



The Ultimate
Driving Machine





650i Owner's Manual for Vehicle

Congratulations, and thank you for choosing a BMW.

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

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

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

ence.



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Notes

Using this Owner's Manual

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

Should you want to sell your BMW some day, please remember to pass on 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 help you.

You can find information 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.

equipment, country-specific optional extras, as well as options not yet available at the time of writing.

! Display texts used to indicate warnings.

Voice control system is to use with the voice control system.

Answers generated by the system.

Vehicle components

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

The individual vehicle

When purchasing your BMW, you have decided in favor of a model with individualized equipment and features. This Owner's Manual describes all models and equipment offered by BMW within the same line.

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 C




Editorial notice

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


For your own safety

Maintenance and repairs


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

California Proposition 65 Warning

California law requires a warning:

 Engine exhaust and other automotive components, including components finishing in a vehicle, contain known to the State of California to cause cancer and birth defects and reproductive harm. In addition, certain fluids contain certain products of combustion that emit chemicals known to cause cancer and birth reproductive harm. Battery posts, terminals and related accessories contain lead and lead compounds and can harm your hands after handling. Used engine oil contains chemicals that have caused cancer in laboratory animals. Always protect your skin by washing thoroughly with soap and water. ◀

Parts and accessories

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

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

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

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

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


s occupants.

BMW Accessories and approved by BMW, together with the use of these items, BMW centers.

tion of non-BMW

such as alarms, radios, speakers, wheels, suspension, dust shields, telephones, any mobile phone from not using an externally transceiver equipment, for -talkies, ham radios or may cause extensive damage to its safety, inter-electrical system or affect

the validity of the BMW Limited Warranty. See your BMW center for additional information. ◀

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

Service and warranty

We recommend that you read this publication thoroughly.

Your BMW is covered by the following warranties:

- ▶ New Vehicle Limited Warranty
- ▶ Rust Perforation Limited Warranty
- ▶ Federal Emissions System Defect Warranty
- ▶ Federal Emissions Performance Warranty
- ▶ California Emission Control System Limited Warranty

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

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 (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

recall. However, you may be involved in individual recall and your dealer or BMW of North America, LLC.

You may call the Vehicle Recall Hotline at 1-888-327-4236 (toll-free); go to www.safercar.gov; or write to: Administrator, National Highway Traffic Safety Administration, 1215 Jefferson Avenue, NE, Washington, DC 20590. You can also obtain information about motor vehicle safety from www.safercar.gov.

For Canadian customers

If you wish to report a safety defect to Transport Canada, Defect Investigations and Recalls, may call 1-800-333-0510 toll-free from anywhere in Canada or 1-613-993-9851 from the Ottawa region and from other countries, or contact Transport Canada by mail at: Transport Canada, ASFAD, Place de Ville, Tower C, 330 Sparks Street, Ottawa, ON, K1A 0N5. You can also obtain other information about motor vehicle safety from <http://www.tc.gc.ca>.



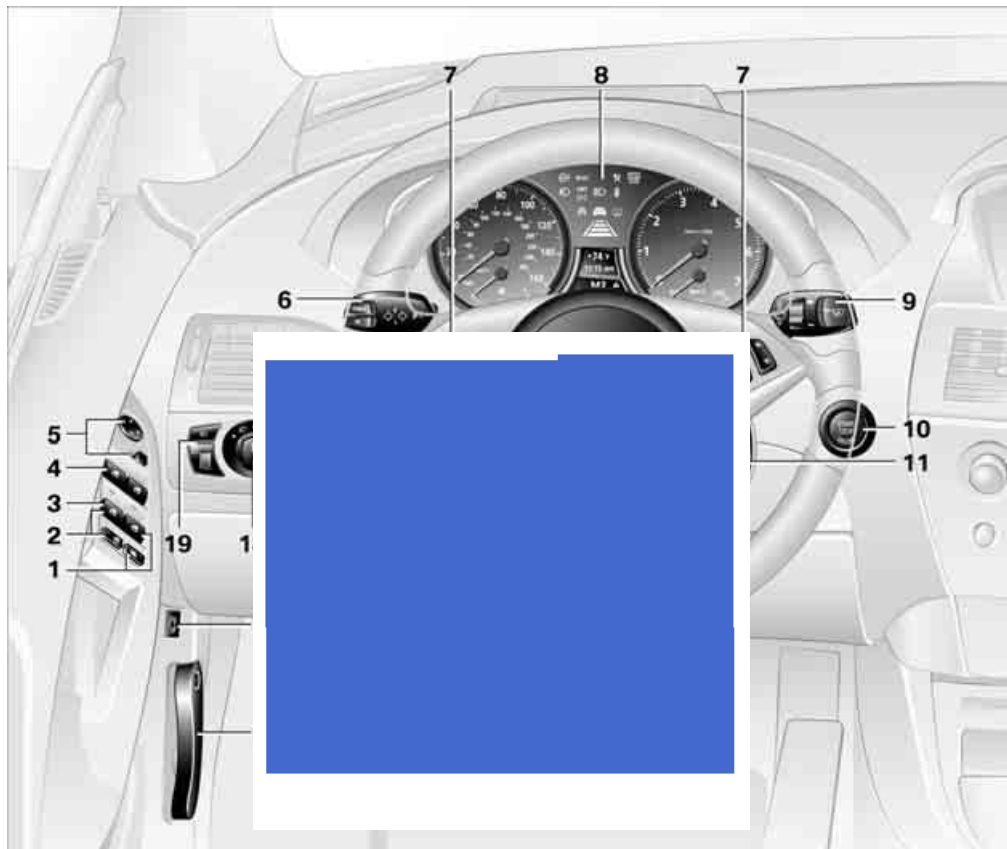
At a glance

This overview of buttons, switches and displays familiarize you with your vehicle's environment. The section will also become acquainted with the concepts and options available for operating the various systems.






