 – with comfort access [37](#)
 Catalytic converter, refer to Hot exhaust system [114](#)
 "Categories" [151](#)
 CBC Cornering Brake Control [86](#)
 CBS Condition Based Service [195](#)
 "CD" [140](#), [153](#)
 CD changer [153](#)
 – controls [140](#)
 – fast forward/reverse [157](#)
 – installation location [157](#)
 – playing a track [155](#)
 – random play sequence [156](#)
 – repeating a track [156](#)
 – selecting a CD [153](#)
 – selecting a track [154](#)
 – switching on/off [140](#)
 – tone control [141](#)
 – volume [141](#)
 CD player [153](#)
 – controls [140](#)
 – fast forward/reverse [157](#)
 – playing a track [155](#)
 – random play sequence [156](#)
 – repeating a track [156](#)
 – selecting a track [154](#)
 – switching on/off [140](#)
 – tone control [141](#)
 – volume [141](#)
 Center armrest, adjusting height [108](#)

- Center console [14](#)
- "Central locking" [30](#)
- Central locking system [29](#)
 - comfort access [36](#)
 - from inside vehicle [32](#)
- Changes, technical, refer to
 - For your own safety [6](#)
- Changing a wheel [200](#)
- Changing language on
 - Control Display [84](#)
- Changing units of measure on
 - Control Display [83](#)
- Changing wheels [188](#)
- CHECK button [80](#)
- Check Control [79](#)
- "Check Control messages" [80](#)
- Check Gas Cap [182](#)
- Checking air pressure, refer to
 - Tire inflation pressure [184](#)
- Children's seats, refer to
 - Child-restraint systems [56](#)
- Child-restraint fixing system
 - LATCH [57](#)
- Child-restraint systems [56](#)
- Chrome parts, care, refer to
 - the Caring for your vehicle brochure
- Cigarette lighter [110](#)
- Cigarette lighter socket, refer to
 - Connecting electrical devices [110](#)
- Cleaning, refer to the Caring for your vehicle brochure
- "Climate" [101](#)
- Clock [74](#)
 - 12h/24h mode [83](#)
 - setting time and date [82](#)
- Closing
 - from inside [32](#)
 - from outside [30](#)
- Closing fuel filler cap [182](#)
- Clothes hooks, Coupe [109](#)
- Cockpit [10](#)
- Cold start, refer to Starting engine [59](#)
- Comfort access [36](#)
 - observing in car wash [37](#)
 - replacing battery [38](#)
- Comfort operation
 - windows with comfort access [37](#)
 - with comfort access [37](#)
- "Communication" [166](#), [176](#)
- "Communication settings" [174](#)
- Compact disc
 - refer to CD changer [153](#)
 - refer to CD player [153](#)
- Compartment for remote control, refer to Ignition lock [58](#)
- Compartments, refer to
 - Storage compartments [108](#)
- Compressed audio files [153](#)
- Computer [75](#)
 - displays on Control Display [76](#)
 - hour signal [83](#)
- "Concert hall", refer to Tone control [142](#)
- Condition Based Service CBS [195](#)
- "Confirmation" [31](#)
- Connecting car vacuum cleaner, refer to Connecting electrical devices [110](#)
- Consumption display, refer to
 - Average fuel consumption [75](#)
- Consumption statistics, refer to
 - Average fuel consumption [75](#)
- "Continue guidance to destination?" [132](#)
- Control Center, refer to
 - iDrive [16](#)
- Control Display, refer to
 - iDrive [16](#)
 - setting brightness [83](#)
- Controller, refer to iDrive [16](#)
- Controls, refer to Cockpit [10](#)
- Convenience operation
 - convertible top [31](#), [32](#)
 - glass sunroof [30](#), [32](#)
 - windows [30](#), [32](#)
- Convertible
 - convertible program for automatic climate control [101](#)
 - opening and closing windows [38](#)
 - rollover protection system [92](#)
 - top [41](#)
 - wind deflector [45](#)
- Convertible top
 - care, refer to the Caring for your vehicle brochure
 - convenience operation [32](#)
 - emergency closing [43](#)
 - manual closing [43](#)
 - opening and closing [42](#)
- Coolant [193](#)
 - checking level [193](#)
 - temperature [74](#)
- Cooling, maximum [103](#)
- Cornering Brake Control CBC [86](#)
- Country of destination for navigation [122](#)
- Courtesy lamps, refer to
 - Interior lamps [99](#)
- Cruise control [66](#), [67](#)
 - active cruise control [67](#)
- Cup holders [109](#)
- Curb weight, refer to
 - Weights [210](#)
- "Current position" [136](#)
- Current position
 - displaying [136](#)
 - entering [128](#)
 - storing [128](#)
- "Customer Relations" [176](#), [178](#)
- Cylinders, refer to Engine data [210](#)

D

Dashboard, refer to

Cockpit [10](#)

Data

– capacities [212](#)

– dimensions [211](#)

– engine [210](#)

– technical data [210](#)

– weights [210](#)

"Date" [83](#)

Date [74](#)

– setting [83](#)

"Date format" [83](#)

Daytime driving lamps [96](#)

DBC Dynamic Brake

Control [86](#)

"Deactivated" [50](#)

Deactivating selector lever

interlock [63](#)

Decommissioning the vehicle,
refer to the Caring for your
vehicle brochure

Defrosting windows [102](#)

Defrosting windows and
removing condensation [102](#)

Defrost position, refer to

Defrosting windows [102](#)

"Delete address book" for
navigation [130](#)

"Delete all numbers" on the
mobile phone [169](#)

"Delete data" for
navigation [130](#)

"Delete" for mobile
phone [169](#)

Destination address

– deleting [129](#)

– entering [121](#), [124](#)

Destination for navigation

– destination list [127](#)

– entry [121](#)

– home address [130](#)

– selecting from address
book [129](#)

– selecting using
information [126](#)

– storing [128](#)

Destination guidance [132](#)

– bypassing route
sections [136](#)

– canceling voice
instructions [55](#)

– changing specified
route [130](#)

– displaying routes [133](#)

– distance and arrival [132](#)

– interrupting [132](#)

– starting [132](#)

– terminating/continuing [132](#)

– voice instructions [135](#)

– volume of voice
instructions [135](#)

Destination list for
navigation [127](#)

Destinations recently driven
to [127](#)

