

Owner's Manual
for Vehicle



The Ultimate
Driving Machine



323i **Owner's Manual for Vehicle**

325i Congratulations, and thank you for choosing a BMW.

325xi Thorough familiarity with your vehicle will provide you with enhanced control and security when you drive it. We therefore have this request:

330i

330xi

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 information on a particular topic or item is by using the index, refer to page [226](#).

Using this Owner's Manual

- [4](#) Notes
- [6](#) Reporting safety defects

At a glance

- [10](#) Cockpit
- [16](#) iDrive
- [22](#) Voice command system

Controls

- [28](#) Opening and closing
- [40](#) Adjustments
- [49](#) Transporting children safely
- [52](#) Driving
- [69](#) Everything under control
- [83](#) Technology for driving comfort and safety
- [93](#) Lamps
- [97](#) Climate
- [103](#) Practical interior accessories

Driving tips

- [116](#) Things to remember when driving

Navigation

- [124](#) Starting the navigation system
- [125](#) Destination entry
- [136](#) Destination guidance
- [141](#) What to do if ...

Entertainment

- [144](#) On/off and settings
- [148](#) Radio
- [156](#) CD player and CD changer
- [162](#) External audio device

Communications

- [166](#) Telephoning
- [178](#) TeleService, BMW Assist

Mobility

- [186](#) Refueling
- [188](#) Wheels and tires
- [198](#) Under the hood
- [203](#) Maintenance
- [205](#) Replacing components
- [211](#) Giving and receiving assistance

Reference

- [218](#) Technical data
- [222](#) Short commands for the voice command system
- [226](#) Everything from A-Z

Notes

Using this Owner's Manual

We have tried to make all the information in this Owner's Manual easy to find. The fastest way to find specific topics is to refer to 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 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.

Information on BMW, e.g. on technical aspects, can also be found 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 you ordered your BMW, you chose various items of equipment. 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. For this reason, it is possible in exceptional cases that features described in this Owner's Manual could differ from those on your vehicle.

For your own safety

Maintenance and repair



Advanced technology, e.g. the use of modern materials and powerful electronics, requires specially adapted maintenance and repair methods. You should therefore have the corresponding work on your vehicle performed only by your BMW Center or at a workshop that works according to BMW repair procedures with correspondingly trained personnel. If this work is not carried out properly, there is a danger of subsequent damage and related safety hazards. ◀

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 Original 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.

Original 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 radio 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. ◀

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. ◀

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 US 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 1-800-831-1117.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or BMW of North America, LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-800-327-4236 (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.



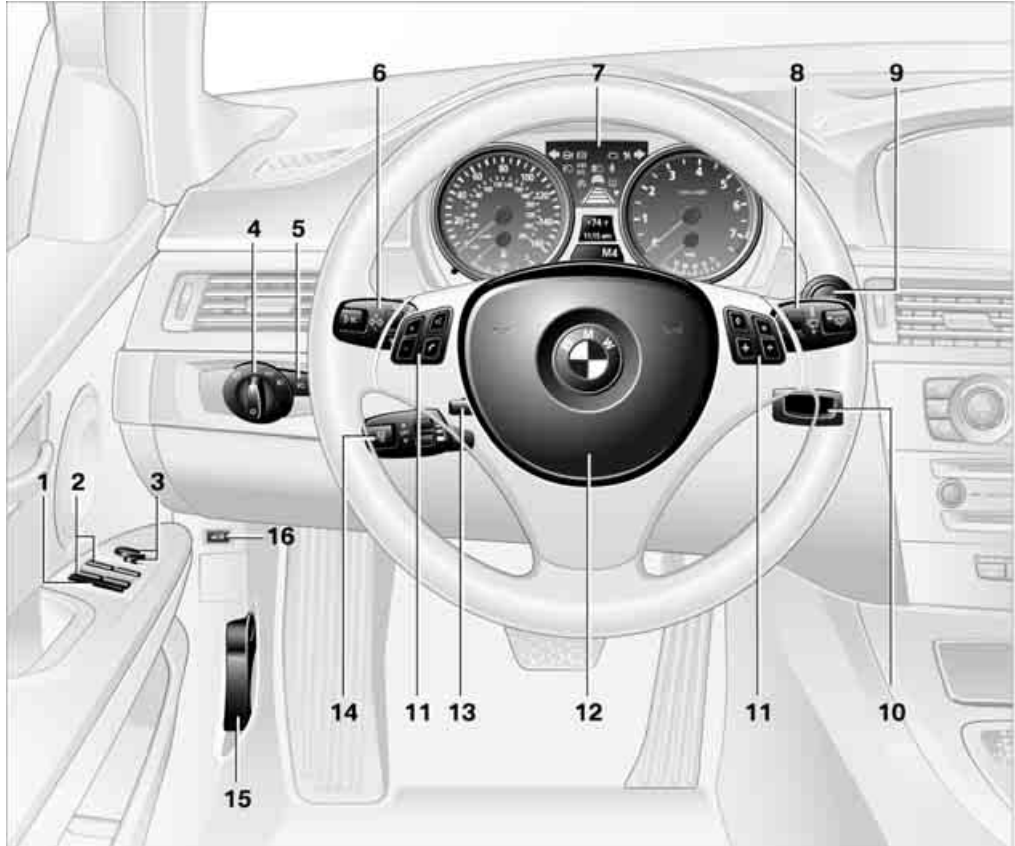




At a glance






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


Around the steering wheel: controls and displays



- 1  Safety switch for electric rear windows [38](#)
- 2  Opening and closing windows [37](#)
- 3 Adjusting exterior mirrors, automatic curb monitor* [45](#)

- 4  Parking lamps [93](#)
-  Low beams [93](#)
-  Automatic headlamp control* [93](#)
 Adaptive Head Light* [95](#)
- 5  Fog lamps* [95](#)

- 6**  Turn signals [58](#)
-  High beams, headlamp flasher [95](#)
-  Roadside parking lamps* [95](#)
- BC** Computer [70](#)
-  Settings and information about the vehicle [73](#)
-  Instrument lighting [96](#)
- 7** Instrument cluster [12](#)
- 8**  Windshield wipers [59](#)
-  Rain sensor* [59](#)

- 9**  Switching the ignition on/off and starting/stopping the engine [52](#)

10 Ignition lock [52](#)

11 Buttons* on the steering wheel




- Telephone*:
- ▷ Press: accepting and ending a call, starting dialing* for a 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 through phone book and lists with stored phone numbers



Individually programmable [47](#)



Individually programmable [47](#)

12 Horn: the entire surface

13 Steering wheel adjustment [47](#)

14



Cruise control* [60](#)

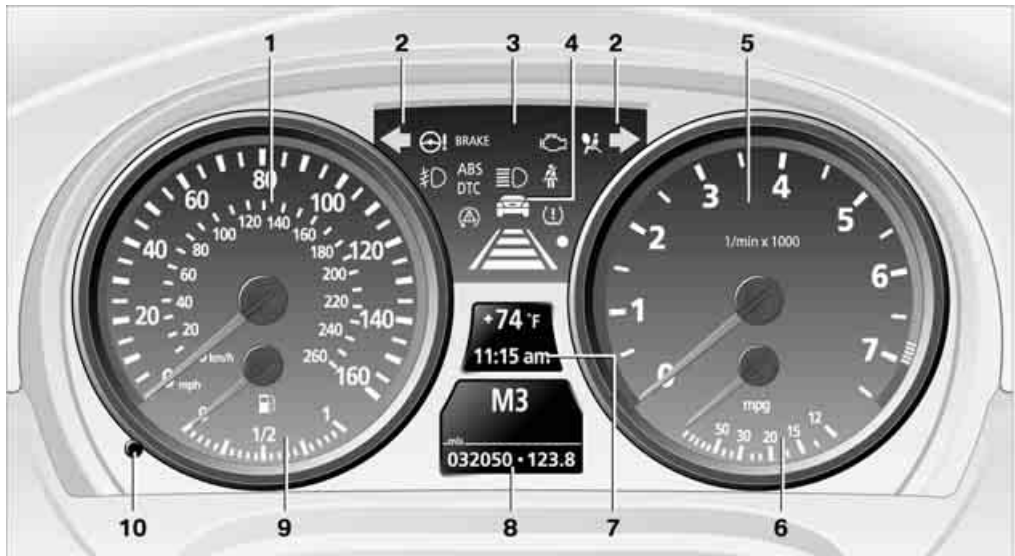


Active cruise control* [62](#)

15 Releasing the hood [198](#)

16 Opening the luggage compartment lid*

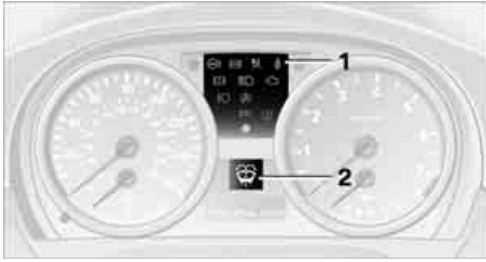
Instrument cluster



- 1 Speedometer
- 2 Indicator lamps for turn signals
- 3 Indicator and warning lamps [13](#)
- 4 Displays for active cruise control* [62](#)
- 5 Tachometer [69](#)
- 6 Energy Control [70](#)
- 7 Display for
 - ▷ Clock [69](#)
 - ▷ Outside temperature [69](#)
 - ▷ Indicator and warning lamps [79](#)
- 8 Display for
 - ▷ Position of automatic transmission* [57](#)
 - ▷ Sequential manual gearbox SMG* [55](#)
 - ▷ Computer [70](#)
 - ▷ Date of next scheduled service, and remaining distance to be driven [74](#)
 - ▷ Odometer and trip odometer [69](#)
 - ▷ Checking engine oil level* [199](#)
 - ▷ Settings and information [73](#)
- 9 Fuel gauge [70](#)
- 10 Resetting trip odometer [69](#)

Indicator and warning lamps

The concept



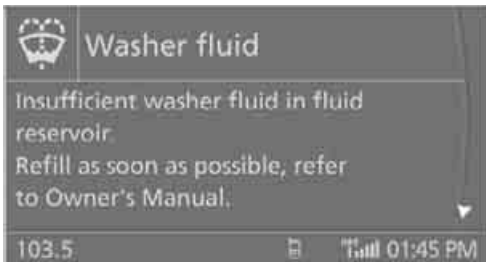
Indicator and warning lamps can light up in various combinations and colors in both the indicator area **1** and the display **2**.

Some lamps are checked for proper functioning and thus come on briefly when the engine is started or the ignition is switched on.

Explanatory text messages



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




You can call up more information, e.g. on the cause of a malfunction and on how to respond, via Check Control, refer to page [79](#).


In urgent cases, this information will be shown immediately as soon as the corresponding lamp comes on.


Indicator lamps without text messages

The following indicator lamps in the indicator area **1** signal that the associated functions are activated:

 High beams/headlamp flasher [95](#)

 Fog lamps* [95](#)

 Lamp flashes:
DSC or DTC is regulating the propulsive forces in order to maintain driving stability [85](#)

 Handbrake engaged [54](#)

Around the center console: controls and displays



- 1 Microphone for voice command system* and for telephone in hands-free mode*
- 2 Initiating an emergency call*
- 3 Reading lamps 96
- 4 Glass sunroof, electric* 38
- 5 Interior lamps 96
- 6 Passenger airbag status lamp* 92
- 7 Control Display 16
- 8 Hazard warning flashers
- 9 DTC Dynamic Traction Control 85
- 10 Central locking system 32
- 11 Automatic climate control



Air distribution to the windshield 98



Air distribution to the upper body area 98



Air distribution to the footwell 98

AUTO

Automatic air distribution and flow rate 98



Cooling function 100



AUC Automatic recirculated-air control 99



Recirculated-air mode 99



Maximum cooling 98



Residual heat mode 99



Air flow rate 99



Defrosting windows 100



Rear window defroster 100

12 Ejecting

- ▷ Audio CD 144
- ▷ Navigation DVD 124

13 Changing

- ▷ Radio station 148
- ▷ Track 157

14



Heated seats* 43



PDC Park Distance Control* 83



Roller sun blind* 106



Hill Descent Control HDC* 86

15 Controller 16

Can be turned, pressed, or moved horizontally in four directions

16 Activating voice command system* 22

17 Opening start menu on Control Display 17

18 Drive for navigation DVD 124

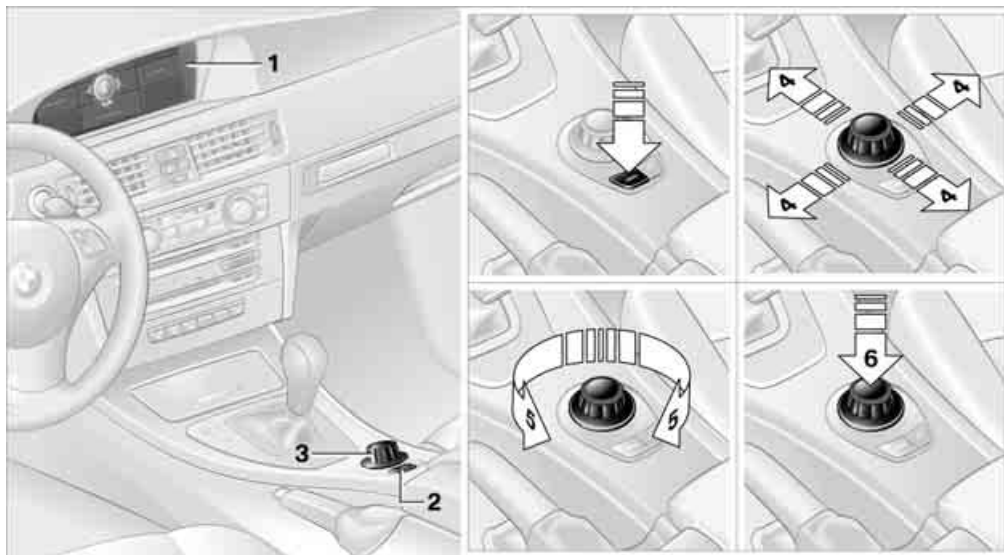
19 Switching audio sources on/off and adjusting volume 144

20 Drive for audio CDs 144

iDrive integrates the functions of a large number of switches. This allows these functions to be operated from a single central position. The following section provides an introduction to

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

Controls



- 1 Control Display
- 2 **MENU** button
Opening start menu
- 3 Controller
The controller can be used to select menu items and to adjust settings:
 - ▷ Move in four directions, arrow 4
 - ▷ Turn, arrow 5
 - ▷ Push, arrow 6

! Operate the controller only when traffic and road conditions allow this, to avoid endangering the car's occupants and other road users by being distracted. ◀

Menu overview

Communication

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

Navigation

- ▷ Navigation system
- ▷ Onboard information, e.g. for displaying the average fuel consumption.

Entertainment

- ▷ Radio
- ▷ CD player and CD changer*
- ▷ External audio device

Climate

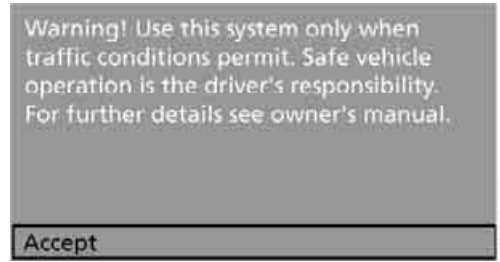
- ▷ Air distribution
- ▷ Automatic program
- ▷ Parked car ventilation

i menu

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

Operating principle

As of radio readiness, the following message appears on the Control Display:



Confirm the message by pressing the controller.

This opens the start menu.

Start menu



All iDrive functions can be called up via five menu items.

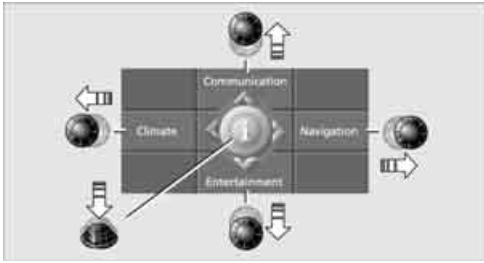
Opening start menu

Press the **MENU** button.

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

Press the **MENU** button twice.

Calling up menu items in the start menu



As of radio readiness, refer to page 52:
Via the start menu you can call up the four menu items of Communication, Navigation, Entertainment and Climate by moving the controller forwards, backwards, to the left or to the right. Depending on your selection, the menu last called up will be shown.

You can call up the **i** menu by pressing the controller.

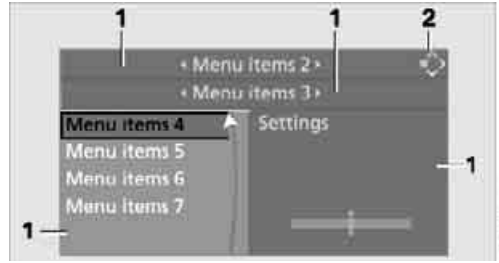
Convenient call-up of menu items

The convenient call-up function enables you to:

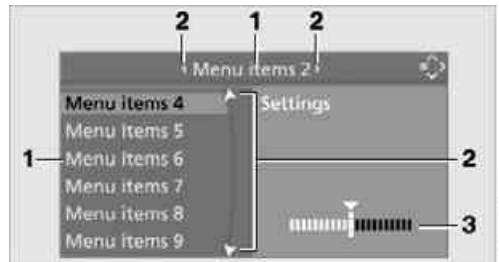
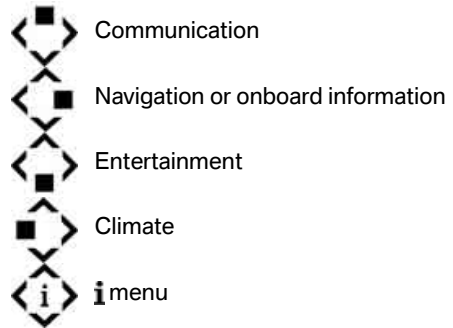
- ▶ Call up a menu item from the start menu in the view last displayed
- ▶ Switch directly between Communication, Navigation, Entertainment and Climate without having to press the **MENU** button

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

Displays in menu



- 1 Each menu is subdivided into fields. The active field is highlighted.
- 2 A symbol indicates the start menu item last selected.

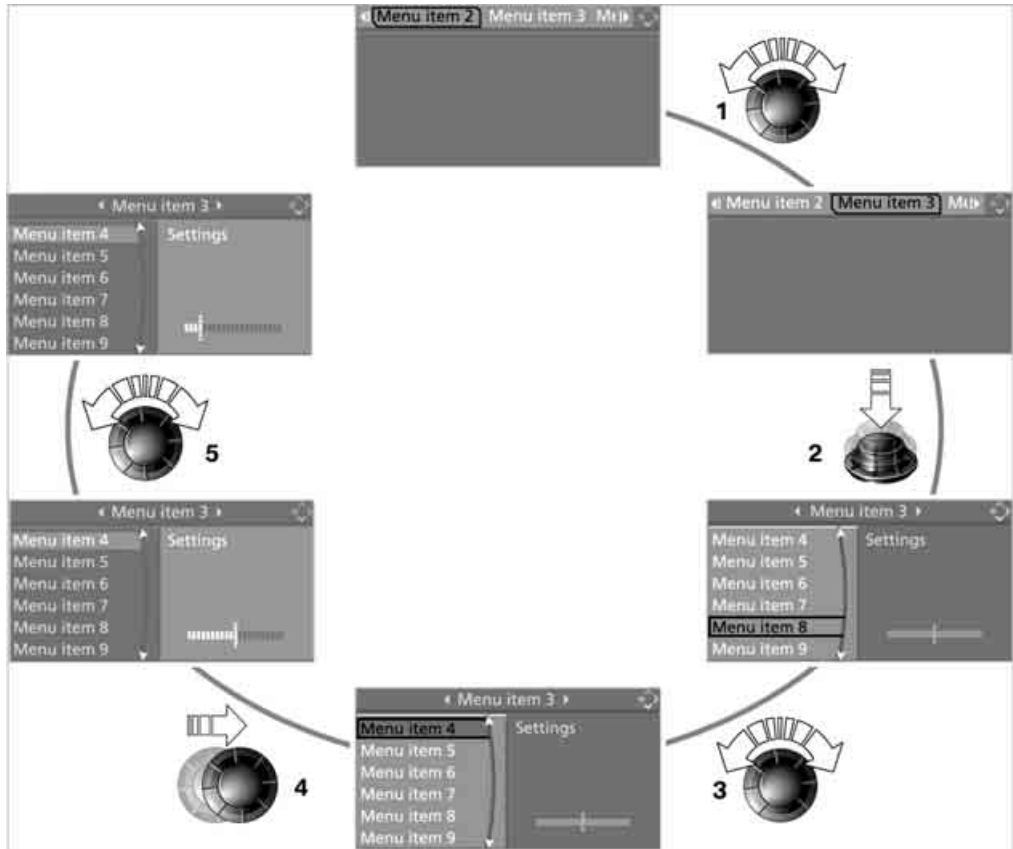


- 1 Menu items are usually grouped in horizontal or vertical lists.
- 2 In these lists, arrows indicate the possibility of accessing other menu items that are not currently visible.
- 3 Settings are represented graphically or as numerical values.

Operating principle at a glance

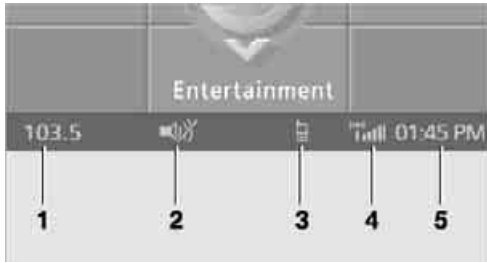
The following is a general description of operations using iDrive.

For an exemplary step-by-step application refer to Setting the time, page 77.



- 1 Select a menu item:**
 - ▶ Turn the controller; the highlight marker moves
 - ▶ Menu items in white can be selected by highlighting them
- 2 To activate a menu item:**
 - ▶ Press the controller
 - ▶ New menu items are displayed or the function is executed
- 3 Select a menu item: refer to 1**
- 4 To switch between fields:**
 - ▶ Briefly move the controller to the left, right, forward, or backward
 - ▶ Release the controller
 - ▶ The active field is brighter in color
- 5 To adjust settings:**
 - ▶ Turn the controller
 - ▶ Graphic display, numerical value or text displays can be changed
 - ▶ Confirm by changing the field

Status information



- 1 Display for:
 - ▷ Entertainment: Radio, CD or
 - ▷ Telephone* in "Communication": Name of the connected mobile phone, network search or no network
 - ▷ "BMW Assist"*: Active voice connection with a BMW Assist service
- 2 Entertainment audio output off
- 3 Display for:
 - ▷ New entries present in "Missed calls"*
 - ▷ Roaming active
- 4 It is possible to make calls* if the mobile phone is paired with the vehicle
 Reception strength of mobile phone network, depending on mobile phone
- 5 Time

Other displays:

Status information is temporarily hidden during Check Control message displays or entries via the voice command system*.

Assistance window*



Additional information can be displayed in the assistance window:

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

Selecting display

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



To turn back 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.



Press the controller to switch on.

Voice command system*

The concept

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

Individual menu items on the Control Display can be spoken as commands. It is not necessary to use the controller.


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

The voice command system uses a special microphone located in the area of the interior rearview mirror, refer to page 15.

Precondition


Via iDrive, select the language in which the voice command system is operating, so that the spoken commands can be identified. Selecting the language for iDrive, refer to page 82.

Symbols in the Owner's Manual


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

Saying 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 receive spoken commands.




2. Say the command.
The command appears on the Control Display.



 This symbol appears on the Control Display when you can enter additional commands.

If no further commands are possible, continue by operating the item of equipment via iDrive.

Terminating or canceling voice command system

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

 ›Cancel‹.

Commands

Having the 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 possible commands read out to you:

 ›Options‹

For instance, if you have selected "CD", the commands available for operating the CD player and CD changer are read out.

Opening help

 ›Help‹

Using alternative commands


There are often a number of commands to run a function, e.g.:

 ›Settings menu‹ or ›i menu‹


Calling up functions immediately via short commands


Short commands enable you to perform certain functions immediately, irrespective of which menu item is selected, refer to page 222.

Opening the start menu


 ›Main menu‹

Example: selecting a track


1. If necessary, switch on entertainment audio output.
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 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

 For information on voice control of the telephone, refer also to the separate Owner's Manual. ◀

For voice commands, bear in mind the following:

- ▷ Pronounce the commands and digits smoothly and at normal volume, avoiding excessive emphases and pauses. The same applies to spelling when entering a destination for navigation.
- ▷ Always speak the commands in the language of the voice command system.
- ▷ When selecting a radio station, use the standard 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 sunroof closed to prevent interference from outside noise.
- ▷ Avoid ambient noise in the vehicle while speaking.



The background of the page is a blurred, monochromatic image of a car's interior, showing the steering wheel on the left and the dashboard and center console in the center. The image is out of focus, creating a sense of depth and context for the text.

Controls

This chapter is intended to provide you with information for complete control of your vehicle. All features and accessories that are useful for driving and your safety, comfort and convenience, are described here.

Opening and closing

Keys/remote controls



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

Remote control with integrated key

Each remote control contains a rechargeable battery that is automatically recharged when it is in the ignition lock while the car is being driven. Use the remote control at least twice a year in order to keep the batteries charged. In cars equipped with convenient access*, the remote control contains a replaceable battery, refer to page 37.

The settings called up and implemented when the car is unlocked depend on which remote control is used to unlock the car, refer to Personal Profile, page 29.

In addition, information about service requirements is stored in the remote control, refer to Service data in the remote control, page 203.

Integrated key



Press button 1 to release the key.

The integrated key fits the following locks:

- ▷ Glove compartment, refer to page 106
- ▷ Driver's door, refer to page 32
- ▷ Luggage compartment lid, refer to page 33

New remote controls

Your BMW Center can supply new remote controls with integrated keys as additional units or as replacements in the event of loss.

Spare key

Spare key for storage in a safe place, such as in your wallet. This key is not intended for regular use.

The spare key and the integrated key fit the same locks.

Adapter for spare key

The adapter is necessary for starting the car with the spare key or switching on radio readiness.



Take the adapter out of the bracket on the inside of the glove compartment and slide the spare key into the adapter before using it.

Personal Profile

The concept

You can set many of your BMW's functions to suit your personal needs and preferences. Without any action on your part, Personal Profile ensures that most of these settings are stored for the remote control currently in use. When you unlock the car, the remote control used for the purpose is recognized and the settings stored for it are called up and implemented.

This means that your personal settings are active when you return to your BMW, even if the car was used in the meantime by someone else with a remote control of their own and the settings were changed accordingly.

You can configure a maximum of three remote controls for three different people. The prerequisite for this is that each person has his or her own remote control.

Personal Profile settings

For more information on specific settings, refer to the specified pages.

- ▷ Response of the central locking system when the car is unlocked, refer to page 30
- ▷ Automatic locking of the vehicle, refer to page 32
- ▷ Automatic call-up* of the driver's-seat and exterior-mirror positions after unlocking, refer to page 44

- ▷ Functions assigned to the programmable buttons* on the steering wheel, refer to page 47
- ▷ 12h/24h mode of the clock, refer to page 78
- ▷ Date format, refer to page 79
- ▷ Brightness of the Control Display, refer to page 82
- ▷ Language on the Control Display, refer to page 82
- ▷ Units of measure for fuel consumption, distance covered/remaining distances, and temperature, refer to page 73
- ▷ Show visual warning for Park Distance Control PDC*, refer to page 83
- ▷ Automatic climate control: AUTO program, activating/deactivating cooling function and automatic recirculated-air control, setting temperature, air flow rate and distribution, refer to page 98 ff
- ▷ Audio volume, refer to page 145
- ▷ Tone control, refer to page 145
- ▷ Speed-dependent volume control, refer to page 145

Central locking system

The concept

The central locking system is ready for operation whenever the driver's door is closed.

The system simultaneously engages and releases the locks on the following:

- ▷ Doors
- ▷ Luggage compartment lid
- ▷ Fuel filler door

Operating from outside

- ▷ Via the remote control
- ▷ Via the door lock
- ▷ In cars with convenient access*, via the handles on the driver's and front passenger's doors

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

For further details of the alarm system, refer to page 34.


Operating from inside

By means of the button for central locking, refer to page 32.

In the event of a sufficiently severe accident, the central locking system unlocks automatically. In addition, the hazard warning flashers and interior lamps come on.

Opening and closing: from outside

Using the remote control

 Persons or animals in a parked vehicle could lock the doors from the inside. You should therefore take the remote control with you so that the car can be opened from the outside. ◀

Unlocking

Press the  button.

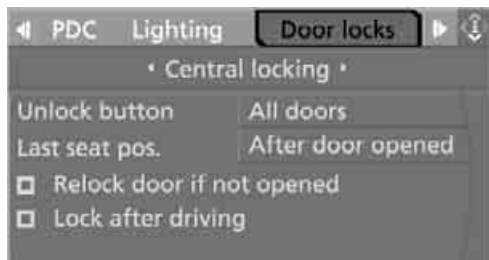
The interior lamp and the doors' courtesy lamps* come on. Exterior mirrors that were folded in are automatically folded back*.



You can also set the way in which the car is unlocked. The setting is stored for the remote control currently in use.

iDrive concept, 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.

Convenience opening

Hold the  button down. The electric windows and the glass sunroof* are opened.

Locking

Press the  LOCK button.

Switching on interior lamps


While the car 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 if you find yourself in a dangerous situation:

Press the  button for at least three seconds. To switch off the alarm: press any button.

Unlocking the luggage compartment lid

Press the  button for a longer period.

The luggage compartment lid opens a short distance, regardless of whether it was locked or unlocked.


 In order to avoid damage, make sure there is sufficient clearance in all directions before opening the luggage compartment lid. A previously locked luggage compartment lid is locked again after closing. Before and after each trip, check that the luggage compartment lid has not been inadvertently unlocked. ◀

Setting confirmation signals

You can program the vehicle to confirm when it has been locked or unlocked.

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 "Confirmation" and press the controller.



6. Select the desired signal.
7. Press the controller.
 The signal is activated.

Malfunctions

The remote control may malfunction due to local radio waves. If this occurs, unlock and lock the car at the door lock with the integrated key.

If the car can no longer be locked with a remote control, the battery in the remote control 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 Communications Commission regulations. Operation is governed by the following:

FCC ID:
LX8766S
LX8766E
LX8CAS

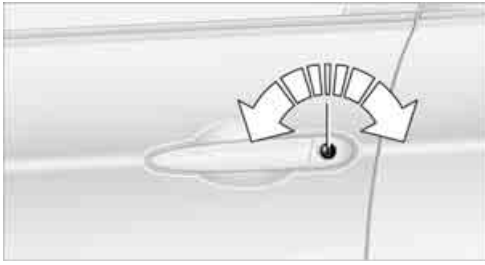
Compliance statement:

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

- ▶ This device must 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 the door lock



You can set the way in which the car is unlocked, refer to page 30.

Convenient operation

You can also operate the windows and glass sunroof via the door lock.

Hold the key in the position for unlocking or locking.

⚠ Watch during the closing process 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 lock and unlock the driver's door by turning the integrated key or the spare key to the corresponding limit positions in the door lock.

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 set the situations in which the car locks:

iDrive concept, 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 a menu item:
 - ▷ "Relock door if not opened"
The central locking system automatically locks the vehicle after a short time when no door has been opened.
 - ▷ "Lock after driving"
The central locking system automatically locks the vehicle as soon as you start to drive.
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 the doors together using the button for the central locking system and then pull the door handle above the armrest or
- ▷ pull on the door handle of each door twice: the first time unlocks the door, the second time opens it.

Locking

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

 Persons or animals in a parked vehicle could lock the doors from the inside. You should therefore take the remote control with you so that the car can be opened from the outside. ◀

Luggage compartment lid

 In order to avoid damage, make sure there is sufficient clearance in all directions before opening the luggage compartment lid. ◀


Opening from inside



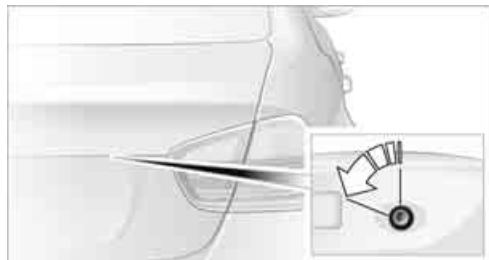
Press the button: the luggage compartment lid opens unless it has been locked.

Opening from outside



Press the button, see arrow, or the  button on the remote control for a longer period. The lug-


gage compartment lid will open slightly. It can now be swung upwards.



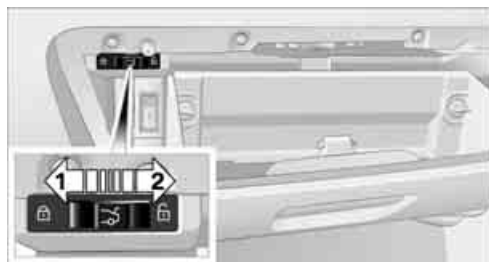
The integrated key of the remote control and the spare key, refer to page 28, fit the luggage compartment lid lock.

Opening manually

Turn the integrated key of the remote control or the spare key all the way to the left: the luggage compartment lid opens.

 If you unlock and open the luggage compartment lid with the key while the alarm system is armed, the alarm will be triggered. Switching off an alarm, refer to page 34. ◀

Locking or unlocking separately



The switch is located in the glove compartment.

- 1 Locking the luggage compartment lid
- 2 Unlocking the luggage compartment lid

Locking separately

Push the switch in the direction of arrow 1. The luggage compartment lid is locked and cannot be unlocked using the central locking system.

If you give the remote control without the integrated key to someone else while the glove

compartment is locked, the luggage compartment lid cannot be opened. This is an advantage when valet parking, for example.

Unlocking separately

Push the switch in the direction of arrow **2**.

Emergency release



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

Closing



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

⚠ Make sure that the closing path of the luggage compartment lid is clear, otherwise injuries may result. ◀

Alarm system*

The concept

The vehicle alarm system responds:

- ▷ When a door, the hood or the luggage compartment lid is opened


- ▷ To movements inside the vehicle: Interior motion sensor, refer to the information further below
- ▷ When the car's inclination changes, for instance if an attempt is made to jack it up and steal the wheels or to raise it prior to towing away
- ▷ When there is an interruption in the power supply from the battery

The alarm system signals unauthorized entry attempts for a short time by means of:

- ▷ An acoustic alarm
- ▷ Switching on the hazard warning flashers
- ▷ Flashing the high beams

Arming and disarming

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.

Even when the alarm system is armed, you can open the luggage compartment lid by means of the  button on the remote control, refer to page 31. When you subsequently close the luggage compartment lid, it is again locked and monitored.

Switching off an alarm

- ▷ Unlock the car with the remote control, refer to page 30, or
- ▷ insert the remote control all the way into the ignition lock.

Indicator lamp displays



- ▷ The indicator lamp under the inside rearview mirror flashes continuously: the system is armed.

- ▷ The indicator lamp flashes after locking: doors, hood 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.
- ▷ The indicator lamp goes out after unlocking: your vehicle has not been disturbed while you were away.
- ▷ If the indicator lamp flashes after unlocking until the remote control is inserted in the ignition, but for no longer than approx. 5 minutes: your vehicle has been disturbed while you were away.

Tilt alarm sensor

The tilt of the vehicle is monitored. The alarm system reacts, e.g. to attempts to steal a wheel or tow the vehicle.

Interior motion sensor


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

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

Switching off tilt alarm sensor and interior motion sensor

Press the  LOCK button on the remote control twice in a row.

The indicator lamp comes on for approx. two seconds, then begins to flash steadily. The tilt alarm sensor and the interior motion sensor are switched off until the next time the vehicle is unlocked and subsequently locked again.

Convenient access*

Convenient access enables you to enter your vehicle without needing to hold the remote control in your hand. All you need to do is wear the remote control close to your body, e.g. in your jacket pocket. The vehicle automatically detects the corresponding remote control within the immediate vicinity or in the passenger compartment.

Convenient access supports the following functions:

- ▷ Unlocking/locking the vehicle
- ▷ Unlocking the luggage compartment lid separately
- ▷ Engine starting
- ▷ Convenient closure

Functional requirement

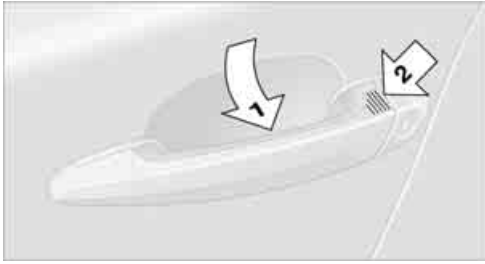
- ▷ The vehicle or the luggage compartment lid can only be locked when the vehicle detects that the remote control currently in use is outside of the vehicle.
- ▷ The vehicle cannot be locked or unlocked again until after approx. 2 seconds.
- ▷ The engine can only be started when the vehicle detects that the remote control currently in use is inside the vehicle.


Special features in comparison to conventional remote controls

In general, there is no difference between using convenient access or pressing the buttons on the remote control to carry out the functions mentioned above. You should therefore first familiarize yourself with the instructions on opening and closing starting on page 28.

Special features regarding the use of convenient access are described below.


Unlocking




Grasp the handle on the driver's or front passenger's door completely, arrow 1. This corresponds to pressing the  button.

If a remote control is detected inside the car after the vehicle is unlocked, the electric steering wheel lock is released, refer to page 52.


Locking

Touch the surface, arrow 2, with your finger for approx. 1 second. This corresponds to pressing the  LOCK button.

For convenient closure, keep your finger on the surface, arrow 2.


 If the vehicle detects that a remote control has been accidentally left inside the locked vehicle's luggage compartment after the luggage compartment lid is closed, the luggage compartment lid will reopen slightly. The hazard warning flashers flash and an acoustic signal* sounds. ◀

Unlocking just the luggage compartment lid

Press the button on the outside of the luggage compartment lid. This corresponds to pressing the  button.

Switching on radio readiness

Radio readiness is switched on by pressing the start/stop button, refer to page 52.

 Do not depress the brake or the clutch, otherwise the engine will start immediately. ◀

Starting the engine

You can start the engine or switch on the ignition when a remote control is inside the vehicle. It is not necessary to insert a remote control into the ignition switch, refer to page 52.

Switching off the engine in vehicles with automatic transmission

The engine can only be switched off when the selector lever is in position P, refer to page 54. To switch the engine off when the selector lever is in position N, the remote control must be in the ignition switch.

Before driving a vehicle with automatic transmission into a car wash

1. Insert remote control into ignition switch.
2. Depress the brake.
3. Move the selector lever to position N.
4. Switch off the engine.

The vehicle can roll.

Malfunction

Convenient access may malfunction due to local radio waves. If this happens, open or close the vehicle via the buttons on the remote control or using the integrated key. To start the engine afterward, insert the remote control into the ignition switch.

Warning lamps



The warning lamp in the instrument cluster lights up when you attempt to start the engine: the engine cannot be started. The remote control is not inside the vehicle or is malfunctioning. Take the remote control with you inside the vehicle or have it checked. If necessary, insert another remote control into the ignition switch.



The warning lamp in the instrument cluster lights up while the engine is running: the remote control is no longer inside the vehicle. After the engine is switched off, the engine can only be restarted within approx. 10 seconds.



The indicator lamp in the instrument cluster comes on and a message appears on the Control Display: replace the battery in the remote control.

Replacing the battery

The remote control for convenient access contains a battery that will need to be replaced from time to time.

1. Take the integrated key out of the remote control, refer to page 28.



2. Remove the cover.
3. Insert the new battery with the plus side facing up.
4. Press the cover on to close.



Take the old battery to a battery 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. Take the remote control with you when you leave the car, otherwise children could operate the electric windows and possibly injure themselves. ◀

Opening, closing



- ▷ Press the switch to the resistance point. The window continues to open as long as you keep the switch pressed.
- ▷ Press the switch beyond the resistance point. The window opens automatically. Press the switch again to stop the opening movement.

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

There are separate switches in the rear seat armrests.

After switching off the ignition

When the remote control is removed or the ignition is switched off, you can still operate the windows for approx. 1 minute as long as no door is opened.

For information on convenient operation via the remote control or the door lock, refer to page 30 or 32. For information on closing with convenient access, refer to Locking on page 30.



Take the remote control with you when you leave the car, otherwise children could operate the electric windows and possibly injure themselves. ◀

Anti-trapping mechanism

If the closing force exceeds a specific value as an electric window closes, the closing action is interrupted immediately and the window reopens slightly.

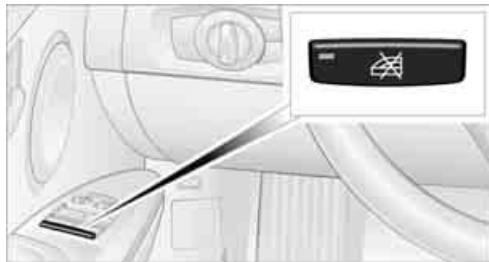


Despite the anti-trapping mechanism check and clear the window's travel path prior to closing it, otherwise the safety system might fail to detect certain kinds of obstruc-

tions, such as 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, if the closing force exceeds a defined threshold, the window will only open a few fractions of an inch/a few millimeters.

If the switch is pulled past the resistance point again within approx. 4 seconds, the anti-trapping mechanism will be deactivated. ◀

Safety switch



With the safety switch, you can prevent the rear windows from being opened or closed via the switches in the rear passenger area, by children, for example. When the safety function is switched on, the LED comes on.

⚠ Always press the safety switch when children ride in the rear, otherwise unchecked closing of the windows could lead to injuries. ◀

Accessories in a window area

If you install accessories within the power window movement range, e.g. a clip-on antenna for your mobile phone, the system must be initialized to teach it the new conditions. BMW recommends having this work done by your BMW Center.

Glass sunroof*, electric

The glass sunroof is operational when the ignition is switched on, refer to page 52.

⚠ To prevent injuries, exercise care when closing the glass sunroof and keep it in

your field of vision until it is shut. Take the remote control with you when you leave the car, otherwise children could operate the sunroof and possibly injure themselves. ◀



Raising

Press the switch.

- ▷ The closed glass sunroof is raised and the sliding visor is opened slightly.
- ▷ When the glass sunroof is open, it automatically travels into the raised position. The sliding visor remains completely open.

⚠ Do not close the sliding visor forcibly with the roof in the raised position, otherwise this could damage the mechanism. ◀

Opening, closing

- ▷ Press the switch backwards to the resistance point. The glass sunroof and the sliding visor open together as long as you hold the switch in this position.
- ▷ Press the switch backwards past the resistance point. The glass sunroof and the sliding visor open automatically. Briefly press the switch again to stop the opening movement.

You can close the glass sunroof in a similar manner by pressing the switch forwards. The sliding visor remains open and can be closed by hand.

For information on convenient operation via the remote control or door lock, refer to page 30 or 32.

Anti-trapping mechanism

If the glass sunroof encounters an obstruction during closing from approximately the middle of the opening in the roof, or during closing from the raised position, the closing movement is interrupted and the glass sunroof is opened again slightly.

⚠ Despite the anti-trapping mechanism check and clear the sunroof's travel path prior to closing it, otherwise the safety system 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 there deactivates the anti-trapping mechanism. ◀

Following interruptions in electrical power supply

After a power failure, there is a possibility that the sunroof can only be raised. The system must be initialized. BMW recommends having this work done by your BMW Center.

Closing manually

In the event of an electrical malfunction, you can move the glass sunroof manually:

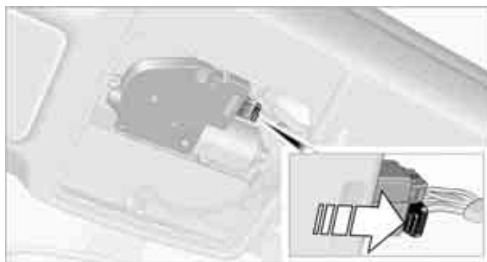
1. Unclip the front of the cover of the interior lamps using the screwdriver from the onboard tool kit, refer to page 205.



2. Insert the screwdriver into the openings on each side to press the clips.



3. Remove the control unit.
4. Unplug the motor. Considerably less effort will be required for manual operation.



5. Insert the Allen wrench supplied with the onboard tool kit, refer to page 205, into the opening provided. Move the glass sunroof in the desired direction.



6. Reinstall the control unit and reattach the lamp cover.


Adjustments

Sitting safely

The ideal sitting position can make a vital contribution to relaxed, fatigue-free driving. In conjunction with the safety belts, the head restraints and the airbags, the seated position has a major influence on your safety in the event of an accident. To ensure that the safety systems operate with optimal efficiency, we strongly urge you to observe the instructions contained in the following section.

For additional information on transporting children safely, refer to page 49.

Airbags

 Always maintain an adequate distance between yourself and the airbags. Always grip the steering wheel on the rim, with your hands in the 3 o'clock and 9 o'clock positions, to minimize the risk of injury to the hands or arms in the event of the airbag being triggered off.

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, e.g. not resting feet or legs on the instrument panel, otherwise leg injuries can occur if the front airbag is triggered.


Make sure that passengers do not lean their heads against the side or head airbags, otherwise serious injuries could result if the side airbags suddenly deployed. ◀

Even if you follow all the instructions, injuries resulting from contact with airbags cannot be fully excluded, 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 restraint


A correctly adjusted head restraint reduces the risk of neck injury in the event of an accident.

 Adjust the head restraint in such a way that its center is at approx. ear level. Otherwise, there is an increased risk of injury in the event of an accident. ◀

Head restraints, refer to page 42.

Safety belt

Before every drive, make sure that all occupants wear their safety belts. Airbags complement the safety belt as an additional safety device, but they do not represent a substitute.