Cockpit

Around the steering wheel: controls and displays



- 1 Convertible: opening and closing rear window [40](#)
- 2 Convertible: opening and closing windows together [39](#)
- 3 Convertible: opening and closing rear windows [39](#)
- 4 Opening and closing front windows [39](#)
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- 6  Turn signals [65](#)
-  High beams, headlamp flasher [104](#)
-  Roadside parking lamps [104](#)
- CHECK Check Control [80](#)
- BC Computer [76](#)

7 Buttons on steering wheel



Mobile phone* 175

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



Volume



Activating/deactivating voice command system* 22



Changing radio station 156



Selecting mu:



Scrolling in pr
with stored pl



Individually pr



Individually pr

8 Instrument cluster 1:

9



Windshield w



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10



Starting/stopping engine and switching ignition on/off 59

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12 Horn, entire surface

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Steering wheel heater* 55



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BMW Night Vision* 99

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Low beams 102

High beams* 103

Headlamp control 102

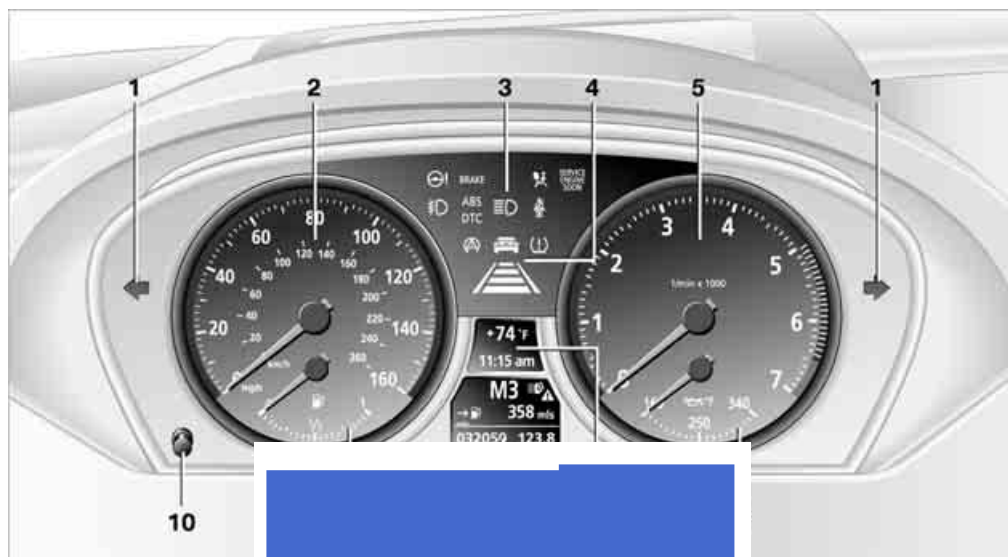
High beams* 103

Head Light* 103

Lighting 104

104

Instrument cluster



- 1 Indicator lamps for t
- 2 Speedometer
- 3 Indicator and warni
- 4 Displays for active c
- 5 Tachometer 75
- 6 Engine oil thermome
- 7 Display for
 - ▷ Time/date 75
 - ▷ Outside tempera
 - ▷ Indicator and war
 - ▷ Speed for cruise control 68
 - ▷ Desired speed for active cruise control* 71

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ining distance to be
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▷ Check Control message present 80

9 Fuel gauge 76

10 Resetting trip odometer 75

Indicator and warning lamps

The concept



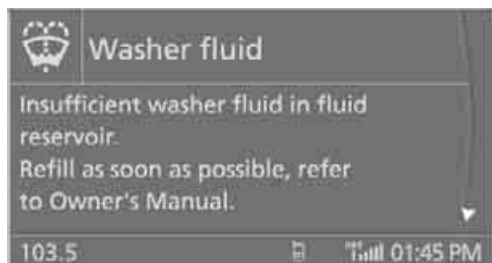
The indicator and warning lamps can light up in different combinations and colors.

When the engine is started or the ignition is switched on, some lamps indicate proper operation and light up for a short time.

Explanatory text messages



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



You can consult Check Control for additional information, e.g. regarding the cause of a malfunction or the appropriate actions to take, refer to page 80.

In urgent cases, this information will be shown as soon as the corresponding lamp lights up.

Indicator lamps without text messages

The following indicator lamps indicate that the associated functions are activated:



Handbrake applied 61



Handbrake for Canadian models



Fog lamps 104



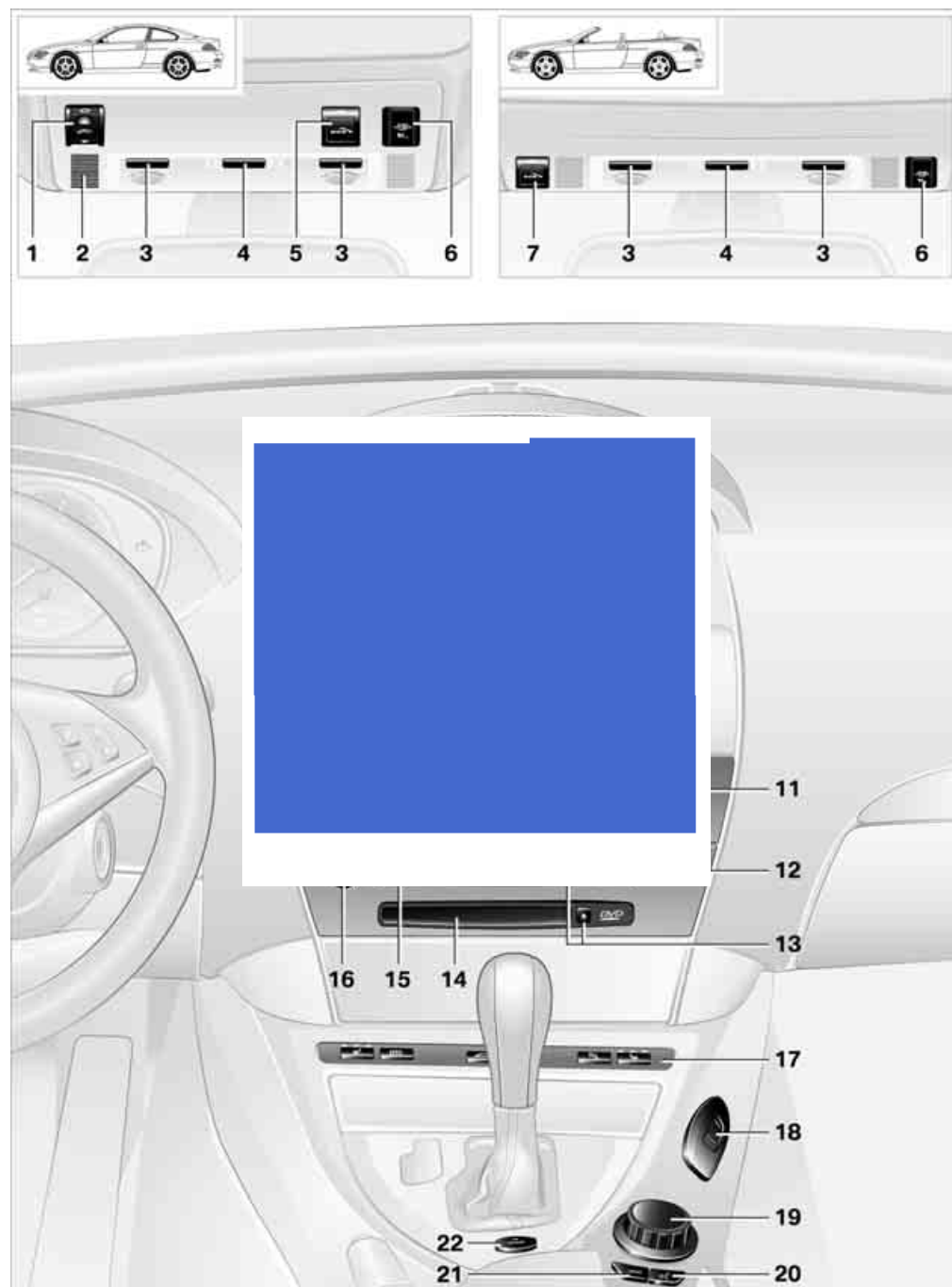
DTC Dynamic Traction Control 89



Hazard lamp flasher 104

controlling the drive
to maintain vehicle

Around the center console: controls and displays



- 1 Coupe: glass sunroof, electric with raise function* 41
- 2 Coupe: microphone for hands-free mode for telephone* and voice command system* 22
Convertible: microphone on steering column
- 3 Reading lamps 105
- 4 Interior lamps 104
- 5 Coupe: initiating SOS emergency call 217
- 6 Indicator lamp for front passenger airbags 95
- 7 Convertible: initiating SOS emergency call* 217

8 Control Display 16

9 Hazard warning flasher

10 Central locking system

11 Automatic climate control

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AUTO

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Cooling function



A/C Automatic control 109



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▷ opening the convertible

▷ closing the convertible

der 115

e horizontally in four

command system* 22

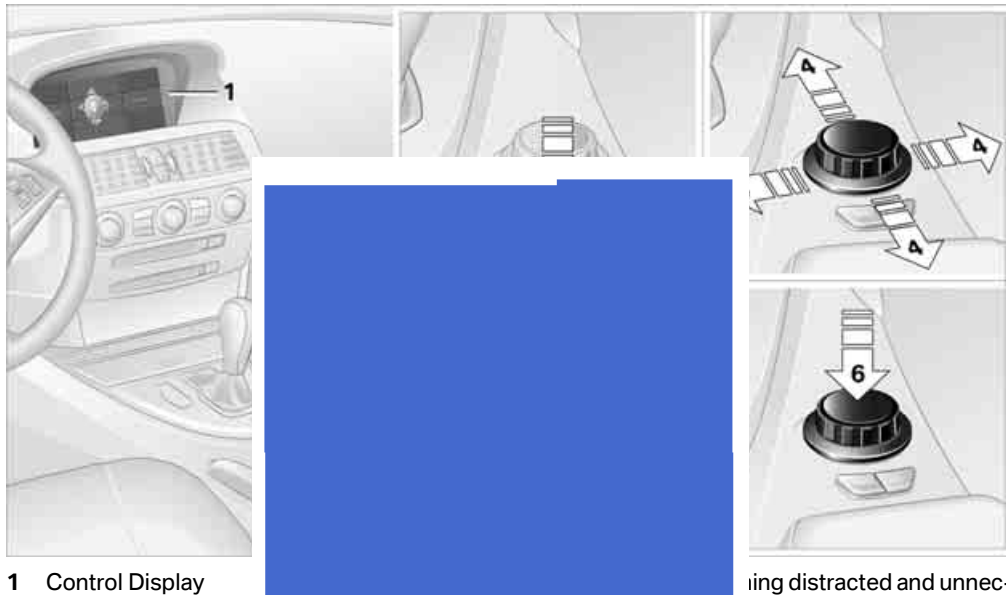
▷ on Control Display 17

control 64

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

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

Controls



1 Control Display

2 **MENU** button

Opening the start menu

3 Controller

You can use the controller to select menu items and change settings by:

- ▷ moving in four directions, arrows **4**
- ▷ turning, arrow **5**
- ▷ pressing, arrow **6**

ing distracted and unnecessary both your own vehicle and other road users, never

attempt to use the controls or make entries unless traffic and road conditions allow. ◀

Menu overview

Communication

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

Navigation or onboard information

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

Entertainment

- ▷ Radio
- ▷ CD player and CD changer*

Climate

- ▷ Vent settings
- ▷ Automatic programs
- ▷ Parked car operation

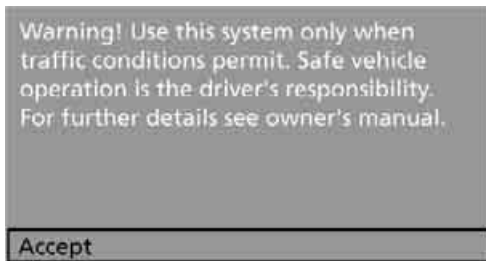
i menu

- ▷ Switching off the Con
- ▷ Tone and display sett
- ▷ Settings for your vehic
- ▷ locking system
- ▷ Display of maintenanc
- ▷ lines for legally mand
- ▷ Settings for the telepl



Basic operation

From radio readiness, refer to page 59, the following message is shown on the Control Display:



To hide the message:
Press the controller.

menu.
atically hidden after



unctions of iDrive using

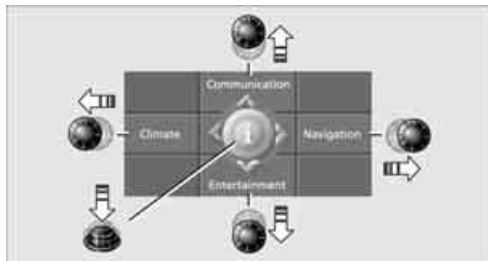
Opening start menu

Press the **MENU** button.

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

Press the **MENU** button twice.

Opening menu items of start menu



From the start menu, you can call up the four menu items Communication, Navigation, Entertainment, and Climate by moving the controller left, right, forward, or back.