"Details" in audio mode [155](#)

"Dial" for mobile phone [167](#)

"Dial number" [167](#)

"Diamond button" [54](#)

Digital clock [74](#)

Digital radio, refer to High
Definition Radio [148](#)

Dimensions

– Convertible [212](#)

– Coupe [211](#)

Directional indicators, refer to
Turn signals [64](#)

Direction announcements,
refer to Voice
instructions [135](#)

Direction instructions, refer to
Voice instructions [135](#)

Directory for navigation, refer
to Address book [128](#)

Displacement, refer to Engine
data [210](#)

"Display" [83](#)

Display, refer to iDrive [16](#)

Display lighting, refer to
Instrument lighting [99](#)

"Display off" [21](#)

Displays, refer to Instrument
cluster [12](#)

"Display settings" [82](#)

Displays on the windshield,
refer to Head-Up Display [93](#)

Disposal

– battery of remote control
with comfort access [38](#)

– vehicle battery [200](#)

Distance, refer to

Computer [76](#)

Distance control, refer to

Active cruise control [67](#)

"Distance to dest." [76](#)

Distance to destination, refer
to Computer [76](#)

Distance warning, refer to
PDC Park Distance
Control [85](#)

Door entry lighting, refer to
Interior lamps [99](#)

Door key, refer to Keys/
remote control [28](#)

Door lock [32](#)

"Door locks" [30](#)

Doors

– manual operation [32](#)

– remote control [30](#)

DOT Quality Grades [186](#)

Draft-free ventilation [104](#)

"Driver's door only" [30](#)

Driving lamps, refer to Parking
lamps/low beams [96](#)

Driving notes [114](#)

Driving route, refer to
Displaying the route [133](#)

Driving stability control
systems [86](#)

Driving through water [115](#)

Driving tips, refer to Driving
notes [114](#)

Drying the air, refer to Cooling
function [102](#)

DSC Dynamic Stability
Control [86](#)

– indicator lamp [13](#), [87](#)

DTC Dynamic Traction
Control [87](#)

– activating [87](#)

– indicator lamp [13](#), [87](#)

DVD for navigation [120](#)

Dynamic Brake Control
 DBC [86](#)
 Dynamic Drive [88](#)
 Dynamic Driving Control [64](#)
 Dynamic Stability Control
 DSC [86](#)
 Dynamic Traction Control
 DTC [87](#)

E

Easy entry, refer to Getting in back [51](#)
 Easy entry/exit [53](#)
 EBV, refer to Electronic brake-force distribution [86](#)
 Eject button, refer to Buttons on CD player [140](#)
 Electrical malfunction
 – convertible top [43](#)
 – door lock [32](#)
 – driver's door [32](#)
 – fuel filler door [182](#)
 – glass sunroof [41](#)
 – luggage compartment lid [34](#)
 – storage compartment, hotel function [33](#)
 Electric steering wheel adjustment [53](#)
 Electronic brake-force distribution [86](#)
 Electronic oil level check [191](#)
 Emergency assistance, refer to Roadside Assistance [203](#)
 Emergency call [202](#)
 Emergency operation, refer to Manual operation
 – convertible top [43](#)
 – door lock [32](#)
 – driver's door [32](#)
 – fuel filler door [182](#)
 – glass sunroof [41](#)
 – hotel function [33](#)
 – luggage compartment lid [34](#)
 – selector lever interlock, automatic transmission [63](#)
 Emergency release for luggage compartment lid in luggage compartment [34](#)
 Emergency services, refer to Roadside Assistance [203](#)
 "Emission inspect." [78](#)
 "Enable services" [175](#)
 "End call" [167](#)
 Engine
 – breaking-in [114](#)
 – data [210](#)
 – overheated, refer to Coolant temperature [74](#)
 – speed [210](#)
 – starting [59](#)
 – starting, comfort access [36](#)
 – switching off [59](#)
 – switching off when equipped with Automatic transmission with comfort access [37](#)
 Engine compartment [191](#)
 Engine coolant [193](#)
 Engine oil
 – additives [192](#)
 – approved oils [192](#)
 – electronic oil level check [191](#)
 – recommended oils [192](#)
 – temperature [75](#)
 – temperature gauge [75](#)
 – topping off [192](#)
 "Engine oil level" [192](#)
 Engine output, refer to Engine data [210](#)
 Engine overheating, refer to Coolant temperature [74](#)
 Engine speed, refer to Engine specifications [210](#)
 Engine starting, refer to Starting engine [59](#)
 "Enter address" [122](#), [128](#)
 Entering address [121](#), [124](#)
 Entering destination via town/city name [122](#)
 Entering intersection [123](#)
 Entering town/city for navigation [122](#)
 Entering zip code for navigation [123](#)
 "Entertainment" [140](#)
 "Entertainment settings" [141](#), [148](#)
 Entertainment sound output on/off [141](#)
 Entry map for destination [125](#)
 Equalizer, refer to Tone control [143](#)
 "Equalizer", tone control [143](#)
 "ESN" [150](#)
 ESP Electronic Stability Program, refer to DSC Dynamic Stability Control [86](#)
 Event Data Recorders [196](#)
 Exhaust system, refer to Hot exhaust system [114](#)
 Exterior mirrors [52](#)
 – automatic dimming feature [53](#)
 – automatic heating [53](#)
 – folding in and out [52](#)
 – tilting down passenger-side mirror [53](#)
 Eye for tow-starting and towing, refer to Tow fitting [204](#)
 Eyes for lashing, refer to Securing cargo [117](#)

F

"Fader", refer to Tone control [142](#)
 Fader, refer to Tone control [142](#)
 Failure messages, refer to Check Control [79](#)
 False alarms, refer to Avoiding unintentional alarms [36](#)
 Fastening safety belts, refer to Safety belts [51](#)
 Fastest route for navigation [130](#)