 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 also wear the safety belt, making sure that the strap in the pelvic area is well down on the hips and does not press against the abdominal region of the body.

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. The safety belt should not be twisted and must be positioned firmly over the pelvis and shoulder, as close to the body as possible. It should not pass over hard or fragile objects, otherwise the belt in the pelvic area could slide over the hips in the event of a head-on collision and injure the lower abdomen. Avoid wearing bulky clothing and regularly pull the belt in the upper-body area taut, otherwise its restraining effect could be impaired. ◀

Safety belts, refer to page 45.

Seats

Note before adjusting

 Never attempt to adjust your seat while the vehicle is moving. The seat could respond with unexpected movement, and the

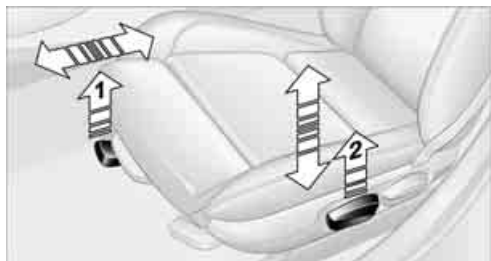
ensuing loss of vehicle control could lead to an accident.

On the front passenger seat as well, do not incline the backrest too far to the rear while the vehicle is being driven, otherwise there is a danger in the event of an accident of sliding under the safety belt, eliminating the protection normally provided by the belt. ◀

Comply with the instructions on head restraint height on page 42, and on damaged safety belts on page 45.

Seat adjustment

⚠ Observe the adjustment instructions on page 40 to ensure the best possible personal protection. ◀



Longitudinal direction

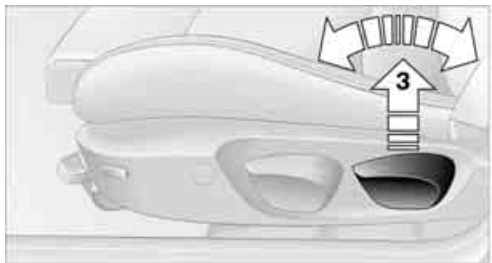
Pull lever 1 and slide the seat to the desired position.

After releasing the lever, move the seat gently forward or back to make sure it engages properly.

Height

Pull lever 2 and apply your weight to the seat or lift it off, as necessary.

Backrest



Pull lever 3 and apply your weight to the backrest or lift it off, as necessary.

Lumbar support*



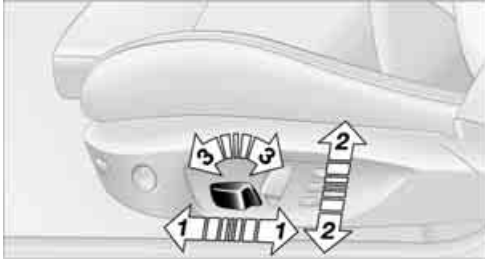
You can also adjust the contour of the backrest to obtain additional support in the lumbar region.

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

- ▷ Increase or decrease curvature: push switch forward or back.
- ▷ Shift curvature up or down: push switch up or down.

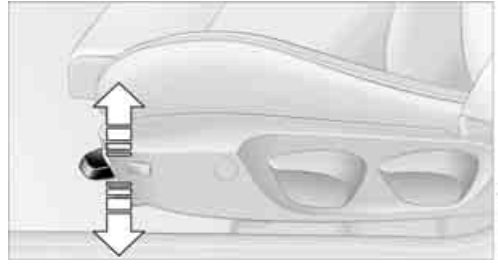
Electric seat adjustment*

⚠ Comply with the adjusting instructions mentioned above to ensure the best possible personal protection. ◀



- 1 Longitudinal direction
- 2 Height
- 3 Angle

Angle



Pull the lever and apply your weight to the seat or lift it off, as necessary.



- 4 Backrest

The head restraints are adjusted manually, refer to Head restraints below.

Backrest width



You can change the width of the backrest to suit your individual preferences by adjusting the lateral-support pads.

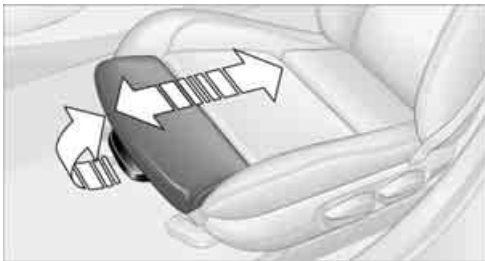
Sports seat*

On this seat, you can manually adjust the thigh support, the tilt angle and the width of the backrest.

Push switch forward or back.

Backrest width decreases or increases accordingly.


Thigh support



Pull the lever and move the thigh support forward or back.

Head restraints

A correctly adjusted head restraint reduces the risk of neck injury in the event of an accident.

 Adjust the head restraint in such a way that its center is at approx. ear level. Otherwise, there is an increased risk of injury in the event of an accident. ◀

Front seats

Height adjustment



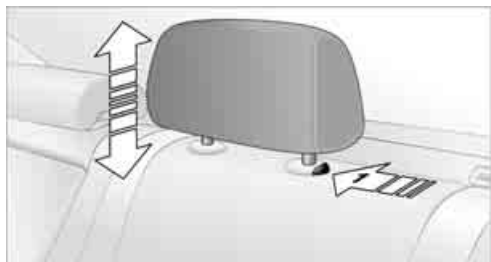
- ▷ To raise: pull up.
- ▷ To lower: press the button, arrow 1, and slide the head restraint down.

Removing

1. Pull up all the way.
2. Press the button, arrow 1, and pull the head restraint all the way out.

Rear seats

Height adjustment



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

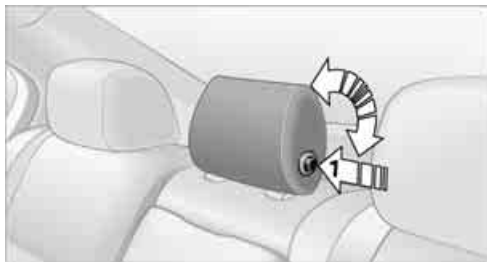
The center head restraint is not height-adjustable.

Removing

1. Pull up all the way.
2. Press the button, arrow 1, and pull the head restraint all the way out.
With through-loading system: Fold the rear-

seat backrest slightly forward before pulling out a head restraint.


Folding the center head restraint down and up



Folding down:
Press the button, arrow 1.

Folding up:
Pull the head restraint.

Depending on the equipment version, it may be possible to fold the outer rear head restraints down and up as well.

 Note that it is an offense to drive with the rear seats occupied and the rear head restraints folded down. Fold up the head restraints before allowing passengers to occupy the rear seats. ◀

Heated seats*



Press once for each temperature level. Three lamps indicate the highest temperature.

To switch off:
Press button longer.

If you continue driving within the next 15 minutes, the seat heating is automatically activated at the previously set temperature.

Seat and mirror memory*

You can store and call up two different combinations of driver's-seat and exterior-mirror positions.

Settings for the seat back width and lumbar support are not stored in memory.

Storing



1. Switch on radio readiness or the ignition, refer to page 52.
2. Adjust the seat and exterior mirrors to the desired positions.
3. Press the **M** button.
The LED in the button lights up.
4. Press the desired memory key **1** or **2**.
The LED goes out.

The driver's seat and exterior mirror positions are stored for the remote control currently in use.

Automatic call-up

You can select at what occasion the stored positions of the driver's seat and exterior mirrors are to be called up.

- ▷ Call-up when the vehicle is unlocked
- ▷ Call-up when the driver's door is opened.

⚠ When this Personal Profile function is used, first ensure that the footwell behind the driver's seat is free of obstacles. Failure to do so could cause injury to persons or damage to objects as a result of a rearward movement of the seat. ◀

The adjusting procedure is immediately halted when you press a seat adjustment switch or one of the MEMORY buttons.

Selecting automatic call-up

iDrive concept, 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.

Switching off automatic call-up

Select "Deactivated" and press the controller.

Manual call-up

⚠ Do not call up memory while you are driving, otherwise unexpected seat movement could result in an accident. ◀

Convenience mode

1. Unlock and open the driver's door or switch on radio readiness, refer to page 52.
2. Briefly press the desired memory button 1 or 2.


The adjusting procedure is immediately halted when you touch a seat adjustment switch or one of the MEMORY buttons.

Safety feature

1. Close the driver's door and switch the ignition on or off, refer to page 52.
2. Press the desired memory button 1 or 2 and maintain pressure until the adjustment process has been completed.

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

Safety belts

 Observe the adjustment instructions on page 40 to ensure the best possible personal protection. ◀

Before every drive, make sure that all occupants wear their safety belts. Airbags complement the safety belt as an additional safety device, but they do not represent a substitute.

On the rear seats, the center belt buckle marked with the letters CENTER is solely intended for the center passenger.



Closing

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

The upper belt anchor is suitable for adults of any stature as long as the seat is adjusted properly, refer to page 40.

Opening

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


'Fasten safety belts' reminder for front seats



The indicator lamp comes on and an acoustic signal sounds. In addition, a message will appear on the Control Display. Check whether the safety belt has been fastened correctly.

The 'Fasten safety belts' reminder is issued as long as the driver's safety belt has not been fastened. The 'Fasten safety belts' reminder is also activated at road speeds above approx. 5 mph or 8 km/h if the front passenger's safety belt is not fastened, if heavy objects are placed on the front passenger seat, or if driver or front passenger unfasten their safety belts.

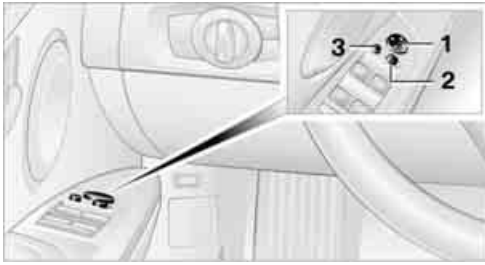
Damage to safety belts

 If the safety belts are damaged or stressed in an accident: have the belt system, including any belt tensioners, replaced and the belt anchors checked. Have this work done only by your BMW Center or at a workshop that works according to BMW repair procedures with correspondingly trained personnel. Otherwise, it is not guaranteed that the safety devices will function properly. ◀

Mirrors

Exterior mirrors

The front passenger's mirror is more convex than the driver's mirror. The objects seen in the mirror are closer than they appear. Do not gauge your distance from traffic behind you on the basis of what you see in the mirror; otherwise there is an increased risk of an accident. ◀



- 1 Adjustments
- 2 Switching to the other mirror or automatic curb monitor*
- 3 Folding mirrors in and out*

The positions of the exterior mirrors are stored for the remote control currently used*, refer to Personal Profile, page 29.

Manual adjustment

The mirrors can also be adjusted manually: press the edge of the glass.

⚠ To prevent the exterior mirrors on this vehicle from being damaged, always fold them in by hand before entering an automatic car wash. ◀

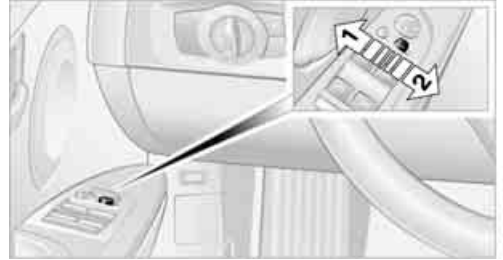
Automatic heating*

At outside temperatures below a certain limit, both exterior mirrors are automatically heated while the engine is running or the ignition switched on.

Passenger-side mirror tilt function – automatic curb monitor*

Activating

1. Push the switch to the position for the driver's-side mirror, arrow 1.



2. Engage reverse gear or move the selector lever to position R.
The glass of the mirror on the passenger side tilts slightly down. This allows the driver to see the area immediately adjacent to the vehicle, such as a curb, when parking, etc.

Deactivating

Push the switch to the position for the passenger-side mirror, arrow 2.


Interior rearview mirror

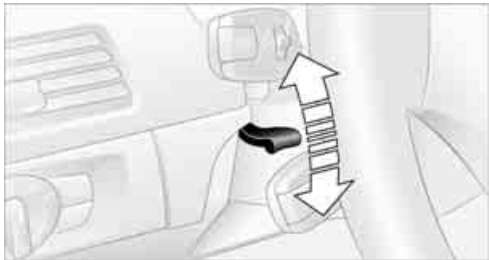


Turn the knob to reduce glare from the headlights of cars behind you when driving at night. Automatically dimming mirrors, refer to page 117.


Steering wheel

Adjustments

 Do not adjust the steering wheel position while the car is in motion, or an accident may result from any unexpected movement. ◀



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

 Do not use force to swing the lever back up, otherwise the mechanism will be damaged. ◀

Electric steering wheel lock

The steering wheel locks or unlocks automatically when the remote control is removed or inserted, refer to page 52.

Programmable buttons on the steering wheel

You can program the buttons to suit your personal preferences:



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

iDrive concept, refer to page 16.

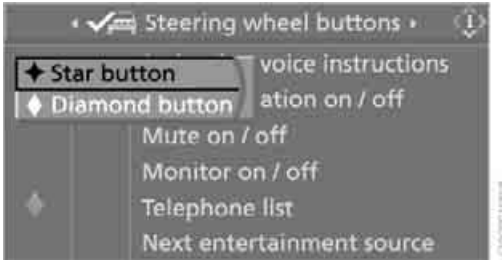
1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Vehicle settings" and press the controller.
4. If necessary, move the highlight marker to the uppermost field. Turn the controller until "Steering wheel buttons" is selected and press the controller.



A list showing various functions is displayed:

- ▷ "Navigation voice instructions"
Voice messages from the navigation system
 - ▷ "Air recirculation on / off"
Permanent shut-off of outside air, refer to Automatic recirculated-air control AUC on page 99
 - ▷ "Mute on / off"
To mute the audio sources
 - ▷ "Monitor on / off"
To switch Control Display on/off
 - ▷ "Telephone list"
To show/hide phone book or last displayed list of stored phone numbers
 - ▷ "Next entertainment source"
To change the audio source
5. Select the desired function and press the controller.

6. Select a button, if appropriate, and press the controller.



You can operate the selected function using the corresponding button.

Operating a function


Briefly press the appropriate button on the steering wheel.

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

- ▷ Switch voice instructions on/off:
Press the button for a longer period
- ▷ To repeat the last voice instruction:
Press the button briefly
- ▷ To cancel a voice instruction during an announcement:
Press the button briefly

Transporting children safely


The right place for children

 Do not leave children unattended in the vehicle, otherwise they could endanger themselves and/or other persons by opening the doors, for example. ◀

The rear center seat is not suitable for installing universal child-restraint systems for all age groups, approved for the age group in question.

Children always in the rear


Accident research has shown that the safest place for children is on the rear seats.

 Children under the age of 13 or smaller than 5 ft/150 cm may be transported only in the rear in suitable child-restraint systems appropriate for their age, weight and size. Otherwise there is an increased risk of injury in the event of an accident. ◀

Children 13 years of age or older must be buckled in with a safety belt as soon as there no longer is any child-restraint system that is appropriate for their age, size and weight.


All rear seats in your vehicle meet the recommendations of the SAE J1819 standard for safely mounting 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 and side airbags must be deactivated. Otherwise, a child traveling on that seat will be at an increased risk of injury if the airbags are triggered off, 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

 Observe the child-restraint system manufacturer's instructions for selecting, installing and using child-restraint systems. Otherwise the protective effect may be diminished. ◀

Standard child-restraint systems are designed to be secured with a lap belt or with the lap-belt section of a lap-and-shoulder belt. Incorrectly or improperly installed child-restraint systems can increase the risk of injury to children. Always follow the installation instructions for the system with the greatest care.


On the front passenger's seat

 Before installing a child-restraint system on the front passenger's seat, make sure that the front and side airbags for the front passenger are deactivated, otherwise there is an increased risk of injury if the airbags deploy. ◀

Seat height

Before installing a universal child-restraint system, move the front passenger's seat up as far as it will go to ensure that the safety belt will be ideally positioned. Do not change the seat height afterward.

Backrest width

 The backrest width of the front passenger seat must be adjusted to its widest setting, otherwise the stability of the child seat on the front passenger seat is limited. ◀

1. Adjust the backrest width to its widest setting, refer to page 42.
2. Install the child seat.

Child seat security



All rear safety belts and the front passenger's safety belt can be prevented from being pulled out in order to fasten child-restraint systems.

To lock the safety belt

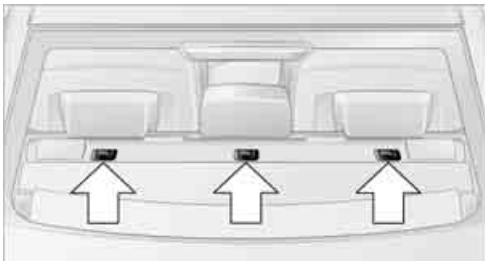
1. Secure the child-restraint system with the belt.
2. Pull the belt strap all the way out.
3. Allow the belt strap to retract and pull it taut against the child-restraint system.

The safety belt is locked.

To unlock the safety belt

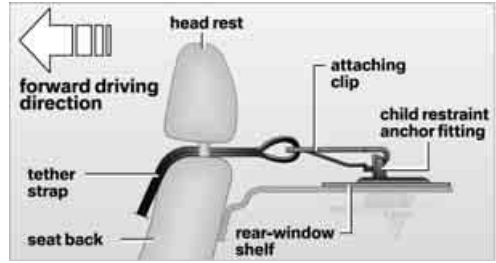
1. Open the belt buckle
2. Remove the child-restraint system.
3. Allow the safety belt strap to retract all the way.

Child-restraint system with tether strap



There are three additional anchors for child-restraint systems with tether straps, see arrows.

Placement of the tether strap




Fold the anchors upward before using them.

1. Push the head restraint upward.
2. Guide the tether strap through the mounting for the head restraint.
3. Push the head restraint into its lowermost position.

LATCH child-restraint fixing system

LATCH: Lower Anchor and Tethers for Children.

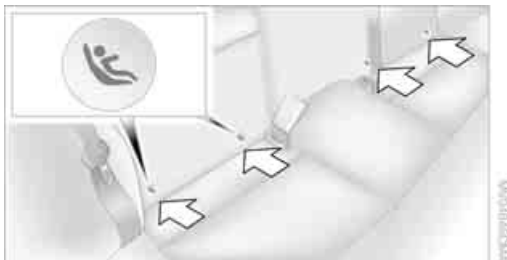
 When installing a LATCH child seat, comply with the system manufacturer's operating and safety instructions. ◀

Rear seats with through-loading system



The anchor points for the LATCH child-restraint fixing system are located behind the indicated protective caps. Flip up the corresponding caps.

Rear seats without through-loading system



The anchor points for the LATCH child-restraint fixing system can be found at the locations marked by the arrows. They are not visible from the outside.

On journeys

Child-safety locks for rear doors



Slide down the safety lever on the rear doors:
The door can now be opened from the outside only.

Safety switch for power windows

Press the safety switch for the power windows, refer to page 38, if children are traveling on the rear seat.

Driving

Ignition lock



Insert the remote control all the way into the ignition lock.

- ▷ Radio readiness switches on. Individual electrical consumers can operate.
- ▷ The electric steering wheel lock disengages audibly.

⚠ Insert the remote control into the ignition lock before you move the vehicle, otherwise the electric steering wheel lock will not disengage and you will not be able to steer the car. ◀

Removing the remote control from the ignition lock

Press the remote control in briefly; it is ejected part of the way.

At the same time:

- ▷ The ignition switches off if it was on beforehand.
- ▷ The electric steering wheel lock engages audibly.

Automatic transmission

You cannot take out the remote control unless the selector lever is in the P position: interlock.

Start/stop button



Each time the start/stop button is pressed, radio readiness or the ignition is switched on or off.

- ▶** Briefly pressing the start/stop button while the brake or clutch is depressed starts the engine. ◀

Radio readiness

Individual electrical consumers can operate. The time and the outside temperature are displayed in the instrument cluster.

Radio readiness is switched off automatically:

- ▷ Immediately when the remote control is removed from the ignition lock
- ▷ In cars with convenient access*, by touching the surface above the door lock, refer to Locking on page 36

Ignition on

Most of the indicator and warning lamps in the indicator area 1 of the instrument cluster, refer to page 13, light up and remain on for different lengths of time.

Radio readiness and ignition off

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

Starting the engine

! Do not run the engine in closed rooms, otherwise the inhaling 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, otherwise such a vehicle represents a potential safety hazard.

Before leaving the car with the engine running, place the transmission in idle or move the selector lever to position P and apply the handbrake to prevent the car from moving. ◀

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.

▶ Do not depress either the brake or the clutch until you are ready to start the engine. The engine is started immediately when you briefly touch the start/stop button and depress the brake if the car has automatic transmission, or the clutch if the car has manual transmission. ◀



Manual transmission

1. Apply the handbrake.
2. Depress the clutch and shift to idle position.
3. Briefly press the start/stop button.

The starter operates automatically for a certain time, and stops automatically as soon as the engine has started.

Automatic transmission

1. Depress the brake.
2. Move the selector lever to position P.
3. Briefly press the start/stop button.

The starter operates automatically for a certain time, and stops automatically as soon as the engine has started.

Sequential manual gearbox SMG*

1. Depress the brake.
2. Engage selector lever position N and make sure that this position is displayed in the instrument cluster.
3. Start the engine.

The starter operates automatically for a certain time, and stops automatically as soon as the engine has started.

▶ If the engine does not start, depress the brake and push the selector lever to the right, then engage position N. Observe the display in the instrument cluster while doing so. ◀

Special starting conditions

In the following situations, press the accelerator pedal halfway down when starting the engine:

- ▶ If the engine does not start on the first attempt, for instance when it is extremely hot or cold.
- ▶ If the engine is started at very low temperatures, below approx. + 5 °F / -15 °C, at high altitudes above 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 or inadequately burned and there is a danger of overheating and damaging the catalytic converter. ◀

Switching off the engine

! Always take the remote control with you when you leave the vehicle.

When parking on a downhill incline, apply the

handbrake, otherwise the vehicle could roll away. ◀

Manual transmission

1. Apply the handbrake.
2. With the car at a standstill, briefly press the start/stop button.
3. Shift into first gear or reverse.

Automatic transmission

1. With the car at a standstill, move the selector lever to position P.
2. Briefly press the start/stop button.
3. Apply the handbrake.

Sequential manual gearbox SMG


1. Apply the handbrake.
2. Engage a drive position.
3. Briefly press the start/stop button.


If the engine is switched off while N is engaged, this will be signaled visually and acoustically.

Handbrake

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

Indicator lamp

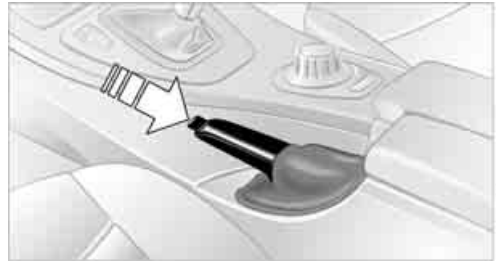
 The indicator lamp is lit, and when you drive off an acoustic signal sounds in addition. The handbrake is still applied.

 Indicator lamp for Canadian models.


Applying


The lever locks in position automatically.

Releasing

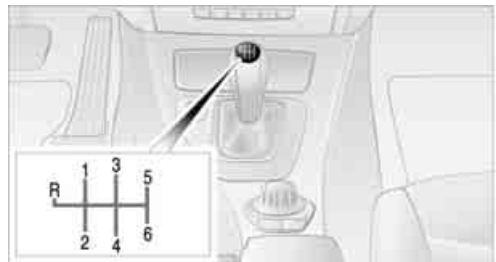



Pull slightly upwards, press the button and lower the lever.

 In exceptional cases, if the handbrake has to be used to slow or stop the car, do not pull the lever up too hard. In doing so, continuously press the button of the handbrake lever. Otherwise, too violent an application of the handbrake can overbrake the rear axle and cause the rear of the car to swerve. ◀

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

Manual transmission



 When shifting into 5th or 6th gear, press the gearshift lever to the right. Otherwise the engine could be damaged if you inadvertently shift into 3rd or 4th gear. ◀

Reverse gear

Select only when the vehicle is stationary. When the gearshift lever is pressed to the left, a slight resistance has to be overcome.

Sequential manual gearbox SMG*

The concept

The sequential manual gearbox SMG is an automated transmission in which operation of the clutch and gearshifts are performed by an electro-hydraulic system.

SMG is operated via the selector lever in the center console and two shift paddles on the steering wheel.

It offers you the following functions:

- ▷ Choice of manual or automatic operation: sequential mode or Drive mode
- ▷ Choice of two driving programs: Normal or Sport, refer to Dynamic Driving Control, page 56
- ▷ Automatic downshifting and prevention of misshifting in sequential mode as well
- ▷ Acceleration assistant, refer to page 57

Selector lever positions



The current selector lever position can be seen on the center console.

- ▷ R: Reverse gear
- ▷ N: Neutral, idle
- ▷ One-touch functions for sequential mode:
 - + : manual upshifting
 - : manual downshifting

- ▷ D: Drive mode or sequential mode

▷ N is automatically selected when the driver's door is opened while the engine is running, as long as the pedals, shift paddles and selector lever are not operated. This is indicated by an acoustic signal and a flashing N in the instrument cluster. ◀

Gear indicator



R N 1 to 6

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

▷ This indicator is the only way you can confirm whether or not the desired selector lever position is engaged. ◀

Shiftlock

Before moving the lever away from N with the vehicle stationary, first depress the brake; otherwise the desired gearshift will not be carried out.

R Reverse

Select only when the vehicle is stationary.

Gear-change mode

The gears can be changed in two different ways.

- ▷ Sequential mode
 - Gears are shifted by means of the shift paddles or the selector lever.
- ▷ D Drive mode
 - All forward gears are shifted automatically.

You can switch from one mode to the other by pressing the selector lever towards the right in the direction of D.

Sequential mode

After every engine start, sequential mode is activated when you press the selector lever towards the right while the brake is depressed.

You can shift up or down using the shift paddles or the selector lever. You do not need to lift your foot from the accelerator pedal while doing so.

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

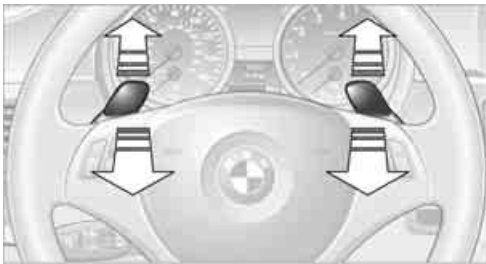
SMG assists you in the following situations:

- ▷ Upshifts and downshifts are executed only when they will result in a plausible combination of engine and vehicle speed; for example, a downshift that would cause the engine to overrev cannot be executed by the system.
- ▷ The system shifts down into first gear automatically when the vehicle comes to a stop.
- ▷ The system shifts down automatically just before the engine speed falls below the minimum speed required for a certain gear; the driver does not need to intervene.

Shifting gears via selector lever

- ▷ Pull the selector lever backwards to shift up.
- ▷ Push it forward to shift down.

Shifting gears via the shift paddles on the steering wheel



- ▷ Pull one of the shift paddles to shift up.
- ▷ Press it to shift down.


D Drive mode

In Drive mode, all forward gears are shifted automatically.

To switch from sequential mode to Drive mode: press the selector lever towards the right in the direction of D.

Kick-down: to accelerate rapidly, e.g. when passing another vehicle, depress the accelerator pedal all the way. You will achieve maximum acceleration.

To switch back to sequential mode: press the selector lever again towards the right in the direction of D or shift gears via the shift paddles or the selector lever.

 On uphill slopes, drive off without delay. Do not hold the vehicle in place by depressing the accelerator pedal; engage the handbrake instead. Otherwise, the transmission could overheat. ◀

Dynamic Driving Control

Dynamic Driving Control enables you to drive your BMW in an even more performance-oriented manner at the touch of a button:

- ▷ Gears are shifted more quickly.
- ▷ In Drive mode, the engine speed range is utilized optimally.

Activating the system



Press the SPORT button while the ignition is switched on. The LED in the button lights up.


Deactivating the system

- ▷ Press the SPORT button again or
- ▷ engage reverse gear or
- ▷ switch off the engine.

The LED in the button goes out.

Acceleration assistant

The acceleration assistant provides for optimal, racing-style acceleration when starting off on a non-slippery surface.

 Do not use the acceleration assistant too frequently, otherwise components could wear prematurely. ◀


1. Activate Dynamic Driving Control.
2. Deactivate DSC, refer to page 85.
3. Quickly depress the accelerator pedal all the way: kick-down. The optimal engine speed for pulling away is achieved.

 To maintain driving stability, reactivate DSC afterward. ◀

Automatic transmission with Steptronic*

In addition to fully automatic operation, you can also manually shift with the Steptronic, refer to page 58.

Vehicle parking

 To prevent the vehicle from rolling, always select position P and apply the handbrake before leaving the vehicle with the engine running. ◀

Disengaging the remote control

In order to remove the remote control from the ignition lock, you must first move the selector lever to position P and switch off the engine: interlock.

Selector lever positions

P R N D M/S + -

Displays in the instrument cluster




P R N D S M1 to M6

The selector lever position is displayed, or the current gear in the manual mode.

Changing selector lever positions

- ▶ With the ignition switched on or the engine running, the selector lever can be moved out of position P: interlock.
- ▶ Before moving the lever away from P or N with the vehicle stationary, first depress the brake; otherwise the selector lever will refuse to move: shiftlock.

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



A lock prevents you from inadvertently engaging selector lever positions R and P. To cancel the lock, press the button on the front of the selector lever, 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, idle

You can select this in a car wash, for example. The vehicle can roll.

D Drive, automatic position

Position for normal vehicle operation. All forward gears are selected automatically.

Under normal operating conditions, fuel consumption is lowest when you are driving in position D.

Kick-down

Kick-down enables you to achieve maximum performance.

Press the accelerator pedal beyond the full-throttle resistance point.

Manual operation and Sport program M/S



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

The sport program is activated and DS appears in the instrument cluster. This position is recommended for a performance-oriented driving style.

When you press the selector lever forwards or backwards, the manual mode is activated and Steptronic changes 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. The

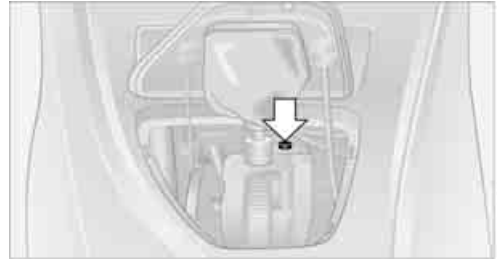
gear selected appears briefly in the instrument cluster, followed by the gear actually in use.

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

Overriding selector lever lock

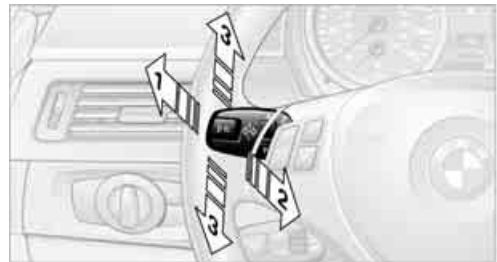
Should the selector lever refuse to move out of position P although the button on the selector lever is pressed, the selector lever lock can be overridden:

1. Unclip the sleeve of the selector lever.
2. Pull the sleeve up over the selector lever until the sleeve is inside out.



3. Using the screwdriver from the onboard tool kit, refer to page 205, press the red lever while moving the selector lever to the desired position.

Turn signals/headlamp flasher




- 1 High beams
- 2 Headlamp flasher
- 3 Turn signals

Using turn signals

Press the lever beyond the resistance point.

To turn off manually, press the lever to the resistance point.

 Unusually rapid flashing of the indicator lamp indicates that a turn signal indicator has failed.

After switching off the ignition, make sure that the roadside parking lamps are not switched on. ◀

Indicating a turn briefly

Press the lever as far as the resistance point for as long as you wish to indicate a turn.

Triple turn signal activation

Press the lever as far as the resistance point. The turn signals flash three times.

You can activate or deactivate this function.

iDrive concept, refer to page 16.

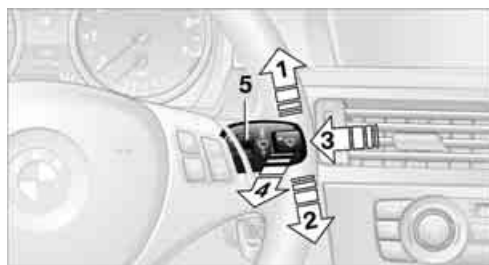
1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Vehicle settings" and press the controller.
4. Select "Lighting" and press the controller.



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

Triple turn signaling is activated.

Wiper system



- 1 Switching on wipers
- 2 Switching off wipers or brief wipe
- 3 Activating/deactivating intermittent wipe or rain sensor*
- 4 Cleaning windshield and headlamps*
- 5 Setting speed for intermittent wipe, or sensitivity of the rain sensor

Switching on wipers

The lever automatically returns to its initial position when released.

Normal wiper speed

Press once.

The system switches to operation in the intermittent mode when the vehicle is stationary.

Fast wiper speed

Press twice or press beyond the resistance point.

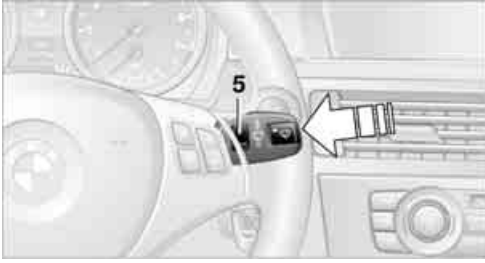
The system switches to normal speed when the vehicle is stationary.

Intermittent wipe or rain sensor*

If the car is not equipped with a rain sensor, the intermittent-wipe time is a preset.

If the car is equipped with a rain sensor, the time between wipes is controlled automatically and depends on the intensity of the rainfall. The sensor is mounted on the windshield, directly in front of the interior rearview mirror.

Activating intermittent wipe or rain sensor



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

Setting speed for intermittent wipe or sensitivity of the rain sensor

Slide switch **5** up or down.

Deactivating intermittent wipe or rain sensor

Press button **3** again. The LED goes out.

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

Cleaning windshield and headlamps*

Pull lever **4**.

Washer fluid is sprayed onto the windshield and the wipers are operated for a short time.

When the vehicle lighting system is switched on, the headlamps are 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, your vision could be obscured. Antifreeze should therefore be added to the fluid, refer to Washer fluid. Do not use the washers when the washer fluid reservoir is empty, otherwise you will damage the washer pump. ◀

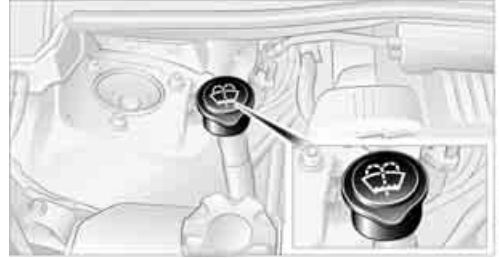
Windshield washer nozzles

The windshield washer nozzles are heated automatically while the engine is 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 the tightly closed original container, well out of the reach of children. Comply with the instructions on the container. ◀

Washer fluid reservoir



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

▶ Mix the water and antifreeze before filling the washer fluid reservoir to make sure the correct concentration is maintained. ◀

Capacity

Approx. 6.3 US quarts/6 liters.

Cruise control*

The concept

Cruise control is available for use at speeds of approx. 20 mph or 30 km/h. The car then stores and maintains the speed that you specify using the lever on the steering column. In order to maintain the specified speed, the system brakes the vehicle when the engine braking effect is insufficient on downhill gradients.

⚠ Do not use cruise control when driving conditions are unfavorable for driving at a constant speed. Otherwise you could lose control of the vehicle and cause an accident as a result. Unfavorable driving conditions include, for example, winding roads, heavy traffic or a

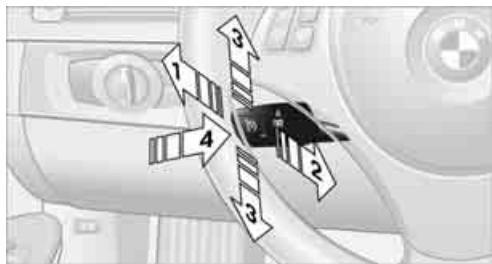
poor road surface, e.g. snow, rain, ice or loose material. ◀

Manual transmission/SMG

You can shift gears while cruise control is activated. An indicator lamp notifies you that you should shift gears when you drive for an extended period at very high or very low engine speeds, or the system is deactivated.

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

One lever for all functions



- 1 Storing and maintaining speed or accelerating
- 2 Storing and maintaining speed or decelerating
- 3 Deactivating cruise control
- 4 Resuming a speed stored beforehand

Maintaining current speed

Tap the lever, arrow 1, or pull it briefly, arrow 2. The car's current speed is stored and maintained. It is displayed in the speedometer and briefly in the instrument cluster.

On uphill gradients, it may prove impossible to maintain the set speed if current engine power output is insufficient. If the engine braking effect is insufficient on downhill slopes, the system will brake the vehicle slightly.

Increasing desired speed

Repeatedly press the lever to the resistance point or beyond, arrow 1, until the desired speed is reached.

- ▷ Each time the lever is pressed to the resistance point, the desired speed is increased by approx. 1 mph or 1 km/h.
- ▷ Each time the lever is pressed beyond the resistance point, the desired speed is increased by up to 5 mph or 10 km/h.

The system stores and maintains the speed.

Accelerating using the lever

Accelerating slightly:

Press the lever to the resistance point, arrow 1, until the desired speed is reached.

Accelerating significantly:

Press the lever beyond the resistance point, arrow 1, until the desired speed is reached.


The vehicle accelerates without pressure on the accelerator pedal. The system stores and maintains the speed.

Decreasing desired speed

Repeatedly pull the lever to the resistance point or beyond, arrow 2, until the desired speed is displayed.

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

The system stores and maintains the speed.

 If the speed is to be reduced significantly, depress the brake; otherwise, deceleration may be insufficient and dangerous situations could result. ◀

Deactivating cruise control

Tap the lever upwards or downwards, arrow 3. The displays in the speedometer disappear.

In addition, the system is automatically deactivated:

- ▷ When you brake the vehicle

- ▷ When you switch gears very slowly or shift to idle in cars with manual transmission
- ▷ When you select the automatic transmission's/SMG's neutral position N
- ▷ When you activate DTC or deactivate DSC
- ▷ When DSC or ABS is intervening

Cruise control is not deactivated by depressing the accelerator pedal. Once the accelerator pedal is released, the stored speed is achieved again and maintained.

Warning lamp



The warning lamp comes on when cruise control has been automatically deactivated by engaging the hand-brake or as a result of DSC intervening. A message appears on the Control Display.

Resuming a speed stored beforehand

Briefly press the button, arrow 4. the stored speed is resumed and maintained.

In the following instances, the stored speed is deleted and can no longer be resumed:

- ▷ When driving stability control systems are intervening
- ▷ In cars with manual transmission: when you shift gears very slowly or shift to idle position
- ▷ With automatic transmission/SMG: when you engage selector lever position N
- ▷ When the ignition is switched off

Displays in the instrument cluster



- 1 Stored speed
- 2 Selected speed is displayed briefly



If --- mph or --- km/h temporarily appears in the instrument cluster display, it is possible that the system prerequisites for operation are currently not met.

Calling up Check Control messages, refer to page 80. ◀

Malfunction



The warning lamp comes on when the system has failed. A message appears on the Control Display. You can find more information starting on page 79.

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 a technological advance over the familiar cruise control and is a welcome relief from the constant adjustment of speed that can accompany driving in traffic on highways or other high-speed thoroughfares. Especially on longer trips, the system can reduce fatigue and tension, while increasing your enjoyment of driving. Please use it safely and responsibly.

Within the limits of its capability, the system automatically adapts the car's speed to that of a slower vehicle in front of you. You can specify the distance to be maintained from the vehicle in front in four stages. For safety reasons, the distance is 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 by the driver as needed. Your selected speed will be held when driving downhill, too.

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 System limitations section beginning on page 66.

Braking sensation

The system's automatic brake operation results in a braking sensation that is slightly different from what you feel when you brake the vehicle yourself in a similar situation. Possible noises during automatic deceleration are normal.


Manual transmission/SMG

You can shift gears while cruise control is activated. An indicator lamp notifies you that you should shift gears when you drive for an extended period at very high or very low engine speeds, or the system is deactivated.

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

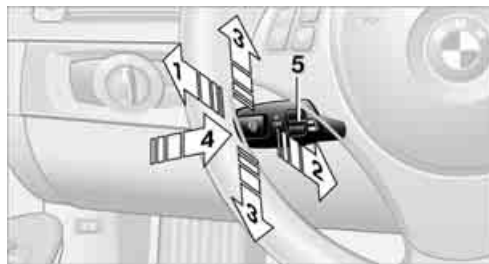
Range of applications

The minimum desired speed is 20 mph or 30 km/h, and the maximum desired speed is 110 mph or 180 km/h.

 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 roads with sharp curves such as highway off-

ramps; during inclement weather such as snow, strong 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. Otherwise, driving conditions could result which violate the law or pose a risk of accident. ◀

One lever for all functions



- 1 Store and increase desired speed
- 2 Store and decrease desired speed
- 3 Deactivate system, refer to page 65
- 4 Resume stored desired speed and distance, refer to page 65
- 5 Select distance to vehicle driving ahead, refer to page 64

Maintaining current speed


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



The car's current speed is stored and maintained. It is displayed in the speedometer and briefly in the instrument cluster.

On uphill gradients, it may prove impossible to maintain the set speed if current engine power output is insufficient. If the engine braking effect is insufficient on downhill slopes, the system will brake the vehicle slightly.

Adjusting desired speed

 Adjust your desired speed to the traffic conditions and remain ready to brake at all times, otherwise there is a risk of accident. Great differences in speed to the vehicle ahead, e.g. when quickly approaching a truck or when another vehicle swerves into your lane, cannot be compensated for by the system. ◀

Increasing in increments

Repeatedly tap the lever to the resistance point or beyond, arrow 1, until the desired speed is reached.

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

The speed then displayed is stored and achieved on a clear road.

Increasing continuously

Repeatedly press the lever to the resistance point or beyond, arrow 1, until the desired speed is reached.

The speed then displayed is stored and reached as soon as the road ahead of you is clear.

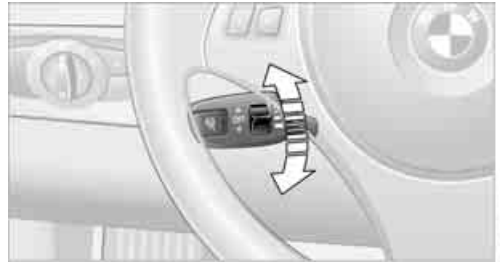
Decreasing in increments

Repeatedly pull the lever to the resistance point or beyond, arrow 2, until the desired speed is reached.

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

The speed then displayed is stored and achieved on a clear road.

Selecting distance



- ▷ Press downward:
Increase distance
- ▷ Press upward:
Decrease distance.

The selected distance is displayed in the instrument cluster.



Distance 1



Distance 2



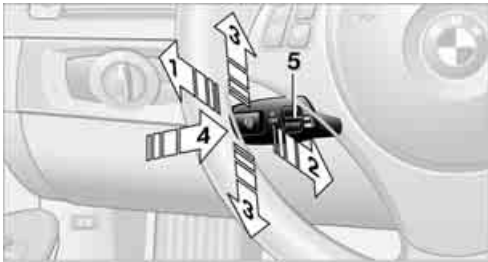
Distance 3
This distance is always set when the system is used for the first time after starting the engine.



Distance 4

! Use good judgement to select the appropriate following distance given road conditions, traffic, applicable laws and driving recommendations for safe following distance. Otherwise, you may be in violation of the law or an accident could result. ◀

Deactivating cruise control



Press the lever upward or downward, arrow **3**. The displays in the speedometer disappear. In addition, the system is automatically deactivated:

- ▶ When you brake the vehicle
- ▶ When the speed is reduced to below 20 mph or 30 km/h due to a traffic situation
- ▶ When you switch gears very slowly or shift to idle in cars with manual transmission
- ▶ When you select the automatic transmission's/SMG's neutral position N
- ▶ When you activate the Dynamic Traction Control DTC
- ▶ When you deactivate the Dynamic Stability Control DSC
- ▶ When DSC or ABS is intervening
- ▶ When the system does not recognize any objects for a longer period of 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 [66](#)

- ▶ When you apply the handbrake

! When the system is deactivated, you must brake the vehicle yourself and/or maneuver as necessary, otherwise there is a risk of accident. ◀

Warning lamp



The warning lamp comes on when active cruise control has been automatically deactivated due to a driving speed below 20 mph or 30 km/h, an application of the handbrake or a DSC intervention. A message appears on the Control Display.

Resuming stored desired speed and distance

Briefly press the button, arrow **4**. The stored speed and distance are regained and maintained.

In the following instances, the stored speed is deleted and can no longer be resumed:

- ▶ When driving stability control systems are intervening
- ▶ In cars with manual transmission: when you shift gears very slowly or shift to idle position
- ▶ With automatic transmission/SMG: when you engage selector lever position N
- ▶ When the ignition is switched off

Displays in the instrument cluster




- 1** Stored desired speed
- 2** Shows yellow: vehicle detected ahead

Flashes in red: system cannot maintain distance; driver must brake the vehicle

Flashes in yellow: driving stability control systems are intervening; cruise control is deactivated

- 3 Selected distance to vehicle ahead
The indicator lights up as soon as the system is activated.
- 4 Selected desired speed is temporarily displayed

 If --- mph or --- km/h temporarily appears in the instrument cluster display, it is possible that the system prerequisites for operation are currently not met. Calling up Check Control messages, refer to page 80. ◀

Warning lamps



The indicator 2 flashes in red; a signal sounds.