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

Comfort opening of

Comfort opening offers

- ▶ Opening a menu item the view last selected
- ▶ Direct changing between Navigation, Entertainment without pressing the

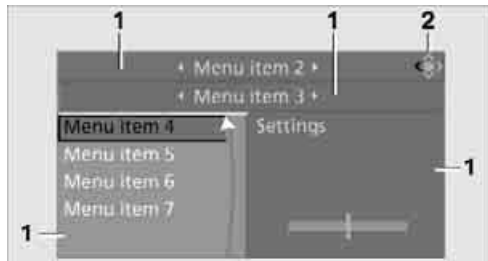
To do so, move the controller in the corresponding direction and hold for approx. 2 seconds.



or onboard info

ment

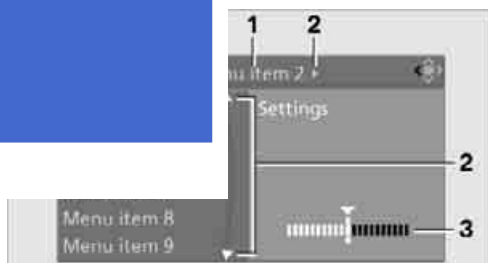
Displays in menu



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



Communication

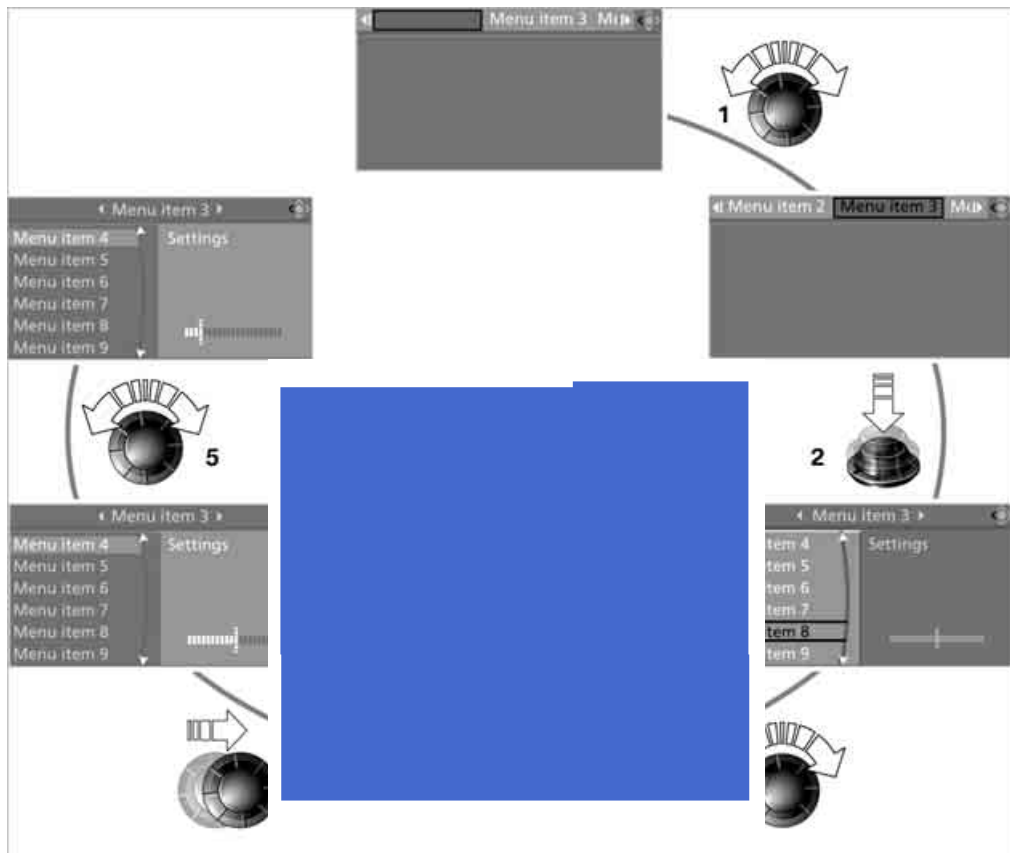


- 1 Menu items are usually grouped in horizontal or vertical lists.
- 2 Arrows indicate the possibility of accessing other menu items that are not currently visible.
- 3 Settings are displayed graphically or numerically.

Operating principle at a glance

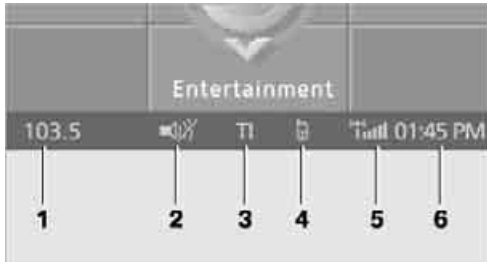
Basic operation via iDrive is described in this view.

You can view the individual steps under Settings on Control Display, Setting time, refer to page 83.



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

Status information



- 1 Display for:
 - ▷ Entertainment: Radio, CD
 - ▷ Telephone* in "Communication": Name of linked mobile phone, network search or no network
 - ▷ "BMW Assist"*: Existing voice control from BMW Assist
- 2 Entertainment sound
- 3 Station that transmitted received*: "TI": Traffic information system can be received switched on
- 4 Display for:
 - ▷ New entries pressed
 - ▷ Roaming active
- 5 Telephoning* is possible if the mobile phone is paired in the vehicle
 Mobile phone network reception strength, dependent on mobile phone
- 6 Time

Other displays:

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

Assistance window*



Additional information appears in the assistance window:

- ▷ the computer or the trip computer
- ▷ the arrow or map view with navigation system*

on

or to the right to change to window and press the con-



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

Switching assistance window on/off

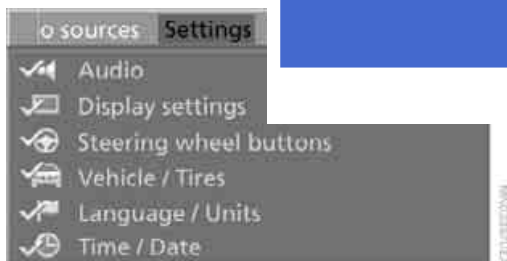
1. Move the controller to the right to change to the assistance window and press the controller.
2. Select "Assist. window off" and press the controller.



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

Switching Control off

1. Press the **MENU** button. This opens the start menu.
2. Press the controller to select the 'Settings' option.
3. Select "Display off" at the bottom of the menu.



To switch on, press the controller.

Voice command system*

The concept

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

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

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

The voice command system has a microphone.

The microphone is located in the following areas:

- ▷ Near the interior rearview mirror
- ▷ In the front of the Coupe, refer to page 10
- ▷ On the steering column

Prerequisite

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

Symbols in Owner's Manual



- ›...‹ Say the specific command word.
- ››...‹‹ Indicates the responses of the voice command system.

Voice commands

Activating voice command system

1. Press the  button.



the Control Display and tell you that the voice command system can respond to commands.



1.


The command is displayed on the Control Display.



This symbol is shown on the Control Display when you can input additional commands.