Fast forward
– CD changer [157](#)
– CD player [157](#)
"Fast route" for navigation [131](#)
"Favorites" calling up with radio [147](#)
Filling capacities [212](#)
First aid, refer to First-aid kit [203](#)
First-aid kit [203](#)
Flashing when locking and unlocking, refer to Setting acknowledgment signals [31](#)
Flashlight, refer to Rechargeable flashlight [107](#)
Flat tire
– Flat Tire Monitor [88](#)
– run-flat tires [89](#), [188](#)
Flat Tire Monitor [88](#)
– false alarms [88](#)
– initializing system [88](#)
– limits of system [88](#)
– show chains [189](#)
– warning lamp [89](#)
"FM", reception range [140](#), [144](#)
FM, waveband [144](#)
Fog lamps [98](#)
– indicator lamp [13](#), [98](#)
Folding into raised position convertible top compartment floor, Convertible [35](#)
Footbrake, refer to Braking safely [115](#)
Footwell lighting, refer to Interior lamps [99](#)
For specified oil grades, refer to Approved engine oils [192](#)
For your own safety [6](#)
Freeway, refer to Route criteria [130](#)
Front airbags [90](#)
Front passenger airbags deactivating [91](#)
"FTM" [89](#)

FTM, refer to Flat Tire Monitor FTM [88](#)
Fuel
– average consumption [75](#)
– display [75](#)
– fuel specifications [183](#)
– high-quality brands [183](#)
– quality [183](#)
– specifications [183](#)
– tank capacity [182](#)
Fuel display, refer to Fuel gauge [75](#)
Fuel filler door [182](#)
– releasing in the event of electrical malfunction [182](#)
Fuel gauge [75](#)
Fuses [201](#)

G

Garage-door opener, refer to Integrated universal remote control [106](#)
Gas, refer to Average fuel consumption [75](#)
Gasoline
– refer to Fuel specifications [183](#)
– refer to Required fuel [183](#)
Gasoline display, refer to Fuel gauge [75](#)
Gear changes
– automatic transmission with Steptronic [62](#)
– SMG Sequential Manual Gearbox [62](#)
Gear display
– automatic transmission with Steptronic [62](#)
– SMG Sequential Manual Gearbox [61](#)
Gearshift lever
– automatic transmission with Steptronic [62](#)
– manual transmission [60](#)
– SMG Sequential Manual Gearbox [61](#)

General driving notes [114](#)
Getting in back [51](#)
Glass sunroof, electric, comfort operation with comfort access [37](#)
Glass sunroof, electric with raise function [40](#)
– convenience operation [32](#)
– moving manually [41](#)
– remote control [30](#)
Glove compartment [107](#)
– rechargeable flashlight [107](#)
GPS navigation, refer to Navigation system [120](#)
Grills, refer to Ventilation [103](#)
Gross vehicle weight, refer to Weights [210](#)

H

Handbrake [60](#)
– indicator lamp [13](#), [60](#)
Handsfree system
– refer to Microphone [14](#)
Hazard warning flashers [15](#)
HD, refer to High Definition Radio [148](#)
Head airbags [90](#)
Headlamp control, automatic [96](#)
Headlamp flasher [64](#)
Headlamps
– care, refer to the Caring for your vehicle brochure
– cleaning, refer to Wiper system [66](#)
– replacing bulbs [197](#)
Head Light, refer to Adaptive Head Light [97](#)
Head restraints
– front [50](#)
– removing [50](#)
– sitting safely [47](#)
"Head-Up Display" [94](#)
Head-Up Display [93](#)

- Heated
 - mirrors, refer to Automatic functions [53](#)
 - rear window [102](#)
 - seats [52](#)
 - steering wheel [54](#)
 - Heater [101](#)
 - Heating
 - exterior mirrors [53](#)
 - interior [100](#)
 - rear window [102](#)
 - residual heat [103](#)
 - seats [52](#)
 - steering wheel [54](#)
 - Heating with engine switched off, refer to Residual heat [103](#)
 - Heavy cargo, refer to Securing cargo [117](#)
 - Height, refer to Dimensions [211](#)
 - Height adjustment
 - seats [48](#)
 - steering wheel [53](#)
 - High-beam assistant [97](#)
 - High beams [97](#)
 - headlamp flasher [97](#)
 - indicator lamp [13](#)
 - replacing bulbs [198](#)
 - High Definition Radio [148](#)
 - Highs, refer to Tone control [141](#)
 - High water, refer to Driving through water [115](#)
 - Hills [115](#)
 - Holder for cups [109](#)
 - "Home address" in navigation [130](#)
 - Homepage [4](#)
 - Hood [190](#)
 - Horn [10](#)
 - Hotel function [33](#)
 - unlocking manually [33](#)
 - Hot exhaust system [114](#)
 - "Hour memo" [83](#)
 - "House number" for destination entry [124](#)
 - Hydraulic brake assistant, refer to DBC Dynamic Brake Control [86](#)
 - Hydroplaning [115](#)
 - also refer to Minimum tread depth [187](#)
- I**
- IBOC, refer to High Definition Radio [148](#)
 - Ice, refer to Outside temperature warning [74](#)
 - ID3-Tag, refer to Information about track [155](#)
 - iDrive [16](#)
 - adjusting brightness [83](#)
 - assistance window [20](#)
 - changing date and time [82](#)
 - changing language [84](#)
 - changing menu page [19](#)
 - changing settings [82](#)
 - changing unit of measure units and display form [83](#)
 - controller [16](#)
 - controls [16](#)
 - displaying menus [17](#)
 - selecting menu item [19](#)
 - selecting or confirming entry [19](#)
 - start menu [17](#)
 - status information [20](#)
 - symbols [18](#)
 - Ignition [58](#)
 - switched off [58](#)
 - switched on [58](#)
 - Ignition key, refer to Keys/remote control [28](#)
 - Ignition key position 1, refer to Radio readiness [58](#)
 - Ignition key position 2, refer to Ignition on [58](#)
 - Ignition lock [58](#)
 - starting engine with comfort access [37](#)
 - Indicator/warning lamps
 - active steering [90](#)
 - airbags [92](#)
 - DSC [13, 87](#)
 - DTC [13, 87](#)
 - Flat Tire Monitor [89](#)
 - fog lamps [13, 98](#)
 - handbrake [13, 60](#)
 - overview [13](#)
 - safety belt warning [52](#)
 - Individually programmable buttons on steering wheel [54](#)
 - Individual settings, refer to Personal Profile [29](#)
 - Inflation pressure, refer to Tire inflation pressure [184](#)
 - Inflation pressure monitoring, refer to Flat Tire Monitor [88](#)
 - Information
 - on another location [126](#)
 - on country [126](#)
 - on current position [126](#)
 - on destination location [126](#)
 - "Information" for navigation [126](#)
 - "Information on destination" [128](#)
 - Initializing
 - Flat Tire Monitor [88](#)
 - radio, refer to Storing stations [146](#)
 - refer to Power failure [201](#)
 - seat, mirror and steering wheel memory [49](#)
 - time and date [82](#)
 - "Input map" [126](#)
 - Installation location
 - CD changer [157](#)
 - navigation drive [120](#)
 - Instructions for navigation system, refer to Voice instructions [135](#)
 - Instrument cluster [12](#)
 - Instrument illumination, refer to Instrument lighting [99](#)
 - Instrument lighting [99](#)