The system indicates that you must brake and/or maneuver the vehicle yourself. Active cruise control cannot automatically restore the distance to the vehicle ahead.

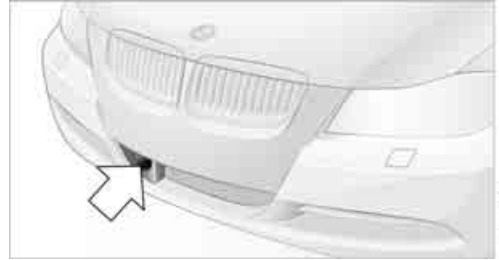
This indicator does not release you from your responsibility to adapt your desired speed and driving style to prevailing driving conditions.



The indicator 2 flashes in yellow. The prerequisites for operating active cruise control are not met, e.g. as a result of ABS or DSC

interventions. Active cruise control is deactivated. You can reactivate the system, if desired, by tapping or pulling the lever when road and traffic conditions permit. It is not possible to resume a stored speed.

Radar sensor



The sensor's ability to detect vehicles ahead may be restricted as a result of heavy rain, dirt, snow or ice. If necessary, clean the radar sensor located in the front bumper, see arrow. Be sure to use particular care when removing any layers of snow or ice from the sensor.

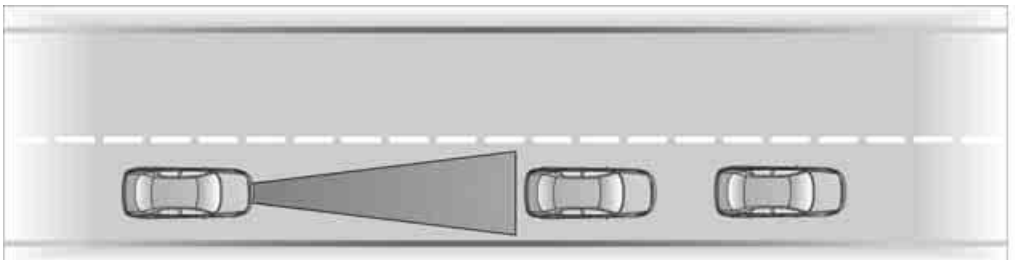
When the radar sensor is not properly positioned, active cruise control cannot be activated at all.


Malfunction



The warning lamp comes on when the system has failed. A message appears on the Control Display. You can find more information starting on page 79.

System limitations



 Always remember that the range and ability of the system does 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 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. ◀

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

If while 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. ◀

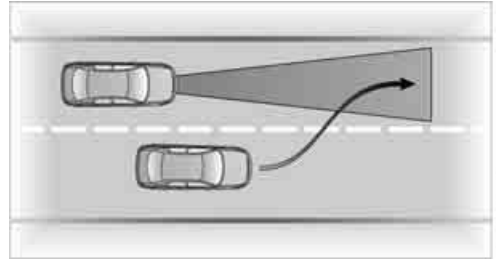
Also, vehicles traveling in a staggered manner on a highway may cause a delay in the system's reaction to a vehicle in front of you or may cause the system to react to a vehicle actually in the lane next to you. Always be ready to take action or apply the brakes if necessary.

⚠ 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. ◀

Active cruise control can only decelerate the vehicle to approx. 20 mph or 30 km/h.

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.

⚠ When a vehicle ahead suddenly swerves into your lane, the system may not be able to maintain the selected distance automatically. This also applies to great differences in speed between you and vehicles ahead, e.g. when quickly approaching a truck. There is a risk of collision. Once the system has established that a vehicle is indeed in front of you, it will indicate that you must brake and/or maneuver the vehicle yourself. Take action yourself, otherwise there is a risk of an accident. ◀

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.

Your responsibility

Your actions have priority at all times. When you press the accelerator pedal while driving with active cruise control, the automatic braking function will be temporarily interrupted. Once you release the accelerator pedal, the desired speed or the selected distance to the vehicle ahead is achieved again.

 Do not leave your foot on the accelerator pedal and make sure that no objects such as floor mats are lying on the accelerator pedal. Otherwise the system may not be able to brake the vehicle. ◀

Everything under control

Odometer, outside temperature display, clock



- 1 Resetting trip odometer
- 2 Outside temperature display and clock
- 3 Odometer and trip odometer

Units of measure


To select the respective units of measure, miles or km for the odometer as well as °F or °C for the outside temperature, refer to page 73.

Outside temperature display, clock

Setting the time, refer to page 77.

Outside temperature warning

When the displayed temperature sinks to approx. +37 °F /+3 °C, a signal sounds and a warning lamp lights up. There is an increased risk of black ice.

 Black ice can also form at temperatures above +37 °F /+3 °C. You should therefore drive carefully on bridges and shaded roads, for example, otherwise there is an increased risk of an accident. ◀

Odometer and trip odometer

Resetting trip odometer:
With the ignition switched on, press button 1 in the instrument cluster.

When the vehicle is parked

If you still want to view the time, outside temperature and odometer reading briefly after the remote control has been removed from the ignition lock:

Press button 1 in the instrument cluster.

Tachometer



Never force the engine speed up into the red warning field, see arrow. In this range, the fuel supply is interrupted to protect the engine.

Coolant temperature

A warning lamp will come on if the coolant, and therefore the engine, becomes too hot. In addition, a message will appear on the Control Display.

Check coolant level, refer to page 201.

Energy Control



Displays the current fuel consumption. This allows you to see whether your current driving style is conducive to fuel economy with minimum exhaust emissions.

Fuel gauge




Fuel tank capacity: approx. 15.9 US gallons/ 60 liters. You can find information on refueling on page 186.

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

Reserve

Once the fuel level has fallen to the reserve zone, a message briefly appears on the Control Display and the cruising range for the remaining amount of fuel is displayed on the computer. Under a cruising range of approx. 30 miles/ 50 km, the message remains in the Control Display.

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

Computer

Displays in the instrument cluster



To call up the information, press the button in the turn indicator stalk.


The following items of information are displayed in the order listed:

- ▷ Cruising range
- ▷ Average speed
- ▷ Average fuel consumption

To set the corresponding units of measure, refer to Units of measure on page 73.

Cruising range

Displays the estimated cruising range available with the remaining fuel. The range is calculated on the basis of the way the car has been driven over the last 18 miles/30 km and the amount of fuel currently in the tank.

 Be sure to refuel as soon as possible once your cruising 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 switched off are not included in the calculations of average speed.

With the trip computer, refer to page 71, you can have the average speed for another trip displayed.

To reset average speed: press the button in the turn indicator stalk for approx. 2 seconds.

Average fuel consumption

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

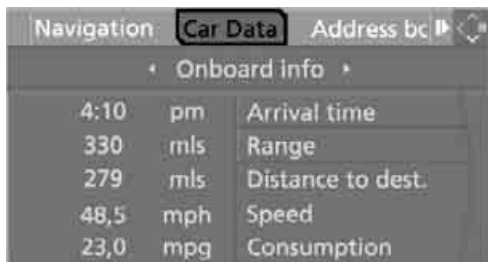
With the trip computer, refer to page 71, you can have the average consumption for another trip displayed.

To reset average fuel consumption: press the button in the turn indicator stalk for approx. 2 seconds.

Displays on the Control Display

You can also call up the computer via iDrive; concept, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller to the right to call up "Navigation".
3. If necessary, move the highlight marker to the uppermost field. Turn the controller until "Car Data" is selected and press the controller.



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



- ▷ Estimated time of arrival at destination:
 - ▷ Manually enter a distance in the computer, refer to information further below
 - ▷ Enter a destination in the navigation system, refer to page 125
- ▷ Cruising range
- ▷ Distance to destination:
 - ▷ Manually enter a distance in the computer, refer to information further below
 - ▷ Enter a destination in the navigation system, refer to page 125
- ▷ Average speed
- ▷ Average fuel consumption

Resetting values

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

1. Select the respective menu item and press the controller.
2. Press the controller again to confirm your selection.

Entering a distance manually

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

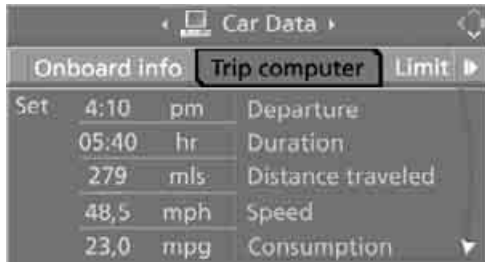


2. Turn the controller to select the distance to your destination.
3. Press the controller to apply the setting.
The distance is automatically entered during destination guidance.

Trip computer

The trip computer is suitable e.g. for a holiday trip.

1. Open the start menu.
2. Call up "Navigation".
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

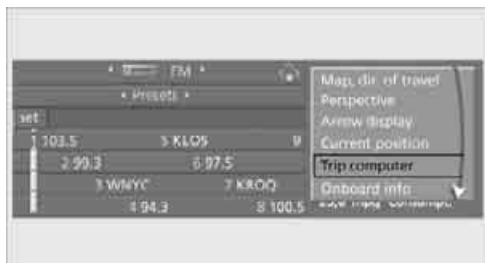
Switching trip computer on/off and resetting all values to zero:

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.

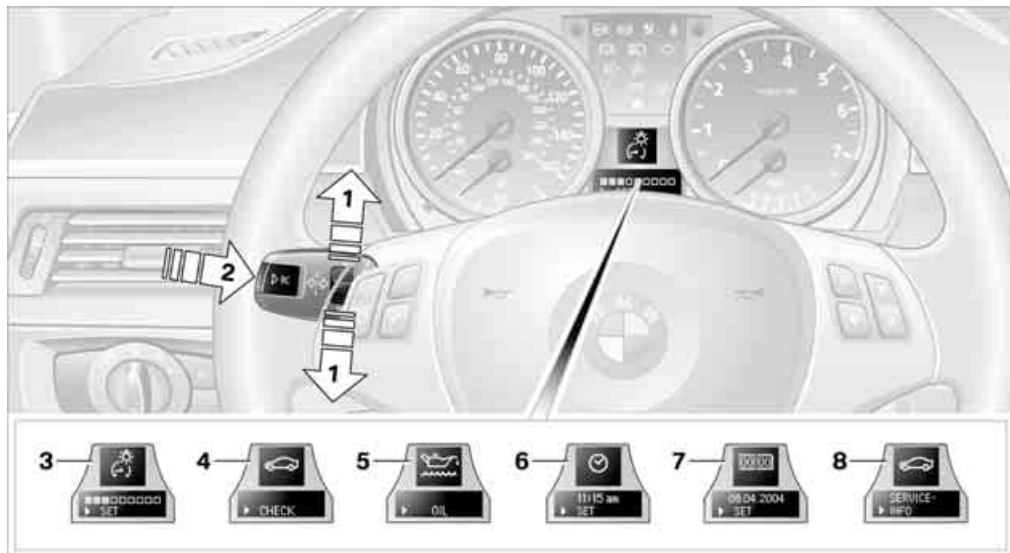
1. Move the controller to the right to change to the assistance window and press the controller.



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

3. Press the controller.





- 1 Button for:
 - ▷ Selecting display
 - ▷ Setting values
- 2 Button for:
 - ▷ Confirming selected display or set values
 - ▷ Calling up computer information [70](#)
- 3 When the lights are switched on: instrument lighting brightness [96](#)
- 4 Calling up Check Control [79](#)
- 5 Checking oil level [199](#)
- 6 Setting the time [77](#)
- 7 Setting the date [78](#)
- 8 Viewing service requirement display [74](#)

Exiting displays

The outside-temperature reading and the time reappear when you press button **2** or if you make no entries within approx. 15 seconds. If required, complete the current setting first.

Units of measure

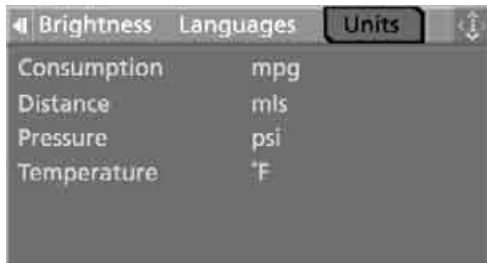
You can set units of measure. The settings are stored for the remote control currently in use, refer also to Personal Profile on page [29](#).

iDrive concept, 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 "Units" and press the controller.



5. Select the desired menu item and press the controller.

6. Select the desired measurement unit and press the controller.




1. Lightly push button **1** in the turn indicator stalk up or down repeatedly until the appropriate symbol appears in the display, accompanied by the words "SERVICE-INFO".
2. Press button **2**.
3. Use button **1** to scroll through the individual service items.

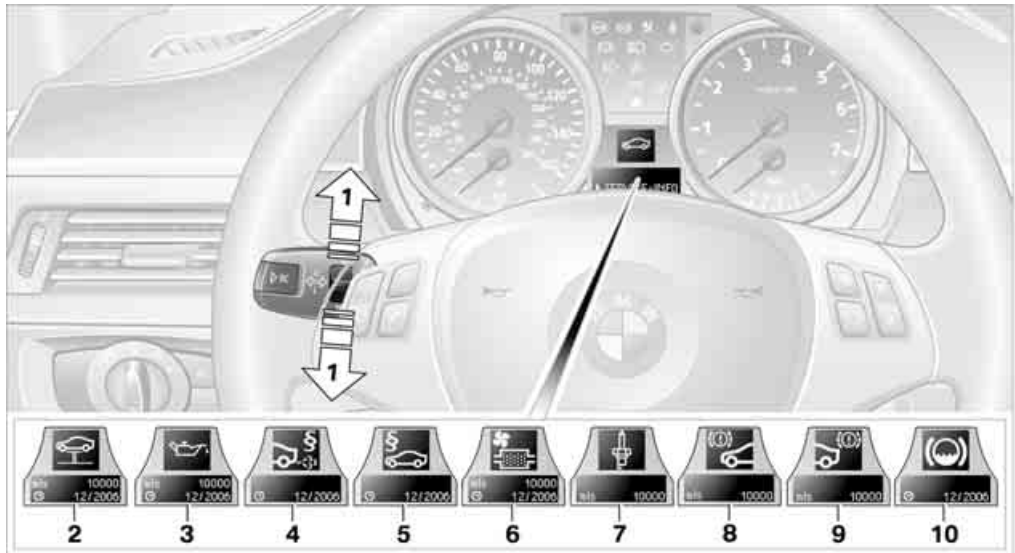
Service requirements



The remaining driving distance and the date of the next scheduled service are displayed briefly immediately after you start the engine or switch on the ignition.

 The extent of service work required can be read out from the remote control by your BMW Service Advisor. ◀

For certain maintenance operations, you can view the respective distance remaining or due date individually in the instrument cluster.



- | | |
|---|---|
| <ol style="list-style-type: none"> 1 Button for selecting functions 2 Service requirements 3 Engine oil 4 Exhaust emissions test* 5 Roadworthiness test* | <ol style="list-style-type: none"> 6 Microfilter 7 Spark plugs 8 Brakes, front 9 Brakes, rear 10 Brake fluid |
|---|---|

Supplementary information

You can have further information on the scope of maintenance displayed on the Control Display, refer to page 16.

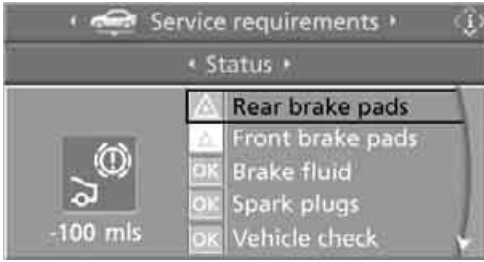
1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Service" and press the controller.
4. If necessary, move the highlight marker to the uppermost field. Turn the controller

until "Service requirements" is selected and press the controller.



5. If necessary, move the highlight marker to the second field from the top. Turn the con-

troller until "Status" is selected and press the controller.



A list of selected maintenance operations and, if applicable, inspections required by law is displayed.

You can request more detailed information on every entry.




Select the entry and press the controller.



To exit from the menu:


Select the  arrow and press the controller.

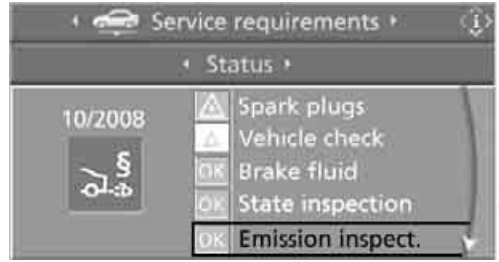
Symbols

-  No service is currently required.
-  The deadline for service or a legally mandated inspection is approaching. Please schedule a service appointment.
-  The service deadline has already passed.

Entering dates of statutory emissions tests and vehicle inspections*

Make sure the date on the Control Display is always set correctly, refer to page 78, otherwise the effectiveness of CBS Condition Based Service is not ensured.

1. Open the start menu.
2. Press the controller to open the  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  and press the controller.

More information on the BMW Maintenance System can be found on page 203.

Clock

The settings are stored for the remote control currently in use, refer also to Personal Profile on page 29.

Setting the time

In the instrument cluster

To set the 12h/24h mode, refer to Setting the time format below.



1. Lightly push button **1** in the turn indicator stalk up or down repeatedly until the appropriate symbol appears in the display, accompanied by the time and the word "SET".
2. Press button **2**.
3. Use button **1** to set the hours.
4. Press button **2**.
5. Use button **1** to set the minutes.
6. Press button **2**.
The system displays the new time.
7. Use button **2** to save the new time.

Via iDrive

iDrive concept, refer to page 16.

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



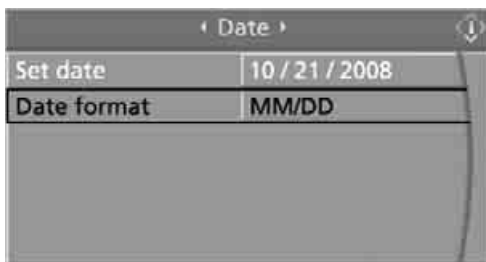
2. Press the controller to open the **i** menu.



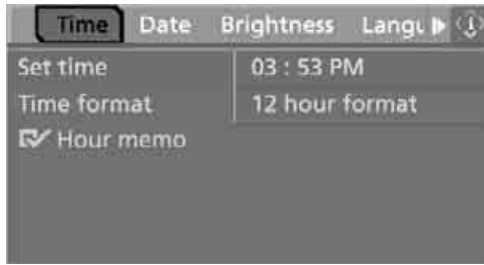
3. Turn the controller until "Display settings" is selected and press the controller.



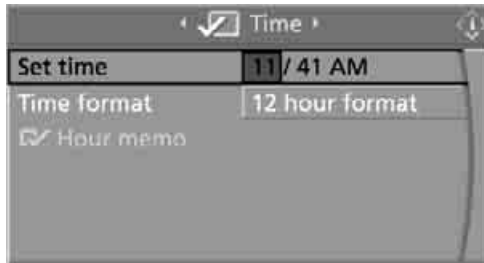
4. If necessary, move the controller forwards once to move the highlight marker to the uppermost field.



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



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



Adjusting settings

- Turn the controller to set the hours and press the controller.
- Turn the controller to set the minutes and press the controller.

The system accepts the new time.

Switching on the 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 the time format

- Open the start menu.
- Press the controller to open the **i** menu.
- Select "Display settings" and press the controller.
- Select "Time" and press the controller.
- Select "Time format" and press the controller.

- Select the desired format and press the controller.

Date

The settings are stored for the remote control currently in use, refer also to Personal Profile on page 29.

Setting the date

In the instrument cluster

To set the dd/mm or mm/dd date format, refer to Setting the date format below.



- Lightly push button 1 in the turn indicator stalk up or down repeatedly until the appropriate symbol appears in the display, accompanied by the date and the word "SET".
- Press button 2.
- Use button 1 to set the day of the month.
- Press button 2.
- Set the month and the year in the same way.
- Press button 2. The system displays the new date.
- Use button 2 to save the new date.

Via iDrive

iDrive concept, refer to page 16.

- Open the start menu.
- Press the controller to open the **i** menu.
- Select "Display settings" and press the controller.

- Select "Date" and press the controller.



- Select "Set date" and press the controller. The first date display setting is selected.
- Turn the controller to make the adjustment.
- Press the controller to apply the setting. The next setting is highlighted.
- Make the remaining adjustments. After the last adjustment, the date is stored.

Setting the date format

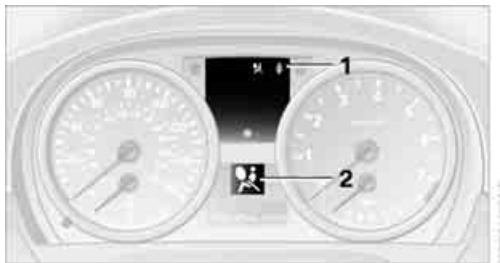
- Open the start menu.
- Press the controller to open the **i** menu.
- Select "Display settings" and press the controller.
- Select "Date" and press the controller.
- Select "Date format" and press the controller.
- Select the desired format and press the controller.

Check Control

The concept

The Check Control monitors vehicle functions and alerts you to any malfunctions in the systems monitored. Such a Check Control message includes indicator and warning lamps in the instrument cluster and, in some circumstances, an acoustic signal as well as text messages at the bottom of the Control Display.

Indicator and warning lamps

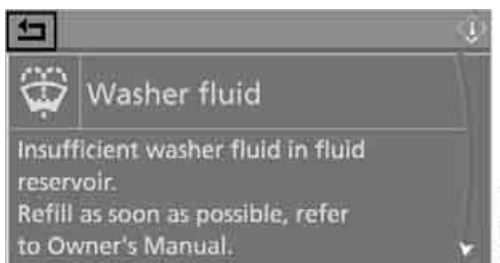


Indicator and warning lamps can light up in both the indicator area **1** and the display **2** in various combinations and colors.

Explanatory text messages



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



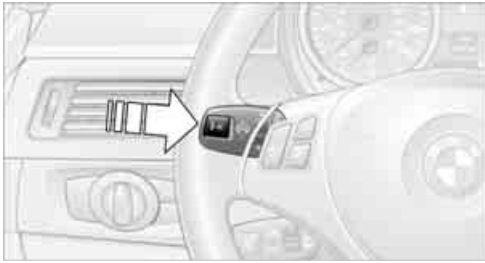
For most Check Control messages, you can view more information later, e.g. regarding the cause of a malfunction and how to respond, refer to page **80**.

In urgent cases, this information will be shown immediately as soon as the corresponding lamp comes on.

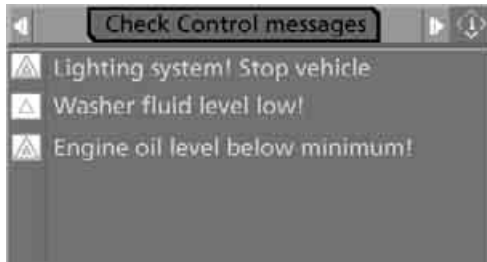
To exit the displayed information:

Select the **↩** arrow and press the controller.


Hiding Check Control messages




Press the button in the turn indicator stalk.




Some Check Control messages remain visible until the malfunction in question has been rectified. They cannot be hidden. If several malfunctions occur at the same time, the Check Control messages are displayed in succession.

 They are marked with the symbol shown here.

Other Check Control messages are automatically hidden after approx. 20 seconds, but remain stored.

 They are marked with the symbol shown here.



 indicates that Check Control messages have been stored. You can view the Check Control messages whenever it is convenient for you.

Viewing stored Check Control messages



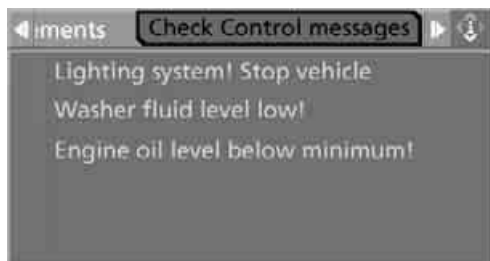
1. Lightly push button **1** in the turn indicator stalk up or down repeatedly until the appropriate symbol appears in the display, accompanied by the words "CHECK CONTROL".
2. Press button **2**.
"CHECK OK" appears if there are no Check Control messages.
If a Check Control message has been stored, the corresponding lamp comes on. It is accompanied by a text message on the Control Display.
3. Lightly push button **1** to check for other messages.
4. Press button **2**.
The display again shows the outside temperature and the time.

Viewing more information later

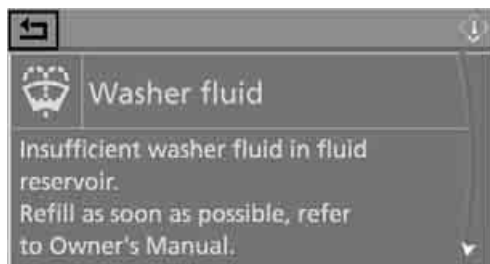
iDrive concept, refer to page 16.

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. If necessary, move the highlight marker to the uppermost field. Turn the controller

until "Check Control messages" is selected and press the controller.



5. Select a text message and press the controller.



To exit the display:
Select the ↶ arrow and press the controller.

Speed limit

You can enter a speed, and a Check Control message will indicate when you reach 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 speed falls below it again by at least 3 mph or 5 km/h.

Displaying, setting or changing the limit

iDrive concept, refer to page 16.

1. Open the start menu.
2. Call up "Navigation".
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.
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 adopts your current speed as the limit.

Activating the limit

Select "On" and press the controller.

Limit is activated.

Stopwatch

iDrive concept, refer to page 16.

1. Open the start menu.
2. Call up "Navigation".
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 restarts if it was running beforehand.
- ▷ Select "Stop" and press the controller. This stops the timer.

Taking an interim time reading

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

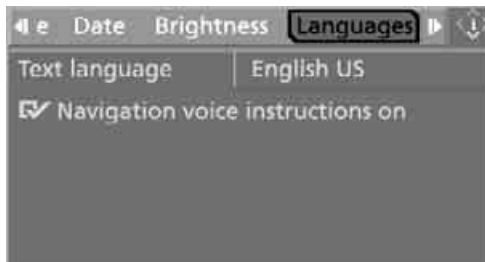
- ▷ All of the remaining functions remain available at all times while the stopwatch is running. The stopwatch continues operation in the background. ◀

Altering settings

Language on the Control Display

The language on the Control Display can be set, refer to the concept on page 16. The setting is stored for the remote control currently in use.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Display settings" and press the controller.
4. If necessary, move the highlight marker to the uppermost field. Turn the controller until "Languages" is selected and press the controller.



5. Select "Text language" and press the controller. You can switch to another language

for the display texts and navigation messages.

6. Select and activate the desired language by pressing the controller.

Brightness of the Control Display

The brightness is automatically adapted to the ambient lighting conditions. Note, however, that you can change the basic setting while the low beams are switched on. The setting is stored for the remote control currently in use.

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. Turn the controller until the desired setting is selected.


Technology for driving comfort and safety

PDC Park Distance Control*

The concept

The PDC assists you with maneuvering in tight parking spaces. Acoustic signals and a visual indicator warn you of the presence of an object in front of* or behind your car. To measure the distance, there are four ultrasonic sensors in each bumper.

These sensors have a range of approx. 6.5 ft/2 m. However, an acoustic warning does not sound until an object is approx. 2 ft/60 cm from the front sensors* or both rear corner sensors, or approx. 5 ft/1.50 m from the rear center sensors.

 PDC is a parking aid that can indicate objects when they are approached slowly, as is usually the case when parking. Avoid approaching an object at high speed, otherwise physical circumstances may lead to the system warning being issued too late. ◀

Automatic mode

With the engine running or the ignition switched on, the system is activated automatically after approx. 1 second when you engage reverse gear or move the automatic transmission selector lever to position R. 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.

The system is automatically deactivated once the vehicle travels approx. 165 ft/50 m or exceeds a speed of approx. 20 mph or 30 km/h; the LED goes out. You can reactivate the system as needed.

Signal tones

When nearing an object, its position is indicated correspondingly by an interval tone. For example, the tone sounds at the rear if the system detects an object behind the car. As the distance between vehicle and object decreases, the intervals between the tones become shorter. If the distance to the nearest object falls to below roughly 1 ft/30 cm, then a continuous tone sounds.

The warning signal is canceled after approx. 3 seconds, if you are moving parallel to a wall.

Malfunction



The indicator lamp in the instrument cluster comes on. PDC is malfunctioning. A message appears on the Control Display. Have the system checked.

To avoid this problem, keep the sensors clean and free of ice or snow in order to ensure that they will continue to operate effectively. When using a high-pressure cleaner, do not spray the sensors for extended periods of time and only from a distance of at least 4 in/10 cm.

Manual mode

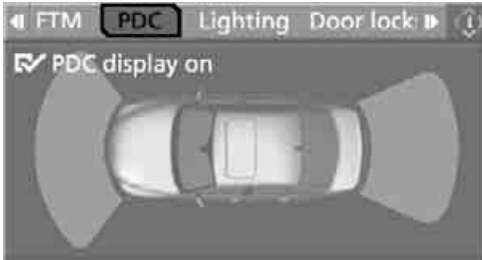
The LED above the button flashes in addition.

PDC with optical warning

You can also have the system show distances to objects on the Control Display. The contours of distant objects are shown on the Control Display even before the acoustic signal sounds.

iDrive concept, 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. If necessary, move the highlight marker to the uppermost field. Turn the controller until "PDC" is selected and press the controller.



5. Select "PDC display on" and press the controller.
6. The PDC screen is activated.

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

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

System limitations

⚠ Even with PDC, final responsibility for estimating the distance between the vehicle and any obstructions always remains with the driver. Even when sensors are provided, there is a blind spot in which objects can no longer be detected. The system is also subject to the physical limits that apply to all forms of ultrasonic measurement, such as those encountered with trailer towbars and couplings, thin and wedge-shaped objects, etc. Low objects already indicated, such as a curb, may enter the sensors' dead areas before a continuous audible signal is given. Higher, protruding objects, such as ledges, may not be detectable. Loud sound sources outside or inside the car can drown out the PDC signal. ◀

Driving stability control systems

Your BMW has a number of systems that help to maintain the vehicle's stability even in adverse driving conditions.

ABS Antilock Brake System

ABS prevents locking of the wheels during braking. Safe steering response is maintained even during full braking. Active safety is thus increased.

The ABS is operational every time you start the engine. Braking safely, refer to page 117.

Electronic brake-force distribution

The system controls the brake pressure in the rear wheels to ensure stable braking behavior.

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 the pressure on the brake for the duration of the brake application. If the brake is released, DBC will be switched off.

DSC Dynamic Stability Control

DSC prevents the driving wheels from losing traction when you pull away from rest or accelerate. DSC also recognizes unstable driving conditions, for example if the rear of the car is about to swerve or if momentum is acting at an angle past the front wheels. In these cases, DSC helps the vehicle maintain a safe course within physical limits by reducing engine output and through braking actions at the individual wheels.

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

Deactivating DSC



Press the button for at least 3 seconds; the indicator lamps for DSC in the instrument cluster light up. Dynamic Traction Control DTC and DSC have been simultaneously deactivated. Stabilizing and drive-output promoting actions are no longer executed.

To increase vehicle stability, activate DSC again as soon as possible.

Activating DSC

Press the button again; the indicator lamps in the instrument cluster go out.

To control



If the indicator lamp flashes:
DSC controls the drive forces and brake forces.



If the indicator lamps are on:
DSC has been completely deactivated.



DTC Dynamic Traction Control

DTC is a version of DSC in which the drive output is optimized for particular road conditions, e.g. unplowed snow-covered roads. The system assures the maximal drive output, but with reduced driving stability. It is therefore necessary to drive with appropriate caution.

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

- ▶ When driving uphill on snow-covered roads, in slush or on unplowed, snow-covered roads
- ▶ When rocking a stuck vehicle free or starting off in deep snow or on loose ground

- ▶ When driving with snow chains

Activating DTC



Briefly press the button; the DTC indicator lamps in the instrument cluster come on.

To control



If the indicator lamp flashes:
DTC controls the drive forces and brake forces.



If the indicator lamps are on:
DTC has been activated.

Deactivating DTC

Press the button again; the DTC indicator lamps in the instrument cluster go out.

xDrive 325xi, 330xi

xDrive is your BMW's four-wheel-drive system. The combined efforts of xDrive and DSC help to further optimize traction and driving dynamics. The xDrive four-wheel-drive system distributes driving power variably to the front and rear axles depending on the driving situation and road conditions.

Malfunction



In case of any of the malfunctions described below, drive cautiously and think well ahead. Avoid driving on rough tracks and pressing the accelerator pedal down to full throttle or kick-down position, otherwise the drive system could be damaged or accidents could result. ◀



The warning lamps come on. xDrive has failed.



Have the system checked as soon as possible.



The warning lamps come on. xDrive and DSC have failed.



Have the system checked as soon as possible.

Hill Descent Control HDC 325xi, 330xi

HDC is a downhill driving assistant that reduces your speed on steep downhill gradients and makes it even easier to control your BMW's handling under these conditions. The vehicle then moves slightly faster than double walking speed without the driver needing to intervene.

HDC can be activated as long as you are driving under approx. 20 mph or 35 km/h. When driving downhill at a speed of under approx. 20 mph or 35 km/h, the vehicle's speed is automatically reduced to slightly more than double walking speed and maintained.

Increasing or decreasing speed

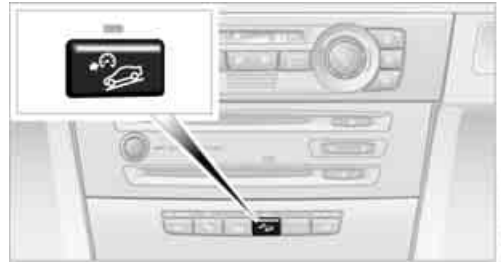
By accelerating or braking you can change the speed within a range from approx. 3 to 15 mph, approx. 5 to 25 km/h.

You can specify a target speed within the same range using the cruise control stalk.



- 1 To increase speed
- 2 To decrease speed

Activating HDC



Press the button; the indicator lamp lights up. The indicator lamp flashes when the vehicle is being braked automatically.

Deactivating HDC

Press the button again; the indicator lamp goes out.

HDC is deactivated instantly above a speed of approx. 35 mph or 60 km/h, or approx. 10 seconds after the ignition is switched off.

Using HDC

In cars with manual transmission:

Use HDC in lower gears and in reverse gear.

With automatic transmission:

You can use HDC in any drive position.

Displays in the instrument cluster




- 1 Display for target speed
- 2 HDC display

Malfunction


The HDC display disappears during HDC operation, or does not appear:

HDC is temporarily unavailable due to excessive brake temperature, or DSC has failed.



Malfunction in driving stability control systems


 The warning lamps come on. DSC including DTC and DBC is malfunctioning.

The vehicle remains operational. Have the system checked as soon as possible.

 Drive cautiously and think well ahead, otherwise unstable driving conditions could result. ◀


323i*, 325i, 330i


ABS
BRAKE
  The warning lamps for the brake system come on in red, together with the yellow indicator lamps for driving stability control systems and FTM:

 The driving stability control systems and the Flat Tire Monitor have failed.



All warning lamps come on in yellow: The driving stability control systems and the Flat Tire Monitor have failed. The electronic brake-force distribution is still active.

Have the system checked as soon as possible.

 Drive cautiously, think well ahead and avoid full brake applications, otherwise accidents could result. ◀


ABS
 Display* of this malfunction on Canadian models.



  Display* of this malfunction on Canadian models.



With xDrive 325xi, 330xi

 If one of the malfunctions described below occurs, drive cautiously and think well ahead. Also avoid situations that require full braking, otherwise accidents could result. Avoid driving on rough tracks and pressing the accelerator pedal down to full throttle or kick-down position, otherwise the drive system could be damaged. ◀

ABS

BRAKE




The warning lamps for the brake system come on in red, together with the yellow indicator lamps for driving stability control systems and FTM:



The driving stability control systems and the Flat Tire Monitor have failed.

All warning lamps come on in yellow: The driving stability control systems and the Flat Tire Monitor have failed. The electronic brake-force distribution is still active.

Have the system checked as soon as possible.

ABS
 Display* of this malfunction on Canadian models.




  Display* of this malfunction on Canadian models.



Drive-off assistant

The drive-off assistant enables you to drive off smoothly on uphill gradients. It is not necessary to use the handbrake for this.

1. Hold the car in place by depressing the brake.
2. Release the brake and drive off without delay.

 The drive-off assistant holds the car in place for approx. 2 seconds after the brake is released. Depending on vehicle load, the car may roll backwards a little during this time span. Drive off without delay after releasing the brake. Otherwise, the drive-off assistant will no longer hold the car in place after approx. 2 seconds and the car will start to roll backwards. ◀

Malfunction

BRAKE



The warning lamps for the brake system light up in yellow. The drive-off assistant has failed. The car will not be held in place after the brake is released. Have the system checked as soon as possible.



Canadian models display these warning lamps.



Flat Tire Monitor FTM

The concept

The Flat Tire Monitor monitors tire pressures while the car is being driven. The system reports any significant loss of pressure in one tire in relation to another.

If a tire loses pressure, its rolling radius changes, and this in turn alters the speed of rotation. This change is detected and is reported as a flat tire.

Functional requirement

In order to assure the reliable reporting of a flat tire, the system must be initialized for the correct tire inflation pressure.

The system must be reinitialized each time a tire inflation pressure has been corrected or a wheel or tire has been changed. ◀

System limitations

The Flat Tire Monitor is unable to warn the driver of sudden, severe tire damage caused by external factors, nor can it identify the gradual loss of pressure that will inevitably occur in all four tires over a lengthy period of time. ◀

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

- ▷ System has not been initialized
- ▷ Driving on snowy or slippery road surface
- ▷ Performance-oriented style of driving: slip in the drive wheels, high lateral acceleration

- ▷ If snow chains are attached

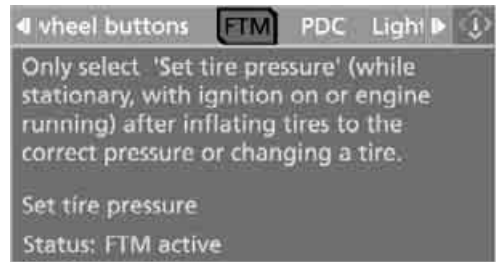
Initializing the system

The initialization is completed during driving, which can be interrupted at any time. When driving resumes, the initialization is continued automatically.

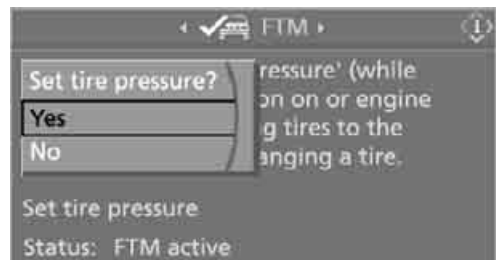
Do not initialize the system while snow chains are attached. ◀

iDrive concept, 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. If necessary, move the highlight marker to the uppermost field. Turn the controller until "FTM" is selected and press the controller.



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



8. Start to drive. "Status: FTM active" reappears in the Con-

trol Display. Initialization is then completed while the car is in motion.

Indication of a flat tire



The warning lamps come on in yellow and red. A message appears on the Control Display. In addition, an acoustic signal sounds. There is a flat tire or substantial loss of tire pressure.

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



If the car is not equipped with Run-Flat Tires, refer to page 196, the standard equipment by design, do not continue driving. Otherwise a severe accident could result after a tire puncture. ◀

2. At the next opportunity, check the air pressure in all four tires.



If all four tires are inflated to the correct pressures, the Flat Tire Monitor might 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 the basis of the following guidelines:

- ▷ With a light load:
1 to 2 persons without luggage:
approx. 155 miles/250 km
- ▷ With a medium load:
2 persons, luggage compartment full, or
4 persons without luggage:
approx. 90 miles/150 km
- ▷ With a full load:
4 or more persons, luggage compartment full:
approx. 30 miles/50 km



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

If unusual vibration or loud noises occur during

the journey, this may be an indication that the damaged tire has finally failed. Reduce your speed and pull over to the side of the road at the earliest opportunity. Otherwise, parts of the tire could come loose and cause an accident. Do not continue driving. Contact your BMW Center. ◀

Malfunction



The warning lamps come on in yellow. A message appears on the Control Display. The Flat Tire Monitor has a malfunction or has failed. Have the system checked as soon as possible.

Active steering*

The concept

Active steering varies the turning angle of the front wheels in relation to steering wheel movements. It also varies the steering force required to turn the wheels depending on the speed at which you are driving.

When you are driving in the low road-speed range, e.g. in a town or when parking, the steering angle increases, i.e. the steering becomes very direct, and less effort is required to turn the wheels. 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 stabilizing intervention is simultaneously deactivated when DSC is switched off, refer to page 85.

Malfunction

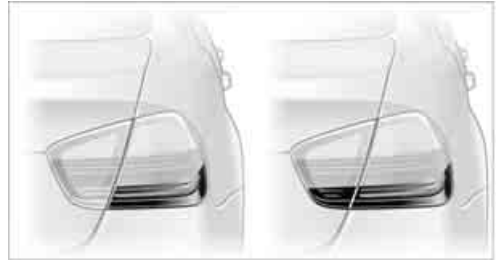


The warning lamps come on. Active steering is no longer operational. At low speeds, greater steering wheel movements are required, whereas at higher speeds the vehicle reacts more sensitively to steering wheel movements. Drive cau-

tiously and think well ahead. Have the system checked.

If the warning lamp lights up during the first engine starting following a power supply interruption, the system must be activated by being initialized.

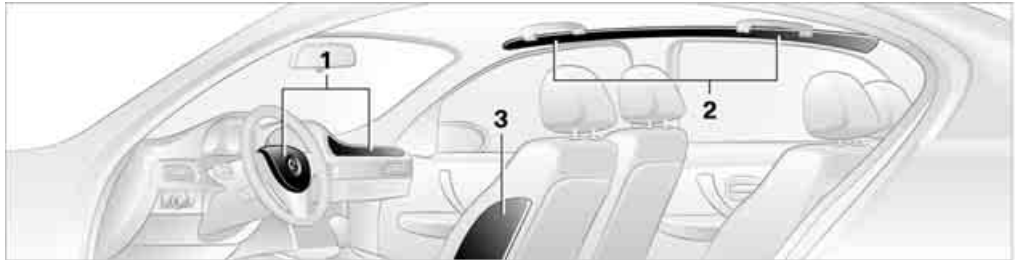
Brake Force Display*



The brake lamps light up in two stages, depending on how sharply you apply the brakes.

- ▷ Normal braking:
The brake lamps and the center brake lamp light up.
- ▷ Sharp braking:
The illuminated surface of the brake lamps is enlarged, as long as the rear fog light is not switched on.


Airbags



The following airbags are located under the marked covers:

- 1 Front airbags
- 2 Head airbags
- 3 Side airbags


Protective action

 Observe the adjustment instructions on page 40 to ensure the best possible personal protection. ◀

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 side impact. The relevant side airbag supports the side upper body area. The head air bag supports the head.

The airbags will purposely not be activated by every collision, e.g. not by more minor accidents, certain roll-over situations and rear-end collisions.

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

seat covers, cushions or other objects not specifically approved for seats with integral side airbags to the front seats. Do not hang items of clothing such as coats or jackets over the backrests. Do not attempt to remove the airbag retention system from the vehicle. Do not modify the individual components of the system or its wiring in any way. This includes the upholstered covers on the steering wheel, instrument panel, seats and roof posts, as well as the sides of the roof lining. Do not attempt to remove or dismantle the steering wheel.


Do not touch the individual components immediately 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 executed only by a BMW Center or a workshop that works according to BMW repair procedures with correspondingly 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. ◀

Warning notices and information about the airbags can also be found on the sun visors.

Automatic deactivation of the front passenger airbags

An analysis of the impression in the front passenger seat cushion determines whether and how the seat is occupied. The front and side airbags for the front passenger are activated or deactivated by the system accordingly.

 The indicator lamp above the interior rearview mirror shows the current status of the front passenger airbags, deactivated or activated, refer to Status of front passenger airbags below.

 Before transporting a child on the front passenger seat, read the safety precautions and handling instructions under Transporting children safely, refer to page 49. The front and side airbags can also be deactivated by adolescents and adults sitting in certain positions; the indicator lamp for the front

passenger airbags comes on. In such cases, the passenger should change his or her sitting position so that the front passenger airbags are activated and the indicator lamp goes out. If the desired airbag status cannot be achieved by changing the sitting position, transport the relevant passenger on a rear seat. Do not attach seat covers, seat cushion padding, ball mats or other items to the front passenger seat unless they are specifically recommended by BMW. Do not place any items under the seat which could press against the seat from below. Otherwise a correct analysis of the seat cushion is not ensured. ◀

Status of front passenger airbags



The indicator lamp for the front passenger airbags shows the functional status of the front passenger's front and side airbags in accordance with whether and how the front passenger seat is occupied. The indicator lamp shows whether the front passenger airbags are activated or deactivated.

- ▷ The indicator lamp comes on as intended when a child in a specially designated child-restraint system is detected on the seat. The front and side airbags for the front passenger are not activated.
- ▷ The indicator lamp does not come on as long as a person of sufficient size and in a correct sitting position is detected on the seat. The front and side airbags for the front passenger are activated.
- ▷ The indicator lamp does not come on if the seat is empty. The front and side airbags for the front passenger are not activated.


Operational readiness of airbag system



As of radio readiness, refer to page 52, the warning lamp comes on briefly to indicate that the entire airbag system and the belt tensioners are operational.