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

Terminating or canceling voice command

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

or

Commands

Having possible commands read aloud


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

To have the system list the commands:

 ›Options‹


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

Opening help

 ›Help‹

Using alternative commands

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

 ›Radio on‹ or ›Turn on radio‹


Running functions directly with short commands

With short commands you can run certain functions directly, regardless of which menu item is selected, refer to page 227.

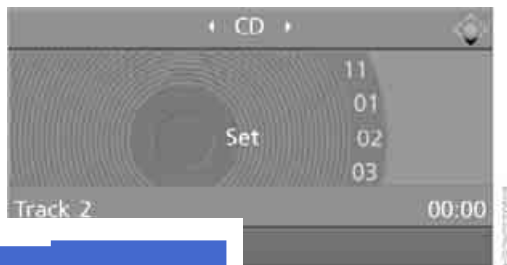
Opening start menu


 ›Main menu‹

An example: selecting a track

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

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



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

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



Notes



The mobile phone can also be operated with voice commands, refer to page 185. ◀

For voice commands, bear the following in mind:

- ▶ Say the commands and numbers smoothly and at normal volume, avoiding excessive emphasis and pauses. This also applies to spelling when entering the destination.
- ▶ Always issue commands in the language of the voice command system.
- ▶ When selecting a radio station, use the usual pronunciation of the station name.
- ▶ For entries in the voice-activated phone book, only use name voice command systems.
- ▶ Keep the doors, windows* or convertible interference from an
- ▶ Avoid background noise while speaking.





Controls

This chapter is intended to provide you with complete control of your vehicle. Many of features and accessories, driving and for your own safety, convenience, are described here.



Opening and closing

Keys/remote control



- 1 Remote control with integrated key
- 2 Spare key
- 3 Adapter for spare key

Remote control with

Each remote control is automatically charged in the vehicle during driving. Drive a longer distance with the remote control at least to ensure the battery is charged. For correct operation of the remote control, refer to page 38.

Depending on which remote control is used by the vehicle during unlocking, refer to Personal Profile, refer to page 210.

Information on the required maintenance is also stored in the remote control, refer to Service data in remote control, page 210.

Integrated key



Press button 1 to unlock the key.

The integrated key fits the following locks:

For more information, refer to page 33.
For more information, refer to page 32.
For more information, refer to page 34.

Keys

For more information, refer to replace lost keys, new integrated key are available at the center.

For more information, refer to a safe place such as your intended for regular use. For more information, refer to integrated key of the remote control.

Adapter for spare key

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



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

Personal Profile

The concept

You can set a number of functions individually according to your Personal Profile ensures that settings are stored for the next time you are in use without you having to set them. The vehicle is unlocked, the remote control is detected or the settings stored for it are called up.

This means that you will always have the settings set to your own personal profile. If another person with his/her own profile and settings has used the vehicle the time you drove it. The individual settings are stored for a maximum of 10 days.

Personal Profile settings

Details on the settings are provided on the specified pages.

- ▷ When unlocking with the remote control, either unlock only the driver's door or unlock the entire vehicle, refer to page [30](#)
- ▷ Locking the vehicle after a short time or after starting to drive, refer to page [33](#)
- ▷ Programming buttons on steering wheel, refer to page [55](#)

- ▷ Settings for the display on the Control Display:
 - ▷ Brightness of the Control Display, refer to page [84](#)
 - ▷ Units of measure for consumption, route/distances, temperature and pressure, refer to page [85](#)
 - ▷ Language on the Control Display, refer to page [85](#)
 - ▷ 12h/24h clock mode, refer to page [84](#)
 - ▷ Date format, refer to page [84](#)
- ▷ Lighting settings:
 - ▷ Pathway lighting, refer to page [102](#)
 - ▷ Daytime running lamps*, refer to page [103](#)

ill activation, refer to

irring for PDC Park Display refer to page [87](#)

itness of the display for day*, refer to page [98](#)

BMW Night Vision*,

perature in the upper intensity for the automatic refer to page [107](#)

instructions for the design of the navigation system on

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

- ▷ Driver's seat, exterior-mirror and steering-wheel position, refer to page [50](#)
- ▷ Audio sources, setting volume and tone, refer to page [153](#)
- ▷ Radio, displaying stored stations, refer to page [156](#)
- ▷ Telephone, setting volume, refer to page [180](#)

Central locking system

The concept

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

The system either locks or unlocks all of the following:

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

Operating from outside

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

These actions operate at the same time. It prevents unlocking using the lock dials. The interior lamps* are also switched by remote control. The alarm is armed at the same time. You can find more details about the alarm system on page 32.

Operating from inside

Via the central locking button. The fuel filler door and the front center console are also locked.

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

Opening and closing: from outside

Using remote control



Persons or animals left unattended in a parked vehicle can lock the doors from the inside. Always take along the remote control

when leaving the vehicle so that the vehicle can then be opened from the outside. ◀

Unlocking

Press the  button.

You can set how the vehicle is unlocked. The setting is stored for the remote control currently in use.



iDrive, for explanation of principle, 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 "Settings" and press the controller.
4. Select "Vehicle / Tires" and press the con-

troller. Turn the "Door locks" is selected and enter.



cking" and press the con-

7. Select "Unlock button" and press the controller.
8. 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.



9. Press the controller.

Comfort opening mode

Press the button longer:

- ▶ Coupe: the windows are opened, the glass sunroof* is raised and the sliding visor slides back.
- ▶ Convertible: the window and the convertible top are opened.



Watch the convertible opening process. No one is injured. Release the operation. ◀

Locking doors

Press the LOCK button.



Do not lock the vehicle if persons are inside, if no one is inside is not possible with edge. ◀

Switching on interior

With vehicle locked:

Press the LOCK button.

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

Panic mode*

You can trigger the alarm system in case of danger:

Press the button for at least 3 seconds.

To switch off alarm: press any button.

Opening luggage compartment lid

Press the button for approx. 1 second.

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



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

Setting confirmation signals

You can vary or deactivate the confirmation signals for locking or unlocking.

1. Open the start menu.

to open the menu.

and press the controller.

res" and press the con-

ld if necessary. Turn the or locks" is selected and

on" and press the con-



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

Malfunction

The remote control may malfunction due to local radio waves. Should the remote control fail to operate due to interference of this kind, unlock and lock the vehicle via the door lock using a key.