Instrument panel, refer to Instrument cluster [12](#)
Integrated key [28](#)
Integrated universal remote control [106](#)
Interesting destination for navigation [126](#)
"Interim time" [82](#)
Interior lamps [99](#)
– switching on with remote control [31](#)
Interior motion sensor [36](#)
– switching off [36](#)
Interior rearview mirror [53](#)
– automatically dimming, refer to Automatic functions [53](#)
Interlock on automatic transmission [62](#)
Intermittent wiper mode [65](#)

J

Jacking points [200](#)
Joystick, refer to iDrive [16](#)
Jump starting [203](#)

K

Keyless-Go, refer to Comfort access [36](#)
Keyless opening and closing, refer to Comfort access [36](#)
Key Memory, refer to Personal Profile [29](#)
"Keypad" [169](#)
Keys [28](#)
– key-related settings, refer to Personal Profile [29](#)
Kick-down
– automatic transmission with Steptronic [63](#)
– SMG Sequential Manual Gearbox [62](#)
Knock control [183](#)

L

Lamps, refer to Parking lamps/low beams [96](#)
Lamps and bulbs [197](#)
"Languages" [84](#)
"Languages" for navigation [135](#)
Lashing eyes, refer to Securing cargo [117](#)
Last destinations, refer to Destination list [127](#)
"Last seat pos." [49](#)
LATCH child-restraint fixing system [57](#)
Length, refer to Dimensions [211](#)
License plate lamps, replacing bulbs [200](#)
Light-emitting diodes LEDs [200](#)
Lighter [110](#)
"Lighting" [65](#), [96](#)
Lighting
– instruments [99](#)
– of the vehicle, refer to Lamps [96](#)
– refer to High-beam assistant [97](#)
Light switch [96](#)
"Limit" [81](#)
Loading, refer to Cargo loading [116](#)
"Lock after driving" [32](#)
Lock buttons in the doors, refer to Locking [33](#)
Locking
– from inside [33](#)
– from outside [31](#)
– without key, refer to Comfort access [36](#)
Locking and unlocking doors
– from inside [32](#)
– from outside [30](#)
Locking out, refer to Unlocking [36](#)
Locking without key, refer to Comfort access [36](#)

"LOGIC7", refer to Tone control [142](#)
Low beams [96](#)
– automatic [96](#)
– replacing bulbs [197](#)
Lower back support, refer to Lumbar support [48](#)
Luggage compartment
– capacity [210](#)
– emergency release [34](#)
– hotel function [33](#)
– increasing capacity, Convertible [35](#)
– opening/closing, refer to Luggage compartment lid [34](#)
– opening from inside [34](#)
– opening from outside [34](#)
– opening with remote control [31](#)
Luggage compartment lid [34](#)
– emergency operation [34](#)
– emergency release [34](#)
– opening from inside [34](#)
– opening from outside [34](#)
– opening with remote control [31](#), [34](#)
– unlocking manually [34](#)
Lumbar support [48](#)
LW, waveband [144](#)

M

M+S tires, refer to Winter tires [189](#)
Maintenance
– refer to Service requirements [77](#)
– refer to the Service and Warranty Information Booklet for US models [195](#)
– refer to Warranty and Service Guide Booklet for Canadian models [195](#)
Maintenance system [195](#)

- Malfunction
 - convertible top [43](#)
 - door lock [32](#)
 - fuel filler door [182](#)
 - glass sunroof [41](#)
 - hotel function [33](#)
 - luggage compartment lid [34](#)
- Malfunction warnings, refer to Check Control [79](#)
- Manual air distribution [102](#)
- Manual mode with automatic transmission with Steptronic [63](#)
- "Manual" on the radio [145](#)
- Manual operation
 - convertible top [43](#)
 - door lock [32](#)
 - driver's door [32](#)
 - fuel filler door [182](#)
 - glass sunroof [41](#)
 - hotel function [33](#)
 - luggage compartment lid [34](#)
 - selector lever interlock, Automatic transmission [63](#)
- Manual transmission [60](#)
- "Map direction of travel" [134](#)
- "Map facing north" [134](#)
- Map for navigation
 - changing scale [134](#)
 - destination entry [125](#)
- Map view [133](#)
- Map view facing north [133](#)
- Master key, refer to Keys/remote control [28](#)
- Maximum cooling [103](#)
- Maximum speed with winter tires [189](#)
- Memory, refer to Seat, mirror and steering wheel memory [49](#)
- Menus, refer to iDrive [16](#)
- Microfilter [104](#)
- Microphone
 - for mobile phone [14](#)
 - for voice command system [14](#)
- Mirror dimming feature [53](#)
- Mirrors [52](#)
 - automatic curb monitor [53](#)
 - heating [53](#)
 - memory, refer to Seat, mirror and steering wheel memory [49](#)
- "Missed calls" [168](#)
- Missed calls [168](#)
- Mobile communications devices in vehicle [115](#)
- Mobile phone
 - accepted calls [168](#)
 - adjusting volume [166](#)
 - calling [167](#)
 - ending call [167](#)
 - missed calls [168](#)
 - operation via iDrive [166](#)
 - redialing [168](#)
 - refer to separate Owner's Manual
 - Top 8 [168](#)
 - touch tone dialing [169](#)
- Mobile phones
 - use in vehicle, refer to Mobile communications devices in vehicle [115](#)
- Mobile Service, refer to Roadside Assistance [203](#)
- Monitor, refer to iDrive [16](#)
- Monitoring pressure of tires, refer to Flat Tire Monitor [88](#)
- "Monitor on / off" [54](#)
- Most recent mobile phone numbers [168](#)
- MP3, refer to Compressed audio files [153](#)
- Multi-function steering wheel, refer to Buttons on steering wheel [11](#)
- Multifunction switch
 - refer to Turn signals/headlamp flasher [64](#)
 - refer to Wiper/washer system [65](#)
- "Mute on / off" [54](#)
- MW, waveband [144](#)
- N**
 - "Navigation" [76](#), [121](#)
 - Navigation destination
 - manual entry [121](#), [124](#)
 - selecting via map [125](#)
 - Navigation drive, installation location [120](#)
 - Navigation DVD [120](#)
 - Navigation instructions, refer to Switching voice instructions on/off [135](#)
 - Navigation system [120](#)
 - address book [128](#)
 - bypassing route sections [136](#)
 - destination entry [121](#)
 - destination guidance in assistance window [120](#)
 - destination list [127](#)
 - displaying current position [136](#)
 - entering a destination manually [121](#), [124](#)
 - last destinations [127](#)
 - looking for interesting destination [126](#)
 - route display [133](#)
 - route list [134](#)
 - selecting destination using information [126](#)
 - selecting destination via map [125](#)
 - selecting route criteria [130](#)
 - starting [121](#)
 - starting destination guidance [132](#)
 - switching off, refer to Terminating/continuing destination guidance [132](#)
 - terminating/continuing destination guidance [132](#)
 - voice instructions [135](#)
 - volume adjustment [135](#)
 - "Navigation voice instructions" [54](#)
 - "Navigation voice instructions on" [135](#)