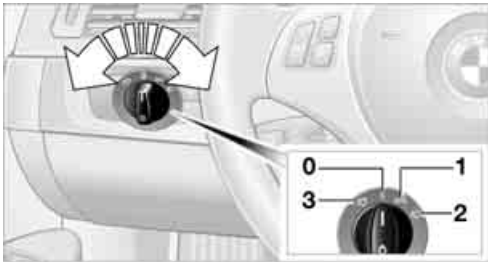
Airbag system malfunction

- ▷ Warning lamp does not come on along with radio readiness
- ▷ Warning lamp remains permanently on

 In the event of a fault in the airbag system, have it checked without delay, otherwise there is the risk that the system will not function as intended even if a sufficiently severe accident occurs. ◀

Lamps


Parking lamps/low beams



- 0 Lamps off and daytime driving lamps
- 1 Parking lamps and daytime driving lamps
- 2 Low beams
- 3 Automatic headlamp control* and Adaptive Head Light*

Parking lamps

In switch position **1**, the front, rear and side vehicle lighting is switched on. You can use the parking lamps for parking. For the additional option of roadside parking lamps on one side of the car only, refer to page [95](#).

 The parking lamps will discharge the battery. Therefore, do not leave them on for unduly long periods of time, otherwise the battery might not have enough power to start the engine. ◀

Low beams

The low beams light up when the light switch is in position **2** and the ignition is on.

If desired, the light switch can remain in the low-beam headlamp position. The exterior lamps are automatically switched off after the vehicle is parked.

If necessary, switch on the parking lamps as described in the section about parking lamps.


Automatic headlamp control*

When the switch is in position **3**, the low beams are switched on and off automatically depend-


ing on ambient light conditions, e.g. in a tunnel, in twilight, or if there is precipitation. The LED next to the symbol is illuminated when the low beams are on.

When driving into tunnels with bright overhead lights, there may be a delay before the headlamps come on.

The headlamps may also come on when the sun is sitting low on a blue sky.

 The low beams remain switched on independent of the ambient lighting conditions when you switch on the fog lamps*. When the daytime driving lamps are activated, refer to page [94](#), the low-beam headlamps are always switched on when the switch is in position **3** and the ignition is on. ◀

If desired, the light switch can remain in position **3**. The exterior lamps are automatically switched off after the vehicle is parked.

 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 or hazy weather. To avoid safety risks, you should always switch on the lamps manually under these conditions. ◀

Adjusting sensitivity

You can program how sensitively the system reacts to ambient light.

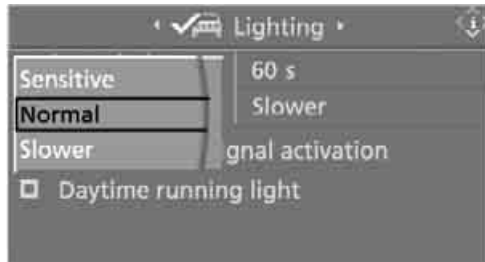
iDrive concept, refer to page [16](#).

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 "Auto. headlamps" and press the controller.
6. Select a menu item:
 - ▷ "Sensitive"
 - ▷ "Normal"
 - ▷ "Slower"



7. Press the controller.

Pathway lighting

If you activate the headlamp flasher after parking the car, with the lights switched off, the low beams come on and remain on for a certain time.

You can adjust the operating period or deactivate the function.

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 "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 desired, the light switch can remain in the Lamps off position or the Parking lamps position.

In the Lamps off position, the exterior lamps are automatically switched off after the vehicle is parked. In the Parking lamps position, the parking lamps come on after the ignition is switched off.

If necessary, switch on the parking lamps as described in the section about parking lamps.

Activating/deactivating daytime driving lamps*

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.



- Select "Daytime running light" and press the controller.
 - The daytime driving lamps are switched on.

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

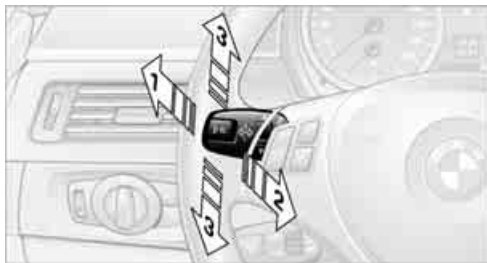
With the ignition on, turn the light switch to the automatic headlamp control position, refer to page 93.

To avoid dazzling the drivers of oncoming vehicles, Adaptive Head Light is not active when the car is driven in reverse, and directs the light to the front passenger's side when the vehicle is at a standstill.

Malfunction

The LED next to the symbol for automatic headlamp control flashes. Adaptive Head Light is malfunctioning or has failed. Have the system checked as soon as possible.


High beams/roadside parking lamps



- High beams
- Headlamp flasher
- Roadside parking lamps*


Roadside parking lamps, left or right*

There is an additional option of switching on the lamps on the side of the car facing the road when parked, if permitted in the country of use. After parking the vehicle, press the lever up or down beyond the pressure point, arrow 3.


 The roadside parking lamps drain the battery. Therefore, do not leave them on for unduly long periods of time, otherwise the battery might not have enough power to start the engine. ◀

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 whenever the fog lamps are on.

Depending on your vehicle's equipment version, the fog lamps are switched off when you activate the headlamp flasher or switch on the high beams*.

 If the automatic headlamp control is activated, the low beams will come on automatically when you switch on the fog lamps. ◀

Instrument lighting

You can adjust the brightness of the instrument lighting only when the parking lamps or the low beams are switched on.



1. Lightly push button 1 up or down repeatedly until the appropriate symbol appears in the display, accompanied by the brightness and the word "SET".
2. Press button 2.




3. Lightly push button 1 up or down to select the brightness; the setting is stored immediately.
4. Press button 2 in the turn indicator stalk. The display again shows the outside temperature and the time.

Interior lamps

The interior lamps, the footwell lamps*, the luggage compartment lamp and the courtesy lamps* are controlled automatically.

The LEDs for the courtesy lamps are set in the door handles and illuminate the ground in front of the doors.

 To avoid draining the battery, all lamps inside the car are switched off about 15 minutes after the ignition is switched off, refer to Start/stop button on page 52. ◀

Switching interior lamps on/off manually

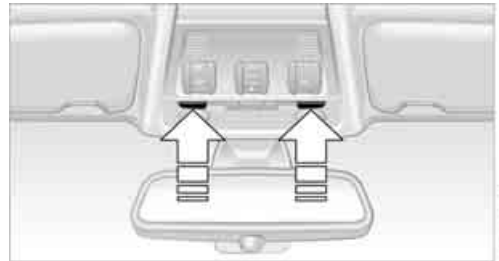


Interior lamps, front and rear*:

To switch on and off, press the button.

To switch off the lamp permanently, press the button for the front interior lamp for about 3 seconds.

Reading lamps



There are reading lamps at the front and rear*, next to the interior lamps. To switch on and off, press the button.



- 1 Airflow directed toward the windshield and side windows
- 2 Air to the upper body area
Draft-free ventilation [100](#)
- 3 Air to the footwell
- 4 Air distribution, manual
- 5 Temperature adjustment, left-hand side of passenger compartment
- 6 Maximum cooling
- 7 AUTO program
- 8 Air flow rate, manual
- 9 AUC Automatic recirculated-air control/
Recirculated-air mode

- 10 Temperature adjustment, right-hand side of passenger compartment
- 11 Residual heat
- 12 Defrosting windows and removing condensation
- 13 Switching cooling function on/off manually
- 14 Rear window defroster
- 15 Air grill for interior temperature sensor – please keep clear and unobstructed

The current setting for the air distribution is displayed on the Control Display, refer to page [98](#).

Automatic climate control

Comfortable interior climate

AUTO program 7 offers the ideal air distribution and air flow rate for almost all conditions, refer to AUTO program below. All you need to do is select an interior temperature which is comfortable for you.

The following sections inform you in detail about how to adjust the settings.

Most settings are stored for the remote control currently in use, refer also to Personal Profile settings on page 29.

Switching manual air distribution on/off



The emerging air is directed to the windows, to the upper body area or to the footwell.

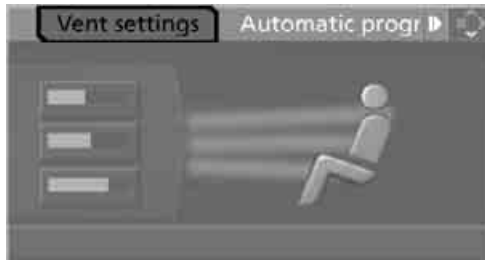
You can switch the automatic air distribution back on by pressing the AUTO button.

Fine adjustments to manual air distribution

You can set the rate of incoming airflow for manual air distribution.

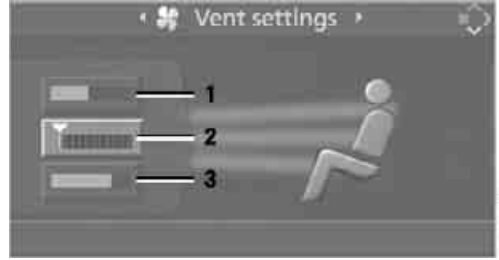
iDrive concept, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller to the left to call up "Climate".
3. Select "Vent settings" and press the controller.



4. Select the desired field.

5. Turn the controller to set the air distribution individually.



- 1 Airflow directed toward the windshield and side windows
- 2 Air to the upper body area
- 3 Air to the footwell

Temperature



Set the desired temperatures individually for the driver's and front passenger's sides.

The automatic climate control achieves this temperature as quickly as possible regardless of the season, using maximum cooling or heating power if necessary, and then maintains it.



When you switch between different temperature settings in quick succession, the automatic climate control does not have enough time to achieve the set temperature. ◀

Maximum cooling



At outside temperatures above 32 °F/0 °C and when the engine is running, you obtain a maximum cooling effect as soon as possible.

The automatic climate control switches to the lowest temperature and operates in recirculated-air mode. Air flows at maximum rate only from the vents for the upper body area. You should therefore open them for maximum cooling.

AUTO program



The AUTO program adjusts the air distribution to the windshield and


side windows, towards the upper body area and into the footwell for you. The air flow rate and your temperature specifications will be adapted to outside influences as a result of seasonal changes, e.g. sunlight or window condensation. The cooling is switched on automatically with the AUTO program.

Intensity of the AUTO program

You can set the intensity of the air supply in the AUTO program. This changes the duration of time during which the vehicle interior is heated or cooled.

1. Open the start menu.
2. Call up "Climate".
3. Select "Automatic programs" and press the controller.
4. Select the desired field.
5. Press the controller to set the desired intensity.



 The selected intensity level of the automatic program is switched on.

Adjusting air flow rate manually



Press the left side of the button to reduce airflow. Press the right side of the button to increase it.

You can reactivate the automatic mode for the air flow rate with the AUTO button.

Switching the system on/off

With the blower at its lowest setting, press the left side of the button to switch off the automatic climate control. All indicators go out.

Press any button except REST to reactivate the automatic climate control.

AUC Automatic recirculated-air control/Recirculated-air mode



Switch on the desired operating mode by pressing this button repeatedly:

- ▷ LEDs off: outside air flows in continuously.
- ▷ Left-hand LED on, AUC mode: a sensor detects pollutants in the outside air. If necessary, the system blocks the supply of outside air and recirculates the inside air. As soon as the concentration of pollutants in the outside air has decreased sufficiently, the system automatically switches back to outside air supply.
- ▷ Right-hand LED on, recirculated-air mode: the supply of outside air is permanently shut off. The system then recirculates the air currently within the vehicle.



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 flow rate as required.

The recirculated-air mode should not be used over an extended period of time, otherwise the air quality inside the car will deteriorate continuously. ◀

Via the button* on the steering wheel

You can switch between operating modes via an individually programmable button on the steering wheel, refer to page 11:

- ▷ When outside air is coming in, you can use the button on the steering wheel to switch between outside air and recirculated-air mode.
- ▷ When recirculated-air mode or AUC mode is switched on, you can use the button on the steering wheel to switch between recirculated-air mode and AUC mode.

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 the engine has been switched off
- ▷ While the engine is at operating temperature
- ▷ As long as battery voltage is sufficient
- ▷ At an outside temperature below 77 °F / 25 °C

The LED is lit when the function is on.

As of radio readiness, you can set the interior temperature, the air flow rate and the air distribution.

Defrosting windows and removing condensation



Quickly removes ice and condensation from the windshield and front side windows.

Switching cooling function on/off



The cooling function cools and dehumidifies the incoming air before also reheating it as required, according to the temperature setting. Depending on the weather, the windshield may fog over briefly when the engine is started.

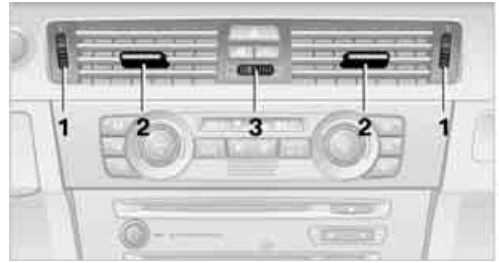
The cooling function is automatically switched on along with the AUTO program. The passenger compartment can only be cooled while the engine is running.

Rear window defroster



The defroster switches off automatically after a certain time.

Ventilation



- 1 Use the knurled wheels to smoothly open and close the air vents
- 2 Use the lever to change the direction of the airflow
- 3 Knurled wheel for more or less cool air from the vents for the upper body area

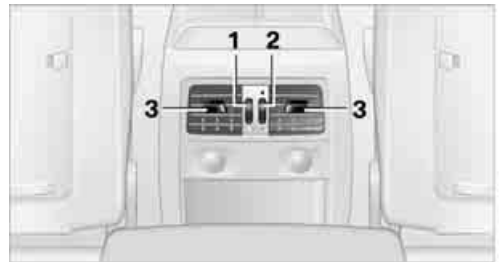
Ventilation for cooling

Adjust the vent outlets to direct the flow of cool air in your direction, for instance if it has become too hot in the car.

Draft-free ventilation

Set the vent outlets so that the air flows past you and not straight at you.

Ventilation in the rear



- 1 Use the knurled wheel to smoothly open and close the air vents
- 2 Use the knurled wheel to adjust the temperature:
 - ▷ Turn toward blue: colder
 - ▷ Turn toward red: warmer
- 3 Use the lever to change the direction of the airflow

Microfilter/activated-charcoal filter

The microfilter traps dust and pollen in 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 during routine maintenance.

You can call up further information in the service requirements display, refer to page 74.

Parked car ventilation

Concept

The parked car ventilation/heating provides ventilation to the passenger compartment and lowers its temperature, if necessary. It is ready for use at any outside temperature, as of radio readiness.

The parked car ventilation/heating remains switched on for 30 minutes. Two different switch-on times can be preselected. The system can also be switched on and off directly. Due to its high power consumption, it should not be switched on twice in a row without driving in between to allow the battery to recharge.

The air emerges from the air vents for the upper body area in the instrument panel. The air vents must therefore be open.

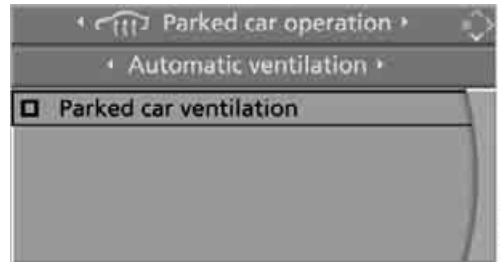
The parked car ventilation system is operated via iDrive.


Switching on/off directly


iDrive concept, refer to page 16.

1. Open the start menu.
2. Move the controller to the left to call up "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.



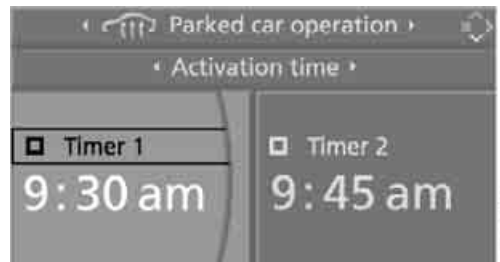
 The parked car ventilation/heating is switched on.

 The symbol on the automatic climate control display flashes.

Preselecting switch-on times

iDrive concept, refer to page 16.

1. Open the start menu.
2. Move the controller to the left to call up "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".



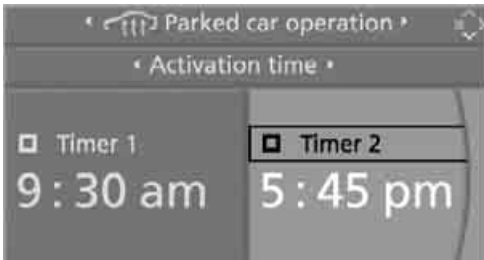
- Select the time and press the controller.
The first time setting is selected.






- Turn the controller to make the adjustment.
- Press the controller to apply the setting.
The next setting is highlighted.
- Make the remaining adjustments. After the last adjustment, the time is stored.

Activating switch-on times

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 automatic climate control display lights up.
-  The symbol on the automatic climate control display flashes when the system has switched on.
-  The respective system only switches on within the next 24 hours. After these have elapsed, it must be reactivated. ◀

Practical interior accessories


Integrated universal remote control*

The concept


The integrated universal remote control can replace as many as three hand-held transmitters for various remote-controlled devices, 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**. After this, the programmed memory button **1** will operate the system in question. The LED **2** flashes to confirm transmission of the signal.

Should you sell your vehicle one day, be sure to delete the stored programs beforehand for your safety, refer to page **104**.

 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 pivoting or travel range of the device being operated. Comply also with the safety instructions supplied with the original hand-held transmitter. ◀

Checking compatibility

 If this symbol appears on the package or in the instructions supplied with the original hand-held transmitter, you can assume that the radio remote control device will be compatible with the integrated universal remote control.

For additional information, please contact your BMW Center or call: 1-800-355-3515.

You can also obtain information 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 the ignition, refer to page **52**.
2. When starting operation for the first time: Press both outer memory buttons **1** for approx. 20 seconds until the LED **2** flashes. all stored programs are cleared.
3. Hold the original hand-held transmitter at a distance of approx. 2 to 8 in/5 to 20 cm from the memory buttons **1**.
 The required distance between the hand-held transmitter and the memory buttons **1** depends on the system of the respective 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 system fails to function even 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 while and then remains lit for about two seconds, the original hand-held transmitter uses an alternating-code system. If it uses an alternating-code system, program the memory buttons **1** as described under Alternating-code hand-held transmitters. ◀

Alternating-code hand-held transmitters

To program the integrated universal remote control, consult the operating instructions for the device 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 device.
2. Program the integrated universal remote control as described above in the section 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 device 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.

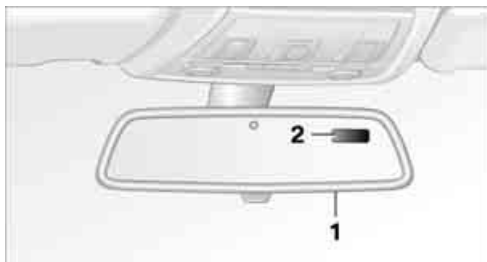
▶ If you have any questions, please contact your BMW Center. ◀

Deleting stored programs

Press both outer memory buttons **1** for approx. 20 seconds until the LED **2** flashes: all stored programs are cleared.

It is not possible to clear individual programs.

Interior rearview mirror with digital compass*



1 Adjustment button

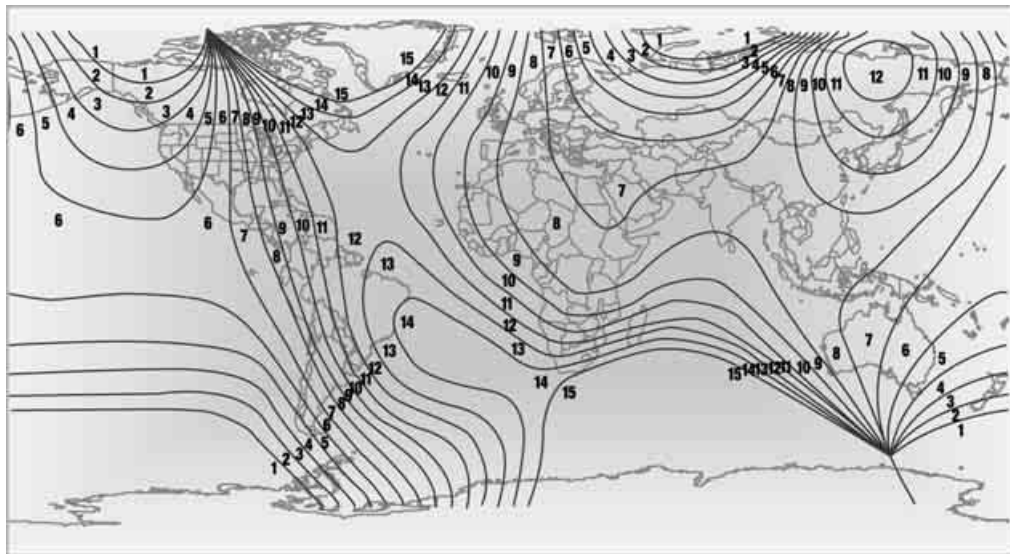
2 Display

The display shows you the main or secondary direction in which you are driving.

Setting compass zones

Depending on the vehicle's geographic location, the relevant compass zone must be set.

Refer to the world map with compass zones below.



To set a compass zone, press the adjustment button on the bottom of the interior rearview mirror with a pointed object, such as a pen, for approx. 3–4 seconds. The number of the compass zone set is shown in the display.

To change the zone setting, press the adjustment button repeatedly until the display shows the number of the compass zone in which you are currently driving:

The compass is operational again after approx. 10 seconds.

Calibrating the digital compass

The digital compass must be calibrated in the following situations:

- ▷ C or CAL is displayed.
- ▷ The compass shows the wrong cardinal direction.
- ▷ The cardinal direction shown does not change although the direction of travel does.
- ▷ Not all cardinal directions are shown.

Procedure

1. Make sure that no large metal objects or overhead power lines are in the vicinity of your vehicle and that you have enough space to drive in a circle.
2. Set the currently valid compass zone.
3. Press the adjustment button to call up C or CAL. Then drive in one full circle at a speed of no more than 4 mph or 7 km/h. If calibration is successful, the C or CAL display is replaced by the cardinal directions.

Roller sun blinds*

Rear window blind



Tap the button in the center console to raise or lower the roller sun blind.

Roller sun blinds for rear side windows

Pull loop of roller sun blind and hook onto bracket.

Glove compartment

Opening



Pull the handle.
The light in the glove compartment switches on.

Closing

Fold the cover up.

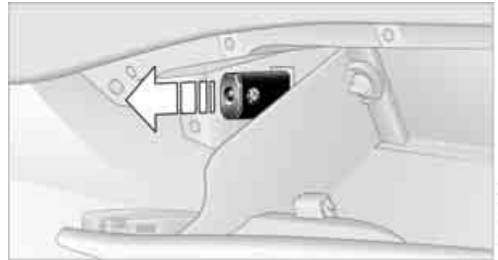
! To prevent injury in the event of an accident while the vehicle is being driven, close the glove compartment immediately after use. ◀

Locking

To lock the glove compartment, use the integrated key of the remote control or the spare key, refer to page 28.

Rechargeable flashlight*

It is on the left-hand side of the glove compartment. The flashlight can remain plugged in. Whenever required, pull the flashlight out of its socket.

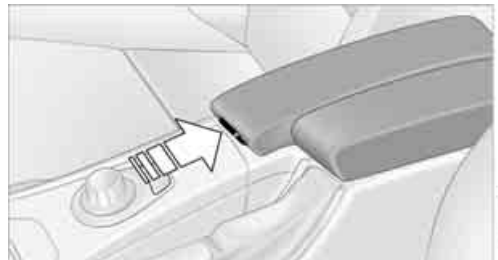


! Only insert the flashlight back into the socket when it is switched off, otherwise there is a risk of damage. ◀

Center armrest

Storage compartment

The center armrest between the front seats contains either a compartment or the cover for the snap-in adapter*, depending on the equipment version.



Opening

Press the button, see arrow.
The lid opens.

Ventilated storage compartment



The storage compartment in the center armrest can be ventilated: slide the switch backwards.

The temperature is controlled via the knurled wheel for adjusting the temperature of air ventilating the rear of the passenger compartment, refer to page 100.

Connection for external audio device

You can connect an external audio device such as a CD or MP3 player and play audio tracks over the car's loudspeaker system, refer to page 162.


Storage compartments inside the vehicle

Depending on your vehicle's equipment, you will find compartments beside the steering column*, in the front doors and in the center console*.


There are nets* on the front-seat backrests.

Clothes hooks

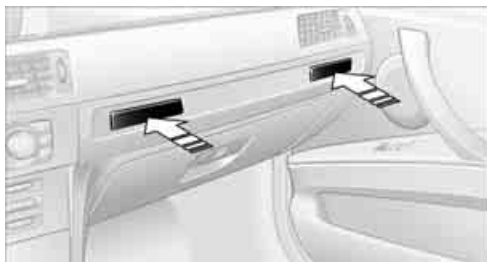
There are clothes hooks on the grab handles in the rear passenger compartment.

 Items of clothing hung from the hooks must not obstruct the driver's view. Do not hang heavy objects from the hooks, otherwise they could endanger the car's occupants, e.g. in case of heavy braking or sudden swerving. ◀

Cup holders

 Do not place glassware in a cup holder; otherwise there is an increased risk of injury in the event of an accident. ◀

Front



Opening

Briefly press the center of the cover.

Closing

Briefly press the cover in the center and push in the cup holder.

Rear

There are two additional cup holders in the rear center armrest.

Ashtray, front

Opening



Push the ridge on the cover.

Emptying




Lift out the insert.

Lighter



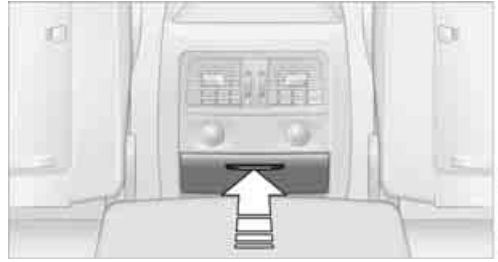
With the engine running or the ignition switched on, press in the cigarette lighter.

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. When leaving the car, always remove the remote control so that children cannot operate the cigarette lighter and possibly burn themselves. ◀

Ashtray, rear

Opening



Push the ridge on the cover.

Emptying

Lift out the insert.

Connecting electrical appliances

In your BMW, you can use electrical devices such as a flashlight, car vacuum cleaner, etc., up to approx. 200 watts at 12 volts, as long as one of the following sockets is available. Avoid damaging the sockets by attempting to insert plugs of unsuitable shape or size.

Cigarette lighter socket*

Pull the cigarette lighter out of the socket, refer to page 108.

Socket in the center armrest

External audio device, refer to page 107.

Sockets in the rear center console*

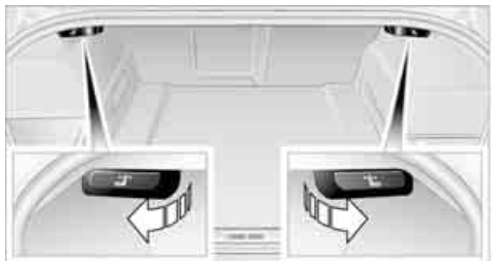


Remove corresponding cover.

Socket in the luggage compartment*



Open the cap.

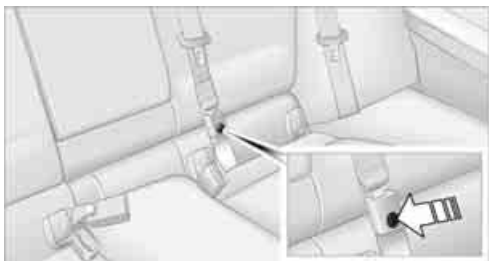


5. The unlocked rear seat back moves forward slightly. Fold the seat back forward by the head restraint.

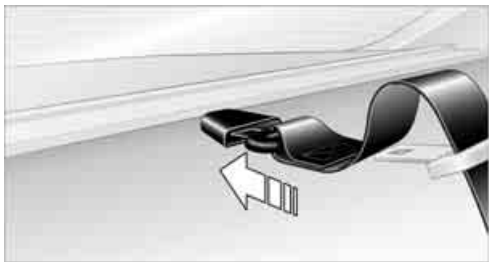
Through-loading system*

Opening

1. Open the belt lock of the rear center safety belt. To do so, press the button, see arrow, and release the latch plate.



2. Insert the latch plate at the end of the belt into the specially designated fixture on the rear window shelf.



3. Push the corresponding head restraint down as far as it will go, refer to page 43.
4. To release the rear seat back, pull the corresponding lever in the luggage compartment.



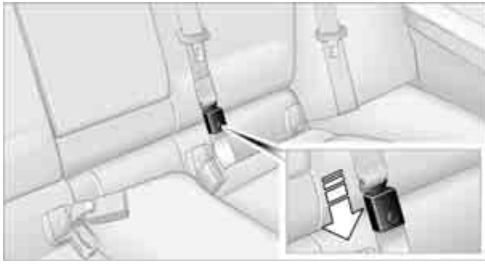
Closing

1. Return the rear seat back to its upright position and engage it.



When returning the backrest into its seating position, make sure that the seat's locking mechanism engages properly. Otherwise, cargo could be thrown around in the event of sharp braking or swerving and endanger the occupants. ◀

2. Release the latch plate from the fixture on the rear window shelf and insert it into the belt lock of the center safety belt. Make sure you hear the latch plate engage in the belt buckle.



The lashing eyes in the luggage compartment provide you with a way to attach luggage compartment nets* or draw straps for securing suitcases and luggage, refer to page 119.

Storage spaces in the luggage compartment

Left storage compartment, suitable e.g. for storing a box of cleaning tissues or up to 12 CD cases, depending on vehicle equipment version.

Depending on your vehicle's equipment, the following additional storage spaces can be found in the luggage compartment:

- ▷ Net* for securing smaller objects, to be attached to the fixtures on the floor panel
- ▷ Hooks for hanging up, e.g., shopping bags or tote bags
- ▷ Rubber strap on the left trim panel for securing small objects such as a folding umbrella
- ▷ Net for small objects on the right trim panel
- ▷ Retaining straps next to the rear lashing eyes, e.g. for securing an umbrella
- ▷ Folding, removable box* under the floor panel, e.g. for wet or dirty items
- ▷ Insertable dividers* and removable storage tray for the storage compartment under the floor panel
- ▷ Drawer for storing small items. Pull the handle firmly to release the drawer. If necessary, you can pull out the drawer entirely, refer to the information below



Do not drive or close the luggage compartment lid while the drawer is pulled out.

On uphill gradients, release the drawer with caution, otherwise it could slide out on its own and cause injury.

Do not exceed a maximum load of 11 lbs/5 kg for the drawer, otherwise damage could result. ◀

Removing the drawer

1. Push the drawer all the way in.
2. Turn the catches on the left and right all the way out.



3. Remove the drawer by pulling it down and backwards.

Reinserting the drawer


1. Hook the guides of the drawer into the front of the yellow guide aids on the underside of the luggage compartment.
2. Insert the catches into the mounts on the underside of the luggage compartment.
3. Turn the catches on the left and right all the way in.

Folding up the luggage compartment floor panel

Press the floor panel against the top of the luggage compartment; a locking device holds the luggage compartment floor panel in place. To detach the floor panel, pull it out of the locking device.

Equipment version with drawer:

Take the retaining strap on the right-hand side of the drawer out of the bracket and use it to fix the cargo luggage compartment panel in place.

 Do not exceed the maximum permissible load of 55 lbs/25 kg for the storage compartment under the floor panel, otherwise damage could result. ◀

Lashing eyes

You will find lashing eyes in the luggage compartment for securing luggage items with nets or tensioning straps, refer to page 119.

Ski bag*

Designed for safe, clean transport of up to 4 pairs of standard skis or up to 2 snowboards.

With the ski bag you can stow skis with a length of up to 6 ft 10 in/2.10 m. When skis of 6 ft 10 in/2.10 m length are loaded, the overall capacity of the ski bag is reduced due to its tapered design.

Loading

1. Fold down the center armrest.
2. Press the button, reach into the recess and fold down the cover.



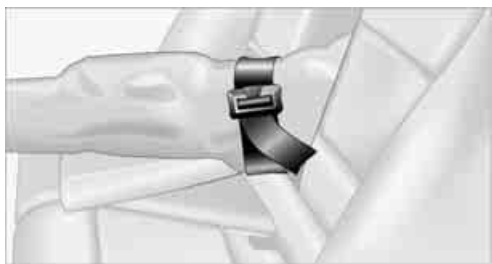
3. Open the Velcro fastener, spread the ski bag between the front seats and insert the skis or snowboards.
The zip fastener makes objects in the ski bag easier to reach.

4. Insert the latch plate of the ski bag's retaining strap in the center belt buckle.




Make sure to load only clean skis into the ski bag. Wrap sharp edges to prevent damage.

Securing cargo



After loading, secure the ski bag and its contents. Tighten the retaining strap on the tensioning buckle for this purpose.

 Secure the ski bag in the manner described, otherwise it could endanger the car's occupants, e.g. in case of heavy braking or sudden swerving. ◀

To store the ski bag, perform the steps described for loading in reverse order.


Removing the ski bag

The ski bag can be completely removed, e.g. for faster drying or to allow you to use other inserts.

1. Fold down the center panel in the rear seat backrest.
2. Pull the handle, arrow 1.



3. Pull out the insert, arrow 2.

 For more information on the various inserts available, contact your BMW Center. ◀





Driving tips

This section provides you with information useful in dealing with specific driving and operating conditions.

Things to remember when driving

Break-in period

Moving parts need breaking-in time to adjust to each other. Please follow the instructions below in order to achieve the optimal service life and economy of operation for your vehicle.

Engine and differential

Always obey all official speed limits.

Up to 1,200 miles/2,000 km

Attempt to vary both engine and vehicle speeds, but refrain from exceeding an engine speed of 4,500 rpm or a driving speed of 100 mph or 160 km/h.

Avoid full-throttle operation and use of the transmission's kick-down mode.

After 1,200 miles/2,000 km

Engine and vehicle speeds can be gradually increased.

Sequential manual gearbox SMG

Do not use the acceleration assistant during the break-in period, page 57.

Tires

Due to technical factors associated with their manufacture, tires do not achieve their full traction potential until after an initial break-in period. Therefore, drive cautiously 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 cautiously during this break-in period.

Clutch

The function of the clutch reaches its optimal level only after a distance driven of approx.


300 miles/500 km. During this break-in period, engage the clutch gently.

Following part replacement

The same break-in procedures should be observed if any of the components mentioned above have to be renewed in the course of the vehicle's operating life.

General driving notes


Close the luggage compartment lid

 Operate the vehicle only when the luggage compartment lid is closed. Otherwise, exhaust fumes could enter the interior of the vehicle. ◀


If special circumstances make it absolutely necessary to drive with the luggage compartment lid open:

1. Close all windows and the glass sunroof.
2. Increase the air flow rate of the automatic climate control considerably, refer to page 99.

Hot exhaust system

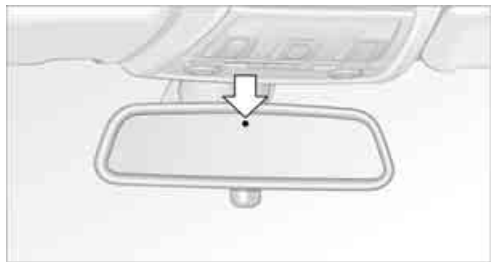
 In all vehicles, extremely high temperatures are generated in the exhaust system. Do not remove the heat shields installed adjacent to various sections of the exhaust system, and never apply undercoating to them. When driving, standing at idle and while parking, take care to avoid possible contact between the hot exhaust system and any highly flammable materials such as hay, leaves, grass, etc. Such contact could lead to a fire, with the risk of serious personal injuries and property damage. ◀

Mobile phone in the vehicle

 BMW discourages the use of mobile communications devices, e.g. mobile phones, inside the vehicle without a direct con-

nection to an outside antenna. Otherwise, the vehicle electronics and mobile communication device can influence one another. In addition, there is no assurance that the radiation which results from transmission will be dissipated from the vehicle interior. ◀


Interior and exterior mirrors, automatic dimming feature*



The automatic dimming feature of the interior and exterior mirrors* is controlled by two photo cells in the interior rearview mirror. One photo cell is in the mirror frame, see arrow; the other is on the back of the mirror.


In order to ensure that the system functions correctly, keep the photo cells clean, do not cover the area between the interior rearview mirror and windshield, and do not affix adhesive labels or stickers of any kind to the windshield directly in front of the mirror.

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 situation, known as hydroplaning, means that the tire can completely lose contact with the road surface, so that neither the car can be steered nor the brake be properly applied. ◀


The risk of hydroplaning increases with declining tread depth on the tires, refer also to Minimum tread depth on page 195.

Driving through water


 Drive through water on the road only if it is not deeper than 1 ft/30 cm, and then only at walking speed at the most. Otherwise, the

vehicle's engine, the electrical systems and the transmission may be damaged. ◀

Use the handbrake on inclines

 On inclines, do not hold the vehicle with the clutch; use the handbrake. Otherwise greater clutch wear will result. ◀

Sequential manual gearbox SMG

 On uphill slopes, drive off without delay. Do not hold the vehicle in place by depressing the accelerator pedal; apply the handbrake instead. Otherwise, the transmission could overheat. ◀

Also use the drive-off assistant, refer to page 87.

Braking safely


Your BMW is equipped with ABS as a standard feature. Applying the brakes fully is the most effective way of braking in situations in which this is necessary. Since the vehicle maintains steering responsiveness, you can still avoid possible obstacles with a minimum of steering effort.

Pulsation of the brake pedal, combined with sounds from the hydraulic circuits, indicate that ABS is in its active mode.

Driving in wet conditions

When roads are wet or there is heavy rain, briefly exert gentle pressure on 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 the resulting reduced efficiency of the brake system, drive long or steep downhill gradients in the gear in which the least braking is required. Even light but consistent brake pressure can lead to high temperatures, brake wear and possibly even brake failure. ◀

You can increase the engine's braking effect by shifting down, all the way to first gear if necessary. This strategy helps you avoid placing excessive loads on the brake system. Downshifting in manual mode of the automatic transmission, refer to page 58.

⚠ Never drive with the clutch held down, with the transmission in idle or with the engine switched off; otherwise, engine braking action will not be present or there will be no power assistance to the brakes or steering. Never allow floor mats, carpets or any other objects to protrude into the area around the pedals, otherwise pedal function could be impaired. ◀

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 the vehicle is parked

Condensation forms while the automatic climate control is in operation, and then exits under the vehicle. Traces of condensed water under the vehicle are therefore normal.

Before driving into a car wash

For general information about taking care of your BMW, refer to the Caring for your vehicle brochure.

With convenient access and automatic transmission

Insert the remote control into the ignition switch.

The engine can be switched off when the selector lever is in position N. Refer also to page 36.

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 kg or YYY lbs. Otherwise, overloading can result in damage to the vehicle and unstable driving conditions. ◀

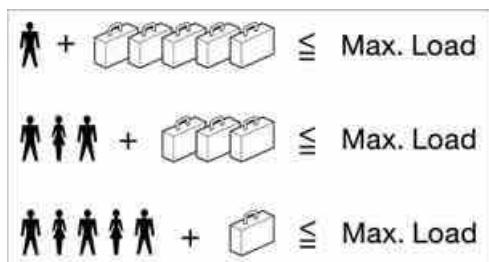
2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
3. Subtract the combined weight of the driver and passengers from XXX kilograms or YYY pounds.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the YYY amount equals 1,400 lbs. and there will be five 150 lbs. passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs.:

$$1,400 \text{ lbs.} \text{ minus } 750 \text{ lbs.} = 650 \text{ lbs.}$$
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.

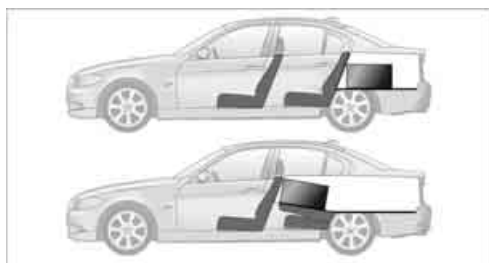
- If your vehicle will be towing a trailer, part of the load from your trailer will be transferred to your vehicle. Consult the manual for transporting a trailer to determine how this may reduce the available cargo and luggage load capacity of your vehicle.

Load



The permissible load is the total of the weight of occupants and cargo/luggage. The greater the weight of the occupants, the less cargo/luggage can be transported.

Stowing cargo




- ▶ Position heavy objects as low and as far forward as possible, ideally directly behind the respective seat backs.
- ▶ Cover sharp edges and corners.
- ▶ For very heavy cargo when the rear seat is not occupied, secure each safety belt in the opposite buckle.

Securing cargo



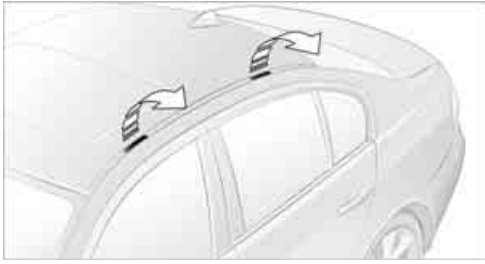
- ▶ Smaller and relatively light items can be retained with tensioning straps or draw straps*.
- ▶ Heavy-duty cargo straps* for securing larger and heavier objects are available at your BMW Center. Four lashing eyes are provided for attaching the cargo straps. Two are located on the inside rear wall of the luggage compartment **1**, and two others are on the side walls of the luggage compartment **2**.
Comply with the information provided with the cargo straps.

 Always position and secure the cargo as described above, so that it cannot endanger the car's occupants, for example if sudden braking or swerves are necessary. Never exceed either the approved gross vehicle weight or either of the approved axle loads, refer to page 220, as excessive loads can pose a safety hazard, and may also place you in violation of traffic safety laws. Heavy or hard objects should not be carried loose inside the car, since they could be thrown around, for example as a result of heavy braking, sudden swerves, etc., and endanger the occupants. ◀

Roof-mounted luggage rack*

A special rack system is available as an option for your BMW. Comply with the precautions included with the installation instructions.

Mounting points



Open the covers.

Loading roof-mounted luggage rack

Because roof racks raise the vehicle's center of gravity when loaded, they have a major effect on vehicle handling and steering response.

You should therefore always remember not to exceed the approved roof load capacity, the approved gross vehicle weight or the axle loads when loading the rack.

You can find the specified weights on page [220](#).

The roof load must be uniformly distributed and should not be too large in area. Heavy items should always be placed at the bottom. Be sure that adequate clearance is maintained for raising the glass sunroof, and that objects do not project into the opening path of the luggage compartment lid.

Secure roof-mounted cargo correctly and securely to prevent it from shifting or falling off during the trip.

Drive smoothly. Avoid sudden acceleration and braking maneuvers. Take corners gently.





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 the 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 for several seconds to allow the contents of the DVD to be read in.

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 blocked. 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 change 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 the following options:

- ▷ Entering a destination manually, see below
- ▷ Entering a destination by voice commands*, refer to page 128
- ▷ Selecting destination using information, refer to page 130
- ▷ Selecting destination from a list, refer to Destination list, page 131
- ▷ Selecting destination from address book, refer to page 132
- ▷ Selecting home address, refer to page 134

After selecting your destination you can proceed to start the destination guidance, refer to page 136.

Operating navigation system

 Enter data only when the vehicle is stationary, and always give priority to the applicable traffic regulations 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 concept, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller to the right to call up "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 135. This allows you to enter different spellings and completes your entry automatically so that stored names can be called up quickly.

1. If necessary, move the highlight marker to the uppermost field. Turn the controller until "Navigation" is selected and press the controller.
"New destination" is selected.
2. Press the controller.



3. Select "Enter address" and press the controller.

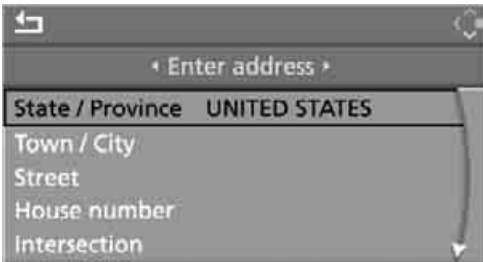


The system also supports you with the following features:

- ▶ 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 locality if the current entries should be retained for your new destination.

Selecting country

1. Select "State / Province" or the country displayed and press the controller. The list of available countries appears on the display.



2. Select the country of destination and press the controller.

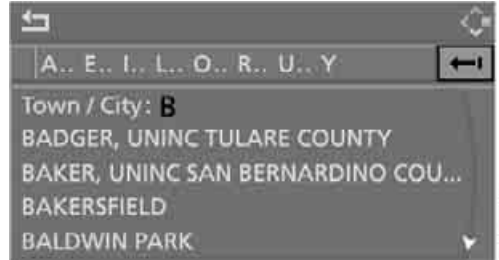
At least the town/city of the destination or its zip code must be entered in order to start the destination guidance.



Entering destination by town/city name

1. Select "Town / City" or the town/city displayed and press the controller.
2. Select the starting letter and press the controller.

A list of all towns/cities starting with this letter appears on the Control Display.

3. To delete letters, if necessary:



- ▶ To delete individual numbers or letters: Move the controller toward the right to select  and press the controller.
- ▶ To delete all numbers or letters: Move the controller toward the right to select  and hold the controller down.

4. If necessary, enter more letters. The list gradually grows smaller each time you enter a new letter.
 - ▶ To enter spaces, if necessary: Select the _ symbol and press the controller.