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

For US owners only

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

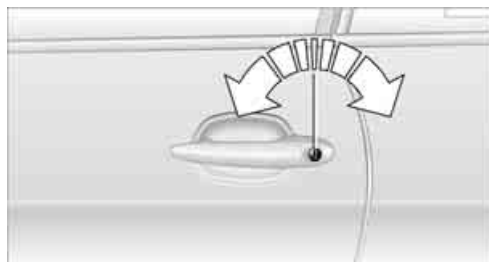
FCC ID:
LX8766S
LX8766E
LX8CAS
LX8CAS2

Compliance statement:
This device complies with FCC Rules. Operation is subject to the following conditions:

- ▶ This device may not cause interference, and
 - ▶ this device must accept any interference received, including interference that may cause undesired operation.
- Any unauthorized changes to these conditions void the user's authority to operate this device.

Using door lock

Do not lock the vehicle if persons are inside. If it is not possible to lock the vehicle without special knowledge.



When unlocking

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

Comfort operation

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

Turn and hold the key in the positions for unlocking or locking.



Keep a close eye on the closing process and also on the opening process of the sunroof to be sure that no one is injured. Stop the operation.

In the event of a technical malfunction, you can unlock the driver's door by turning the key to the right or left in the lock cylinder.

Closing:



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.

Automatic locking

iDrive, for explanation of principle, 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 "Settings" and press the controller.
4. Select "Vehicle / Tires" and press the controller.
5. Change to upper field if necessary. Turn the controller until "Door locks" is selected and press the controller.
6. Select "Central locking" and press the controller.



7. Select a menu item:
 - ▶ "Relock door if not closed"
The central locking system automatically locks the vehicle when no door has been opened.
 - ▶ "Lock after driving"
The central locking system automatically locks the vehicle as soon as you start to drive.
8. Press the controller.
 The setting is selected.

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

Unlocking and opening doors

- ▶ Either unlock both doors at the same time with the button for the central locking system and then pull the door handle above the armrest or

- ▶ pull the door handle for each door twice: the first pull unlocks the door, and the second one opens it.

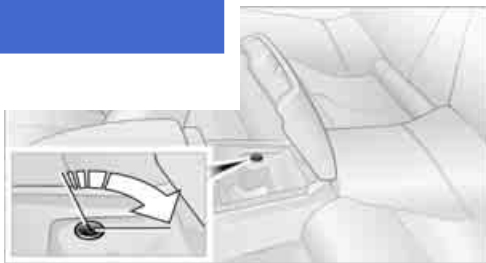
Locking doors

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



Persons or animals left unattended in a parked vehicle can lock the doors from the inside. Always take along the remote control when leaving the vehicle so that the vehicle can then be opened from the outside. ◀

... the compartment in the front center console and the luggage compartment and disconnects them from the central locking system. If you hand over the vehicle without the integrated system, e.g. at a hotel, then this disconnects the luggage compartment and the front center console from the central locking system.



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

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

Unlocking manually

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

▶ If unlocking was manual, return the lock to the home position, i.e. all the way back to the left, before reactivating the hotel function. ◀

Doors

Automatic soft closing*

To close the doors, merely press it closed gently. The closing process will then be carried out automatically.

⚠ Make sure that the doors are clear; otherwise, the closing process will not result. ◀

Luggage compartment

▶ During opening, the luggage compartment lid pivots backward. Make sure there is sufficient clearance.

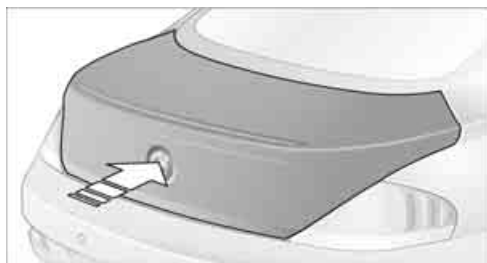
Opening from inside



Press the button:

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

Opening from outside



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

▶ Convertible: if the convertible top is not completely open or closed, then the luggage compartment lid cannot be opened, refer to page 36. ◀

Remotely




The luggage compartment lid lock is located on the exterior of the lid. All keys, refer to page 36, in the luggage compartment lid lock. Turn the key toward the right up to the stop: the luggage compartment lid opens.

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

If the alarm has been triggered accidentally, switch off the alarm, refer to page 36. ◀

Closing

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



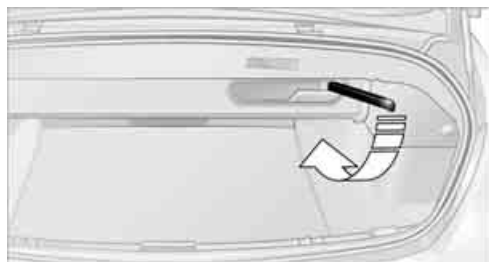
The handle recesses on the interior trim of the luggage compartment lid make it easier to pull down.

Emergency release



Pull the lever in the luggage compartment lid

Convertible: increasing luggage compartment capacity



With the convertible top closed, you can increase the luggage compartment capacity: To do so, unfold the handle and press it downward in the direction of travel, refer to arrow. This moves the convertible top compartment

sition.

vertible top, carry out
æ order.

op cannot be opened if
p compartment floor is

æm responds:

i door, the hood, or the
ent lid

ne vehicle interior: inte-

rior motion sensor, refer to page [36](#)

► To changes in the vehicle's tilt if someone attempts to steal the wheels or tow the vehicle

► To interruptions in battery voltage

Unauthorized operations are briefly signaled by the alarm system:

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


Luggage compartment

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

Also refer to Securing cargo, page [123](#).

Arming and disarming alarm system

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

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

Switching off alarm

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

Indicator lamp displ



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

been detected in the period since the system was armed.

Tilt alarm sensor

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

Interior motion sensor

Coupe:

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

Convertible:

Monitors the interior up to the height of the seat cushions. This means that the alarm system,

motion sensor, is armed when the sunroof top is open. Falling an trigger false alarms, intentional alarms.

Additional alarms


The tilt alarm sensor and interior motion sensor are activated at the same time. This means that the alarm system, e.g. in the

case

of a car-carrying train, the alarm system

must remain in the vehicle

Arming the alarm sensor and interior motion sensor

Press the  LOCK button on the remote control again as soon as the vehicle is locked.

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

Comfort access*

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

Comfort access supports the following functions:

- ▶ Unlocking/locking vehicle
- ▶ Comfort closing with Coupe
- ▶ Opening luggage compartment lid separately
- ▶ Starting engine

Functional requirements

- ▶ The vehicle or the luggage compartment can only be locked if the remote control is outside the vehicle.
- ▶ The next unlocking is possible until after a short delay.
- ▶ The engine can only be started if the remote control detects that the remote control is inside the vehicle.