Neck support, refer to Front head restraints **50**
"New address" for navigation **128**
"New destination" **121, 125**
New remote control **28**
"New route" **136**
New wheels and tires **188**
"Next entertainment source" **54**
Nozzles
– refer to Ventilation **103**
– refer to Windshield washer nozzles **66**
Nylon rope, refer to Tow-starting and towing **204**

O

OBD Socket **196**
Octane ratings, refer to Fuel specifications **183**
Odometer **74**
Oil
– additives **192**
– approved engine oils **192**
– capacity **212**
– consumption **191**
– consumption, refer to Engine oil, checking **191**
– level **191**
– topping off **192**
Oil change intervals
– refer to Service requirements **77**
– refer to the Service and Warranty Information Booklet for US models or to the Warranty and Service Guide Booklet for Canadian models
"On a new destination" for navigation **127**
"onboard info" **76**
Onboard monitor, refer to iDrive **16**
Onboard tool kit **197**
"On destination" **127**

"On location" **127**
Opening and closing
– comfort access **36**
– from inside **32**
– from outside **30**
– using door lock **32**
– using the remote control **30**
Operation by voice for mobile phone **170**
– adjusting volume **171**
– canceling **170**
– commands **170**
– correcting phone number **171**
– dialing phone number **171**
– placing a call **171**
– redialing **172**
– voice phone book **171**
"Options" **177**
Orientation menu, refer to Start menu **17**
Output, refer to Engine data **210**
Outside air, refer to AUC Automatic recirculated-air control **103**
Outside temperature display **74**
– changing unit of measure **83**

P

Panic mode **31**
Park Distance Control PDC **85**
"Parked car operation" **104**
"Parked car ventilation" **104**
Parked car ventilation
– activating an activation time **105**
– setting activation time **104**
– switching on and off directly **104**
Parking, vehicle **59**
Parking aid, refer to PDC Park Distance Control **85**
Parking assistant, refer to Park Distance Control PDC **85**
Parking brake, refer to Handbrake **60**
Parking lamps/low beams **96**
– replacing bulbs **198**
Parts and accessories **6**
Passenger airbags, deactivating, refer to Exception for front passenger's seat **56**
Passenger-side exterior mirror, tilting down **53**
"Pathway lighting" **96**
Pathway lighting **96**
"PDC" **86**
"PDC display on" **86**
PDC Park Distance Control **85**
Personal Profile **29**
"Perspective" **134**
"Phone" **167**
Phone book **166**
Phone numbers
– deleting from phone book **169**
– dialing **167**
– most recent numbers **168**
– selecting in phone book **168**
– Top 8 **168**
Plasters, refer to First-aid kit **203**
"Play" in audio mode **154**
"Play" on the radio, selecting **151**
Plug-in unit for remote control, refer to Ignition lock **58**
Pollen, refer to Microfilter/activated-charcoal filter **104**
Position
– displaying **136**
– storing **128**
Power failure **201**
Power windows, refer to Windows **38**
"Presets" on the radio **144, 150**
Presetting parked car ventilation activation times **104**
Pressure, tires **184**
"Profile" **177**

- Programmable buttons on steering wheel [54](#)
- Protective function, refer to
 - Anti-trapping mechanism – glass sunroof [40](#)
 - windows [39](#)

R

Radio

- Autostore [145](#)
- controls [140](#)
- High Definition Radio [148](#)
- playing stations [145](#)
- satellite radio [149](#)
- selecting frequency manually [145](#)
- selecting waveband [140](#), [144](#)
- station search [145](#)
- station selection [144](#)
- station with best reception [145](#)
- storing stations [146](#)
- switching on/off [140](#)
- tone control [141](#)
- volume [141](#)
- Weather Band, refer to Weather news flashes [147](#)
- Radio key, refer to Keys/remote control [28](#)
- Radio position, refer to Radio readiness [58](#)
- Radio readiness [58](#)
 - switched off [58](#)
 - switched on [58](#)
 - with comfort access [37](#)
- Rain sensor, windshield washer system [65](#)
- "Random", random play sequence, selecting [156](#)
- "Random all" in audio mode [156](#)
- "Random directory" in audio mode [156](#)
- Random play sequence
 - CD changer [156](#)
 - CD player [156](#)

- "RDS" [147](#)
- Reading lamps [99](#)
- Rear lamps, refer to Tail lamps [199](#)
- Rearview mirrors, refer to Mirrors [52](#)
- Rear window
 - heating [102](#)
 - opening and closing [39](#)
- "Received calls" [168](#)
- Reception
 - quality [147](#)
 - radio stations [147](#)
 - regional station [145](#)
- Reception quality of mobile phone, refer to Status information [20](#)
- Rechargeable flashlight [107](#)
- Recirculated-air mode, refer to AUC Automatic recirculated-air control [103](#)
- Recirculation of air, refer to AUC Automatic recirculated-air control [103](#)
- Reclining seat, refer to Backrest [48](#)
- Recording times, refer to Stopwatch [81](#)
- "Redial" for mobile phone [168](#)
- Reflectors, refer to Tail lamps [199](#)
- Refueling [182](#)
- Releasing, hood [190](#)
- "Relock door if not opened" [32](#)
- Remaining distance, refer to Remaining range [75](#)
- Remaining distance to destination, refer to Computer [76](#)
- Remaining range [75](#)
- Remote control [28](#)
 - battery replacement [38](#)
 - comfort access [36](#)
 - garage-door opener [106](#)
 - luggage compartment lid [31](#)
 - malfunction [31](#), [37](#)
- Removing condensation from windows [102](#)