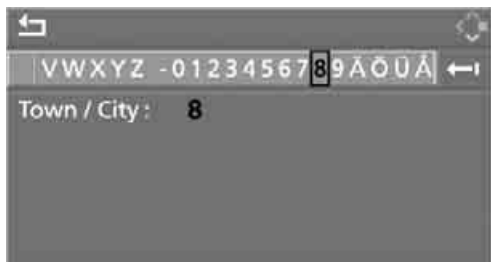
5. If necessary, move the highlight marker to the third field from the top. Turn the control-

ler until the city or town name is selected from the list and press the controller.



Entering destination by zip code

1. Select "Town / City" and press the controller.
2. Enter the zip code:
Select the desired digits and press the controller.



- ▷ To enter spaces:
Select the _ symbol and press the controller.
- ▷ To delete individual numbers or letters:
Move the controller toward the right to select ←, and press the controller.
- ▷ To delete all numbers or letters:
Move the controller toward the right to select ←, and hold the controller down.

3. Select the zip code and press the controller. The corresponding destination is displayed.
4. Move the highlight marker to 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 street displayed and press the controller.
2. Enter the street.
The street is entered in the same manner as the town or city.




The intersection is entered in the same way as the street.

Entering a street without entering a town/city

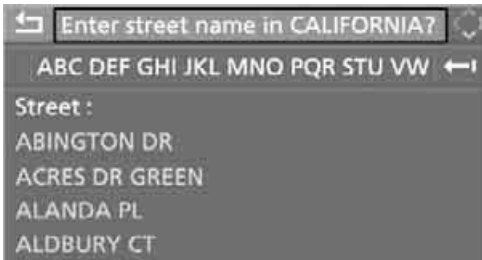
You can also enter a street without specifying a town/city. In this case, all streets of the same name in the designated country are offered. The corresponding town/city is displayed after the street name.

If a town/city has already been entered, you can negate this entry. This could be helpful in instances where the desired street does not exist in the entered town/city because it belongs to another suburb, for example.

1. Move the highlight marker to the uppermost field.
 The arrow is highlighted.



2. Move the controller to the right until you see a request to enter a street in the country and press the controller.



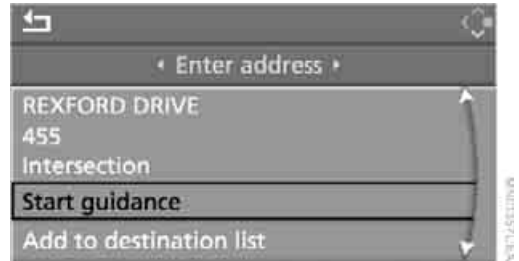
3. Switch to the second field from the top and enter the street.

Entering a house number

1. Select "House number" and press the controller.
2. To enter the house number: Select the desired digits and press the controller.
3. Move the highlight marker to 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 you do not want to start destination guidance right away:


Select "Add to destination list" and press the controller.

The destination is stored in the destination list, refer to page 131.

Entering a destination by voice commands*

With the Professional navigation system, you can enter a desired destination via the voice command system. During the destination input, you can switch between voice entry and entry via iDrive at any time. To do so, reactivate the voice command system if necessary.

 You can have the possible commands read aloud via ›Options‹. ◀

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

 2. ›Enter address‹




Selecting country

 Say the destination country.

Say the destination country in the language of the voice command system.


Entering destination

To enter a destination, spell it in the way it is commonly spelled in the destination country. Pronounce the letters smoothly and at normal volume, avoiding excessive emphases and pauses.

-  1. To spell the name of a town/city:
Say at least the first three letters of the town/city. The more letters you say, the more accurately the system will recognize the town/city.

The system can suggest up to 20 destinations that meet your entries. Up to 6 entries at a time appear on the Control Display.



 The system suggests a location.

2. Selecting location:
›Yes‹
or
select another location:
›No‹
Select entry, e.g. ›Entry 3‹
The following options are available:
›Next page‹: further list entries are shown.
›Repeat‹: the town/city can be respelled.


The town/city can also be selected 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 town/city.

To enter the house number:

 Say the house number.

House numbers of up to 4 digits can be entered.


Starting destination guidance

 ›Start guidance‹

Destination guidance starts immediately.

Storing destinations

Destinations are added to the destination list or can be stored in the address book.

 ›Add to destination list‹ or
›Add to address book‹

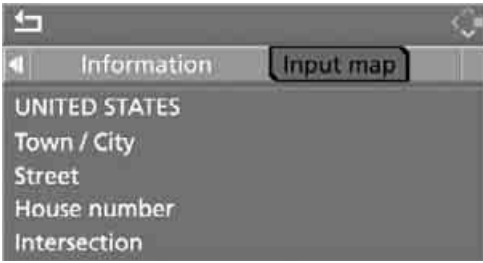
Map-guided destination selection

If you only know the location of the town or street of the destination, then you can enter the destination by using a map. You can use the cross-hairs to limit the destination on the map and then adopt it for 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.



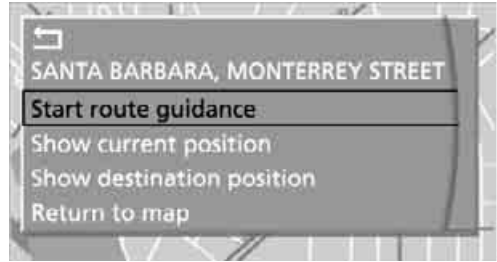
A section of a map is displayed on the Control Display:

- ▷ During destination guidance, around the current destination
- ▷ With the destination guidance deactivated, around the last destination entered



4. Turn the controller to adjust the scale. To move the map, move the controller in the desired direction. The controller can be moved to the left, right, forwards, backwards and also diagonally.
5. Press the controller to adopt it for destination guidance or to store it. The selected destination and other menu items are displayed.

6. Select the desired menu item:
 - ▷ "Start route guidance" starts destination guidance.
 - ▷ "Show current position" places your current position at the center of the map.
 - ▷ "Show destination position" places the current destination at the center of the map.
 - ▷ "Return to map" changes back to the "Input map".
 - ▷ Exit the menu.



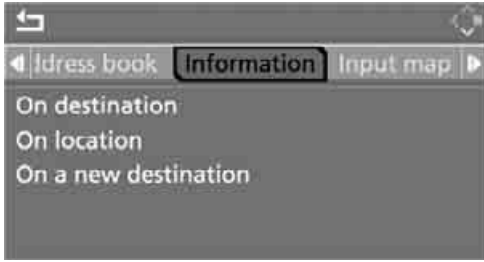
7. Press the controller. The map for destination entry can also be called up in the map display: Select the symbol and press the controller.

Selecting destination using information

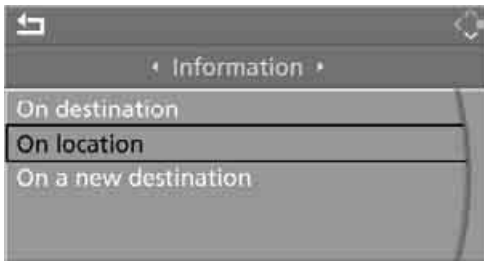
You can obtain a display of selected destinations, e.g. hotels, sights or hospitals, and adopt them for destination guidance.

1. Select "Navigation" and press the controller. "New destination" is selected.
2. Press the controller.

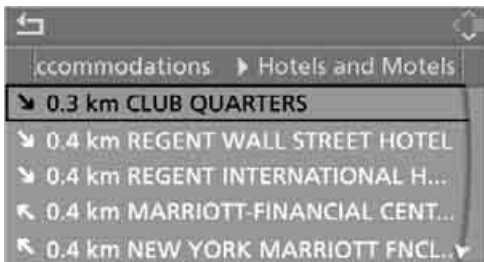
3. Select "Information" and press the controller.



4. Selecting 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 appear on the Control Display, which are sorted alphabetically or according to distance.




7. Select a destination and press the controller.
8. Select a menu item:
 - ▷ To transfer the address to the destination list and start 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 system are shown in the destination list. You can call up these destinations and adopt them for destination guidance.

If you are planning a longer journey, for example, you can store all the destinations you wish to drive to in the destination list in advance, refer to Entering a destination manually on page 125.

Select "Navigation" and press the controller.



The destination last entered is listed first in the destination list.

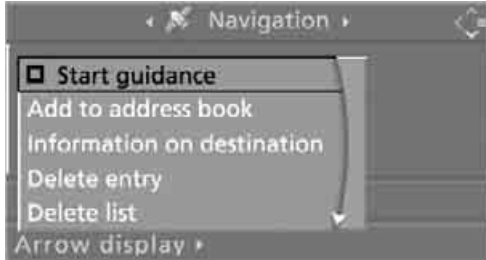
➡ This symbol indicates the current destination.

To show other destinations in the destination list:

Turn the controller.

Adopting destination for destination guidance

1. Select the desired destination from the destination list and press the controller.
2. Select "Start guidance" and press the controller.



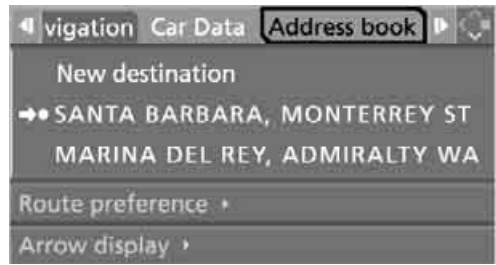
Editing the destination list

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". The destination guidance is switched off.
 - ▷ To change the entry: Select "Edit". For operation, refer to Entering destination by town/city name, page 126.
3. Press the controller.

Address book

Opening address book

iDrive concept, refer to page 16.

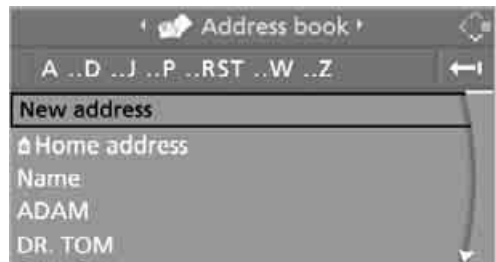


Select "Address book" and press the controller.

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 name and address.
5. Select "Store in address book" and press the controller.
The entry is stored in the address book.

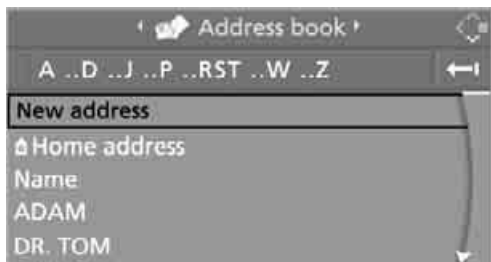
You can also store a destination from the destination list in the address book, refer to page 131.

Storing current position*

The current position can be adopted into the address book.

1. Select "Address book" and press the controller.
2. Move the highlight marker to the third 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 125.
4. Select "Store in address book" and press the controller.

You can also enter your current position into the address book if you have left the area covered by the navigation DVD. In this case, you must enter a name.

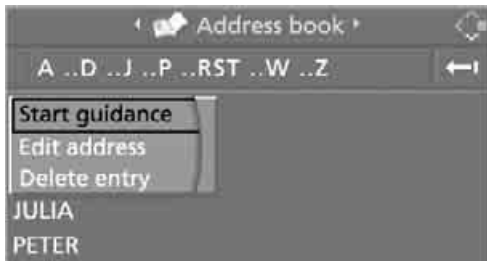
Selecting destinations from address book

1. Select "Address book" and press the controller. The stored entries appear on the Control Display.



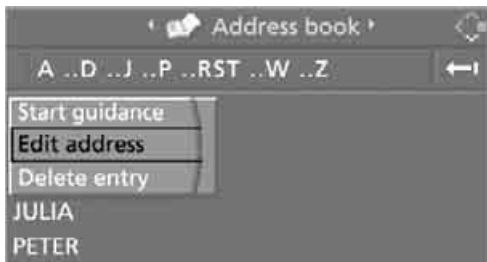
2. Select the entry and press the controller.

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.

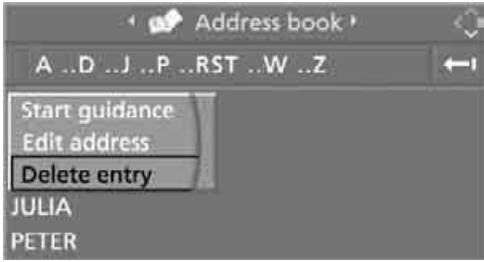


4. Change entry. For operation, refer to Entering a destination manually, page 125.

Deleting individual destinations from address book

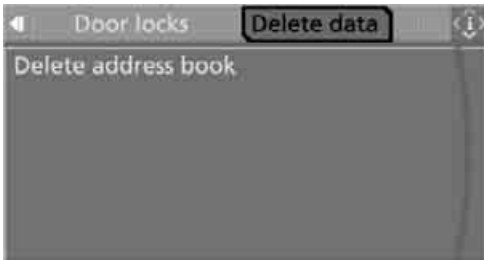
1. Select "Address book" and press the controller.
2. Select the entry and press the controller.

3. Select "Delete address" and press the controller.



Deleting all destinations from address book

1. Open the 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.



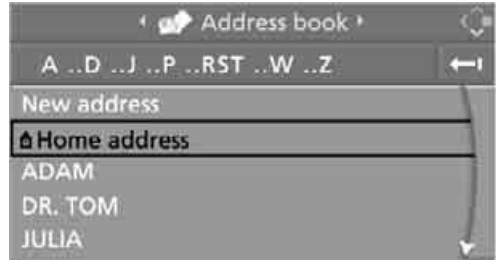
5. Select "Delete address book" and press the controller.
6. Select "Yes" and press the controller.

Storing home address

You can store your current position or the current destination as the home address in the address book. This entry occupies the second position in the address book.

1. Select "Address book" and press the controller.
2. Move the highlight marker to the third 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.

In order to accept 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 125.

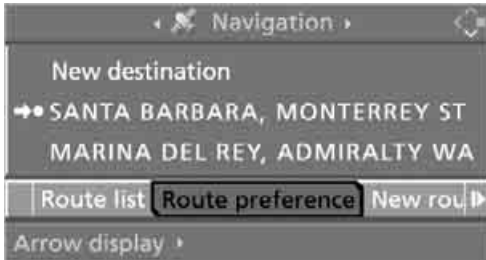
Route selection

You can influence the calculated route by choosing certain route criteria. You can change the route criteria as often as you like during destination entry or during destination guidance.

The route is planned according to fixed rules. The type of road is taken into account, e.g. whether it is a highway or a winding road. 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. Move the highlight marker to 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"
Highways and major traffic arteries are given priority.
 - ▷ "Avoid highways"
Highways are avoided as far as possible.
 - ▷ "Fast route"
The fast route, being a combination of the shortest possible route and the fastest roads
 - ▷ "Short route"
Short route, irrespective 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"
Toll roads are avoided as far as possible.
 - ▷ "Avoid ferries"
Ferries are avoided as far as possible.

To exit from the menu:

Select the  arrow and press the controller.

With the Professional navigation system, the route criteria can also be changed in the arrow or map display:

 Select the corresponding symbol and press the controller.

Word-matching principle

The system's word-matching principle makes it easier for you to enter the names of streets or towns. The system runs ongoing checks, comparing your destination entries with the data stored on the navigation DVD as the basis for instant response. The benefits for you include:

- ▷ Names of specific locations can also vary from the official versions if you are using a spelling that is customary in another country.

Example:

Instead of the German spelling "München" you can also enter the English spelling "Munich" or the Italian spelling "Monaco".

- ▷ When you are entering the names of towns 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 non-existent names and addresses.

Destination guidance

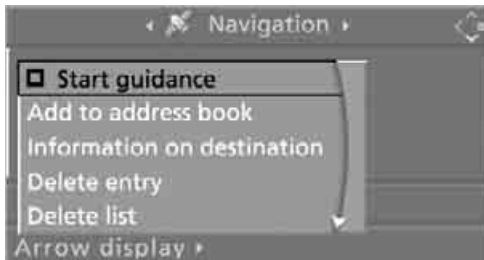
Starting destination guidance

iDrive concept, refer to page 16.

1. If necessary, move the highlight marker to the uppermost field. Turn the controller until "Navigation" is selected and press the controller.
2. Select the destination from the destination list and press the controller or enter a new destination, refer to page 125.




3. Select "Start guidance" and press the controller.



After the route has been calculated, destination guidance is indicated by arrows or a map on the Control Display.

The destination guidance can also be started in the arrow or map display:


Select the  symbol and press the controller.

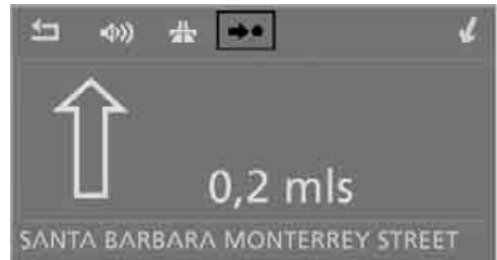
During destination guidance, you can operate other equipment items at any time via iDrive. You will be notified in time of any necessary change of direction by means of spoken

instructions and the display of the direction arrow.


Terminating/continuing destination guidance

In the arrow or map display

Select the  symbol and press the controller.



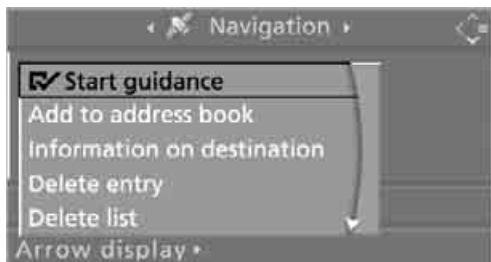
In the destination list

 This symbol indicates the current destination.

1. Select the current destination and press the controller.



2. Select "Start guidance" and press the controller.



If you did not reach your destination before the end of your last journey, the following question will appear in the display at the start of the next journey:


"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 Convenient call-up of menu items on page 18. ◀

Displaying arrow view

1. Select "Navigation" and press the controller.
2. Move the highlight marker to the fourth field from the top. Turn the controller until

"Arrow display" is selected and press the controller.



The arrow display is shown.



- 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 location
- 7 Direction of travel
 - ▷ Outline of an arrow: Destination guidance on the calculated route
 - ▷ Solid arrow: Arrow points as the crow flies to the calculated route whenever the vehicle is not in an area recorded on the navigation DVD, e.g. in a parking garage.

Depending on your vehicle's equipment, the projected time of arrival and distance to the destination is displayed in the top or bottom line of the Control Display.

The arrows change appearance before a change of direction.



- 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 maps

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.
2. Move the highlight marker to the fourth field from the top. Turn the controller until the desired map view is selected:
 - ▷ "Map facing north"
 - ▷ "Map direction of travel"
 - ▷ "Perspective"



3. Press the controller.



- 1 Switching voice instructions on/off
- 2 Starting/stopping destination guidance
- 3 Map-guided destination selection
- 4 Showing/hiding information last selected, refer to Selecting destination using information on page 130
- 5 Changing map view
 - ▷ "Map facing north"
 - ▷ "Map direction of travel"
 - ▷ "Perspective"
- 6 Changing route criteria
- 7 Arrow to destination as the crow flies

The projected time of arrival and distance to the destination is displayed 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.

To change scale

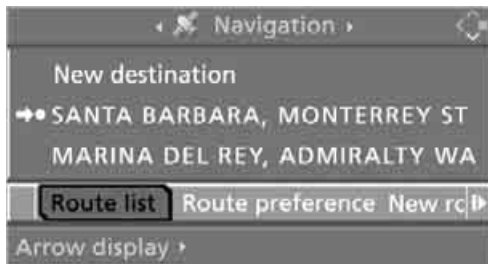
Turn the controller to adjust the scale.


Displaying towns/cities and streets along the route

You can have the roads and towns along the route displayed during destination guidance.

The distances remaining to be traveled within each section of the route are also displayed.

1. Select "Navigation" and press the controller.
2. Move the highlight marker to the third field from the top. Turn the controller until "Route list" is selected and press the controller.




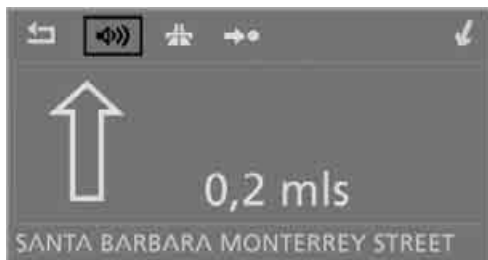
To exit from the menu:
Select the  arrow and press the controller.

Destination guidance through voice instructions

Switching voice instructions on/off

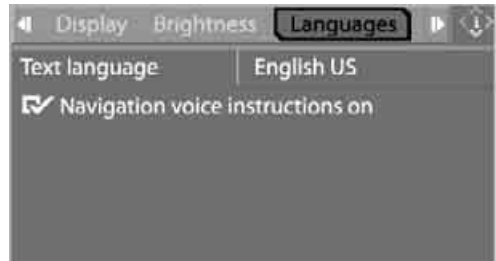
Voice instructions can be switched on or off during the destination guidance in the arrow or map view:

Select the  symbol and press the controller.

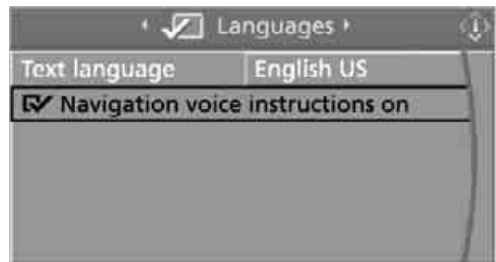



To switch the voice instructions on/off at any time:

1. Open the 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. If necessary, move the highlight marker to the uppermost field. Turn the controller until "Languages" is selected and press the controller.



5. Select "Navigation voice instructions on" and press the controller.



 The voice instructions are switched on.

Repeat voice instructions and cancel

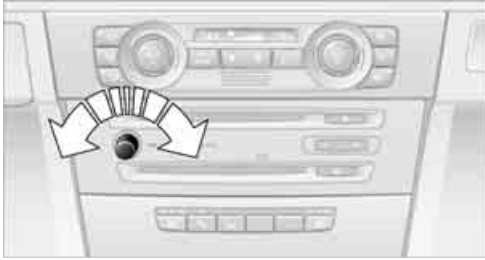
With the programmable buttons on the steering wheel, you can also execute the following functions, refer to page 47:

- ▷ Repeat the voice instruction:
Press the button.
- ▷ Switch voice instructions on/off:
Press the button for a longer period.

Adjusting volume of voice instructions

The volume can be adjusted only while a voice instruction is being issued.

1. Repeat the last voice instruction, if necessary.
2. Turn the button during the voice instruction to select the desired volume.



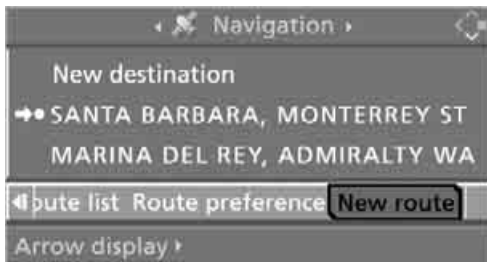
This volume is independent of the volume of the audio sources.

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. Move the highlight marker to 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.

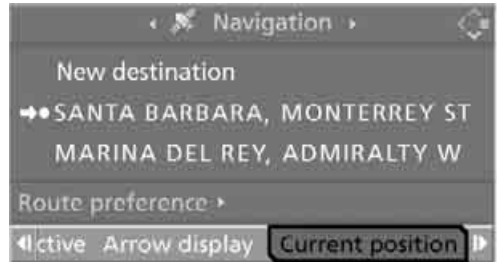
To exit from the menu without changing the route:

Select the  arrow and press the controller.

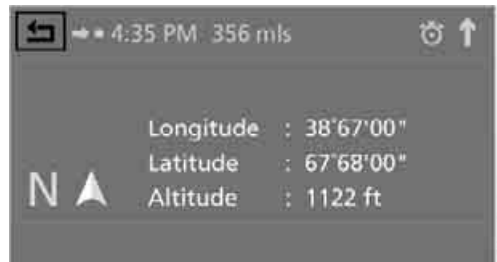
Displaying current position

You can have your current position displayed even when the destination guidance is switched off.

1. Select "Navigation" and press the controller.
2. Move the highlight marker to 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 138.

What to do if ...

What to do if ...

- ▷ a navigation DVD is inserted, but an instruction to insert the DVD appears on the Control Display?
The navigation DVD may not be the correct DVD for the navigation system. This information is indicated on the DVD label.
- ▷ 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 owing 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 when you are in the open.
- ▷ the destination guidance does not accept a destination?
The data of the destination is not stored on the navigation DVD that is loaded. Choose a destination as close as possible to the original one.
- ▷ the destination guidance does not accept an address 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 in the selected town, and 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. Choose a destination as close as possible to the original one.
- ▷ 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 naviga-

tion 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 was disconnected, it takes about 10 minutes before the system is once again operational.





Entertainment

Operation of the radio and CD equipment as well as their tone settings are described in this chapter.

On/off and settings

The following audio sources have shared controls and setting options:

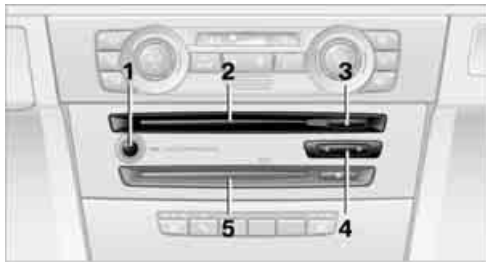
- ▷ Radio
- ▷ CD player
- ▷ CD changer*

Controls

The audio sources can be operated using:

- ▷ Buttons near the CD player
- ▷ iDrive
- ▷ Buttons on the steering wheel, refer to page 11

Buttons near the CD player



- 1 Sound output for entertainment 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 DVD

Operation via iDrive

iDrive concept, refer to page 16.

1. Press the **MENU** button. This opens the start menu.
2. Move the controller backwards to call up "Entertainment".



You have the following choices:

- ▷ "FM" and "AM": radio reception
- ▷ "WB": Weather Band station
- ▷ "SAT": satellite radio
- ▷ "CD": CD player or changer
- ▷ "Audio Aux": external audio device
- ▷ "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 Convenient call-up of menu items on page 18. ◀

The selected audio source is stored for the remote control currently in use.

Switching on/off

In order to switch the entertainment sound output on and off:

Press button 1 on the CD player.

This symbol on the Control Display indicates that sound output is switched off.

Adjusting volume

Turn knob **1** on the CD player until the desired volume is obtained.

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

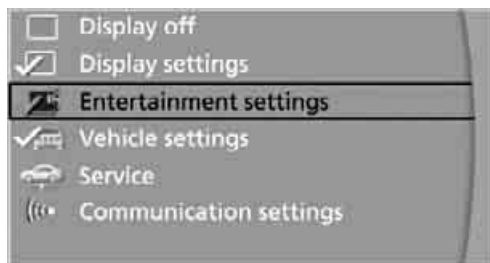
You can alter various tone settings, e.g. treble and bass or the speed-dependent volume increase.

The tone settings are applied to 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 if you have called up "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 driving speed. You can set various stages for the increase in volume.

1. Select "Speed volume" and press the controller.



2. Turn the 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 the spatial sound effect:
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 setting.

1. Open 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.
5. Select "Reset" and press the controller.



Radio

Your radio provides reception of the FM and AM wavebands:

Listening to the radio



Press the button if the sound output is switched off.

iDrive concept, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller backwards to call up "Entertainment".
3. If necessary, move the highlight marker to the uppermost field. Select "FM" or "AM".



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 show a station in the AM waveband or if the displayed stations are no longer receivable, update the stations with the strongest received signal, refer to page 149.

Changing stations



Turn the controller.

Buttons on the CD player

Press the button for the corresponding direction.

The system switches to the next displayed station.

You can also change the station with buttons on the steering wheel, refer to page 11.

Changing selection criteria

In addition to the stations currently displayed, you can have stations with another selection criterion displayed.

You can choose from the following selection criteria:

- ▷ "All stations":
Stations that can currently be received on the "FM" waveband.
- ▷ "Autostore":
The stations with the strongest received signals in the "AM" waveband.
- ▷ "Presets":
Stations you have previously stored, refer to page 150.

To change the selection criterion:

1. Move the highlight marker to the second field from the top.
2. Choose a selection criterion and press the controller.



Sampling stations, scan

The stations on the current waveband are automatically sampled in succession.

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 on the CD player

 To start scan, hold down the corresponding direction button.

To stop scanning, 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. Move the highlight marker to 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 on a longer journey you move out of the reception range of the stations originally received, you can update the list of stations received with the strongest signals in the AM waveband.

1. Select "AM" and press the controller.
2. Move the highlight marker to 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.

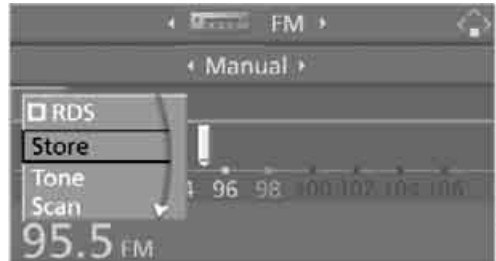
Storing stations

1. Select "FM" or "AM" and press the controller.
2. Move the highlight marker to the second field from the top. Turn the controller until the desired selection criterion is chosen 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 channels of the last selection criterion are displayed once 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. Where reception is poor or in the event of interference, it may take some time before the station names will appear in the display.

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.

Weather reports*

Weather Radio is a service provided by the National Oceanic and Atmospheric Administration (NOAA) of the US Department of Commerce. Weather reports are repeated every four to six minutes and routinely updated in intervals of one to three hours, or more frequently if necessary. Most stations operate 24 hours a day. In the event of storms, the National Weather Service interrupts the routine weather reports to broadcast special warnings. If you have any questions regarding NOAA Weather Radio, please contact your local National Weather Service office. You can also obtain more information from the Internet at www.nws.noaa.gov.

Calling up weather reports

1. Select "WB" and press the controller.



2. Select the station.

The station for weather reports may be unavailable in some regions.

High Definition Radio*

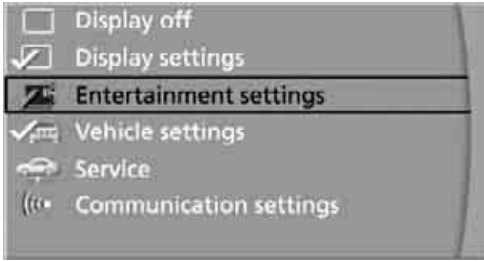
Many stations transmit analog as well as digital signals. You can receive these stations digitally, resulting in better sound quality.

Switching digital radio reception on and off

iDrive concept, 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.
 Digital radio reception is switched on.

H) This symbol appears in the display when a station is being received digitally.



Some stations do not transmit digital signals simultaneously with analog signals. If you are driving through an area in which digital signals are not consistently received from the selected station, the system switches between analog and digital reception. This can result in repetitions or interruptions. In such cases, it may be advisable to switch off digital radio reception.

Updating digitally receivable stations

If on a longer journey you move out of the reception range of the stations originally received, you can update the list of stations received with the strongest signals.

1. Select "FM" or "AM" and press the controller.



2. Move the highlight marker to 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 digitally receivable stations is updated. This can take up to 2 minutes.

Displaying additional information

With digital stations, additional information on the current track can be displayed, e.g. the name of the artist.

1. Select the station and press the controller.
2. Select "Details" and press the controller.



 The information is displayed.




If another digital station is received after changing the station, the additional information will be shown again after a short pause.

Satellite radio*

You can receive over 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, signal losses can occur from time to time and result in audio interruptions. ◀

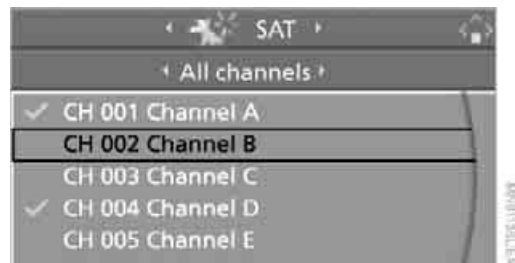
Enabling or disabling channels

iDrive concept, refer to page 22.


1. Press the **MENU** button.
This opens the start menu.
2. Move the controller backwards to call up "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.

 The electronic serial number is required to enable or disable. ◀

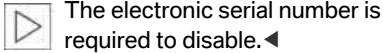
2. To enable the channel:
Dial the phone number.

Disabling

1. Select an enabled channel and press the controller.



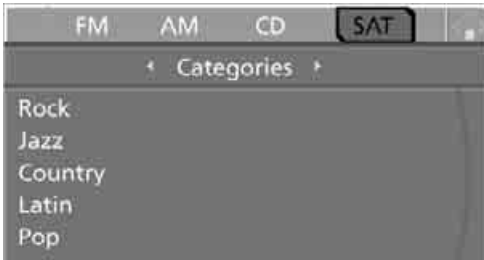
2. Select "ESN" and press the controller. The electronic serial number, ESN, is displayed.



3. To disable the channel: Dial the phone number.

Selecting and storing a 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 categories, e.g. news, jazz.

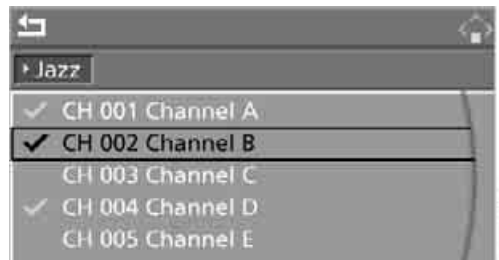


3. Press the controller.
4. If "Categories" has been selected: Select the desired category and press the controller.

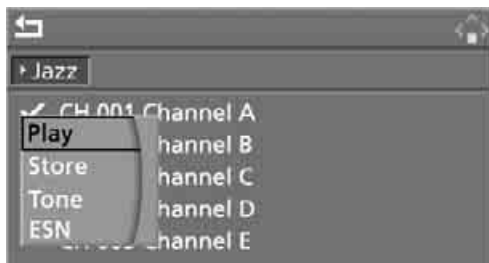


The channels of this category are displayed.

5. ✓ Select a channel marked with this symbol.



- Press the controller. Other menu items are displayed.
- Select "Play" and press the controller.



Additional information

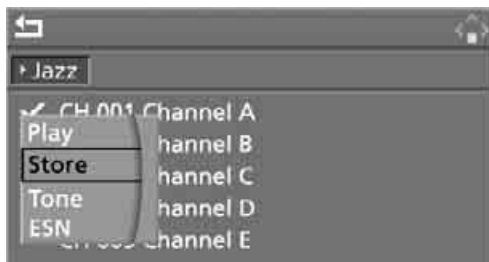
The name of the channel and additional information on the current track are displayed, e.g. the name of the artist.



- Artist
- Track

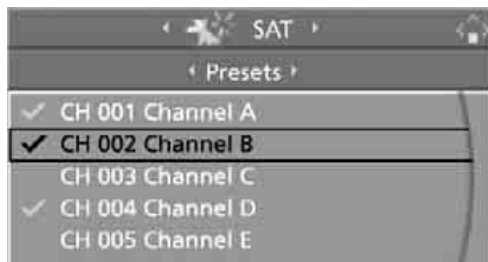
Storing a channel

- Select the desired channel.
- Press the controller. Other menu items are displayed.
- Select "Store" and press the controller.




"Presets" is displayed.

- Turn the controller to select a memory location and press the controller.




The channel is stored. The channels of the last selection criterion are displayed once again after a short time.

Changing channels with buttons on 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 four seconds, a message will appear on the Control Display.

 Under some circumstances, e.g. depending on environmental influences or topographic conditions, it may not be possible to receive any signal. The satellite radio cannot influence this.

A signal may not be available in tunnels or underground garages, next to high-rise buildings, in the vicinity of trees, mountains or other strong sources of radio interference.

Reception usually resumes as soon as the signal becomes available again. ◀

CD player and CD changer*

Listening to CDs



Compressed audio files*

CDs with compressed audio files, MP3s, can be played by the CD player and CD changer.

Starting the CD player

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. When playing CDs with compressed audio files, it can take the CD player 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:

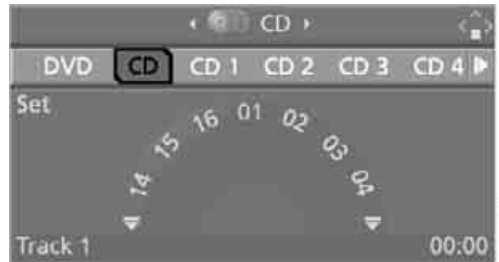
iDrive concept, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller backwards to call up "Entertainment".

3. If necessary, move the highlight marker to the uppermost field. Select "CD" and press the controller.



4. If necessary, move the highlight marker to the second field from the top. On cars with a CD changer, select "CD" and press the controller to start the CD player.

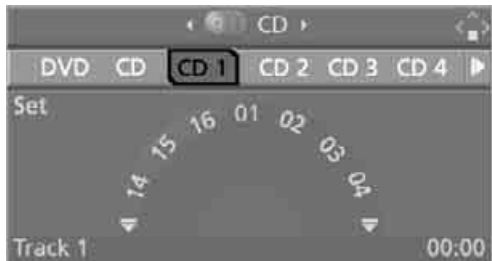


Playback starts automatically if the sound output is switched on.

Starting the CD changer

1. Fill and insert the CD magazine, refer to page 160.
2. Press the **MENU** button.
This opens the start menu.
3. Move the controller backwards to call up "Entertainment".
4. If necessary, move the highlight marker to the uppermost field. Select "CD" and press the controller.

- If necessary, move the highlight marker to the second field from the top. Select the desired CD and press the controller.




At the end of the last track, the next CD is selected and played.

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 on the CD player

Press the  button for the appropriate direction as often as necessary until the desired track on the current CD is reached.

The CD starts 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

Turn the controller to select a track.

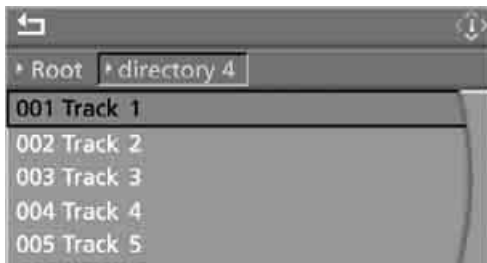


Compressed audio files*

- Select a directory, if appropriate, and press the controller.



- Select a track and press the controller.

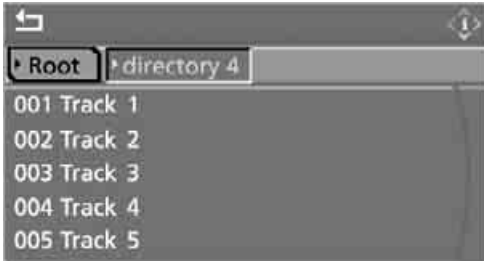



- Select "Play" and press the controller.



To change the directory:

Select the directory and press the controller.

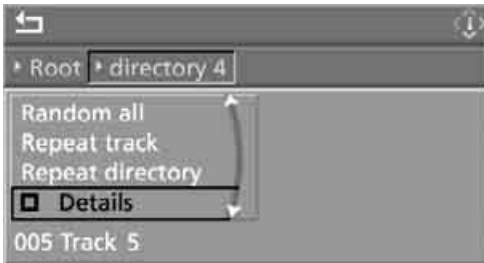


To exit from the menu:
Select the  arrow and press the controller.

Displaying information about the track*

With compressed audio files, any information about the current track that has been recorded can be displayed, e.g. the name of the artist.

1. Press the controller.
2. Select "Details" and press the controller.



The information is shown for the current track.
The setting is stored for the remote control currently in use.

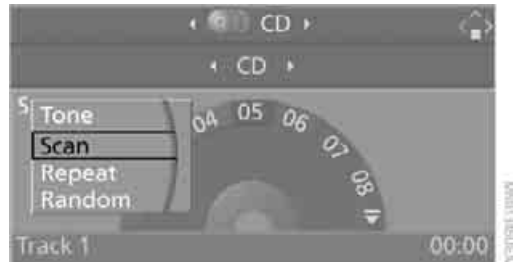
Sampling tracks, Scan

All tracks on the current CD are automatically sampled once in succession.

1. Select "Set" and press the controller.
Other menu items are displayed.



2. Select "Scan" and press the controller.



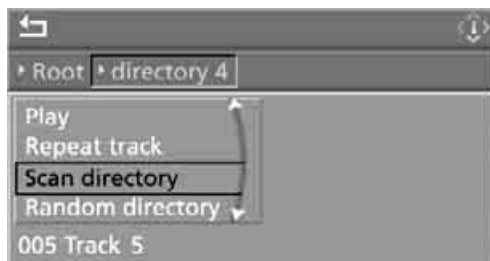
To stop the scan:

1. Press the controller.
2. Select "Scan" and press the controller.

Scan is interrupted and the selected track is retained.

Compressed audio files*

1. Select the current track and press the controller.
2. Select the desired menu item:
 - ▷ To sample all the tracks in the current directory, select "Scan directory" and press the controller.
 - ▷ To sample all the tracks on the CD, select "Scan all" and press the controller.



Stop sampling:

1. Press the controller.
2. Select "Scan directory" or "Scan all" and press the controller.

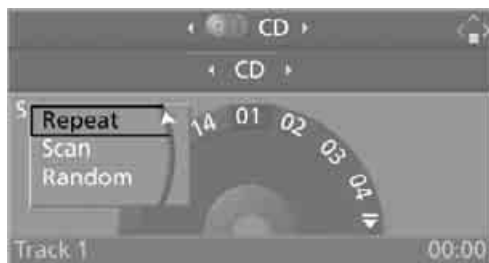
Sampling is interrupted and the selected track is retained.

Repeating tracks

1. Select "Set" and press the controller. Other menu items are displayed.



2. Select "Repeat" and press the controller.



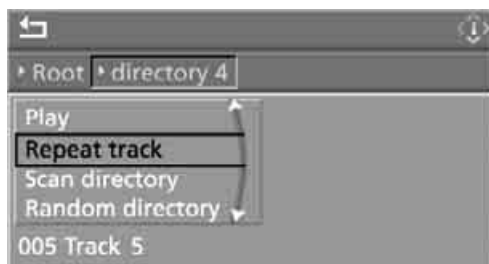
The current track on the CD is repeated.

Stop repeating:

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 the tracks in the current directory, select "Repeat directory" and press the controller.



Stop repeating:

1. Press the controller.
2. Select "Repeat track" or "Repeat directory" and press the controller.

Random play sequence

The tracks on the current CD are played once each in random order.

1. Select "Set" and press the controller. Other menu items are displayed.
2. Select "Random" and press the controller.

Stop random function:

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 the tracks in the current directory in random order, select "Random directory" and press the controller.
 - ▶ To play all the tracks on the CD in random order, select "Random all" and press the controller.

Stop random function:

1. Press the controller
2. Select "Random directory" or "Random all" and press the controller.

Fast forward/reverse

Buttons on the CD player:

 Press and hold the button for the corresponding direction. The tracks can be heard, but reproduction is distorted.

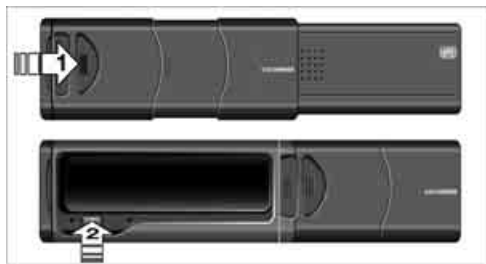
CD magazine



The BMW CD changer for six CDs is behind the left side panel in the luggage compartment.

Removing the CD magazine

To insert or remove CDs from the CD magazine, you must first remove it from the CD changer:



1. Push the cover to one side, arrow 1.
2. Press the button, arrow 2. The CD magazine is ejected.

Inserting/removing CDs from the CD magazine



When loading CDs into or removing them from the CD magazine, hold them at their edges and do not touch the reflective signal-sensing area.

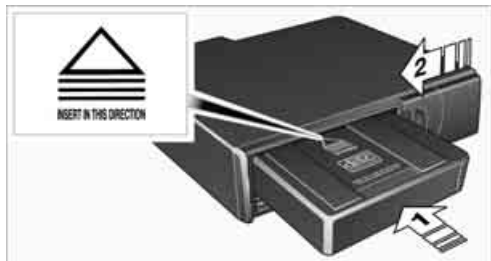
Inserting CDs:

Insert the CD in its slot with the label side on top.

Removing CDs:

Pull out the desired drawer, refer to arrow, and remove the corresponding CD.

Inserting the CD magazine



Insert the CD magazine all the way in the direction of arrow **1** and close the cover, arrow **2**.

The CD changer automatically reads in the loaded 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/DVDs with labels applied as these can become detached during playback due to heat build-up and can cause irreparable damage to the device. Only use round CDs/DVDs with a standard diameter of 12 cm and do not play CDs/DVDs with an adapter, e.g. Single-CDs, otherwise the CDs or the adapter can jam and will no longer eject. 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.

Self-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 high age of the CD/DVD blank.

Only label CDs/DVDs on the top, with a pen designed for this purpose.

Damaged CDs/DVDs

Avoid leaving fingerprints, as well as dust, scratches or moisture on the CDs/DVDs. Keep CDs/DVDs in protective sleeves or cases. Do not subject CDs/DVDs to temperatures over 120 °F /50 °C, high levels of humidity or direct sunlight.

CDs/DVDs with copy protection

CDs/DVDs are often copy-protected by the manufacturer. This can mean that some CDs/DVDs cannot be played or can only be played to a limited extent.

Care

Clean the reflective signal side of CDs/DVDs as needed by wiping it with a commercially available cleaning tissue in straight lines from the center of the disc outwards.