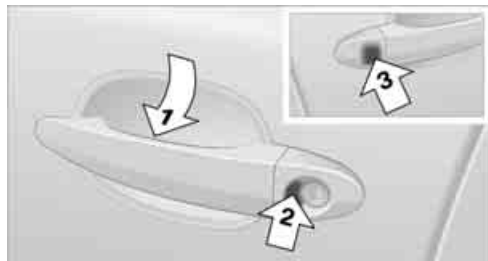
Comparison with ordinary remote control

You can control the functions of the vehicle with the comfort access by pressing the buttons on the remote control. Before doing so, please familiarize yourself with the information on opening and closing, starting on page 28.

The special features when using comfort access are described below.

▶ Should a short delay occur when opening or closing the windows, the glass sunroof or the convertible top, the system is checking whether a remote control is located in the vehicle. Please repeat opening or closing if necessary. ◀

Unlocking



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

Locking doors

- ▶ For the driver's door, touch the area highlighted in the picture, arrow 2, with your fingertip.

For the passenger door, touch the area highlighted in the picture, arrow 3, with your second finger.

Pressing the LOCK button.

Make sure that the ignition and all windows/doors are closed before locking to save the battery.

Using the remote control

Place the hand on the surface of the door handle.

The sunroof* and the sliding sunroof are closed.





Watch during the closing process to be sure that no one is injured. Removing the hand from the door handle stops the closing process immediately. ◀

Convertible: window and convertible top operation

From radio readiness switched on, the windows can be opened and closed, and with the vehicle stopped the convertible top, when a remote control is located in the interior of the vehicle.


Opening luggage compartment lid separately

Press the upper half of the BMW emblem. This corresponds to pressing the  button.

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

Switching on radio readiness

By briefly pressing the Start/Stop button, you switch on the radio readiness, refer to page 59.

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

Starting engine

You can start the engine if a remote control is of the vehicle. It need no ignition lock, refer to page 5

If you take the remote control leaving the vehicle with the warning lamp lights up. If appears on the Control Display remote control is detected only possible to restart the approx. 10 seconds after



with positive side facing

d.

attery to a recycling collection point or your BMW center. ◀

Switching off engine transmission

The engine can only be switched off when the selector lever is in position P, refer to page 61. To switch the engine off when the selector lever is in position N, the remote control must be inserted in the ignition lock.

Before driving into a car wash with automatic transmission

1. Insert remote control into ignition lock.
2. Depress brake pedal.
3. Place selector lever in position N.

4. Switch off the engine.

The vehicle can roll.

Malfunction


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

Replacing battery

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

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

Windows

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

Coupe: opening, closing




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

You can close the window by pulling the switch.

Convertible: opening

For information on window operation with comfort access, also refer to page 37.

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

Individually



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

The rear windows cannot be closed in the same manner as the front windows.



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

- ▶ Press the switch beyond the resistance point:
All windows open automatically. Pressing the switch again stops the opening movement.


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

Rear window



1. Briefly press button **1**.
The LEDs in button **1** light up for approx. 10 seconds.
2. Press switch **2**:
 - ▶ Down to the resistance point:
The rear window opens automatically as long as you hold the switch. You can close the window in the same manner by pressing the switch beyond the resistance point:
The rear window closes automatically. Pressing the switch again stops the opening movement.

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

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

For information on using the comfort operation mode at the door lock or with the remote control, refer to page [31](#) or [32](#).


Coupe: for information on comfort closing with comfort access, refer to page [37](#).

After switching off ignition

You can still operate the windows with the remote control removed or the ignition switched off for approx. 1 minute, as long as neither of the doors has been opened.

Pinch protection system

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

 Despite the pinch protection system, inspect the window's travel path prior to closing it, as the safety system might fail to detect certain kinds of obstructions, such as thin objects, and the window would continue closing.

essories in the range of 10 mm, otherwise the pinch protection will be impaired. For side windows and rear windows equipped with a pinch protection, watch the rear side window during closing, otherwise it may be damaged. ◀

Pinch protection


outside or if, for example, the window is blocked, prevents normal closing, protection is activated.

beyond the resistance point the pinch protection system is activated.

limited and the window opens slightly if the closing force exceeds a certain value.

2. Pull the switch beyond the resistance point and hold again within approx. 4 seconds. The window closes without the pinch protection system.

Coupe: Glass sunroof, electric with raise function*

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

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

Raising and closing glass sunroof



- ▶ Briefly press the switch. The sunroof opens and moves back approx. 2 in/5 cm or press the switch twice beyond the resistance point toward the front. The sunroof opens and moves completely back.
- ▶ To close, briefly press the switch twice beyond the resistance point toward the front: The sunroof and sliding visor close.

Opening and closing sliding visor

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

For information on using the comfort operation mode at the door lock or with the remote control, refer to page 31 or 32.

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

After switching off ignition

You can still operate the sunroof with the remote control removed or the ignition switched off for approx. 1 minute, as long as neither of the doors has been opened.

Pinch protection system

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

When the sunroof encounters resistance when approx. 8 in/20 cm, the closing action is interrupted and the sliding visor opens.

If the pinch protection system, you can still operate the sunroof's travel range. If the safety feature might fail due to obstructions, such as a child, the sunroof would continue to move.

Pinch protection

If the sunroof encounters resistance outside, slide the switch beyond the resistance point and hold. The pinch protection system is activated.

system.

Following interruptions in electrical power supply

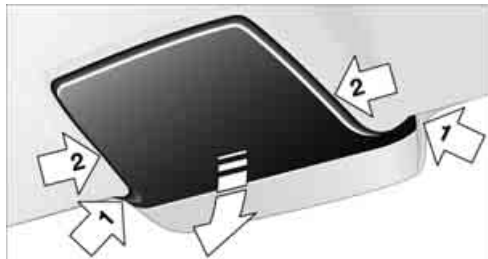
After an interruption in the power supply the glass sunroof may not move. Then have the system initialized. Should this occur, please have the sunroof initialized at your BMW center.

Moving manually

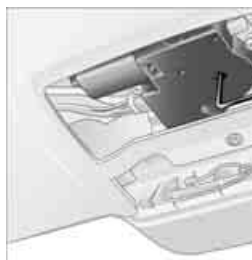
In the event of an electrical malfunction, you can move the glass sunroof and the sliding visor manually.

Glass sunroof

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



2. Insert Allen wrench from onboard tool kit, refer to page 212, into the opening provided.



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

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



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

Convertible top

Convertible top combines operation with simple and convenient.

For getting the maximum convertible:

Close the convertible top when parked. The closed convertible top protects the passenger compartment from unforeseen weather and provides a certain amount of privacy. Nonetheless, even if the top is closed, only keep packed luggage compartment.