- "Repeat directory" in audio mode [156](#)
- "Repeat" in audio mode [156](#)
- "Repeat track" in audio mode [156](#)
- Replacement fuses [201](#)
- Replacing bulbs, refer to Lamps and bulbs [197](#)
- Replacing tires
 - changing a wheel [200](#)
 - new wheels and tires [188](#)
- Reporting an accident, refer to Initiating emergency call [202](#)
- Reporting safety defects [7](#)
- Required fuel [183](#)
- Reserve warning, refer to Fuel gauge [75](#)
- Reset, refer to Resetting tone settings [143](#)
- "Reset" for stopwatch [81](#)
- "Reset" tone settings [143](#)
- Residual heat [103](#)
- Restraint systems
 - for children [56](#)
 - refer to Safety belts [51](#)
- Retreaded tires [188](#)
- Reverse, fast
 - CD changer [157](#)
 - CD player [157](#)
- Reverse gear
 - automatic transmission with Steptronic [63](#)
 - manual transmission [61](#)
 - SMG Sequential Manual Gearbox [61](#)
- Road map [133](#)
- "Roadside Assistance" [176](#), [178](#)
- Roadside Assistance [203](#)
- Roadside parking lamps [97](#)
 - replacing bulbs, refer to Parking lamps [198](#)
- Rollover protection system on Convertible [92](#)
 - lowering [93](#)
- Rope, refer to Tow-starting and towing [204](#)

Rotary fuel controller, refer to iDrive [16](#)
 Route [130](#)
 – bypassing sections [136](#)
 – changing [130](#), [136](#)
 – display [133](#)
 – displaying arrow display [133](#)
 – displaying map [133](#)
 – displaying towns/cities and streets [134](#)
 – list [134](#)
 – selecting [130](#)
 – selecting criteria [130](#)
 Route map, refer to Map view [133](#)
 "Route preference", changing [130](#)
 Route selection [130](#)
 Run-flat tires [188](#)
 – continuing driving with a damaged tire [89](#)
 – flat tire [89](#)
 – tire inflation pressure [184](#)
 – tire replacement [188](#)
 – winter tires [188](#)

S

Safety belts [51](#)
 – damage [52](#)
 – indicator lamp [52](#)
 – sitting safely [47](#)
 Safety belt tensioners, refer to Safety belts [51](#)
 Safety systems
 – ABS Antilock Brake System [86](#)
 – airbags [90](#)
 – DSC Dynamic Stability Control [86](#)
 – rollover protection system, Convertible [92](#)
 – safety belts [51](#)
 Satellite radio [149](#)
 – enabling channels [150](#)
 – selecting channel [150](#)
 – storing channel [150](#)
 "SAT" on the radio [140](#), [150](#)

"Save current destination" [130](#)
 "Scan"
 – playing a music track [155](#)
 – playing stations [145](#)
 Scan
 – CD changer [155](#)
 – CD player [155](#)
 – radio [145](#)
 "Scan all" in audio mode [155](#)
 "Scan directory" in audio mode [155](#)
 Screw thread for tow fitting [205](#)
 SDARS, refer to Satellite radio [149](#)
 Seats [48](#)
 – adjusting [48](#)
 – heating [52](#)
 – lumbar support [48](#)
 – memory, refer to Seat, mirror and steering wheel memory [49](#)
 – sitting safely [47](#)
 – sports seat [48](#)
 – storing the setting [49](#)
 – thigh support [48](#)
 Securing cargo [117](#)
 – ski bag [111](#)
 Securing load, refer to Securing cargo [117](#)
 – ski bag [111](#)
 "Select as destination" [127](#)
 "Select current speed" [81](#)
 Selecting audio sources, refer to Operating via iDrive [140](#)
 Selecting distance for active cruise control [69](#)
 Selecting frequency manually [145](#)
 Selecting menu items [19](#)
 Selecting new scale for navigation system display [134](#)
 Selecting route [130](#)
 Selection options with navigation system [130](#)

Selector lever
 – automatic transmission with Steptronic [62](#)
 – manual transmission [60](#)
 – SMG Sequential Manual Gearbox [61](#)
 Selector lever interlock, refer to Shiftlock
 – automatic transmission with Steptronic [62](#)
 – SMG Sequential Manual Gearbox [61](#)
 Sequential Manual Gearbox SMG [61](#)
 "Service" [77](#), [175](#), [191](#)
 Service, refer to Roadside Assistance [203](#)
 Service and Warranty Information Booklet for US models [195](#)
 Service interval display, refer to Service requirements [77](#)
 "Service notification" [175](#)
 "Service Request" [176](#), [178](#)
 "Service requirements" [78](#), [175](#), [192](#)
 Service requirements [77](#)
 – also refer to CBS Condition Based Service [195](#)
 "Service Status" [175](#)
 "Set date" [83](#)
 "Set" in audio mode [140](#)
 "Set" in trip computer [77](#)
 "Set service date" [78](#)
 "Set time" [82](#)
 Settings
 – changing on Control Display [82](#)
 – clock, 12h/24h mode [83](#)
 – configuring, refer to Personal Profile [29](#)
 Setting speed limit [81](#)
 Setting time, refer to Preselecting activation time [104](#)
 "Set tire pressure" [89](#)