External audio device

You can connect an external audio device, for instance an MP3 player, and play audio tracks over the car's loudspeaker system. You can adjust the tone using iDrive.

Connecting

Lift up the center armrest.



- 1 Power supply for your external audio device:
Socket with removable cap
- 2 Connection for audio playback:
3.5 mm cinch connector

To play audio tracks through the car's loudspeaker system, connect the headset or line-out port of the external device to connection **2**.

Starting audio playback

The audio device must be switched on.

iDrive concept, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller backwards to call up "Entertainment".

3. Select "Audio Aux" and press the controller.



4. Adjust volume and tone, if necessary.



Communications

This chapter describes how to use the telephone, BMW Assist and TeleService.

Telephoning*

The concept


Your BMW is equipped with a full mobile phone preparation package. After pairing a suitable mobile phone with the vehicle once, you can operate the mobile phone via iDrive, the buttons on the steering wheel or via voice commands.

Once a mobile phone has been paired with your vehicle, it is automatically recognized as soon as it is inside the vehicle while the engine is running or the ignition is switched on. You can store the pairing data for up to four mobile phones simultaneously. If several mobile phones are detected at the same time, the mobile phone last paired can be operated via the vehicle.

Using the telephone inside the vehicle

Using the snap-in adapter*


The so-called snap-in adapter, a holder for mobile phones, allows you to charge the mobile phone's battery and connect the mobile phone to your vehicle's outside antenna. This ensures better network reception and consistent reproduction quality. Please contact your BMW Center to find out for which mobile phones there are snap-in adapters available.

 BMW discourages the use of mobile phones or other mobile communications devices inside the vehicle without a direct connection to an outside antenna. Otherwise, interference between vehicle electronics systems and the mobile communications device cannot be ruled out. In addition, there is no assurance that the radiation which results from transmission will be dissipated from the vehicle interior. ◀

Avoid operating a mobile phone recognized by the vehicle via the mobile phone's keypad, otherwise malfunctions may result.

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 hands-free system instead. If you do not observe this precaution, your being distracted can endanger vehicle occupants and other road users. ◀

Suitable mobile phones

Please ask your BMW Center which mobile phones with Bluetooth interface are supported by the mobile phone preparation package and/or which mobile phones are compatible with the snap-in adapter. By virtue of their particular software versions, these mobile phones support the functions described in this Owner's Manual. Malfunctions may 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 Owner's Manual.

Operating options

You can operate the mobile phone* using:

- ▷ The steering wheel, refer to page 10
- ▷ iDrive, refer to page 170
- ▷ Voice commands, refer to page 174

Making calls with the car phone*: BMW Assist calls

You can use the car phone via the hands-free 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.

Start-up

Pairing the mobile phone with the vehicle

The following prerequisites must be met:

- ▷ The mobile phone is ready to operate
- ▷ The Bluetooth link in the vehicle, refer to page 169, and in the mobile phone are activated
- ▷ Depending on the mobile phone, some default settings may be necessary for the mobile phone: e.g. via the menu item Bluetooth switched on or the menu item Connection without confirmation.
- ▷ For pairing purposes, define any number as the Bluetooth passkey, e.g. 1. This Bluetooth passkey is no longer required after pairing has been successful.
- ▷ The ignition is switched on.

 Pair the mobile phone with the vehicle only when the car is stationary, to avoid endangering the car's occupants and other road users by being distracted. ◀

Switch on ignition

1. Insert remote control all the way into the ignition lock.
2. Switch on ignition without operating the brake or clutch or pressing the start/stop button.

Preparation via iDrive

iDrive concept, refer to page 16.

1. Press the **MENU** button to call up the start menu.



2. Call up 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 via the mobile phone

- Further steps must be carried out with the mobile phone and vary depending on the model. Please refer to your mobile phone's operating instructions, e.g. under the topics of Searching for a Bluetooth device, Connecting or Pairing.

Pairing

Depending on your mobile phone, you will see messages, first in the mobile phone's display or on the Control Display, requesting you to enter the same Bluetooth passkey previously determined by you.

Message on the Control Display if the Bluetooth passkey can be entered via iDrive:

- Select "Add device" and press the controller.



- Enter the Bluetooth passkey. Depending on the mobile phone, you will have approx. 30 seconds to enter your Bluetooth passkey on the mobile phone and the Control Display.



- Select "Confirm passkey" and press the controller.

- Wait several seconds until the list of paired mobile phones is displayed on the Control Display and "Phone" is selected.

To interrupt the mobile phone's pairing with the vehicle:

Select "Refuse connection" and press the controller.

The next time you use the mobile phone inside the vehicle, it will be recognized within no more than two minutes as long as the engine is running or the ignition is 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 transmitted to the vehicle. Refer also your mobile phone's operating instructions, if necessary. This data transfer depends on your mobile phone and can take several minutes; please refer to your mobile phone's operating instructions, if necessary.

Up to four mobile phones can be paired, one after the other. If a fifth mobile phone is paired, the pairing data for the last mobile phone on the list is deleted, refer also to the information below.

List of paired mobile phones

All mobile phones with pairing data stored by the vehicle can be displayed. If several mobile phones are detected by the vehicle at the same time, the mobile phone at the top of the list can be operated via the vehicle.

You can change the order of the mobile phones on the list. As long as a mobile phone from this list is selected, you cannot operate the mobile phones via the vehicle.

iDrive concept, refer to page 16.

- Press the **MENU** button to call up the start menu.
- Call up the **i** menu by pressing the controller.
- Select "Communication settings" and press the controller.
- Select "Bluetooth" and press the controller.
- Select "Phone" and press the controller.

6. Select the desired mobile 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 moves up one position on the list.



7. Select "Delete device" and press the controller. The unpaired mobile phone is deleted from the list. The phone book entries which were transferred from your mobile phone to the vehicle are also deleted in the process.




Unpairing the mobile phone from the vehicle

Should you no longer wish to operate your mobile phone via the vehicle, you can delete the mobile phone's pairing data.

iDrive concept, refer to page 16.

1. Press the **MENU** button to call up the start menu.
2. Call up 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.

Activating/deactivating the Bluetooth link

 The use of Bluetooth technology is not permitted in all countries. Observe all applicable local regulations. You can temporarily disconnect the Bluetooth link between the vehicle and the mobile phone, if necessary. ◀

If the Bluetooth link is deactivated, you can no longer operate the mobile phone via the vehicle, and other devices with a Bluetooth interface can be used in combination with the mobile phone, e.g. a laptop.

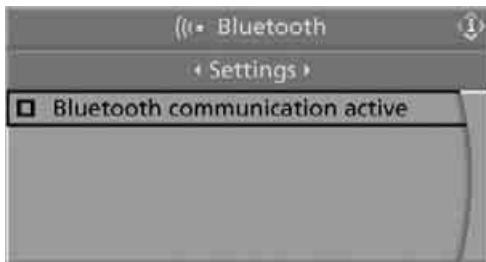
To temporarily deactivate the Bluetooth link between the vehicle and your mobile phone:

1. Take the mobile phone out of the snap-in adapter and switch it off.
2. Press the **MENU** button to call up the start menu.

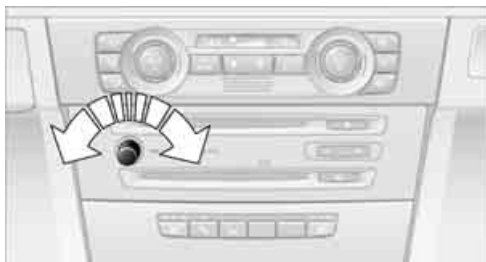
3. Select the **i** menu and press the controller.
4. Select "Communication settings" and press the controller.
5. Select "Bluetooth" and press the controller.



6. Select "Settings" and press the controller.
 The Bluetooth link is activated.
7. 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 hands-free 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 10.

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

Operation via iDrive

You can operate the following functions using iDrive:

- ▷ Dialing phone numbers
- ▷ Selecting phone numbers from the phone book
- ▷ Selecting stored phone numbers, e.g. from the list of accepted calls
- ▷ Ending a call

When the ignition and radio readiness are switched off, e.g. after taking the remote control out of the ignition switch, you can continue an ongoing call via the hands-free system for no more than 25 minutes.

Requirements

The mobile phone's pairing data are stored by the vehicle and the mobile phone is operational.

The engine is running or the ignition is switched on.

The mobile phone is recognized by the vehicle.

iDrive concept, refer to page 16.

1. Press the **MENU** button.



This opens the start menu.

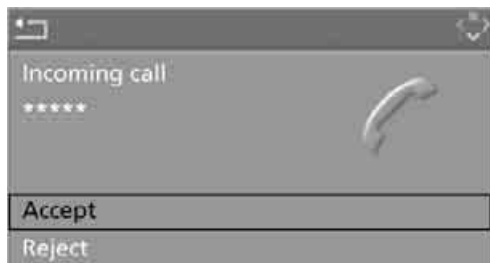
2. Move the controller forwards to call up "Communication".

Receiving calls

If you have the phone number of the caller stored in the phone book and the phone num-

ber 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 selecting the digits individually 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 numbers on the keypad of the mobile phone.

To delete an incorrect number or letter: Move the controller towards 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.



Selecting a phone number from the phone book or from a list of stored phone numbers

Phone numbers you have dialed, received calls and phone book entries are stored in lists when the mobile phone is connected to the vehicle via Bluetooth. If the caller is listed 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 in your mobile phone's phone book, consisting of names and phone numbers, are sorted alphabetically.
- ▷ "Top 8"
The eight numbers dialed most frequently from the "A - Z" phone book are automatically stored in the Top 8 list. The list is sorted by 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 rejected calls are stored. This requires the telephone number of the caller to have been transmitted.
- ▷ "Received calls"
The phone numbers of the last eight accepted calls are stored. This requires the telephone number of the caller to have been transmitted.

Selecting phone numbers from phone book

The "A - Z" list is available for your 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 initial 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 stored phone numbers from a list

To select an entry and establish a connection:

1. Select "Phone" and press the controller.
2. Select a list and press the controller:
 - ▷ "Top 8"
 - ▷ "Redial"
 - ▷ "Missed calls"
 - ▷ "Received calls"



3. Select the desired entry and press the controller.



4. Select "Call" and press the controller.
The system dials the number.

Deleting an individual entry

1. Select the desired entry from the list and press the controller.
2. Select "Delete" and press the controller.
The entry is deleted.



Deleting the entire list

1. Select an entry from the list and press the controller.
2. Select "Delete all numbers" and press the controller.



3. If applicable, select "Yes" and press the controller.
The list is deleted.

Touch tone dialing

Touch-tone code is required for access to network services or for controlling devices, e.g. for remote querying on an answering machine.

This function is available whenever there is a connection.

1. Establish connection.



2. Press the controller.
3. Select "Keypad" and press the controller.
4. Select the desired touch-tone button and press the controller.
Each selection is transmitted immediately

and is confirmed by a tone, depending on the type of mobile phone you are using.




Switching between mobile phone and hands-free system

From mobile phone to hands-free system

You can continue ongoing calls outside of the vehicle's Bluetooth range via the hands-free system as long as the engine is running or the ignition is switched on. Depending on your mobile phone, the system automatically switches to hands-free mode.

With mobile phones that do not automatically switch to hands-free mode:

- ▷ Depending on the type of mobile phone you are using, you can continue the conversation via the hands-free system, if necessary. Refer to the display on your mobile phone and/or your mobile phone's operating instructions.
- ▷ Press the  button above the storage compartment. The changeover can take several seconds.

From hands-free system to mobile phone

If you are making a call via the hands-free system, you can also continue the call via the mobile phone, if necessary, depending on your mobile phone model. Refer to the display on your mobile phone and/or your mobile phone's operating instructions.


Operation by voice commands*

The concept

You can operate your mobile phone without having to take a hand off the steering wheel. During your entries, you will be guided in many cases by announcements and questions.


The same prerequisites apply as for operation via iDrive, refer to page 170.

Symbols in the Owner's Manual


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

Saying commands

Activating the system

1. Briefly press the  button on the steering wheel.
A sound 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 commands


Briefly press the  button on the steering wheel or

-  ›Cancel‹.

In dialogs where text is spoken, e.g. a name rather than a command, canceling is only possible using the button on the steering wheel.

Having the possible commands read aloud

The system recognizes specific commands that must be pronounced exactly word for word. You can have the possible commands for any function read aloud to you:

-  ›Help‹


Using alternative commands

Often there is more than a single command to run a function, e.g.:

 ›Dial name‹ or ›Name‹.

Example: dialing phone numbers

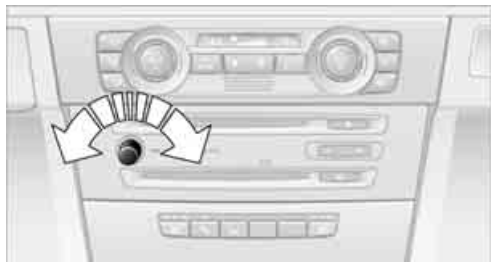
Start the dialog:

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.

Digits from zero to nine are recognized.

You can say each digit individually or group them into a sequence to accelerate the input.


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 numbers

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 entry

›Delete‹ is used to delete all the digits entered so far.

Voice phone book

The phone book entries can be called up automatically from your mobile phone's memory.

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 in preparation. To operate the mobile phone via the voice command system, refer to page 22. ◀

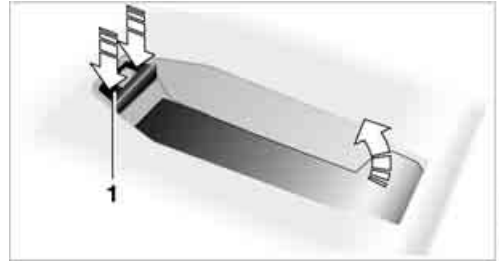
Important for voice commands

For voice commands, bear in mind the following:

- ▷ Pronounce the commands smoothly and at normal volume, avoiding excessive emphases and pauses.
- ▷ Keep the doors, windows and glass sunroof closed to prevent interference from outside noise.
- ▷ Avoid ambient noise in the vehicle while speaking.

Inserting/removing snap-in adapter

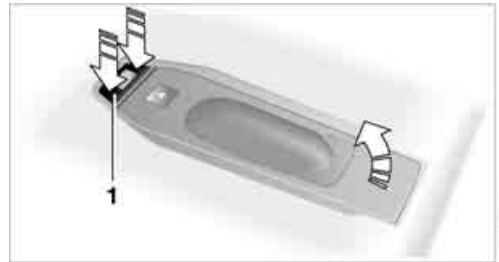
1. Press area **1** around the button and take off the cover.



2. Insert the snap-in adapter in the front and press it downward until it engages.



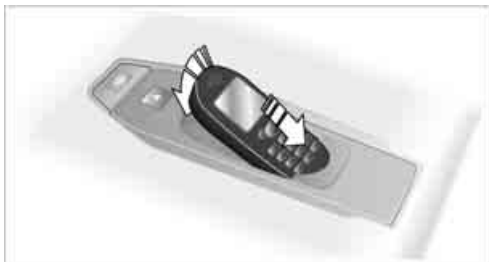
To remove the snap-in adapter:
Press area **1** around the button.




Inserting mobile phone

1. If applicable, remove the protective cap from the mobile phone's antenna connector so that the mobile phone can engage in the snap-in adapter.
2. With its buttons facing upward, slide the mobile phone up towards the electrical con-

tact points and press it downward until it engages.

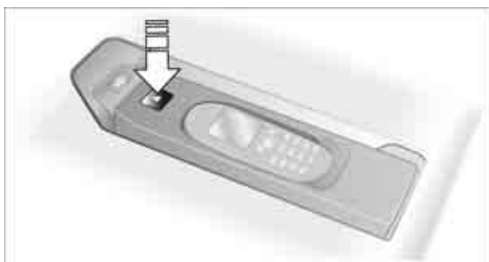


The mobile phone's battery is charged as soon as the vehicle is in radio readiness or the steering is unlocked.

 To conserve battery power, you should avoid using the mobile phone when the ignition is switched off. ◀

Remove the mobile phone

Press the button.



TeleService* , BMW Assist*

TeleService

TeleService supports you when communicating with a BMW Center. The built-in car phone can be used to transmit data on the service status of your vehicle or legally mandated inspections directly to your BMW Center. This is the same data that is also stored for CBS Condition Based Service in the remote control. Your BMW Center can then contact you, and you can make an appointment that suits you while you are still on the road. Your advantage here is that your BMW Center can prepare in advance for the required maintenance work. The TeleService functions are country-specific: depending on the country in which you are driving, data on your vehicle's service status or legally mandated inspections are transmitted to your BMW Center either automatically before a service due date or when you place a call 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.

A subscriber contract for BMW Assist must be signed and enabling must be completed before you can use BMW Assist.

If your subscription contract with BMW Assist expires, the car phone can be deactivated by a BMW Center without having to schedule an appointment at a workshop. Once the car phone has been deactivated, emergency calls are not possible. The car phone can be reactivated

by a BMW Center after signing a new contract.

You can also utilize BMW Assist services via the Internet. The range of services offered is expanded continually.

Requirements

You can use TeleService or BMW Assist when the following requirements are met:

- ▷ The installed car phone is logged on to a mobile 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.
- ▷ A GPS signal must be available in order for TeleService or BMW Assist to be enabled and updated.
- ▷ For BMW Assist: you must have applied for BMW Assist at your BMW Center or BMW customer service.

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 concept, refer to page 16.

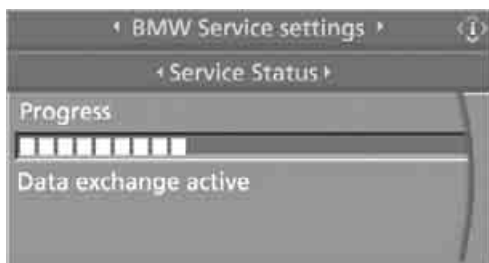
1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Communication settings" and press the controller.
4. Select "BMW Service settings" and press the controller.



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 enabling process continues to run in the background.

Services offered

The following special features apply for the services of TeleService and BMW Assist:

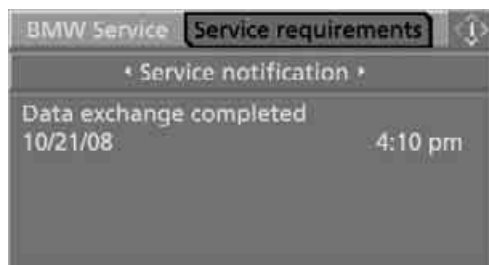
- ▷ The services offered are country-specific.
- ▷ Voice contact is established or data are transferred, depending on the equipment and the country. In some countries, it is possible to do both.
- ▷ The data transferred can be the vehicle data, your current position or the data of the CBS Condition Based Service.

Automatic service notification*

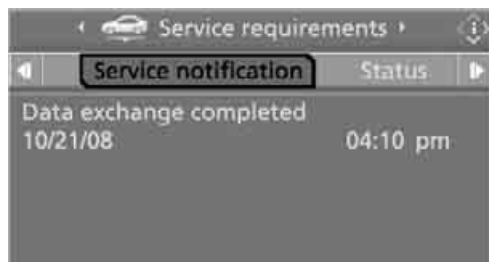
The data on the service status of your vehicle or on legally mandated inspections is transmitted automatically directly to your BMW Center prior to the due date. You can check when the BMW Center was notified.

iDrive concept, 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.



Roadside Assistance

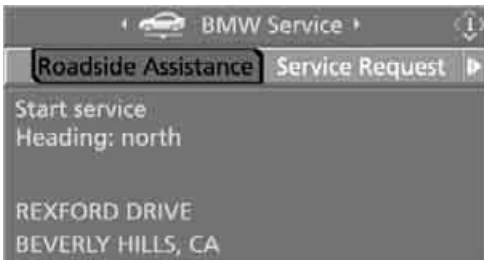
You can call the Roadside Assistance* of the BMW Group should you require help in the event of a breakdown.

iDrive concept, 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.

Setting up 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.

A prerequisite for this is that your mobile phone is paired with the vehicle.

iDrive concept, 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 the desired BMW Center:
 - ▷ "Service Request"
 - ▷ "Customer Relations"



6. Press the controller.
7. Select "Start service" and press the controller.

Contact with the desired BMW Center will be established.

Adapting TeleService or BMW Assist

Displaying and updating services

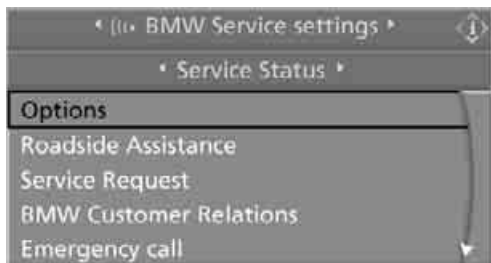
If the services offered by TeleService or BMW Assist change, you will be notified. In this case you should update the service functions.

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

When you terminate 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. Select "Options" and press the controller.
7. Select "Terminate services" and press the controller.

TeleService or BMW Assist is blocked from use, and your vehicle's current position will not be transmitted during an emergency call*. To cancel the service block, the system must be reactivated, refer to page 178. Your contractual agreement is not affected by this.

The automatic service notification can be disabled separately. Please contact your BMW Center for this purpose.

Enable TeleService and, if applicable, BMW Assist once again 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, please contact your BMW Center.

BMW Contact*

You can establish a voice connection to the following services without enabling BMW Assist as long as your mobile phone is paired with the vehicle:

- ▷ Roadside Assistance* of the BMW Group if you need help in the event of a breakdown
- ▷ BMW Service if you wish to schedule a service appointment, for example
- ▷ BMW Customer Relations* for information related to your vehicle

iDrive concept, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller forwards to select "Communication".

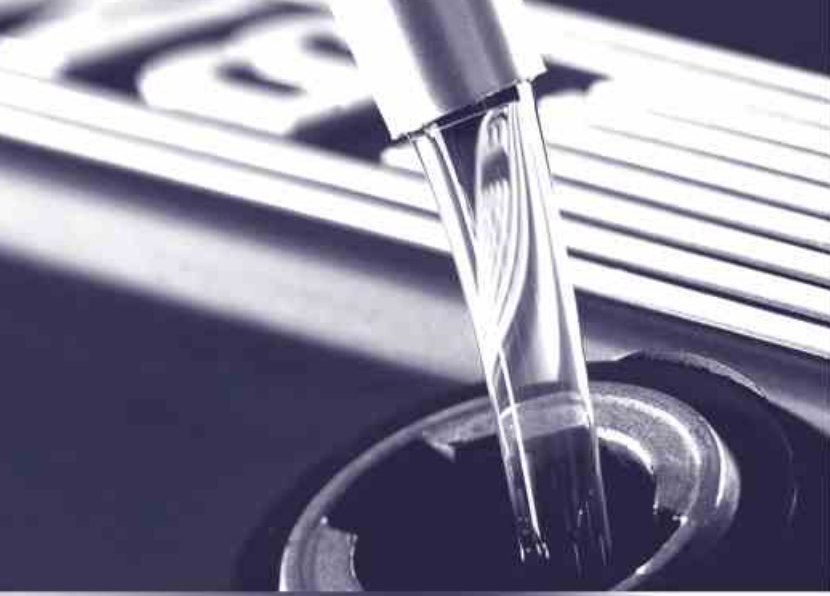
3. Select "BMW Contact" and press the controller.



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 will be established.





Mobility

This section helps you maintain your car's 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, fuel cannot be added to the tank and a message will be displayed. ◀

! Take all precautionary measures and observe all applicable regulations when handling fuel. Do not carry any spare fuel containers in your vehicle. They can develop a leak and cause an explosion or cause a fire in the event of an accident. ◀

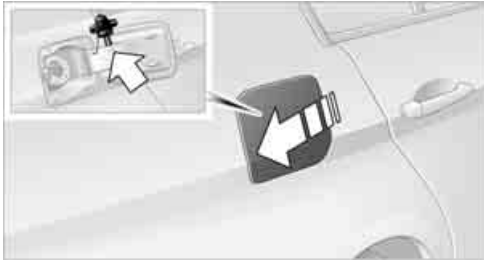


VWCC211014W

1. Remove the cover from the right-hand side panel of the luggage compartment.
2. Pull the knob with the fuel pump symbol. The fuel filler door is released.

Gas cap

Opening



VWCC211014W

1. Open fuel filler door. To do so, lightly press the rear edge.
2. Turn the gas cap counterclockwise.
3. Place the gas cap in the bracket attached to the fuel filler door.

Closing

Fit the cap and turn it clockwise until you clearly hear a click.

! Do not jam the strap attached to the gas cap between the gas cap and the vehicle. A message will be displayed if the gas cap is loose or missing. ◀

Manually releasing the fuel filler door

In the event of an electrical malfunction, you can release the fuel filler door manually:

Observe the following when refueling

! When handling fuels always observe any safety guidelines posted at the service station. ◀

When refueling, insert the filler nozzle completely into the filler pipe. Lifting the filler nozzle during refueling leads to

- ▷ premature pump shutoff
- ▷ a reduced efficiency of the fuel-vapor recovery system.

The fuel tank is full when the filler nozzle clicks off the first time.

Fuel tank capacity

Approx. 16.1 US gallons/61 liters, including the reserve capacity of 2.1 US gallons/8 liters.

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

Fuel specifications

! Do not fill the tank with leaded fuel, as this would cause permanent damage to 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.

 Do not fill the tank with leaded fuel, as this would cause permanent damage to the catalytic converter. ◀

Use high-quality brands

Field experience has indicated 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 drivability, starting and stalling problems 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 pressures


Information for your safety

It is not merely the tires' service life, but also driving comfort and, to a great extent, driving safety that depend on the condition of the tires and the maintenance of the specified tire pressure.

 Check the tire inflation pressure regularly and correct it, if necessary: 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. Do not drive with deflated, i.e. flat tires, except when using Run-Flat Tires. A flat tire will seriously impair your vehicle's handling and braking response. Attempts to drive on a flat tire can lead to loss of control over the vehicle. ◀


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 is higher.

 After correcting tire inflation pressures, always reinitialize the Flat Tire Monitor, refer to page 88. ◀

Inflation 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 approved and tire brands recommended by BMW; a list of these is available from your BMW Center. ◀

For correct identification of the right tire inflation pressures, observe the following:

- ▷ Tire sizes for your vehicle


- ▷ Load conditions
- ▷ Maximum allowable driving speed

Tire inflation pressures for driving up to 100 mph or 160 km/h


For normal driving up to 100 mph or 160 km/h and to achieve optimum driving comfort, adjust pressures to the respective tire inflation pressures listed on the following pages in the columns for traveling speeds up to a maximum of 100 mph or 160 km/h.

These tire inflation pressures can also be found on the driver's-side door post when the driver's door is open.






 The maximum permissible speed for these tire pressures is 100 mph or 160 km/h. Do not exceed this speed, otherwise tire damage and accidents could occur. ◀

Tire inflation pressures for driving above 100 mph or 160 km/h

 In order to drive at maximum speeds in excess of 100 mph or 160 km/h, adjust pressures to the respective tire inflation pressures listed on the following pages in the columns for traveling speeds including those exceeding 100 mph or 160 km/h. Otherwise tire damage and accidents could occur. ◀

Observe all national and local maximum speed limits, otherwise violations of the laws could occur.







Tire inflation pressures for the 323i, for Canada only

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						
without Sports package						
225/50 R 16 92 V						
225/50 R 16 92 H M+S						
205/55 R 16 91 H M+S	29/200	33/230	29/200	33/230	30/210	38/260
225/45 R 17 91 H M+S						
225/45 R 17 94 V M+S XL	29/200	35/240	29/200	35/240	32/220	39/270
Front: 225/35 R 19 88 Y XL	35/240	-	30/210	-	35/240	-
Rear: 255/30 R 19 91 Y XL	-	39/270	-	33/230	-	39/270
with Sports package						
225/50 R 16 92 V						
225/50 R 16 92 H M+S						
205/55 R 16 91 H M+S	29/200	33/230	29/200	35/240	35/240	42/290
225/45 R 17 91 H M+S						
225/45 R 17 94 V M+S XL	29/200	35/240	30/210	38/260	36/250	45/310
Front: 225/35 R 19 88 Y XL	35/240	-	33/230	-	38/260	-
Rear: 255/30 R 19 91 Y_XL	-	39/270	-	36/250	-	42/290
More details on the permissible load and weights can be found on page 220 .						

Tire inflation pressures for the 325i

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						
without Sports package						
225/50 R 16 92 H M+S						
205/55 R 16 91 H M+S						
225/45 R 17 91 H M+S	33/230	41/280	-	-	33/230	41/280
225/45 R 17 94 V M+S XL						
Front: 225/45 R 17 91 V	29/200	-	29/200	-	32/220	-
Rear: 255/40 R 17 94 V	-	32/220	-	32/220	-	35/240
Front: 225/35 R 19 88 Y XL	35/240	-	32/220	-	35/240	-
Rear: 255/30 R 19 91 Y XL	-	41/280	-	35/240	-	41/280
with Sports package						
225/50 R 16 92 H M+S						
225/45 R 17 91 H M+S	33/230	41/280	-	-	35/240	42/290
205/55 R 16 91 H M+S						
225/45 R 17 94 V M+S XL	33/230	41/280	-	-	38/260	45/310
Front: 225/45 R 17 91 V	29/200	-	29/200	-	35/240	-
Rear: 255/40 R 17 94 V	-	32/220	-	33/230	-	39/270
Front: 225/35 R 19 88 Y XL	35/240	-	33/230	-	38/260	-
Rear: 255/30 R 19 91 Y XL	-	41/280	-	36/250	-	42/290
More details on the permissible load and weights can be found on page 220 .						

Tire inflation pressures for the 325xi

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						
						

without Sports package:

205/55 R 16 91 H M+S						
225/45 R 17 91 H M+S						
225/50 R 16 92 H M+S	30/210	36/250	30/210	33/230	35/240	41/280
225/45 R 17 94 V M+S XL						
Front: 225/45 R 17 91 V	30/210	-	30/210	-	35/240	-
Rear: 255/40 R 17 94 V	-	32/220		32/220	-	35/240
Front: 225/35 R 19 88 Y XL	39/270	-	35/240	-	39/270	-
Rear: 255/30 R 19 91 Y XL	-	41/280	-	35/240	-	41/280

with Sports package:

205/55 R 16 91 H M+S						
225/50 R 16 92 H M+S	30/210	36/250	30/210	33/230	35/240	41/280
225/45 R 17 91 H M+S						
225/45 R 17 94 V M+S XL	30/210	36/250	35/240	38/260	39/270	45/310
Front: 225/45 R 17 91 V	30/210	-	33/230	-	38/260	-
Rear: 255/40 R 17 94 V	-	32/220	-	33/230	-	39/270
Front: 225/35 R 19 88 Y XL	39/270	-	38/260	-	42/290	-
Rear: 255/30 R 19 91 Y XL	-	41/280	-	38/260	-	44/300

More details on the permissible load and weights can be found on page [220](#).

Tire inflation pressures for the 330i

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						

without Sports package:




225/45 R 17 91 H M+S	33/230	41/280	-	-	33/230	41/280
225/45 R 17 94 V M+S XL						
Front: 225/45 R 17 91 V	29/200	-	29/200	-	33/230	-
Rear: 255/40 R 17 94 V	-	32/220	-	32/220	-	36/250
Front: 225/40 R 18 88 W	32/220	-	32/220	-	36/250	-
Rear: 255/35 R 18 90 W	-	36/250	-	36/250	-	41/280
Front: 225/40 R 18 88 Y	-	-	29/200	-	30/210	-
Rear: 255/35 R 18 90 Y	-	-	-	32/220	-	36/250
Front: 225/35 R 19 88 Y XL	36/250	-	32/220	-	36/250	-
Rear: 255/30 R 19 91 Y XL	-	41/280	-	36/250	-	41/280

with Sports package:

225/45 R 17 91 H M+S	33/230	41/280	-	-	38/260	45/310
225/45 R 17 94 V M+S XL						
Front: 225/45 R 17 91 V	29/200	-	32/220	-	38/260	-
Rear: 255/40 R 17 94 V	-	32/220	-	35/240	-	41/280
Front: 225/40 R 18 88 W	32/220	-	35/240	-	38/260	-
Rear: 255/35 R 18 90 W	-	36/250	-	38/260	-	45/310
Front: 225/40 R 18 88 Y	-	-	30/210	-	33/230	-
Rear: 255/35 R 18 90 Y	-	-	-	33/230	-	39/270
Front: 225/35 R 19 88 Y XL	36/250	-	35/240	-	38/260	
Rear: 255/30 R 19 91 Y XL	-	41/280	-	38/260	-	45/310

More details on the permissible load and weights can be found on page [220](#).

Tire inflation pressures for the 330xi

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			
<p>All pressure specifications in the table are indicated in psi/kilopascal with cold tires. Cold = ambient temperature</p>   						
without Sports package:						
225/45 R 17 91 H M+S	32/220	36/250	32/220	35/240	35/240	41/280
225/45 R 17 94 V M+S XL						
Front: 225/45 R 17 91 V	32/220	-	32/220	-	35/240	-
Rear: 255/40 R 17 94 V	-	32/220	-	32/220	-	36/250
Front: 225/40 R 18 88 W	35/240	-	33/230	-	36/250	-
Rear: 255/35 R 18 90 W	-	36/250	-	33/230	-	39/270
Front: 225/40 R 18 88 Y	35/240	-	32/220	-	35/240	-
Rear: 255/35 R 18 90 Y	-	36/250	-	32/220	-	36/250
Front: 225/35 R 19 88 Y XL	39/270	-	35/240	-	39/270	-
Rear: 255/30 R 19 91 Y XL	-	41/280	-	35/240	-	41/280
with Sports package:						
225/45 R 17 91 H M+S	32/220	36/250	32/220	35/240	35/240	41/280
225/45 R 17 94 V M+S XL	32/220	36/250	35/240	39/270	39/270	45/310
Front: 225/45 R 17 91 V	32/220	-	35/240	-	39/270	-
Rear: 255/40 R 17 94 V	-	32/220	-	35/240	-	41/280
Front: 225/40 R 18 88 W	35/240	-	38/260	-	42/290	-
Rear: 255/35 R 18 90 W	-	36/250	-	38/260	-	44/300
Front: 225/40 R 18 88 Y	35/240	-	33/230	-	36/250	-
Rear: 255/35 R 18 90 Y	-	36/250	-	33/230	-	39/270
Front: 225/35 R 19 88 Y XL	39/270	-	38/260	-	42/290	-
Rear: 255/30 R 19 91 Y XL	-	41/280	-	38/260	-	44/300

More details on the permissible load and weights can be found on page [220](#).

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

e.g. 225/45 R 17 91 V

Nominal width in mm ————|
 Aspect ratio in % ————|
 Radial belt construction ————|
 Rim diameter in inches ————|
 Load rating, _____|
 not on ZR tires _____|
 Speed code letter, in _____|
 front of the R on ZR tires _____|

Speed code letter

- Q = up to 100 mph or 160 km/h
- T = up to 118 mph or 190 km/h
- H = up to 131 mph or 210 km/h
- V = up to 150 mph or 240 km/h
- W = up to 167 mph or 270 km/h
- Y = up to 186 mph or 300 km/h

Tire Identification Number

Tires with DOT codes meet the guidelines of the US Department of Transport.

DOT code:

e.g. DOT xxxx xxx 0705

Manufacturer's code _____|
 for tire make _____|
 Tire size and _____|
 tire design _____|
 Tire age _____|

Tire age

The manufacturing date of tires is contained in the tire coding: DOT ... 0705 means that the tire was manufactured in week 7 of 2005.

BMW recommends that you replace all tires after 6 years at most, 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 (1 1/2) 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.


Those 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 196.

M+S

Winter and all-season tires. These have better winter properties than summer tires.

XL

Designation for specially reinforced tires.

Tire condition

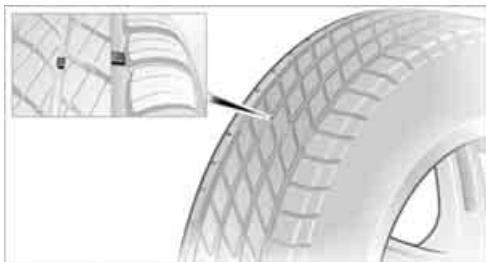
Inspect your tires frequently for tread wear, signs of damage and for foreign objects lodged in the tread. Check the tread depth.

Minimum tread depth

The tread depth should not drop below 1/8 in/ 3 mm, although, for example, European legislation only specifies a minimum tread depth of

1/16 in/1.6 mm. At tread depths below 1/8 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.

When winter tires wear down past a tread depth of 1/6 in/4 mm, they become perceptibly less suitable for winter conditions. In the interest of safety, new tires should be installed.




Wear indicators in the base of the tread groove are distributed around the tire's circumference; the letters TWI, for Tread Wear Indicator, on the tire's sidewalls identify tires that incorporate these wear indicators. Once the tire tread has worn down to the wear indicators, the tire has worn to a depth of 1/16 in/1.6 mm.

Wheel/tire damage

Please note that low-profile tires cause wheels, tires and suspension parts to be more susceptible to road hazard 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. The same applies to any other abnormal road behavior, such as pulling severely to the right or left.

 In these cases, reduce speed immediately and have wheels and tires thoroughly checked. To do so, drive carefully to the nearest BMW Center or tire shop that works according to BMW repair procedures with correspondingly trained personnel. If necessary, have the vehicle towed there.

Tire damage can be extremely dangerous for vehicle occupants and other road users. ◀

Tire age

For various reasons, such as the development of brittleness, BMW recommends tire replacement after no more than 6 years, regardless of the actual wear of the tires.

The manufacturing date of tires is contained in the tire coding:

DOT ... 0705 means that the tire was manufactured in week 07 of 2005.

Run-Flat Tires




The symbol identifying Run-Flat Tires is a circle with the letters RSC on the sidewall.


Run-Flat Tires comprise a conditionally self-supporting tire and a special rim. The reinforcement in the sidewalls ensures that the tire can continue to be used subject to certain restrictions, even if depressurized.

For information on continuing to drive with a flat tire, refer to Indication of a flat tire, page 89.

New wheels and tires


 Have new wheels and tires installed only by your BMW Center or tire shop that works according to BMW repair procedures with correspondingly trained personnel. If this work is not carried out properly, there is a danger of subsequent damage and related safety hazards. Make sure that the new wheels are balanced. ◀

Retreaded tires

 BMW recommends that you do not use retreaded tires, since driving safety may

be impaired. The causes for this include potentially different tire casing structures and often wide variations in tire age, which can result in a limited service life. ◀

Correct wheels and tires

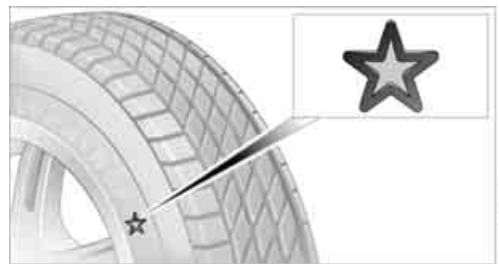
 BMW recommends that you use only wheel and tire combinations that BMW has tested and approved for your particular vehicle. Variations in factors such as manufacturing tolerances mean that even wheels and tires with identical official size ratings could actually have different dimensions, which could lead to body contact and thus to severe accidents. If non-approved wheels and tires are used, BMW cannot evaluate their suitability, and therefore cannot guarantee their driving safety. ◀

You can inquire about the right wheel/tire combination at your BMW Center.

The correct combination of wheels and tires is also necessary to ensure reliable operation of various vehicle systems such as ABS and DSC.

To maintain good handling and vehicle response, use only tires of a single brand and tread configuration. After a tire has been damaged, mount the previous wheel and tire combination again as soon as possible.

Recommended tire brands



Certain makes of tire are recommended by BMW for each tire size. They are marked with a clearly visible BMW designation on the sidewall of the tire.

When properly used, these tires meet the highest standards in terms of safety and handling characteristics.

Run-Flat Tires


When mounting new tires or changing over from summer to winter tires and vice versa, mount Run-Flat Tires for your own safety. In the event of a flat, moreover, no spare wheel is available. Your BMW Center will be glad to advise you.

 For safety reasons, BMW recommends that damaged Run-Flat Tires be replaced rather than repaired. ◀

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.

Pay attention to speed

 Always comply with the speed limit for the winter tires mounted on your car; failure to do so could result in tire damage and accidents. ◀

If the car is capable of speeds higher than that permitted for the winter tires, a label stating the maximum permitted speed for the mounted tires must be displayed in your field of view. Specialist tire dealers and your BMW Center can supply these labels.

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 sidewall of the tire.


Snow chains*

Only certain fine-link snow chains have been tested by BMW, classified as safe for use and recommended. Consult your BMW Center for more information. Attach snow chains in pairs and only to the rear wheels. Observe the manu-

facturer's instructions when mounting snow chains. Do not exceed a speed of 30 mph or 50 km/h.

You are not permitted to mount snow chains to tires of the following sizes:

- ▷ 255/40 R 17
- ▷ 255/35 R 18
- ▷ 255/30 R 19

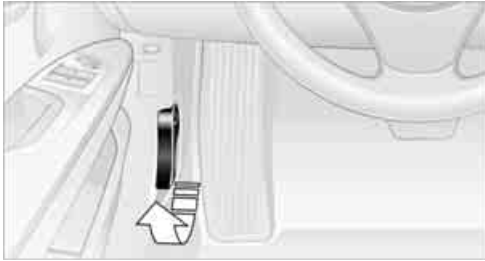
 Do not initialize the Flat Tire Monitor if snow chains are mounted, otherwise the instrument might issue an incorrect reading. When driving with snow chains, you may find it helpful to activate DTC temporarily, refer to page 85. ◀

Under the hood

! Do not work on the car unless you possess the necessary technical knowledge. If you are unfamiliar with the statutory guidelines, have any work on the vehicle performed only by a BMW Center or by a workshop that work according to BMW repair procedures with correspondingly trained personnel. If this work is not carried out properly, there is a danger of subsequent damage and related safety hazards. ◀

Hood

Releasing



Pull the lever.

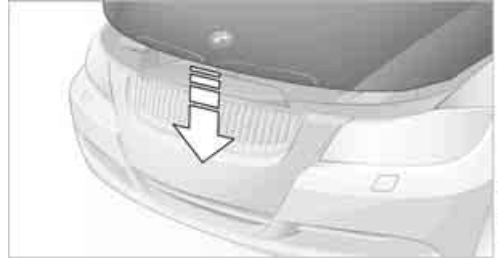
Opening



! In order to avoid damage, make sure that the wiper arms are against the windshield before you open the hood. ◀

Press the release handle and open the hood.

Closing



Close the hood from a height of approx. 16 in/ 40 cm with momentum. 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 while driving your vehicle that the hood is not completely closed, stop at once and close it securely. ◀

Important parts of the engine compartment



- 1 Expansion tank for coolant, refer to page 201
- 2 Washer fluid reservoir for headlamp cleaning system and window washer system, refer to page 60
- 3 Jump-starting connection, refer to page 212
- 4 Filler neck for engine oil, refer to Adding engine oil
- 5 Reservoir for brake fluid, under the cover of the microfilter

Engine oil

The engine oil consumption is dependent on driving style and driving conditions.

Checking oil level

Your car is equipped with an electronic oil-level monitor.

For a precise measurement and display of the oil level, it is necessary that the engine be at operating temperature, e.g. after uninterrupted driving for at least approx. 6.5 miles/10 km. You can have the oil level displayed while you are driving, or while the vehicle is at a standstill on a level surface and the engine is running.


Display in the instrument cluster



1. Lightly push button 1 in the turn indicator stalk up or down repeatedly until the appropriate symbol is shown in the display, accompanied by the word "OIL".
2. Press button 2 in the turn indicator stalk. The oil level is checked and the reading displayed.

Possible displays



- 1 Oil level OK
- 2 Oil level is being checked.
This can take about 3 minutes if the car is at a standstill on a level surface, or about 5 minutes while the car is on the move.
- 3 Oil level down to minimum:
Add 1 US quart/1 liter of engine oil as soon as possible, refer also to Adding engine oil.
- 4 Oil level is too high.
 Too much oil will harm the engine. Have the vehicle checked without delay. ◀
- 5 The oil level sensor is defective.
Do not add engine oil. You can continue your journey. Note the newly calculated distance remaining to the next oil service, refer to page 203. Have the system checked as soon as possible.

Display via iDrive

iDrive concept, 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. If necessary, move the highlight marker to the uppermost field. Turn the controller until "Service requirements" is selected and press the controller.



5. If necessary, move the highlight marker to the second field from the top. Turn the controller until "Engine oil level" is selected and press the controller. The oil level is displayed.

Possible messages

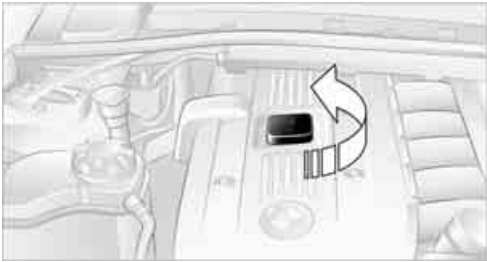
- ▷ "Engine oil level O.K."
- ▷ "No measured value available: Updating engine oil level measurement..."
The engine oil level is measured. This can take about 3 minutes if the car is at a standstill on a level surface and the engine is running, and about 5 minutes while the car is on the move.
- ▷ "Oil level at the minimum! Refill with 1 quart engine oil."
Add engine oil as soon as possible, but no more than 1 US quart/1 liter, refer also to Adding engine oil below.
- ▷ "Engine oil level too high"



Too much oil will harm the engine. Have the vehicle checked without delay. ◀

- ▷ "Please observe recalculated service interval for engine oil"
Do not add engine oil. You can continue your journey. Note the newly calculated distance remaining to the next oil service, refer to page 74. Have the system checked as soon as possible.