- Shifting
 - automatic transmission with Steptronic [62](#)
 - SMG Sequential Manual Gearbox [62](#)
- Shifting paddles [62](#)
- Shiftlock
 - automatic transmission with Steptronic [62](#)
 - SMG Sequential Manual Gearbox [61](#)
- Short commands of voice command system [213](#)
- "Short route" for navigation [131](#)
- Short route in navigation, refer to Selecting route [130](#)
- "Show current position" [126](#)
- "Show destination position" [126](#)
- Side airbags [90](#)
- Side marker lamps, replacing bulbs [199](#)
- Side turn signals, replacing bulbs [199](#)
- Signal horn, refer to Horn [10](#)
- Sill panel lighting, refer to Interior lamps [99](#)
- Sitting safely [47](#)
 - with airbags [47](#)
 - with head restraints [47](#)
 - with safety belts [47](#)
- Ski bag [110](#)
- Sliding/tilt roof, refer to Glass sunroof, electric with raise function [40](#)
- Slope assistant, refer to Starting assistant [115](#)
- SMG Sequential Manual Gearbox [61](#)
 - acceleration assistant [64](#)
 - breaking-in [114](#)
 - Dynamic Driving Control [64](#)
 - gear display [61](#)
 - kick-down [62](#)
 - shiftlock [61](#)
 - towing [205](#)
 - tow-starting [206](#)
- Snow chains [189](#)
- Socket, refer to Connecting electrical devices [110](#)
- Socket for Onboard Diagnostics interface [196](#)
- Socket for remote control, refer to Ignition lock [58](#)
- Song search with CD, refer to Playing a track [155](#)
- SOS, refer to Initiating an emergency call [202](#)
- Spare fuses [201](#)
- Spare key [28](#)
 - adapter [28](#)
- Spare remote control [28](#)
- Special oils, refer to Approved engine oils [192](#)
- Speed-dependent volume [142](#)
- Speed limit [81](#)
- Speed limit warning, refer to Speed limit [81](#)
- Speedometer [12](#)
- "Speed volume", tone control [142](#)
- Speed with winter tires [189](#)
- Sport program
 - automatic transmission with Steptronic [63](#)
 - refer to Dynamic Driving Control [64](#)
- Stability control, refer to Driving stability control systems [86](#)
- "Star button" [54](#)
- Start/Stop button [58](#)
- "Start" for stopwatch [81](#)
- "Start guidance" [124](#), [132](#)
- Starting assistant [115](#)
- Starting difficulties
 - jump starting [203](#)
 - refer to Special starting conditions [59](#)
- Starting engine [59](#)
- Starting off on slopes, refer to Starting assistant [115](#)
- Start menu, iDrive [17](#)
- "Start route guidance" [126](#)
- "Start service" [176](#)
- "State / Province" for destination entry [122](#)
- "State inspection" [78](#)
- Station, refer to Radio [144](#)
- "Status" [78](#)
- Status information on Control Display [20](#)
- Status of this Owner's Manual at time of printing [5](#)
- Steering wheel
 - adjustment [53](#)
 - automatic adjustment, refer to Easy entry/exit [53](#)
 - buttons on steering wheel [11](#)
 - heating [54](#)
 - lock [58](#)
 - locking [58](#)
 - memory [49](#)
 - programmable buttons [54](#)
- "Steering wheel buttons" [54](#)
- Steering-wheel shift buttons, refer to Shift paddles [62](#)
- Steering with variable ratio, refer to Active steering [90](#)
- Steptronic, refer to Automatic transmission with Steptronic [62](#)
- "Stop" for stopwatch [81](#)
- "Stopwatch" [81](#)
- Stopwatch [81](#)
- Storage compartments [108](#)
- "Store in address book" for navigation [128](#)
- "Store" on the radio [146](#), [151](#)
- Storing current position [128](#)
- Storing radio stations [146](#)
- Storing sitting position, refer to Seat, mirror and steering wheel memory [49](#)
- Storing tires [189](#)
- Straps, refer to Loading [117](#)
- "Street" for destination entry [123](#)
- Summer tires, refer to Wheels and tires [184](#)
- SW, waveband [144](#)

Switches, refer to Cockpit [10](#)
 Switching between high beams and low beams, automatic, refer to High-beam assistant [97](#)
 Switching off engine [59](#)
 Switching off the tilt alarm sensor [36](#)
 Switching on
 – audio [140](#)
 – CD changer [140](#)
 – CD player [140](#)
 – radio [140](#)
 Switching the cooling function on and off [102](#)
 Swiveling headlamps, refer to Adaptive Head Light [97](#)
 Symbols [4](#)
 – indicators and warning lamps [13](#)

T

Tachometer [74](#)
 Tail lamps [199](#)
 – replacing bulbs [199](#)
 Tank capacity
 – also refer to Filling capacities [212](#)
 – fuel tank capacity [182](#)
 Target cursor for navigation [126](#)
 Technical alterations, refer to For your own safety [6](#)
 Technical data [210](#)
 Telematic, refer to TeleService, BMW Assist [174](#)
 Telephone
 – refer to Mobile phone [162](#)
 – refer to separate Owner's Manual
 "Telephone list" [54](#)
 TeleService [174](#)
 – enabling [174](#)
 – services offered [175](#)

Temperature
 – adjusting in upper body region [102](#)
 – adjusting with automatic climate control [101](#)
 – of coolant, refer to Coolant temperature [74](#)
 Temperature display
 – changing units of measure [83](#)
 – outside temperature [74](#)
 – temperature warning [74](#)
 Temperature gauge, engine oil [75](#)
 Temperature warning [74](#)
 Tempomat, refer to Cruise control [66](#)
 "Terminate services" [177](#)
 "Text language" [84](#)
 "Theater", refer to Tone control [142](#)
 The individual vehicle [5](#)
 Tie-down points, refer to Securing cargo [117](#)
 Tilting down passenger-side exterior mirror [53](#)
 "Time" [82](#)
 "Time format" [83](#)
 Timer, refer to Preselecting activation time [104](#)
 "Timer 1" for parked car ventilation [105](#)
 "Timer 2" for parked car ventilation [105](#)
 Tire Quality Grading [186](#)