Adding engine oil



Do not add the maximum amount of 1 US quart/ 1 liter of engine oil until a corresponding message is shown on the Control Display.



Add oil within the next 125 miles/200 km, otherwise the engine could be damaged. ◀



Keep oils, greases, etc. out of the reach of children and comply with the warnings on the containers. Otherwise, health hazards may result. ◀

Oil change

Have oil changed only at your BMW Center or at a workshop that works according to BMW repair procedures with correspondingly trained personnel.

Specified 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.

Only use approved BMW High Performance Synthetic Oil.

If BMW High Performance Synthetic Oil is not available, you can add small quantities of other synthetic oils in between oil changes. Only use oils with the API SH specification or higher.



Your BMW Center will be glad to answer any questions regarding 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 www.bmwusa.com to obtain this information.

Viscosity ratings

Viscosity is a measure of an oil's flow rating and is categorized in SAE classes.

Selecting the appropriate SAE class depends on the regional climatic conditions in which you normally drive your BMW.



Approved oils belong to the 5W-40 and 5W-30 classes. ◀

These oils can be used for driving at all outside temperatures.

Coolant



Do not add coolant to the cooling system when the engine is hot. Escaping coolant can cause burns. ◀

Coolant is a mixture of water and an 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 are hazardous to your health. ◀



Comply with the appropriate environmental protection regulations when disposing of coolant additives. ◀

Checking coolant level

1. The engine must be at ambient temperature.
2. Turn the cap of the expansion tank a little counterclockwise to allow any accumulated

pressure to escape, then continue turning to open.

- The coolant level is correct if it is between the maximum and minimum marks in the filler neck, refer also to the diagram next to the filler neck.



- If the coolant is low, slowly add coolant up to the specified level; do not overfill.
- Turn the cap until there is an audible click.
- Have the reason for the coolant loss eliminated as soon as possible.

Brake system

Malfunctions

Brake fluid

BRAKE



The warning lamps light up in red even though the handbrake has been released. A message appears on the Control Display. Stop immediately.

The brake fluid in the reservoir has fallen to below the minimum level. At the same time, a considerably longer brake pedal travel may be noticeable. Have the system checked without delay.

(!) (i)



Display of this malfunction on Canadian models.



If you continue to drive the car, you may have to depress the brake more and braking distances may be significantly longer. Please adapt your driving style accordingly. ◀

Brake pads

BRAKE



The warning lamps light up in red even though the handbrake has been released. A message appears on the Control Display. The brake pads have reached the safe limit for pad wear. Have brake pads replaced immediately.

(!) (i)

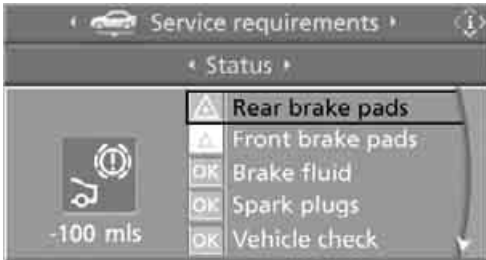


Display of this malfunction on Canadian models.



For your own safety: use only brake pads that BMW has approved for the corresponding vehicle model. BMW is unable to assess the suitability of brake pads it has not approved and therefore cannot guarantee their safety. ◀

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 objective is to optimize efforts with respect to minimal vehicle maintenance costs.

If and when you come to sell your BMW, a comprehensive record of servicing will prove a significant benefit.

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.


On the Control Display, you can have the remaining times or distances for selected maintenance tasks and any legally prescribed dates displayed, refer to page 74:

- ▷ Engine oil
- ▷ Brakes: separately for front and rear
- ▷ Microfilter/activated-charcoal filter
- ▷ Brake fluid
- ▷ Spark plugs
- ▷ Vehicle check

- ▷ Legally mandated inspections depending on local regulations


Service data in the remote control

Your vehicle continuously stores service-requirement information in the remote control while you are driving. Your BMW Service Advisor can read out this data from the remote control unit, and propose an optimized maintenance approach. Whenever you take your car in for servicing you should therefore hand your BMW Service Advisor the remote control unit that you last used.

 Make sure that the date is always set correctly, refer to page 78; otherwise the effectiveness of Condition Based Service CBS is not assured. ◀

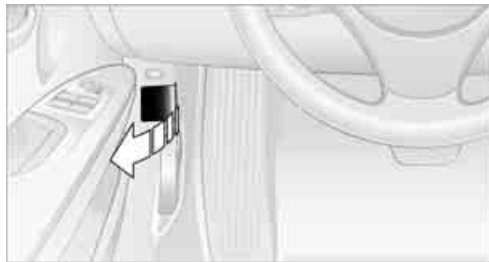
Service and Warranty Information Booklet for US models and Warranty and Service Guide Booklet for Canadian models

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.

 BMW recommends that you 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. ◀

Socket for On-Board Diagnosis OBD



Primary components that make up exhaust emissions can be checked by a device via the OBD socket.

This socket is located on the driver's side to the left, on the bottom of the instrument panel underneath a cover.

data or information. In addition, if you have signed a subscription contract for BMW Assist, certain vehicle data may be transmitted or recorded in order to facilitate the corresponding services.

Care

Important information on the care and maintenance of your BMW is contained in the Caring for your vehicle brochure.

Exhaust emission values

SERVICE
ENGINE
SOON



The warning lamps come on. The exhaust emission values have worsened. Have the car checked as soon as possible.



Canadian models display these warning lamps.

The lamps flash under certain conditions. This indicates excessive misfiring in the engine. If this happens, you should reduce your speed and visit your nearest BMW Center as soon as possible. Severe engine misfiring can quickly lead to serious damage of emissions-related components, especially the catalytic converter.

If the gas cap is not properly tightened, the OBD system will assume that fuel vapor is escaping. An indicator will then light up. If the gas cap is then tightened, the indicator will go out within a few days.

Event data recorders

Your vehicle may be equipped with one or several measuring or diagnostic modules or a device for recording or sending certain vehicle

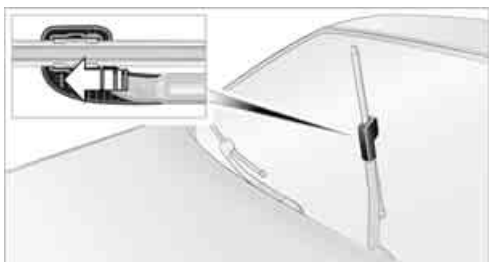
Replacing components

Onboard tool kit

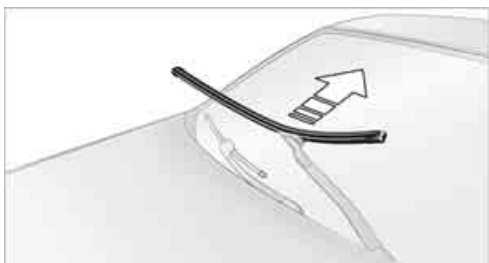


The onboard tool kit is stored in a compartment on the right-hand side of the luggage compartment. Remove the cover.


Wiper blades



1. Fold up the wiper arm.
2. Remove the cover. To do so, press the hook on the bottom, see arrow.




3. Fold the wiper blade upwards.
4. Remove the wiper blade in the direction of the windshield, see arrow.


 In order to avoid damage, make sure that the wiper arms are against the windshield before you open the engine compartment. ◀

Lamps and bulbs


Lamps and bulbs make an essential contribution to vehicle safety. They should, therefore, be handled carefully. BMW recommends having your BMW Center perform any work that you do not feel competent to perform yourself or that is not described here.

 Never touch the glass of 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 tissue, cloth or something similar, or hold the bulb by its base. ◀

You can obtain a selection of replacement bulbs at your BMW Center.

 When working on electrical systems, always begin by switching off the consumer in question, otherwise short-circuits could result. To avoid possible injury or equipment damage when replacing bulbs, observe any instructions provided by the bulb manufacturer. ◀

For care and maintenance of the headlamps, please follow the instructions in the separate Caring for your vehicle brochure.

 If the routine for changing a particular bulb is not described here, please contact your BMW Center or a workshop that works according to BMW repair procedures with correspondingly trained personnel. ◀

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 or expose the eyes directly to the unfiltered light source for several hours at a time, otherwise this could cause irritation to the retina. ◀

Xenon lamps*

The service life of these bulbs 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. If a xenon lamp fails nevertheless, switch on the fog lamps and continue the journey with great care, provided that local legislation does not prohibit this.

⚠ Have work on the xenon lighting system performed only by your BMW Center or a workshop that works according to BMW repair procedures with correspondingly trained personnel. Due to the high electrical voltages present, there is a risk of potentially fatal accidents if work is performed inappropriate. ◀

Parking lamps, roadside parking lamps

In the event of a malfunction, please contact your BMW Center or a workshop that works according to BMW repair procedures with correspondingly trained personnel.

Halogen lamps

H7 bulb, 55 watts

⚠ Always wear gloves and eye protection; the atmosphere within the H7 bulb is pressurized. Otherwise there is a risk of injury if the bulb is damaged. ◀

There are separate headlamp covers for low-beam headlamps and high-beam headlamps.

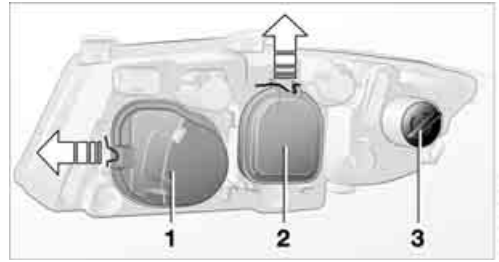
⚠ Be careful when installing the covers, otherwise leaks could occur and cause damage to the headlamp system. ◀

▷ For checking and adjusting headlamp aim, please contact your BMW Center. ◀

Access to the lamps

The high-beam headlamp can be accessed from the engine compartment, whereas the

low-beam headlamp is accessed through a flap in the wheel well.



- 1 Cover for high-beam headlamp
- 2 Cover for low-beam headlamp
- 3 Turn signal bulb socket

To remove the covers:

1. Fold the respective wire bracket to the side, see arrows.
2. Flip open the cover and take it out of the guide.

Follow the same steps in reverse order to reattach the covers.

Access through the wheel well

Only for low-beam headlamps and turn signals:

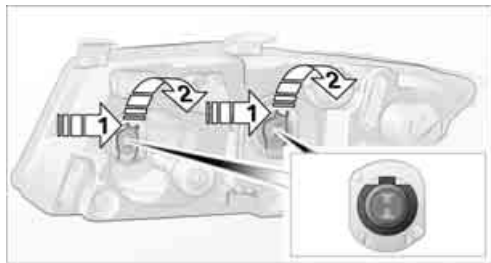
1. Turn the wheel inwards.
2. Open the flap in the wheel well. To do so, turn the fastener counterclockwise using a coin, for example.



Changing low-beam and high-beam bulbs

1. Remove the relevant cover for the headlamp.
2. Disconnect the plug from the lamp.

3. Push the wire bracket to the side out of the mounting, arrow 1, and fold it down, arrow 2.

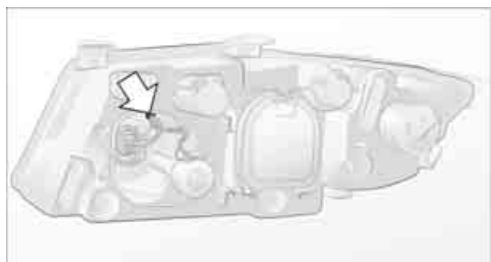


4. Remove the bulb.
5. Insert new bulb as shown in the detail of the illustration above.
6. Fold up the wire bracket and engage it.
7. Connect the plug.
8. Reattach the cover.

Parking lamps, roadside parking lamps

5 watt bulb, W 5 W

1. Remove the cover for the high-beam headlamp.
2. Pull out the bulb socket, see arrow.



3. Remove and replace the bulb.
4. Insert bulb socket.
5. Reattach the cover.

Turn signals, front

21 watt bulb, PY 21 W
or PY 21 W Silver Vision

1. Open the flap in the wheel well, refer to Access through the wheel well on page 206.



2. Rotate turn signal bulb socket 1 to the left and remove.
3. Apply gentle pressure to the bulb while turning it to the left for removal and replacement.
4. Insert turn signal bulb socket 1.
5. Attach the flap to the wheel well.

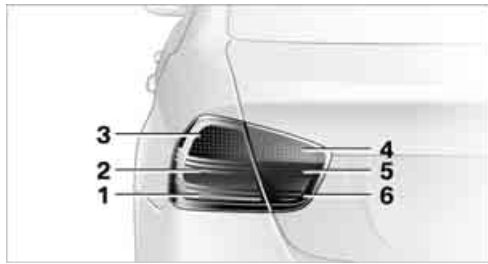
Side-mounted turn signals

In the event of a malfunction, please contact your BMW Center or a workshop that works according to BMW repair procedures with correspondingly trained personnel.

Tail lamps

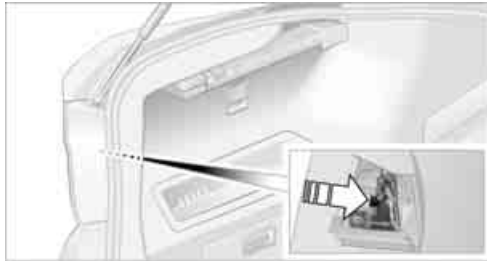
- ▷ Brake lamp in the luggage compartment lid
21 watt bulb, H 21 W
- ▷ Other lamps:
21 watt bulb, P 21 W

The tail lamps are divided into two parts. One part is in the luggage compartment lid, the other is in the fender.



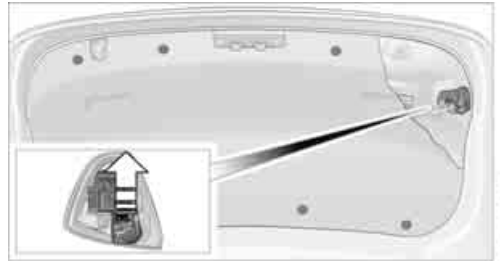
- 1 Brake lamp
- 2 Roadside parking lamp/tail lamp
- 3 Turn signal
- 4 Backup lamp
- 5 Tail lamp
- 6 Brake lamp

Fender-mounted lamps



1. Using a screwdriver, pry off the cover in the luggage compartment or release the turn-lock fastener by turning it counterclockwise and remove the cover.
2. Unfasten the bulb holder at the clip, see arrow, and pull out.
3. Apply gentle pressure to the bulb while turning it to the left for removal and replacement.
4. Re-engage the bulb holder so that it audibly clicks into place.
5. Reattach the cover in the luggage compartment.

Lamps in the luggage compartment lid



1. Pry out the plastic plugs in the trim of the luggage compartment lid using a screwdriver and remove the trim.
2. Unfasten the bulb holder at the clip, see arrow, and remove.
3. Apply gentle pressure to the bulb while turning it to the left for removal and replacement.
4. Re-engage the bulb holder so that it audibly clicks into place.
5. Reattach the trim of the luggage compartment lid.

License plate lamp

5 watt bulb, C 5 W



1. Using a screwdriver, push the lamp to the right in the flap of the lamp housing.
2. Take out the lamp towards the left and change the bulb.
3. Insert the lamp.

Center brake lamp

This lamp uses LED technology for operation. In the event of a malfunction, please contact your BMW Center or a workshop that works


according to BMW repair procedures with correspondingly trained personnel.

Changing wheels

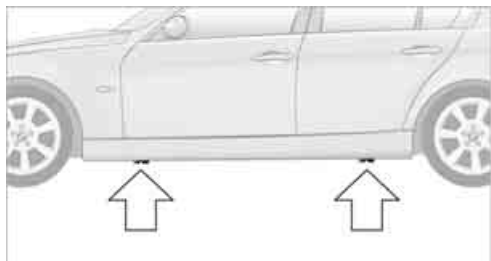
Your BMW is equipped with Run-Flat Tires as standard. This removes the need to change a wheel immediately in the event of a puncture.

The symbol identifying Run-Flat Tires is a circle with the letters RSC on the sidewall, refer to Run-Flat Tires, page 196.

When mounting new tires or changing over from summer to winter tires and vice versa, mount Run-Flat Tires for your own safety. In the event of a flat, moreover, no spare wheel is available. Your BMW Center will be glad to advise you. Refer also to New wheels and tires, page 196.

 The tools for changing wheels are available as optional accessories from your BMW Center. ◀

Jack mounting points



The jacking points are at the positions shown in the illustration.

Vehicle battery


Battery care

The battery is 100% maintenance-free, 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 the battery

Only charge the battery in the vehicle via the terminals in the engine compartment with the engine off. Connections, refer to Jump starting on page 212.

Disposal


 Have old batteries disposed of by your BMW Center or hand them in to a recycling center. Maintain the battery in an upright position for transport and storage. Always secure the battery against tipping over during transport. ◀

Power failure

After a temporary power loss, the functioning of some equipment may be limited and require initialization. Individual settings may likewise have been lost and will have to be reprogrammed:

- ▷ Time and date
These values must be updated, refer to page 77.
- ▷ Radio
In some cases, stations may have to be stored again, refer to page 150.
- ▷ Navigation system
Operability must be waited for, refer to page 124.
- ▷ Seat and mirror memory
The positions must be stored again, refer to page 44.
- ▷ Inside rearview mirror with digital compass
The system must be calibrated, refer to page 105.

Fuses

 Never attempt to repair a blown fuse and do not replace a defective fuse with a substitute of another color or amperage rating, otherwise this could lead to a circuit overload, ultimately resulting in a fire in the vehicle. ◀



Open the cover in the glove compartment and remove it.

Spare fuses and a pair of plastic forceps are set in holders on the distributor box.

See the rear of the cover for information on fuse assignment.

Giving and receiving assistance

Emergency calling*

Conditions for an emergency call:

- ▷ Full preparation package mobile phone
- ▷ BMW Assist is enabled. Enabling BMW Assist, refer to page 178.
- ▷ Radio readiness is on.
- ▷ The car phone is logged on to a mobile telephone network.
- ▷ The emergency call system is operable.

If your subscription contract with BMW Assist expires, the car phone can be deactivated by a BMW Center without having to schedule an appointment at a workshop. Once the car phone has been deactivated, emergency calls are not possible. The car phone can be reactivated by a BMW Center after signing a new contract.

Initiating an emergency call

1. Briefly press the cover flap to open.



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 response center has been established, the LED flashes.

If the circumstances allow this, 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 transmitted to the BMW Assist response center.

If the LED is flashing but the emergency response center cannot be heard over the hands-free system, it is possible that the hands-free system is malfunctioning. The emergency response center may still be able to hear you, however.

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 unfavorable conditions. ◀

Roadside Assistance

The BMW Group's Roadside Assistance service is there to assist you around the clock in the event of a breakdown, including on weekends and public holidays.

The phone numbers of the Roadside Assistance in your home country can be found in the Contact brochure.

In vehicles equipped with BMW Assist or TeleService, you can establish contact with the BMW Group's Roadside Assistance for breakdown assistance directly via iDrive, refer to page 180.

First aid pouch*



The first aid pouch is located on the right-hand side of the luggage compartment in a storage area.

Some of the articles contained in the first aid pouch have a limited service life. Therefore, check the expiration dates of the contents regularly and replace any items in good time, if necessary.


Warning triangle*



The warning triangle is located on the left-hand side of the luggage compartment. Press the tab to take it out.

Jump starting


If the car's own battery is flat, your BMW's engine can be started by connecting two jumper cables to another vehicle's battery. You can also use the same method to help start another vehicle. Only use jumper cables with fully-insulated clamp handles.

 Do not touch any electrically live parts when the engine is running, or a fatal acci-


dent may occur. Carefully adhere to the following sequence, both to prevent damage to one or both vehicles, and to guard against possible personal injuries. ◀

Preparation

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 assisting vehicle.
3. Switch off any consumers in both vehicles.

 There must not be any contact between the bodies of the two vehicles, otherwise there is a danger of shorting. ◀

Connecting jumper cables

 Connect the jumper cables in the correct order, so that no sparks which could cause injury occur at the battery. ◀

Your BMW has a jump-starting connection in the engine compartment which acts as the battery's positive terminal, refer also to the Engine compartment overview on page 199. The cap is marked with +.

1. Pull the cap of the BMW jump-starting connection up to remove.



2. Attach one terminal clamp of the plus/+ jumper cable to the positive terminal of the battery or a starting-aid terminal of the vehicle providing assistance.
3. Attach the second terminal clamp of the plus/+ jumper cable to the positive terminal

of the battery or a starting-aid terminal of the vehicle to be started.

4. Attach one terminal clamp of the minus/- jumper cable to the negative terminal of the battery or to an engine or body ground of the assisting vehicle.
Your BMW has a special nut as body ground or negative pole.




5. Attach the second terminal clamp of the minus/- jumper cable to the negative terminal of the battery or to the engine or body ground of the vehicle to be started.


Starting the engine


1. Start the engine of the donor vehicle and allow it to run for a few minutes at slightly increased idle 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 above connecting sequence.

If necessary, have the battery checked and recharged.

 Never use spray fluids to start the engine. ◀

Tow-starting, towing away


 Observe the applicable laws and regulations for tow-starting and towing vehicles. ◀

 Do not transport any occupants other than the driver in a vehicle that is being towed. ◀

Using a tow fitting

The screw-in tow fitting must always be carried in the car. It can be screwed in at the front or rear of the BMW.

It is stored in the onboard tool kit underneath the cover on the right-hand side of the luggage compartment, refer to page 205.

 Use only the tow fitting provided with the vehicle and screw it all the way in. Use the tow fitting for towing on paved roads only. Avoid lateral loading of the tow fitting, e.g. do not lift the vehicle by the tow fitting. Otherwise the tow fitting and the vehicle could be damaged. ◀

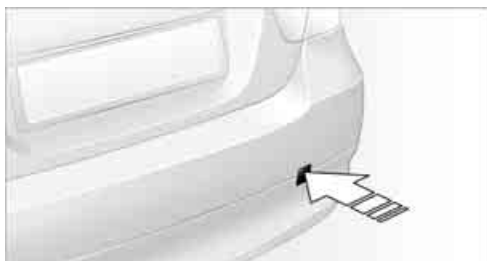
Access to screw thread

Rectangular cover panel in bumper:
Press on the upper edges of the cover panel.


Front



Rear



Being towed

 Make sure that the ignition is switched on, refer to page 52, otherwise the low-beam

headlamps, tail lamps, turn signal indicators and windshield wipers may be unavailable. If the electrical system fails, do not attempt to tow-start or tow away the car. The electric steering wheel lock cannot be disengaged and the car is not steerable. Jump starting, refer to page 212. Power steering assistance is not available when the engine is not running. Thus, braking and steering will require increased effort. ◀

Switch on the hazard warning flashers, depending on local regulations.

Manual transmission

Gearshift lever in idle position.

Automatic transmission

Selector lever in position N.

Changing selector lever positions, refer to page 57.

! Do not exceed a towing speed of 45 mph or 70 km/h and a towing distance of 90 miles/150 km, otherwise the automatic transmission may be damaged. ◀

Sequential manual gearbox SMG

With the ignition switched on, engage selector lever position N, and then switch the ignition back off.

Towing with a tow bar

! The towing vehicle must not be lighter than the towed vehicle, otherwise it may be impossible to maintain control. ◀

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 angle, please observe the following:

- ▷ Clearance and maneuvering capability will be sharply limited during cornering.
- ▷ The tow bar will generate lateral forces if it is attached offset.

! Attach the tow bar to the tow fittings only, as attaching it to other parts of the vehicle could result in damage. ◀

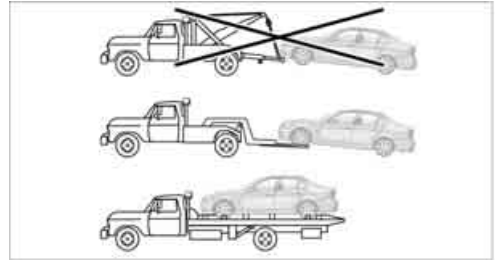
Towing with a tow rope

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 the tow rope to the tow fittings only, as attaching it to other parts of the vehicle could result in damage. ◀

Towing with a tow truck

323i*, 325i, 330i

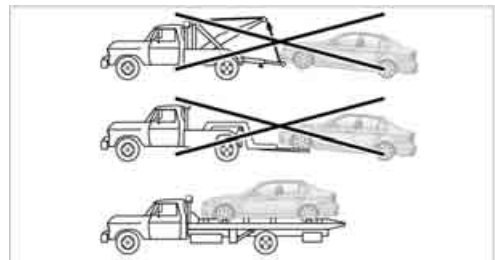


Have the BMW transported with a tow truck with a so-called lift bar or on a flat bed.

! Do not lift the vehicle by a tow fitting or body and chassis parts, otherwise damage may result. ◀

325xi, 330xi

! Do not tow a BMW with xDrive with just the front or rear axle raised, otherwise the wheels could lock up and the transfer case could be damaged. ◀



Have the BMW transported on a flatbed surface only.

Tow-starting



If the electrical system fails, do not attempt to tow-start or tow away the car. The electric steering wheel lock cannot be disengaged and the car is not steerable. Jump starting, refer to page [212](#). ◀



Do not tow-start vehicles with an automatic transmission. Only tow-start vehicles with a catalytic converter with the engine cold. It is better to jump start the engine, refer to page [212](#). ◀

1. Switch on the hazard warning flashers, comply with local regulations.
2. Switch on the ignition, refer to page [52](#).
3. Shift into 3rd gear. Vehicles with SMG, see below.
4. Have the vehicle tow-started with the clutch completely depressed and slowly release the clutch. After the engine starts, immediately depress the clutch completely again.
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 sequential manual gearbox SMG:

1. Have the vehicle tow-started with the selector lever in position N.
2. Select sequential mode. The correct gear is automatically engaged.



325xi, 330xi: do not activate Hill Descent Control HDC when the vehicle is being tow-started, page [86](#). ◀



Reference

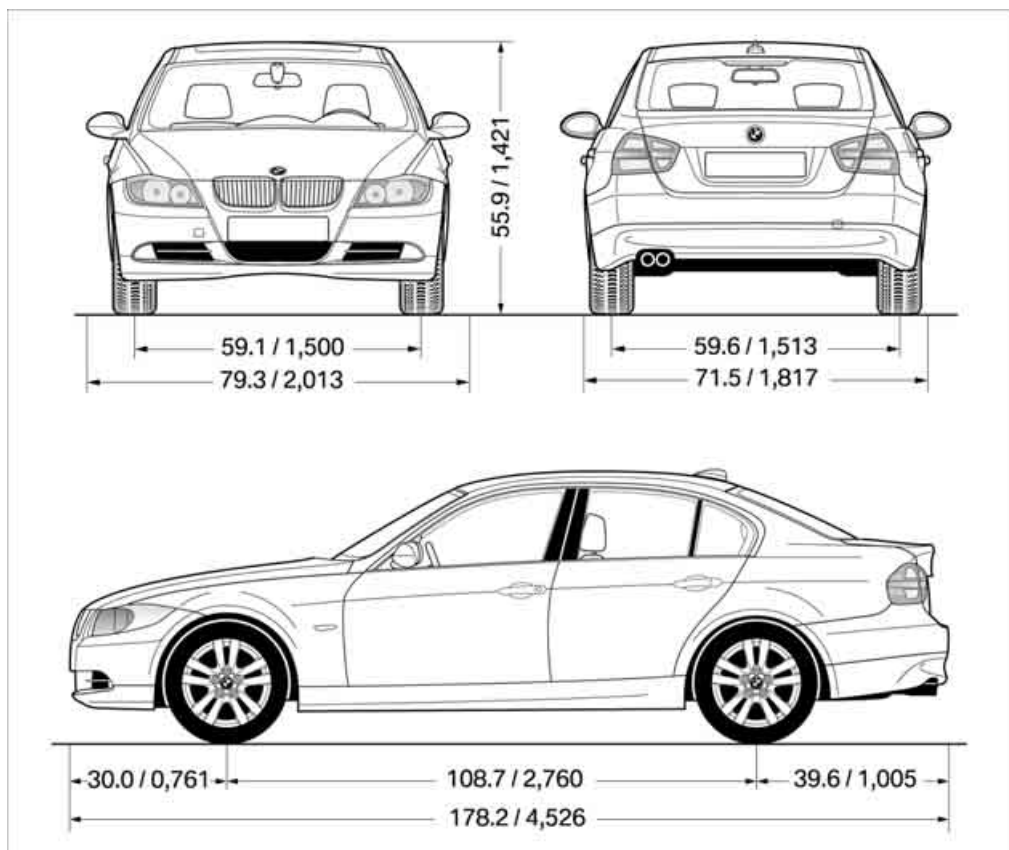
This chapter contains technical data, short commands for the voice command system and an index that will help you find information most quickly.

Technical data

Engine data

		323i (Canada)	325i/xi	330i/xi
Displacement	cu in/cm ³	152.4/2,497	182.8/2,996	182.8/2,996
Number of cylinders		6	6	6
Maximum power output	hp		215	255
at engine speed	rpm		6,250	6,600
Maximum torque	lb ft/Nm		185/251	220/298
at engine speed	rpm		2,750	2,750

Dimensions



All dimensions given in inches/mm. Smallest turning circle diam.: 36 ft 1 in/11.0 m. All wheel drive: 38 ft 9 in/11.8 m.

Weights

		323i (Canada)	325i	325xi
Curb weight				
▷ with manual transmission	lbs/kg	3,274/1,485	3,285/1,490	3,560/1,615
▷ with automatic transmission	lbs/kg	3,329/1,510	3,351/1,520	3,605/1,635
Approved gross weight				
▷ with manual transmission	lbs/kg	4,332/1,965	4,343/1,970	4,619/2,095
▷ with automatic transmission	lbs/kg	4,387/1,990	4,409/2,000	4,663/2,115
Load	lbs/kg	1,058/480	1,058/480	1,058/480
Approved front axle load	lbs/kg	2,083/945	2,072/940	2,282/1,035
Approved rear axle load	lbs/kg	2,403/1,090	2,425/1,100	2,480/1,125
Approved roof load capacity	lbs/kg	165/75	165/75	165/75
Luggage compartment capacity	cu ft/l	16.2/460	16.2/460	16.2/460

		330i	330xi
Curb weight			
▷ with manual transmission	lbs/kg	3,417/1,550	3,627/1,645
▷ with automatic transmission	lbs/kg	3,450/1,565	3,671/1,665
Approved gross weight			
▷ with manual transmission	lbs/kg	4,475/2,030	4,685/2,125
▷ with automatic transmission	lbs/kg	4,508/2,045	4,729/2,145
Load	lbs/kg	1,058/480	1,058/480
Approved front axle load	lbs/kg	2,138/970	2,315/1,050
Approved rear axle load	lbs/kg	2,469/1,120	2,513/1,140
Approved roof load capacity	lbs/kg	165/75	165/75
Luggage compartment capacity	cu ft/l	16.2/460	16.2/460

Never exceed either the approved axle loads or the gross vehicle weight.

Capacities

			Notes
Fuel tank	US gal/liters	approx. 16.1/61	Fuel grade: page 187
including reserve of	US gal/liters	approx. 2.1/8.0	
Window washer system			For more details: page 60
including headlamp washers	US quarts/liters	approx. 6.3/6.0	
Engine with oil filter renewal	US quarts/liters	approx. 6.9/6.5	BMW High Performance Synthetic Oil Oil grades: page 201

Short commands for 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 call up assistance window 20	›Assistance window⟨
To select 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 the scale in the assistance window 138	›Assistance window scale ... feet⟨ or ›Assistance window scale ... miles⟨

Communication

Function	Command
To open phone 171	›Phone⟨
To dial phone number 171	›Dial number⟨
To display phone book 171	›A to Z⟨
To select from phone book 171	›Call ...⟨ or ›Dial name⟨
To display "Top 8" 171	›Top 8⟨
Redialing 171	›Redial⟨
To display "Received calls" 171	›Received calls⟨
To display "Missed calls" 171	›Missed calls⟨
To display "Bluetooth" 167	›Bluetooth⟨
To call up BMW Assist 178	›BMW Assist⟨
To open "BMW Service" 180	›BMW Service⟨
To open "BMW Contact" 181	›BMW Contact⟨
To open "BMW Contact Numbers" 181	›BMW Contact numbers⟨

Navigation

Function	Command
To call up navigation 130	›Navigation‹
To display current position 140	›Current position‹
To open "Enter address" 125	›Enter address‹
To open "New destination" 125	›New destination‹
To display "Input map" 129	›Input map‹
To open "Information" 130	›Info menu‹
To display address book 132	›Address book‹ or ›From address book‹
To display destination list 131	›Destination list‹
To switch on destination guidance 136	›Start guidance‹
To switch off destination guidance 136	›Stop guidance‹
To display route criteria 135	›Route preference‹
To switch on voice instructions 139	›Navigation info on‹
To switch off voice instructions 139	›Navigation info off‹
To repeat voice instructions 139	›Repeat navigation info‹
To show arrow display 137	›Arrow display‹
To display map 138	›Map‹, ›Map facing north‹, ›Map direction of travel‹ or ›Perspective‹
To call up a route 127, 136	›Route‹
To open "New route" 140	›New route‹
To change scale 138	›Scale ... miles‹ or ›Scale ... feet‹
To display towns/cities and streets along the route 139	›Route list‹

Onboard info

Function	Command
To open "Car Data" 71	›Car Data‹
To display onboard info 71	›Onboard info‹
To display trip computer 71	›Trip computer‹
To open speed limit 81	›Limit‹
To open stopwatch 81	›Stopwatch‹

Entertainment

Function	Command
Tone control 145	›Audio‹
To switch on radio 148	›Radio on‹ , ›FM on‹ or ›AM on‹
To open "FM" 148	›FM menu‹
To open "AM" 148	›AM menu‹
To open "All stations" 148	›FM All stations‹
To select radio station 148	›Station‹ name or ›Choose station‹
To open "Presets" 148	›FM presets‹ or ›AM presets‹
To select radio presets 148	›Choose preset‹
To open "Manual" 149	›FM manual‹ or ›AM manual‹ or ›Choose frequency‹ , ›Frequency ... Megahertz‹
To open strongest radio station 149	›AM Autostore‹
To open "WB" 151	›Weather Band menu‹
To switch on Weather Band 151	›Weather Band on‹
To select Weather Band station 151	›Choose Weather Band station‹
To open "SAT" 154	›SAT radio menu‹
To switch on satellite radio 154	›SAT radio‹
To open "Presets" of satellite radio 155	›SAT radio presets‹
To open "All channels" of satellite radio 154	›SAT radio all channels‹
To open "Categories" of satellite radio 154	›SAT radio categories‹
To call up CD player 156	›CD menu‹
To switch on CD player 156	›CD‹
To call up CD changer 156	›CD changer menu‹
To switch on CD changer 156	›CD changer‹
To select CD 156	›CD 1...6‹
To select track 157	›CD track ...‹
To select CD and track 157	›CD 1...6 track ...‹
To select track 157	›Track ...‹
To call up DVD 156	›DVD player menu‹

Function	Command
To switch on DVD 156	›DVD player‹
To select music track on DVD 157	›DVD track ...‹
To start sound output for external audio device 162	›Audio Aux on‹

Climate

Function	Command
To open "Vent settings" 98	›Vent settings‹
To open "Automatic programs" 99	›Automatic programs‹

i menu

Function	Command
To open "Door locks" 30, 32	›Door locks‹
To open "Steering wheel buttons" 47	›Steering wheel buttons‹
To open "Lighting" 59	›Lighting‹
To open "Communication settings" 178	›Communication settings‹
To open "BMW Service settings" 178	›BMW Service settings‹
To open "BMW Service" 180	›BMW Service‹
To open "Service requirements" 75, 179	›Service requirements‹
To open "Service" 75, 179	›Service‹
To display "Check Control messages" 78	›Check Control messages‹
To open "Display settings" 82	›Display settings‹
To activate road-speed limit 81	›Limit on‹
To deactivate road-speed limit 81	›Limit off‹
To set brightness of Control Display 82	›Brightness‹
To open "Units" 69	›Units‹
To open "Languages" 82, 139	›Languages‹
To open "Time" 77	›Time‹
To open "Date" 78	›Date‹
To open "PDC" 83	›PDC‹
To open "FTM" 88	›FTM‹
To open "Entertainment settings" 145	›Entertainment settings‹

Everything from A-Z

Index

"..." Identifies Control Display texts used to select individual functions and refers you to the page where these texts can be found.

A

- ABS Antilock Brake System [84](#)
- ACC, refer to Active cruise control [62](#)
- Acceleration assistant with the sequential manual gearbox SMG [57](#)
- Accessories, refer to The individual vehicle [5](#)
- Activated-charcoal filter for automatic climate control [101](#)
- "Activation time" [101](#)
- Active cruise control [62](#)
 - indicator lamps [65](#)
 - malfunction [66](#)
 - selecting distance [64](#)
 - sensor [66](#)
- Active steering [89](#)
 - warning lamp [89](#)
- Adapter for spare key [28](#)
- Adaptive Head Light [95](#)
- "Add digits" for mobile phone [172](#)
- Additives
 - coolant [201](#)
- "Address book" in navigation [132](#)
- Address for navigation
 - deleting [133](#)
 - entering [125](#), [128](#), [132](#)
 - selecting [133](#)
 - storing [132](#)
 - storing current position [132](#)
- "Add to destination list" [128](#), [129](#)
- Adjusting temperature inside the car, refer to Automatic climate control [98](#)
- Adjusting the tone during audio operation, refer to Tone control [145](#)
- Adjustment in audio mode
 - front-to-rear [145](#)
 - right/left balance [145](#)
- Airbags [90](#)
 - sitting safely [40](#)
 - warning lamp [92](#)
- Air conditioning mode
 - automatic climate control [98](#)
 - ventilation [100](#)
- Air distribution
 - automatic [98](#)
 - individual [98](#)
- Air flow rate [99](#)
- Airing, refer to Ventilation [100](#)
- Air pressure, tires [188](#)
- Air recirculation, refer to Recirculated-air mode [99](#)
- "Air recirculation on / off" [47](#)
- Air supply
 - automatic climate control [98](#)
 - ventilation [100](#)
- Air vents [97](#)
- AKI, refer to Fuel specifications [186](#)
- Alarm system [34](#)
 - avoiding unintentional alarms [35](#)
 - interior motion sensor [35](#)
 - switching off an alarm [34](#)
 - tilt alarm sensor [35](#)
- "All channels" [154](#)
- All-season tires, refer to Winter tires [197](#)
- "All stations", calling up on radio [148](#)
- "AM", waveband [144](#), [148](#)
- Ambient air, refer to Recirculated-air mode [99](#)
- Antenna for mobile phone [166](#)
- Antifreeze
 - coolant [201](#)
 - washer fluid [60](#)
- Anti-theft alarm system, refer to Alarm system [34](#)
- Anti-theft system [30](#)
- Anti-trapping mechanism
 - glass sunroof, electric [39](#)
 - windows [37](#)
- Approved axle loads, refer to Weights [220](#)
- Approved gross vehicle weight, refer to Weights [220](#)
- Armrest, refer to Center armrest [106](#)
- Arrival time
 - computer [71](#)
 - destination guidance [136](#)
- "Arrow display" in navigation [137](#)
- Ashtray
 - front [107](#)
 - rear [108](#)
- Assist, refer to BMW Assist [178](#)
- Assistance systems, refer to Dynamic Stability Control DSC [84](#)
- Assistance window [20](#)
 - refer to iDrive [20](#)
- AUC Automatic recirculated-air control [99](#)
- Audio [144](#)
 - controls [144](#)
 - switching on/off [144](#)
 - tone control [145](#)
 - volume [145](#)
- "Audio Aux" [144](#), [162](#)

Audio device,
external [107](#), [162](#)
"Audio" tone settings [145](#)
"Auto. headlamps" [94](#)
Automatic
– air distribution [98](#)
– air flow rate [98](#)
– cruise control [60](#), [62](#)
– headlamp control [93](#)
– service notification [179](#)
– storing of stations [149](#)
Automatic climate control [97](#)
– automatic air distribution [98](#)
– settings via iDrive [98](#)
Automatic curb monitor [46](#)
"Automatic programs" with
automatic climate control [99](#)
Automatic recirculated-air
control AUC [99](#)
Automatic station search [149](#)
Automatic transmission with
Steptronic [57](#)
– interlock [57](#)
– overriding selector lever
lock [58](#)
– shiftlock [57](#)
– sport program [58](#)
"Automatic ventilation" [101](#)
AUTO program for automatic
climate control [98](#)
"Autostore"
– on the radio [150](#)
AUX-IN [162](#)
– port [107](#)
Average fuel consumption [71](#)
– setting the units [73](#)
Average speed [70](#)
"Avoid ferries" in
navigation [135](#)
"Avoid highways" in
navigation [135](#)
Avoid highways in
navigation [135](#)
Avoiding unintentional
alarms [35](#)
"Avoid tollroads" in
navigation [135](#)
Axle loads, refer to
Weights [220](#)

"A - Z" [172](#)

B

Backrests, refer to Seats [40](#)
Backrest width adjustment [42](#)
Back seats
– refer to Rear seats
Backup lamps
– replacing bulbs [208](#)
Backup lamps, refer to Tail
lamps [207](#)
Balance, tone control [145](#)
Band-aids, refer to First-aid
pouch [212](#)
Bar, refer to Tow-starting,
towing away [214](#)
Bass, tone control [145](#)
Bass sounds, refer to Tone
control [145](#)
Bass sounds, refer to Treble
and bass [145](#)
Battery [209](#)
– charging [209](#)
– disposal [37](#), [209](#)
– jump starting [212](#)
– temporary power failure [209](#)
Battery renewal
– remote control [37](#)
Being towed [213](#)
Belts, refer to Safety belts [45](#)
Belt tensioner, refer to Safety
belts [45](#)
Beverage holders, refer to
Cup holders [107](#)
Black ice, refer to Outside
temperature warning [69](#)
Blower, refer to Air flow
rate [99](#)
BMW Assist [178](#)
– enabling [178](#)
– services offered [179](#)
"BMW Contact" [182](#)
"BMW Contact
Numbers" [182](#)
BMW Homepage [4](#)
BMW Maintenance
System [203](#)
"BMW Service" [180](#)

"BMW Service settings" [179](#)
BMW webpage [4](#)
Bottle holders, refer to Cup
holders [107](#)
Brake assist, refer to Dynamic
Brake Control [84](#)
Brake fluid [202](#)
– level too low [202](#)
– warning lamp [202](#)
Brake fluid, refer to Service
requirements [74](#)
Brake Force Display [90](#)
Brake hydraulics, refer to
Brakes [202](#)
Brake lamps
– Brake Force Display [90](#)
– replacing bulbs [208](#)
Brake pads, breaking in [116](#)
Brake rotors [118](#)
– brakes [116](#)
– breaking in [116](#)
Brakes
– ABS [84](#)
– BMW Maintenance
System [203](#)
– brake fluid [202](#)
– brake pads [202](#)
– breaking in [116](#)
– handbrake [54](#)
– service requirements [74](#)
Brakes, refer to Braking
safely [117](#)
Brake system [116](#)
– BMW Maintenance
System [203](#)
– brake fluid [202](#)
– brake pads [202](#)
– breaking in [116](#)
– disc brakes [118](#)
Breakdown services, refer to
Roadside Assistance [211](#)
Braking in
– sequential manual gearbox
SMG [116](#)
Braking in the clutch [116](#)
Braking in the
differential [116](#)
Break-in period [116](#)

"Brightness"on the control display [82](#)
 Bulb changing, refer to Lamps and bulbs [205](#)
 Burned fuel
 – refer to Average consumption [71](#)
 Button for starting engine [52](#)
 Buttons on steering wheel [11](#)

C

California Proposition 65 warning [6](#)
 "Call" [172](#)
 Call
 – accepting [170](#)
 – displaying accepted [172](#)
 – ending [171](#)
 – in absence [172](#)
 – starting [171](#)
 Calling
 – from phone book [171](#)
 – from Top 8 list [172](#)
 – redialing [172](#)
 Can holders, refer to Cup holders [107](#)
 Capacities [221](#)
 Capacity of luggage compartment [220](#)
 Car battery, refer to Vehicle battery [209](#)
 Car care, refer to Caring for your vehicle brochure
 Car-care products, refer to Caring for your vehicle brochure
 "Car Data" [71](#)
 Care, refer to Caring for your vehicle brochure
 Cargo, securing [119](#)
 Cargo loading
 – stowing cargo [119](#)
 – vehicle [118](#)
 Caring for artificial leather, refer to Caring for your vehicle brochure

Caring for leather, refer to Caring for your vehicle brochure
 Caring for light-alloy wheels, refer to Caring for your vehicle brochure
 Caring for plastic, refer to Caring for your vehicle brochure
 Caring for the carpet, refer to Caring for your vehicle brochure
 Caring for the vehicle finish, refer to Caring for your vehicle brochure
 Car jack
 – jacking points [209](#)
 Car key, refer to Integrated key/remote control [28](#)
 Car phone [166](#)
 – installation location, refer to Center armrest [106](#)
 – refer to Mobile phone [166](#)
 – refer to separate Owner's Manual
 Car radio, refer to Radio [148](#)
 Car wash [118](#)
 – also refer to Caring for your vehicle brochure
 Catalytic converter, refer to Hot exhaust system [116](#)
 "Categories" [154](#)
 CBS Condition Based Service [203](#)
 "CD" [144](#), [156](#)
 CD changer [156](#)
 – controls [144](#)
 – fast forward/reverse [160](#)
 – installation location [160](#)
 – playing a track [158](#)
 – random order [159](#)
 – repeating a track [159](#)
 – selecting a CD [156](#)
 – selecting a track [157](#)
 – switching on/off [144](#)
 – tone control [145](#)
 – volume [145](#)

CD player [156](#)
 – controls [144](#)
 – fast forward/reverse [160](#)
 – playing a track [158](#)
 – random order [159](#)
 – repeating a track [159](#)
 – selecting a track [157](#)
 – switching on/off [144](#)
 – tone control [145](#)
 – volume [145](#)
 Center armrest [106](#)
 Center brake lamp
 – replacing bulbs [208](#)
 Center console, refer to Around the center console [14](#)
 "Central locking" [30](#)
 Central locking
 – from inside [32](#)
 – from outside [29](#)
 Central locking system [29](#)
 – convenient access [35](#)
 Changing bulbs [205](#)
 Changing the language on the Control Display [82](#)
 Changing the measurement units on the Control Display [73](#)
 Changing wheels [209](#)
 Chassis number, refer to Engine compartment [199](#)
 Check Control [79](#)
 "Check Control messages" [80](#)
 Check Gas Cap [186](#)
 Checking the air pressure, refer to Tire inflation pressure [188](#)
 Child-restraint fixing system LATCH [50](#)
 Child-restraint systems [49](#)
 Child-safety lock [51](#)
 Child seats [49](#)
 Chrome parts, care, refer to Caring for your vehicle brochure
 Cigarette lighter [108](#)
 – socket [108](#)

Cleaning, refer to Caring for your vehicle brochure
Cleaning headlamps **60**
– washer fluid **60**
"Climate" **98**
Clock **69**
– 12h/24h mode **78**
– setting time **77**
Closing
– from inside **32**
– from outside **30**
Clothes hooks **107**
Cockpit **10**
Cold start, refer to Starting the engine **53**
Combined instrument, refer to Instrument cluster **12**
Comfort Access, refer to Convenient access **35**
Comfort area, refer to Around the center console **14**
"Communication" **170**
"Communication settings" **179**
Compact disc, refer to
– CD changer **156**
– CD player **156**
Compartment for remote control, refer to Ignition lock **52**
Compass **104**
Computer **70**
– displays on Control Display **71**
– hour signal **78**
Computer, refer to iDrive **16**
"Concert hall" tone settings **146**
Condensation, refer to When the vehicle is parked **118**
Configuring settings, refer to Personal Profile **29**
Confirmation signals for locking/unlocking of the vehicle **31**
Connecting vacuum cleaner, refer to Connecting electrical appliances **108**

Consumption display
– average consumption **71**
Consumption indicator
– Energy Control **70**
"Continue guidance to destination?" **137**
Control Center, refer to iDrive **16**
Control Display
– settings **73**
– switching on/off **21**
Control Display, refer to iDrive **16**
Controller, refer to iDrive **16**
Controls and displays **10**
Control unit, refer to iDrive **16**
Convenience operation
– windows **30**
Convenience start, refer to Starting the engine **53**
Convenient access **35**
– replacing the battery **37**
– what to observe before entering a car wash **36**
Convenient operation
– windows with convenient access **36**
– with convenient access **36**
Coolant **201**
– adding **201**
– checking level **201**
Coolant temperature **69**
Cooling, maximum **98**
Cooling fluid, refer to Coolant **201**
Cornering lamps, refer to Adaptive Head Light **95**
Country of destination for navigation **126**
Courtesy lamps **96**
Cross-hairs in navigation **129**
Cruise control **60**
– active **62**
– malfunction **62**
Cruising range **70**
Cup holders **107**
Curb weight, refer to Weights **220**

Current consumption, refer to Energy Control **70**
"Current position" **140**
Current position
– displaying **140**
– entering **132**
– storing **132**
"Customer Relations" **180, 182**

D

Dashboard, refer to Cockpit **10**
Dashboard, refer to Instrument cluster **12**
Dashboard lighting, refer to Instrument lighting **96**
Data **218**
– capacities **221**
– dimensions **219**
– engine **218**
– weights **220**
"Date" **79**
Date
– setting **78**
– setting format **79**
"Date format" **79**
Daytime driving lamps **94**
"Daytime running light" **95**
DBC Dynamic Brake Control **84**
DCC, refer to Cruise control **60**
"Deactivated" **44**
Deactivating front passenger airbags **91**
Deadlocking, refer to Locking **30**
Decommissioning the vehicle
– refer to Caring for your vehicle brochure
Defect
– door lock **32**
– fuel filler door **186**
– glass sunroof **39**
Defogging windows **100**
Defrosting windows **100**

- Defrosting windows and removing condensation
 - automatic climate control [100](#)
 - Defrosting windshield, refer to Defrosting windows [100](#)
 - Defrost position, refer to Defrosting windows [100](#)
 - "Delete address book" in navigation [134](#)
 - "Delete all numbers" on the mobile phone [173](#)
 - "Delete data" in navigation [134](#)
 - "Delete" for mobile phone [173](#)
 - Destination address
 - deleting [133](#)
 - entering [125](#), [128](#)
 - Destination for navigation
 - entry [125](#)
 - navigation list [131](#)
 - selecting from address book [133](#)
 - selecting using information [130](#)
 - storing [132](#)
 - Destination guidance [136](#)
 - bypassing route sections [140](#)
 - canceling voice instructions [48](#)
 - changing specified route [134](#)
 - displaying route [137](#)
 - displaying routes [137](#)
 - distance and arrival [136](#)
 - interrupting [136](#)
 - starting [136](#)
 - terminating/continuing [136](#)
 - voice instructions [139](#)
 - volume of voice instructions [139](#)
 - Destination list for navigation system [131](#)
 - Destinations recently driven to [131](#)
 - "Dial" for mobile phone [171](#)
 - "Dial number" [171](#)
 - Digital clock [69](#)
 - Digital compass [104](#)
 - Digital radio [151](#)
 - Dimensions [219](#)
 - Directional indicators, refer to Turn signals [58](#)
 - Direction instructions, refer to Voice instructions [139](#)
 - Directory for navigation, refer to Address book [132](#)
 - Displacement, refer to Engine data [218](#)
 - Display, refer to iDrive controls [16](#)
 - Display lighting, refer to Instrument lighting [96](#)
 - "Display off" [21](#)
 - Displays
 - instrument cluster [12](#)
 - on the Control Display [16](#)
 - Displays and controls [10](#)
 - "Display settings" [77](#)
 - Disposal
 - coolant [201](#)
 - remote control battery [37](#)
 - vehicle battery [209](#)
 - Distance control, refer to Active cruise control [62](#)
 - Distance remaining to service, refer to Service requirements [74](#)
 - "Distance to dest." [71](#)
 - Distance warning, refer to PDC Park Distance Control [83](#)
 - Door key, refer to Integrated key/remote control [28](#)
 - Door lock [32](#)
 - Door locking, confirmation signals [31](#)
 - "Door locks" [30](#)
 - Doors, emergency operation [32](#)
 - DOT Quality Grades [194](#)
 - Draft-free ventilation [100](#)
 - Drinks holders, refer to Cup holders [107](#)
 - Drive mode [56](#)
 - Drive-off assistant [87](#)
 - Driving lamps, refer to Parking lamps/low beams [93](#)
 - Driving notes [116](#)
 - Driving route, refer to Displaying route [137](#)
 - Driving stability control systems [84](#)
 - Driving through water [117](#)
 - Driving tips, refer to Driving notes [116](#)
 - Dry air, refer to Cooling function [100](#)
 - DSC Dynamic Stability Control [84](#)
 - DTC Dynamic Traction Control [85](#)
 - indicator lamps [85](#)
 - DVD for navigation [124](#)
 - Dynamic Driving Control [56](#)
 - Dynamic Traction Control DTC
 - indicator lamps [85](#)
- ## E
- EBV Electronic brake-force distribution [84](#)
 - Eject button, refer to Buttons on the CD player [144](#)
 - Electrical malfunction
 - door lock [32](#)
 - fuel filler door [186](#)
 - glass sunroof [39](#)
 - panorama glass roof [39](#)
 - Electric seat adjustment [41](#)
 - Electronic brake-force distribution [84](#)
 - Electronic oil level check [199](#)
 - Emergency call [211](#)
 - Emergency operation, refer to Closing manually
 - glass sunroof [39](#)
 - panorama glass roof [39](#)
 - Emergency operation, refer to Manual operation
 - door lock [32](#)
 - fuel filler door [186](#)
 - transmission lock, automatic transmission [58](#)

Emergency release
– luggage compartment lid from inside [34](#)
Emergency services, refer to Roadside Assistance [211](#)
Emissions test, refer to Service requirements [74](#)
"Enable services" [179](#)
"End call" [171](#)
Energy-conscious driving, refer to Energy Control [70](#)
Energy Control [70](#)
Engine
– breaking in [116](#)
– data [218](#)
– overheated, refer to Coolant temperature [69](#)
– speed [218](#)
– starting [53](#)
– starting, convenient access [35](#)
– switching off [53](#)
Engine compartment [199](#)
Engine coolant, refer to Coolant [201](#)
Engine oil
– adding [201](#)
– BMW Maintenance System [203](#)
– checking level [199](#)
– intervals between changes, refer to Service requirements [74](#)
"Engine oil level" [200](#)
Engine output, refer to Engine data [218](#)
Engine speed [218](#)
Engine starting, refer to Starting the engine [53](#)
"Enter address" [126](#)
Entering destination [126](#)
Entering the address [128](#)
Entering the intersection [127](#)
"Entertainment" [144](#)
"Entertainment settings" [145](#), [152](#)
Environmentally friendly driving, refer to Energy Control [70](#)

"Equalizer", refer to Tone control [146](#)
Equalizer, refer to Tone control [146](#)
Error messages, refer to Check Control [79](#)
"ESN" [154](#)
ESP Electronic Stability Program, refer to DSC Dynamic Stability Control [84](#)
Event data recorders [204](#)
Exhaust system, refer to Hot exhaust system [116](#)
Exterior mirrors [45](#)
– adjusting [45](#)
– automatic dimming feature [117](#)
– automatic heating [46](#)
External audio device [107](#), [162](#)
Eyes
– for tow-starting and towing away [213](#)
– for tying down loads [119](#)

F

Fader, tone control [145](#)
Failure messages, refer to Check Control [79](#)
Failure of an electrical consumer [209](#)
False alarm, refer to Avoiding unintentional alarms [35](#)
Fastening safety belts, refer to Safety belts [45](#)
Fastest route for navigation [134](#)
Fast forward
– CD changer [160](#)
– CD player [160](#)
"Fast route" in navigation [135](#)
Filter
– refer to Microfilter/activated-charcoal filter for automatic climate control [101](#)
First aid pouch [212](#)

Fixture for remote control, refer to Ignition lock [52](#)
Flashlight, refer to Rechargeable flashlight [106](#)
Flash when locking/unlocking [31](#)
Flat
– Run-Flat Tires [196](#)
Flat Tire Monitor FTM [88](#)
– indicating a flat tire [89](#)
– initializing the system [88](#)
– malfunction [89](#)
– snow chains [88](#), [197](#)
– system limits [88](#)
Flat tires, refer to Tire condition [195](#)
"FM", waveband [144](#), [148](#)
FM, waveband [148](#)
Fog lamps [95](#)
– indicator lamp [13](#), [95](#)
Footbrake, refer to Braking safely [117](#)
Footwell lamps [96](#)
For your own safety [5](#)
Front airbags [90](#)
Front seat adjustment [40](#)
"FTM" [88](#)
FTM, refer to Flat Tire Monitor [88](#)
Fuel [186](#)
– display [70](#)
– high-quality brands [186](#)
– quality [186](#)
– specifications [186](#)
– tank capacity [221](#)
Fuel clock, refer to Fuel gauge [70](#)
Fuel consumption, refer to Average fuel consumption [71](#)
Fuel display, refer to Fuel gauge [70](#)
Fuel filler door [186](#)
– releasing in the event of electrical malfunction [186](#)
Fuses [209](#)

G

- Garage door opener, refer to Integrated universal remote control [103](#)
- Gasoline, refer to Required fuel [186](#)
- Gasoline display, refer to Fuel gauge [70](#)
- Gasoline engine, checking oil level [199](#)
- Gear indicator
 - automatic transmission with Steptronic [57](#)
 - sequential manual gearbox SMG [55](#)
- Gearshift lever
 - automatic transmission with Steptronic [57](#)
 - manual transmission [54](#)
 - sequential manual gearbox SMG [55](#)
- Gearshifts
 - with automatic transmission [57](#)
 - with manual transmission [54](#)
 - with the sequential manual gearbox SMG [55](#)
- General driving notes [116](#)
- Glass sunroof, electric [38](#)
 - anti-trapping mechanism [39](#)
 - closing after electrical malfunction [39](#)
 - convenient operation [30](#), [32](#)
 - opening, closing [38](#)
 - operation with convenient access [36](#)
 - raising [38](#)
 - remote control [30](#)
- Glove compartment [106](#)
 - rechargeable flashlight [106](#)
- GPS navigation, refer to Navigation system [124](#)
- Grills [97](#)
- Gross vehicle weight, refer to Weights [220](#)

H

- Halogen lamps
 - replacing bulbs [206](#)
- Handbrake [54](#)
 - indicator lamp [54](#)
- Hand lamp, refer to Rechargeable flashlight [106](#)
- Hands-free system [14](#)
- Hazard warning flashers [14](#)
- HD, refer to High Definition Radio [151](#)
- Head airbags [90](#)
- Headlamp control, automatic [93](#)
- Headlamp cover [206](#)
- Headlamp flasher [58](#)
 - indicator lamp [11](#), [13](#)
- Headlamps
 - care, refer to Caring for your vehicle brochure
 - replacing bulbs [206](#)
- Head restraints [42](#)
 - sitting safely [40](#)
- Heated
 - mirrors [46](#)
 - rear window [100](#)
 - seats [43](#)
- Heating
 - mirrors [46](#)
 - rear window [100](#)
 - seats [43](#)
- Heating while at a standstill, refer to Using residual heat [99](#)
- Heavy loads, refer to Stowing cargo [119](#)
- Height, refer to Dimensions [219](#)
- Height adjustment
 - seats [41](#)
 - steering wheel [47](#)
- High beams [95](#)
 - headlamp flasher [95](#)
 - indicator lamp [13](#)
 - replacing bulbs [206](#)
- High Definition Radio [151](#)
- High water, refer to Driving through water [117](#)

- Highways, refer to Route criteria [135](#)
- Hills [117](#)
- Holders for cups [107](#)
- "Home address" in navigation [134](#)
- Homepage [4](#)
- Hood [198](#)
- Horn [10](#)
- Hot exhaust system [116](#)
- "Hour memo" [78](#)
- "House number" in destination entry [128](#)
- Hydraulic brake assist, refer to Dynamic Brake Control [84](#)
- Hydroplaning [117](#)

I

- IBOC, refer to High Definition Radio [151](#)
- Ice warning [69](#)
- ID3 tag, refer to Information about the track [158](#)
- iDrive [16](#)
 - adjusting brightness [82](#)
 - assistance window [20](#)
 - automatic climate control [98](#)
 - changing language [82](#)
 - date and time, setting [77](#)
 - displays, menus [17](#)
 - menu guidance [17](#)
 - operating principle [16](#)
 - overview [16](#)
 - selecting a menu item [19](#)
 - status information [20](#)
 - switching menu pages [19](#)
 - symbols [18](#)
- Ignition [52](#)
 - switched off [52](#)
 - switched on [52](#)
- Ignition key, refer to Integrated key/remote control [28](#)
- Ignition key position 1, refer to Radio readiness [52](#)
- Ignition key position 2, refer to Ignition on [52](#)
- Ignition lock [52](#)

Indicator and warning lamps **13**
Individual air distribution **98**
Individually programmable buttons on steering wheel **47**
Individual settings, refer to Personal Profile **29**
Information
– on another location **130**
– on country **130**
– on current position **130**
– on destination location **130**
"Information" in navigation **131**
"Information on destination" **132**
Initializing
– compass, refer to Calibrating **105**
– Flat Tire Monitor FTM **88**
– glass sunroof **39**
"Input map" **130**
Installation location
– CD changer **160**
Instructions for navigation system, refer to Voice instructions **139**
Instrument cluster **12**
Instrument lighting **96**
Instrument panel, refer to Cockpit **10**
Integrated key **28**
Integrated universal remote control **103**
Interesting destination for navigation **130**
"Interim time" **82**
Interior lamps **96**
– remote control **30**
Interior motion sensor **35**
Interior rearview mirror **46**
– automatic dimming feature **117**
Interior rearview mirror with digital compass **104**
Interlock **57**
Intermittent mode of the wipers **59**

J

Jacking points **209**
Joystick, refer to iDrive **16**
Jumping, refer to Jump starting **212**
Jump starting **212**

K

Key, refer to Integrated key/remote control **28**
Keyless Go, refer to Convenient access **35**
Keyless opening and closing, refer to Convenient access **35**
Key Memory, refer to Personal Profile **29**
"Keypad" **173**
Kick-down **58**
– automatic transmission with Steptronic **58**
– sequential manual gearbox SMG **56**
Knock control **186**

L

Lamps, refer to Parking lamps/low beams **93**
Lamps and bulbs, replacing bulbs **205**
"Languages" in navigation **139**
"Languages" on the control display **82**
Lap-and-shoulder safety belt **45**
Lashing eyes, refer to Securing cargo **119**
Last destinations, refer to Destination list **131**
"Last seat pos." **44**
LATCH child-restraint fixing system **50**
LEDs light-emitting diodes **205**

Length, refer to Dimensions **219**
License plate lamp, replacing bulbs **208**
Light-emitting diodes LEDs **205**
Lighter **108**
"Lighting" **94**
Lighting
– instruments **96**
– lamps and bulbs **205**
– of the vehicle, refer to Lamps **93**
Light switch **93**
"Limit" **81**
Limit, refer to Speed limit **81**
Loading
– securing cargo **119**
Load securing equipment, refer to Securing cargo **119**
Location
– drive for navigation DVD and audio CD **124**
Lock buttons in the doors, refer to Locking **33**
Locking
– adjusting confirmation signal **31**
– from inside **33**
– from outside **30**
– without remote control, refer to Convenient access **35**
Locking and unlocking doors
– from inside **32**
– from outside **30**
"LOGIC7", refer to Tone control **146**
Low beams **93**
– automatic **93**
– replacing bulbs **206**
Lower back support, refer to Lumbar support **41**

- Luggage compartment
 - capacity [220](#)
 - convenient access [36](#)
 - folding up the floor panel [110](#)
 - lamp [96](#)
 - opening from inside [33](#)
 - opening from outside [33](#)
- Luggage compartment lid [33](#)
 - convenient access [36](#)
 - unlocking with remote control [31](#)
- Luggage compartment lid, refer to Tailgate [33](#)
- Luggage compartment net, refer to Securing cargo [119](#)
- Luggage rack, refer to Roof-mounted luggage rack [119](#)
- Lumbar support [41](#)

M

- M+S tires, refer to Winter tires [197](#)
- Maintenance, refer to Service Booklet
- Maintenance system [203](#)
- Malfunction warnings, refer to Check Control [79](#)
- Manual mode
 - automatic transmission with Steptronic [58](#)
 - sequential manual gearbox SMG [55](#)
- "Manual" on the radio [149](#)
- Manual operation
 - door lock [32](#)
 - glass sunroof [39](#)
 - panorama glass roof [39](#)
 - transmission lock, automatic transmission [58](#)
- Manual release
 - fuel filler door [186](#)
- Manual transmission [54](#)
- Map
 - changing scale [138](#)
 - destination entry [129](#)
- "Map direction of travel" [138](#)
- "Map facing north" [138](#)

- Master key, refer to Integrated key/remote control [28](#)
- Maximum cooling [98](#)
- Maximum speed
 - with winter tires [197](#)
- Memory, refer to Seat and mirror memory [44](#)
- MENU button [16](#)
- Menus, refer to iDrive [16](#)
- Microfilter
 - BMW Maintenance System [203](#)
 - for automatic climate control [101](#)
- Microfilter/activated-charcoal filter
 - BMW Maintenance System [203](#)
- Microphone for telephone [14](#)
- Mirror dimming feature [117](#)
- Mirrors [45](#)
 - automatic curb monitor [46](#)
 - exterior mirrors [45](#)
 - heating [46](#)
 - interior rearview mirror [46](#)
- "Missed calls" [172](#)
- Missed calls [172](#)
- Mobile phone
 - accepted calls [172](#)
 - adjusting volume [170](#)
 - calling [171](#)
 - ending call [171](#)
 - installation location, refer to Center armrest [106](#)
 - missed calls [172](#)
 - operation via iDrive [170](#)
 - redialing [172](#)
 - refer to separate Owner's Manual
 - Top 8 [172](#)
 - touch tone dialing [173](#)
- Mobile phone, installation location, refer to Center armrest [106](#)
- Mobile phone, refer to the separate Owner's Manual
- Mobile phone in the vehicle [116](#)

- Mobile phones, use inside the car, refer to Mobile phone in the vehicle [116](#)
- Modifications, technical, refer to For your own safety [5](#)
- Monitor, refer to iDrive controls [16](#)
- Monitoring system for tire pressures, refer to Flat Tire Monitor [88](#)
- "Monitor on / off" [47](#)
- Most recent mobile phone numbers [172](#)
- MP3, refer to Compressed audio files [156](#)
- Multifunction steering wheel, refer to Buttons on the steering wheel [11](#)
- Multifunction switch
 - refer to Turn signals/headlamp flasher [58](#)
 - refer to Wiper system [59](#)
- Music track
 - finding [158](#)
- "Mute on / off" [47](#)
- Muting the TV [144](#)

N

- "Navigation" [125](#)
- Navigation address
 - home address [134](#)
- Navigation announcements, refer to Switching voice instructions on/off [139](#)
- Navigation destination
 - manual entry [125](#), [128](#)
 - selecting via map [129](#)
- Navigation drive, location [124](#)
- Navigation DVD [124](#)

Navigation system [124](#)
– address book [132](#)
– destination entry [125](#)
– destination guidance in assistance window [124](#)
– destination list [131](#)
– displaying current position [140](#)
– entering a destination manually [125](#), [128](#)
– last destinations [131](#)
– opening [125](#)
– route display [137](#)
– route list [139](#)
– searching for a special destination [130](#)
– selecting destination using information [130](#)
– selecting destination via map [129](#)
– selecting route criteria [134](#)
– starting destination guidance [136](#)
– switching off, refer to Terminating/continuing destination guidance [136](#)
– terminating/continuing destination guidance [136](#)
– voice instructions [139](#)
– volume adjustment [139](#)
"Navigation voice instructions" via buttons on the steering wheel [47](#)
Neck support, refer to Head restraints [42](#)
Nets, refer to Storage compartments [107](#)
"New address" in navigation [132](#)
"New destination" [125](#), [129](#)
"New route" [140](#)
New tires [196](#)
"Next entertainment source" [47](#)
North-facing map [138](#)
Nose weight [220](#)
Nozzles [97](#)
Nozzles, refer to Windshield washer nozzles [60](#)

Number of cylinders, refer to Engine data [218](#)

O

OBd socket [204](#)
OBd socket, refer to Socket for On-Board Diagnosis [204](#)
Octane ratings, refer to Fuel specifications [186](#)
Odometer [69](#)
Oil
– capacity [221](#)
Oil, refer to Engine oil [199](#)
Oil consumption [199](#)
Oil level [199](#)
Old batteries, refer to Disposal [209](#)
"On a new destination" in navigation [131](#)
"Onboard info" [71](#)
Onboard tool kit [205](#)
"On destination" [131](#)
"On location" [131](#)
Opening and closing
– convenient access [35](#)
– from inside [32](#)
– from outside [30](#)
– using the door lock [32](#)
– via the remote control [30](#)
Opening and unlocking
– from the inside [32](#)
Operation by voice for mobile phone [174](#)
– adjusting volume [175](#)
– canceling [174](#)
– correcting phone number [175](#)
– dialing phone number [175](#)
– placing a call [175](#)
– redialing [176](#)
– voice commands [174](#)
– voice phone book [175](#)
Orientation menu, refer to Start menu [17](#)
Outlets
– refer to Ventilation [100](#)
Output, refer to Engine data [218](#)

Outside-air mode
– automatic climate control [99](#)
Outside-temperature display [69](#)
– changing units of measure [73](#)
– in computer [73](#)
Overheated engine, refer to Coolant temperature [69](#)
Overriding selector lever lock [58](#)

P

Panorama glass roof
– closing after electrical malfunction [39](#)
– convenient operation [30](#)
– remote control [30](#)
"Parked car operation" [101](#)
"Parked car ventilation" [101](#)
Parked car ventilation [101](#)
Parked car ventilation/heating
– activating switch-on times [102](#)
– preselecting switch-on times [101](#)
– switching on and off directly [101](#)
Parking
– vehicle [53](#)
Parking aid, refer to PDC Park Distance Control [83](#)
Parking brake, refer to Handbrake [54](#)
Parking lamps/low beams [93](#)
– replacing bulbs [207](#)
Parts and accessories, refer to The individual vehicle [5](#)
Passenger-side mirror tilt function [46](#)
"Pathway lighting" [94](#)
Pathway lighting [94](#)
"PDC" [84](#)
PDC Park Distance Control [83](#)
Personal Profile [29](#)
"Perspective" [138](#)
Phone book [170](#)

Phone numbers
 – deleting from phone book **173**
 – dialing **171**
 – most recent numbers **172**
 – selecting in phone book **172**
 – Top 8 **172**
 Placing a call, refer to telephone owner's manual
 "Play" for audio mode **157**
 "Play"
 on the radio **155**
 Pollen
 – refer to Microfilter/activated-charcoal filter for automatic climate control **101**
 Position
 – displaying **140**
 – storing **132**
 Power failure **209**
 Power windows **37**
 – safety switch **38**
 Power windows, refer to Windows **37**
 Preselecting the switch-on times for parked car ventilation/heating **101**
 "Presets", calling up on radio **148**
 "Presets" on the radio **154**
 Pressure, tires **188**
 Pressure monitoring, tires **88**
 – Flat Tire Monitor **88**
 Protection function, refer to Anti-trapping mechanism
 – glass sunroof, electric **39**
 – windows **37**
 Providing medical assistance, refer to First aid pouch **212**
 Puncture
 – Flat Tire Monitor **88**

R

Radio
 – autostore **149**
 – controls **144**
 – sampling stations **149**
 – satellite radio **153**
 – selecting the frequency manually **149**
 – selecting the waveband **144, 148**
 – station search **149**
 – station selection **148**
 – stations with the best reception **149**
 – storing stations **150**
 – switching on/off **144**
 – tone control **145**
 – volume **145**
 – Weather Band **151**
 Radio key, refer to Integrated key/Remote control **28**
 Radio position, refer to Radio readiness **52**
 Radio readiness **52**
 – switched off **52**
 – switched on **52**
 Rain sensor **59**
 "Random", random play **160**
 "Random all" for audio mode **160**
 "Random directory" for audio mode **160**
 Reading lamps **96**
 Rear lamps, refer to Tail lamps **207**
 – replacing bulbs **208**
 Rear seats
 – adjusting head restraints **43**
 – folding head restraint down and up **43**
 Rear turn signals
 – replacing bulbs **208**
 Rear ventilation **100**
 Rearview mirror, refer to Mirrors **45**
 Rear window defroster **100**
 Rear window roller blind, refer to Roller sun blinds **106**

Rear window safety switch **38**
 "Received calls" **172**
 Receiving level of mobile phone, refer to Status information **20**
 Reception
 – radio stations **151**
 Rechargeable flashlight **106**
 Recirculated-air mode **99**
 Recirculation of air, refer to Recirculated-air mode **99**
 Reclining seat, refer to Backrest **41**
 Recording times, refer to Stopwatch **81**
 "Redial" for mobile phone **172**
 Refueling **186**
 Releasing
 – hood **198**
 Remaining distance, refer to Cruising range **70**
 Remote control **28**
 – battery renewal **37**
 – convenient access **35**
 – garage door opener **103**
 – luggage compartment lid **31**
 – malfunctions **31, 36**
 – service data **203**
 "Repeat directory" for audio mode **159**
 "Repeat" for audio mode **159**
 "Repeat track" for audio mode **159**
 Replacement remote control **28**
 Replacing bulbs, refer to Lamps and bulbs **205**
 Replacing tires, refer to New wheels and tires **196**
 Reporting an accident, refer to Initiating an emergency call **211**
 Reporting safety defects **6**
 Reserve warning, refer to Fuel gauge **70**
 Reservoir for washer systems **60**
 Reset, refer to Resetting tone settings **147**

"Reset" for stopwatch [82](#)
"Reset" for tone settings [147](#)
Residual heat mode [99](#)
Restraint systems
– for children [49](#)
– refer to Safety belts [45](#)
Reverse
– CD changer [160](#)
– CD player [160](#)
Reverse gear
– automatic transmission with Steptronic [58](#)
– manual transmission [55](#)
– sequential manual gearbox SMG [55](#)
Road map [138](#)
"Roadside Assistance" [180](#)
Roadside Assistance [180, 211](#)
Roadside parking lamps [95](#)
– replacing bulbs [207](#)
Roadworthiness test, refer to Service requirements [74](#)
Roller blind
– sun blinds [106](#)
Roof load capacity [220](#)
Roof-mounted luggage rack [119](#)
Rope, refer to Tow-starting, towing away [214](#)
Rotary/pushbutton, refer to iDrive [16](#)
Route [134](#)
– bypassing sections [140](#)
– changing [134](#)
– display [137](#)
– displaying arrow view [137](#)
– displaying map view [138](#)
– displaying town [139](#)
– list [139](#)
– selecting [134](#)
– selecting criteria [134](#)
Route selection [134](#)
RSC Runflat System
Component, refer to Run-Flat Tires [196](#)
Runflat System Component RSC, refer to Run-Flat Tires [196](#)

Run-Flat Tires [196](#)
– continuing driving with a damaged tire [89](#)
– flat tire [89](#)
– new tires [196](#)
– replacing tires [196](#)
– tire pressures [188](#)
– winter tires [197](#)
Runflat Tyres, refer to Run-Flat Tires [196](#)

S

Safety-belt height adjustment [45](#)
Safety belts [45](#)
– damage [45](#)
– indicator lamp [45](#)
– reminder [45](#)
– sitting safely [40](#)
Safety systems
– airbags [90](#)
– Antilock Brake System ABS [84](#)
– Dynamic Stability Control DSC [84](#)
– safety belts [45](#)
Safety tires, refer to Run-Flat Tires [196](#)
Sampling tracks
– scan [158](#)
Satellite radio [153](#)
– enabling [153](#)
– selecting channel [154](#)
– storing channel [154](#)
"SAT" for radio [144, 153](#)
"Scan"
– sampling radio stations [149](#)
– sampling tracks on CD [158](#)
Scan
– CD changer [158](#)
– CD player [158](#)
– radio [149](#)
"Scan all" for audio mode [159](#)
"Scan directory" for audio mode [159](#)
Screen, refer to iDrive controls [16](#)

Screw thread for tow fitting [213](#)
SDARS, refer to Satellite radio [153](#)
Seat adjustment
– electric [41](#)
– mechanical [41](#)
Seat and mirror memory [44](#)
Seat belt reminder, refer to 'Fasten safety belts' reminder [45](#)
Seats [40](#)
– adjusting the seats [41](#)
– heating [43](#)
– sitting safely [40](#)
Securing cargo [111](#)
Securing the vehicle
– from inside [32](#)
– from outside [30](#)
"Select as destination" [131](#)
"Select current speed" [81](#)
Selecting an audio source [144](#)
Selecting distance for active cruise control [64](#)
Selecting menu items [19](#)
Selecting new scale for navigation [138](#)
Selecting the frequency manually [149](#)
Selecting the route [134](#)
Selection options with navigation system [134](#)
Selector lever
– automatic transmission with Steptronic [57](#)
– sequential manual gearbox SMG [55](#)
Selector lever lock, refer to Shiftlock
– automatic transmission with Steptronic [57](#)
– sequential manual gearbox SMG [55](#)
Selector lever positions
– automatic transmission with Steptronic [57](#)
– sequential manual gearbox SMG [55](#)

- Sequential manual gearbox
 - SMG [55](#)
 - acceleration assistant [57](#)
 - breaking in [116](#)
 - Dynamic Driving Control [56](#)
 - gear indicator [55](#)
 - kick-down [56](#)
 - shiftlock [55](#)
 - tow-starting [215](#)
- "Service" [80](#), [179](#), [200](#)
- Service, refer to Roadside Assistance [211](#)
- Service car, refer to Roadside Assistance [211](#)
- Service data in the remote control [203](#)
- Service Interval Display, refer to Condition Based Service CBS [203](#)
- "Service notification" [179](#)
- "Service Request" [180](#), [182](#)
- Service requirement display, refer to Condition Based Service CBS [203](#)
- "Service requirements" [75](#), [179](#), [200](#)
- Service requirements [74](#)
- "Service Status" [179](#)
- "Set date" [79](#)
- "Set" for audio mode [144](#)
- "Set time" [78](#)
- Settings
 - clock, 12h/24h mode [78](#)
 - date format [79](#)
- Setting times, refer to Preselecting switch-on times [101](#)
- "Set tire pressure" [88](#)
- Shifting gears
 - automatic transmission with Steptronic [58](#)
 - sequential manual gearbox SMG [55](#)
- Shiftlock
 - automatic transmission, refer to Changing selector lever positions [57](#)
 - sequential manual gearbox SMG [55](#)
- Shift paddles [56](#)
- Short commands of voice command system [222](#)
- Shortest route in navigation, refer to Selecting route [134](#)
- "Short route" in navigation [135](#)
- "Show current position" [130](#)
- "Show destination position" [130](#)
- Shuffled, refer to Random
 - CD changer [159](#)
 - CD player [159](#)
- Side airbags [90](#)
- Side-mounted turn signals
 - replacing bulbs [207](#)
- Side window blind, refer to Roller sun blinds [106](#)
- Side windows, refer to Windows [37](#)
- Signal horn, refer to Horn [10](#)
- Sitting safely [40](#)
 - airbags [40](#)
 - safety belt [40](#)
 - with head restraint [40](#)
- Ski bag [111](#)
- Ski sack, refer to Ski bag [111](#)
- Sliding/tilt sunroof, refer to Glass sunroof, electric [38](#)
- Slot for remote control [52](#)
- SMG, refer to Sequential manual gearbox [55](#)
- Smokers' package, refer to Ashtray [108](#)
- Snap-in adapter, refer to Center armrest storage compartment [106](#)
- Socket, refer to Connecting electrical appliances [108](#)
- Socket for On-Board Diagnosis OBD [204](#)
- Song search, refer to Playing a track [158](#)
- Sound output for entertainment on/off [144](#)
- Spare fuses [209](#)
- Spare fuses, refer to Fuses [209](#)
- Spare key [28](#)
 - adapter [28](#)
- Spark plugs, refer to Service requirements [74](#)
- Speaking, refer to Voice instructions for navigation system [139](#)
- Speed
 - with winter tires [197](#)
- Speed-dependent volume [145](#)
- Speed limit [81](#)
 - setting [81](#)
- Speed limit warning, refer to Speed limit [81](#)
- Speedometer [12](#)
- "Speed volume", refer to Tone control [146](#)
- Sport program
 - refer to Dynamic Driving Control [56](#)
- Sports seat [42](#)
- Stability control, refer to Driving stability control systems [84](#)
- Start/stop button [52](#)
 - starting the engine [53](#)
 - switching off the engine [53](#)
- "Start guid-ance" [128](#), [132](#), [133](#), [136](#)
- Starting
 - difficulties, temperature [53](#)
- Starting, refer to Starting the engine [53](#)
- Starting assistance, refer to Jump starting [212](#)
- Starting the engine
 - start/stop button [52](#)
- Start menu [17](#)
- "State / Province" in destination entry [126](#)
- Station, refer to Radio [148](#)
- "Status" [75](#)
- Status of this Owner's Manual at time of printing [5](#)

Steering wheel [47](#)
– adjustment [47](#)
– buttons on steering wheel [11](#)
– freely programmable buttons [47](#)
– lock [52](#)
"Steering wheel buttons" [47](#)
Steering with variable ratio, refer to Active steering [89](#)
Steptronic, refer to Automatic transmission with Steptronic [57](#)
"Stopwatch" [81](#)
Stopwatch [81](#)
Storage compartments [107](#)
"Store in address book" in navigation [132](#)
"Store" on the radio [150](#), [155](#)
Storing current position [132](#)
Storing radio stations [150](#)
Storing seat positions, refer to Seat and mirror memory [44](#)
Storing tires [197](#)
Stowage, refer to Storage compartments [107](#)
"Street" in destination entry [127](#)
Summer tires, refer to Wheels and tires [188](#)
Sun blinds [106](#)
Switches, refer to Cockpit [10](#)
Switching off
– engine [53](#)
Switching off the engine
– start/stop button [52](#)
Switching on
– audio [144](#)
– CD changer [144](#)
– CD player [144](#)
– radio [144](#)
Switching on the hour signal [78](#)
Switching the cooling function on and off [100](#)
Symbols [4](#)
– Control Display [20](#)

T

Tachometer [69](#)
Tailgate
– locking or unlocking separately [33](#)
– opening and closing [33](#)
– opening from inside [33](#)
– opening from outside [33](#)
Tail lamps [207](#)
– replacing bulbs [208](#)
Tank contents, refer to Capacities [221](#)
Technical data [218](#)
Technical modifications [5](#)
Telematik, refer to TeleService, BMW Assist [178](#)
Telephone
– installation location, refer to Center armrest [106](#)
– refer to separate Owner's Manual
Telephone, refer to Mobile phone [166](#)
"Telephone list" [47](#)
TeleService [178](#)
– enabling [178](#)
– services offered [179](#)
Temperature adjustments
– automatic climate control [98](#)
Temperature display
– ice warning [69](#)
– outside temperature [69](#)
– setting the units [73](#)
Temperature of the coolant, refer to Coolant temperature [69](#)
Tensioning straps, refer to Securing cargo [119](#)
"Terminate services" [181](#)
"Text language" [82](#)
"Theater" tone settings [146](#)
The individual vehicle [5](#)
Thigh support [42](#)
Third brake lamp, refer to Center brake lamp [208](#)
Tilt alarm sensor [35](#)
Tilt function, passenger-side mirror [46](#)
"Time" [78](#)
"Time format" [78](#)
Timer, refer to Preselecting switch-on times [101](#)
"Timer 1" for parked car ventilation/heating [101](#)
"Timer 2" for parked car ventilation/heating [101](#)
Tire inflation pressures [188](#)
Tire pressure
– loss [89](#)
Tire pressure monitoring, refer to Flat Tire Monitor [88](#)
Tire puncture, refer to Flat Tire Monitor [89](#)
Tire Quality Grading [194](#)
Tires
– age [194](#), [196](#)
– breaking in [116](#)
– changing, refer to Changing wheels [209](#)
– condition [195](#)
– damage [195](#)
– inflation pressure [188](#)
– minimum tread depth [195](#)
– new tires [196](#)
– pressure monitoring, refer to Flat Tire Monitor [88](#)
– puncture [89](#)
– Run-Flat Tires [196](#)
– size [194](#)
– wear indicators, refer to Minimum tread depth [195](#)
– winter tires [197](#)
"Tone" [145](#)
Tone in audio mode
– adjusting [145](#)
– middle setting [147](#)
Tools, refer to Onboard tool kit [205](#)
"Top 8" for mobile phone [172](#)
Torque [218](#)
Touch tone dialing [173](#)
Tow bar [214](#)
Tow fitting
– screw thread [213](#)
Tow fittings [213](#)

Tow fittings for tow-starting and towing away [213](#)
 Towing [213](#)
 – methods [214](#)
 Towing away
 – car with automatic transmission [213](#)
 "Town / City" in destination entry [126](#)
 Tow rope [214](#)
 Tow-starting [213](#)
 – sequential manual gearbox SMG [215](#)
 Tracks
 – random play sequence [159](#)
 Track width, refer to Dimensions [219](#)
 Traction-assist feature, refer to DSC [84](#)
 Traction control, refer to DSC Dynamic Stability Control [84](#)
 Trailer towing
 – towing loads and gross weight [220](#)
 Transmission
 – automatic transmission with Steptronic [57](#)
 – manual transmission [54](#)
 – overriding selector lever lock for automatic transmission with Steptronic [58](#)
 – sequential manual gearbox SMG [55](#)
 Transporting children safely [49](#)
 Transport securing device, refer to Securing cargo [119](#)
 Tread depth, refer to Minimum tire tread [195](#)
 Treble, refer to Tone control [145](#)
 Treble, refer to Treble and bass [145](#)
 Treble, tone control [145](#)
 "Trip computer" [72](#)
 Trip computer [71](#)
 Trip-distance counter, refer to Trip odometer [69](#)

"Triple turn signal activation" [59](#)
 Triple turn signal activation [59](#)
 Trip odometer [69](#)
 Trunk
 – lid, refer to Luggage compartment lid [33](#)
 Trunk lamp, refer to Luggage compartment lamp [96](#)
 Trunk lid, refer to Luggage compartment lid [33](#)
 Turning circle, refer to Dimensions [219](#)
 Turn signals [58](#)
 – indicator lamp [12](#)
 – replacing bulbs [207](#)
 Tying down loads, refer to Cargo loading [119](#)

U

Underbody protection, refer to Caring for your vehicle brochure
 Uniform Tire Quality Grading/UTQR [194](#)
 "Units" [74](#)
 Units
 – average consumption [73](#)
 – temperature [73](#)
 Universal garage door opener, refer to Integrated universal remote control [103](#)
 Universal remote control [103](#)
 Unlatching, refer to Unlocking [35](#)
 "Unlock button" [30](#)
 Unlocking
 – from inside [32](#)
 – from outside [30](#)
 – luggage compartment lid [36](#)
 – without remote control, refer to Convenient access [35](#)
 "Update services" [181](#)

V

Vehicle
 – battery [209](#)
 – breaking in [116](#)
 – care, refer to Caring for your vehicle brochure
 – cargo loading [118](#)
 – dimensions [219](#)
 – Identification Number, refer to Engine compartment [199](#)
 – parking [53](#)
 – washing, refer to Caring for your vehicle brochure
 – weight [220](#)
 Vehicle jack [209](#)
 Vehicle position, refer to Displaying current position [140](#)
 "Vehicle settings" [88](#)
 Ventilation [100](#)
 – draft-free [100](#)
 – in the rear [100](#)
 Ventilation while at a standstill [101](#)
 Vents, refer to Ventilation [100](#)
 "Vent settings" [98](#)
 Voice commands
 – overview [22](#)
 – short commands [222](#)
 Voice instructions for navigation system [139](#)
 – muting [48, 139](#)
 – repeating [48, 139](#)
 – switching on/off [139](#)
 – volume [139](#)
 Voice phone book [175](#)
 Volume [144](#)
 – audio sources [144](#)
 – mobile phone [170](#)
 – speed-dependent adjustment [145](#)
 – voice instructions [139](#)

W

Warning and indicator lamps [13](#)

Warning messages, refer to
 Check Control [79](#)
 Warning triangle [212](#)
 Washer fluid [60](#)
 – content of the reservoir [60](#)
 Washer fluid reservoir [60](#)
 Washing the car, refer to
 Caring for your vehicle
 brochure
 Waste tray, refer to
 Ashtray [107](#)
 Water on roads, refer to
 Driving through water [117](#)
 Waveband with the radio [148](#)
 "WB" [144](#), [151](#)
 Wear indicators in tires, refer
 to Minimum tread depth [195](#)
 Weather Band [151](#)
 Webpage [4](#)
 Weights [220](#)
 Wheelbase, refer to
 Dimensions [219](#)
 Wheels, new [196](#)
 Wheels and tires [188](#)
 Width, refer to
 Dimensions [219](#)
 Windows [37](#)
 – anti-trapping mechanism [37](#)
 – convenience operation [30](#)
 – opening, closing [37](#)
 – operation with convenient
 access [36](#)
 – safety switch [38](#)
 Windows, indicator on Control
 Display [16](#)
 Window washer fluid
 reservoir, refer to Washer
 fluid [60](#)
 Window washer system [59](#)
 – washer fluid [60](#)
 – washer nozzles [60](#)
 Windshield
 – cleaning [60](#)
 – defrosting and removing
 condensation [100](#)
 Windshield wiper blades,
 changing [205](#)
 Windshield wipers, refer to
 Wiper system [59](#)

Winter tires [197](#)
 – setting speed limit [81](#)
 – storage [197](#)
 Wiper blade replacement [205](#)
 Wiper system [59](#)
 "With highways" for
 navigation [135](#)
 Word-matching principle for
 navigation [135](#)
 Work in the engine
 compartment [198](#)
 Wrench/screwdriver, refer to
 Onboard tool kit [205](#)

X

Xenon lamps
 – replacing bulbs [206](#)

Refueling

So that you always have access to the data you need when refueling, you are recommended to enter the relevant figures for your car in the table provided below. Consult the index for individual specifications.

Fuel

Designation

Please enter your preferred fuel here.

Engine oil

Quality

Do not add engine oil until the corresponding warning lamp in the instrument cluster lights up, refer to page 201.

Tire inflation pressures

	Summer tires Front	Rear	Winter tires Front	Rear
Up to 4 persons				
5 persons or 4 plus luggage				

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