Tires
 – age [186](#)
 – air loss [89](#)
 – breaking-in [114](#)
 – condition [187](#)
 – damage [187](#)
 – inflation pressure [184](#)
 – minimum tread depth [187](#)
 – Monitoring inflation pressure, refer to Flat Tire Monitor [88](#)
 – new wheels and tires [188](#)
 – replacing [188](#)
 – retreaded tires [188](#)
 – run-flat tires [188](#)
 – size [185](#)
 – size, refer to The right wheels and tires [188](#)
 – wear indicators [187](#)
 – wheel/tire combination [188](#)
 – winter tires [189](#)
 Tires with run-flat properties, refer to Run-flat tires
 – continuing to drive with a damaged tire [89](#)
 – flat tire [89](#)
 – new wheels and tires [188](#)
 "Tone" [141](#)
 Tone in audio mode
 – adjusting [141](#)
 – middle setting [143](#)
 Tools, refer to Onboard tool kit [197](#)
 top [41](#)
 "Top 8" for mobile phone [168](#)
 Torque, refer to Engine specifications [210](#)
 Touch tone dialing [169](#)
 Tow fitting [204](#)
 Towing [204](#)
 – tow fitting [204](#)
 "Town / City" for destination entry [122](#)
 Tow-starting [204](#), [206](#)
 Tracks
 – finding [155](#)
 – random play sequence [156](#)
 – sample, Scan [155](#)

Track width, refer to Dimensions [211](#)

Traction-assist feature, refer to DSC Dynamic Stability Control [86](#)

Traction control, refer to DSC Dynamic Stability Control [86](#)

Traffic congestion, refer to Bypassing route sections [136](#)

Transmission

- automatic transmission with Steptronic [62](#)
- deactivating selector lever interlock on automatic transmission with Steptronic [63](#)
- manual transmission [60](#)
- SMG Sequential Manual Gearbox [61](#)
- starting assistant [115](#)

Transporting children safely [56](#)

Transport securing device, refer to Securing cargo [117](#)

Tread depth, refer to Minimum tread depth [187](#)

Treble, refer to Tone control [141](#)

"Treble", tone control [142](#)

"Trip computer" [77](#)

Trip computer [76](#)

Trip-distance counter, refer to Trip odometer [74](#)

"Triple turn signal activation" [65](#)

Trip odometer [74](#)

Trunk, refer to Luggage compartment [35](#)

Trunk lid, refer to Luggage compartment lid [34](#)

Turning circle, refer to Dimensions [211](#)

Turn signals [64](#)

- replacing bulbs [198](#)

U

Undercarriage protection, refer to the Caring for your vehicle brochure

Uniform Tire Quality Grading/UTQR [186](#)

"Units" [83](#)

Units

- average fuel consumption [83](#)
- temperature [83](#)

Universal garage-door opener, refer to Integrated universal remote control [106](#)

Universal remote control, refer to Integrated universal remote control [106](#)

"Unlock button" [30](#)

Unlocking

- from inside [33](#)
- from outside [30](#)
- without key, refer to Comfort access [36](#)

Unlocking and locking doors, setting confirmation signals [31](#)

Unlocking without key, refer to Comfort access [36](#)

"Update services" [177](#)

"Use current location as address" [129](#), [130](#)

Used batteries

- refer to Disposal [200](#)
- refer to Replacing battery [38](#)

V

Vehicle

- battery [200](#)
- breaking-in [114](#)
- care, refer to the Caring for your vehicle brochure
- cargo loading [116](#)
- dimensions [211](#)
- parking [59](#)
- washing, refer to the Caring for your vehicle brochure
- weights [210](#)

Vehicle jack [200](#)

- jacking points [200](#)

Vehicle position, refer to Displaying current position [136](#)

"Vehicle settings" when unlocking [30](#)

Ventilation [103](#)

- draft-free [104](#)
- for cooling [104](#)
- parked car ventilation [104](#)

Vent outlets of automatic climate control [100](#)

"Vent settings" [102](#)

Voice, refer to Destination guidance with voice instructions [135](#)

Voice command system [22](#)

- short commands [213](#)

Voice instructions for navigation system [135](#)

- muting [55](#)
- repeating [55](#), [135](#)
- switching on/off [55](#), [135](#)
- volume [135](#)

Voice phone book [171](#)

Volume [140](#)

- audio sources [140](#)
- mobile phone [166](#)
- setting speed-dependent [142](#)
- voice instructions [135](#)

Volume adjustment in audio mode, front-to-rear [142](#)

W

Warning lamps, refer to
Indicator/warning lamps [13](#)
Warning messages, refer to
Check Control [79](#)
Warning triangle [202](#)
Warranty and Service Guide
Booklet for Canadian
models [195](#)
Washer fluid
– capacity of the reservoir [66](#)
– wiper system [66](#)
Washer fluid reservoir [66](#)
Water on roads, refer to
Driving through water [115](#)
Waveband for radio [144](#)
"WB" [140](#), [148](#)
Wear indicators in tires, refer
to Minimum tread depth [187](#)
Weather news flashes [147](#)
Website [4](#)
Weights [210](#)
Wheel/tire combination, refer
to New wheels and tires [188](#)
Wheel/tire damage [187](#)
Wheel/tire replacement, refer
to New wheels and tires [188](#)
Wheelbase, refer to
Dimensions [211](#)
Wheels and tires [184](#)
Width, refer to
Dimensions [211](#)
Wind deflector [45](#)
Windows [38](#)
– comfort operation with
comfort access [37](#)
– convenience
operation [30](#), [32](#)
– opening and closing,
Convertible [38](#)
– opening and closing,
Coupe [38](#)
– rear window, Convertible [39](#)

Windshield
– cleaning, refer to Wiper
system [66](#)
– defrosting, refer to
Defrosting windows [102](#)
– displays, refer to Head-Up
Display [93](#)
Windshield washer nozzles [66](#)
Windshield washer system,
refer to Washer/wiper
system [65](#)
Windshield wiper blade
replacement [197](#)
Windshield wipers, refer to
Wiper/washer system [65](#)
Winter tires [189](#)
– setting speed limit [81](#)
– storage [189](#)
Wiper blade replacement [197](#)
Wiper system [65](#)
– rain sensor [65](#)
– washer fluid [66](#)
– windshield washer
nozzles [66](#)
"With highways" for
navigation [131](#)
Word matching principle for
navigation [131](#)
Working in the engine
compartment [190](#)
Wrenches/screwdrivers, refer
to Onboard tool kit [197](#)

X

Xenon lamps [197](#)
– replacing bulbs [197](#)

Refueling

To ensure that you always have all the essential data on hand when refueling, we recommend that you fill in the following tables with the specifications and information that apply to your vehicle. Consult the index for individual specifications.

Fuel

Designation

Please enter your preferred fuel here.

Engine oil

Quality

Tire inflation pressures

	Summer tires Front	Rear	Winter tires Front	Rear
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Up to 2 persons

4 persons or 4 persons plus luggage

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