Sliding visor

1. Fold the cover down using the screwdriver from the onboard tool kit, refer to page 212.



Integrate rack systems to the convertible top.

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

Do not leave the convertible top in its storage compartment for longer than one day when wet; otherwise, damage from moisture can occur. Do not place any objects on the convertible top; otherwise, if the top were to be operated, these objects could fall off and lead to damage or injury.

Never move the convertible top when the roll-over protection system is raised. Driving without having completed the opening or closing action can lead to damage or injury.

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

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

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

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

▶ Partial vacuums that occur at higher speeds in the passenger compartment can make the convertible top flap. Use the automatic climate control to in so that a partial vacuum in occur. ◀

Prior to opening and closing

- ▶ Read the safety precautions and comply with them.
- ▶ Ensure that the convertible floor in the luggage compartment is folded down, refer to page 37.
- ▶ Make sure that the luggage compartment lid is closed.

Opening and closing

For information on top operation, also refer to page 37.

From radio readiness, refer to page 59, with the vehicle stationary:

▶ To avoid putting excessive strain on the battery, only move the convertible top when the engine is running if possible. Before closing the convertible top, remove foreign objects from the windshield frame, as these might inhibit closing of the convertible top. ◀



- 1 Closing
- 2 LED
- 3 Opening

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

tion after the LED 2
lows travel upward

not completely open or
je compartment lid can-

ns, in addition to the
played on the Control
signal may sound:
top operation, the LED
oes out as soon as the
action is finished.

and when you release the
button, the opening or closing action has
not yet finished.

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

Interruption

The automatic sequence of movements is interrupted if the button for top operation is released. The sequence can be continued in the desired direction by pressing the appropriate button.

If the opening or closing action is interrupted for a longer period, the convertible top remains in that position for approx. 15 minutes before it slowly moves to a stable position.

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

▶ If the convertible top is not completely open or closed, the compartment lid cannot be closed.

Comfort operation via remote control and via door lock

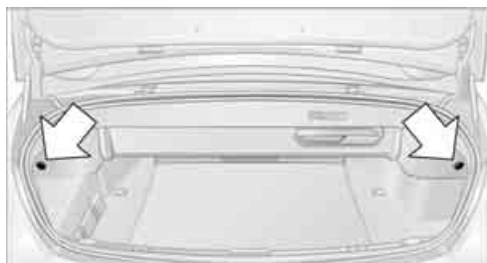
Refer to pages 31 and 32

Closing manually

⚠ Only close the convertible top absolutely manually. The convertible top must not be locked in the event of a malfunction and would otherwise not be driven. Improper handling can lead to damage.

Before closing

1. Open luggage compartment lid.
2. Take the Allen wrench and the screwdriver from the onboard tool kit, refer to page 212.
3. Pry out the two buttons in the luggage compartment with the screwdriver and then pull firmly. This unlocks the convertible top compartment lid.



4. Close luggage compartment lid.

▶ During manual convertible top operation, the luggage compartment lid cannot be opened. ◀

5. Completely open the side windows and the rear window.

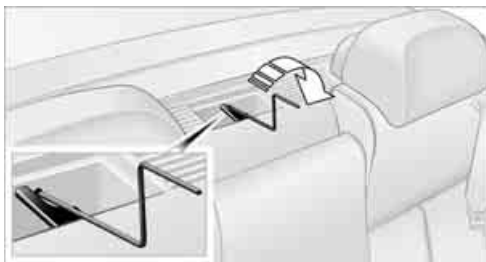
If the rear window cannot be opened using the remote control, it must be lowered manually.

Lowering manually


To lower the rear window manually, place the screwdriver into the opening in the rear window frame to the locking element as shown in the illustration.



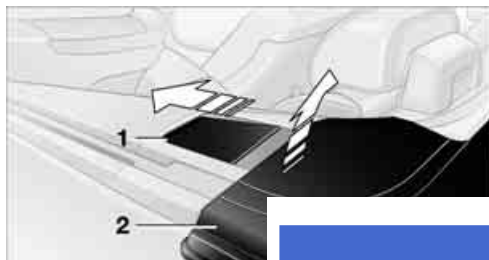
2. Insert the Allen wrench as far as possible into the opening and turn firmly in the direction indicated by the arrow until the rear window is completely open.



Closing

 Perform the following work steps with the assistance of a second person and with the doors open, otherwise injury and damage to the convertible top can occur. ◀

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



2. Grasp the top with both hands on the right side frame, arrow **1**.



Only lift out the top, otherwise the top can be damaged.



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



Do not carry out the next operation, raising top ends, until the top has been swung forward, otherwise damage can occur. ◀

4. Raise the two convertible top ends as far as possible, arrow **5**, and close the convertible top compartment lid, arrow **6**.



lown onto the convertible top compartment lid.

Take out the cover in the top frame; use a screwdriver to pry it out.

Insert the Allen wrench into the opening.



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

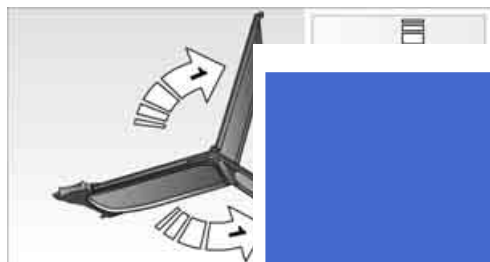
Wind deflector*

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

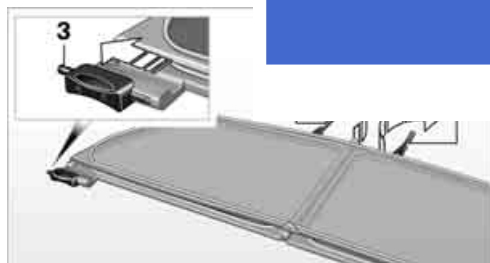
The wind deflector is stowed in a protective sleeve in the luggage compartment. Short instructions for use are also provided on the protective sleeve.

Before installing

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



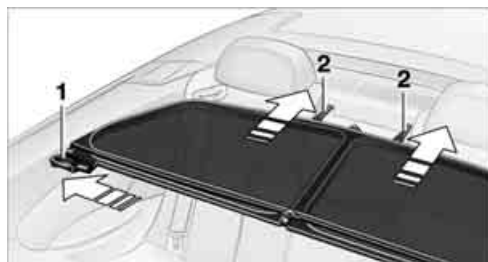
2. Press the upper and until the locking device arrow 2.
3. Push the securing pin



4. Unfold the rear mounts 4.

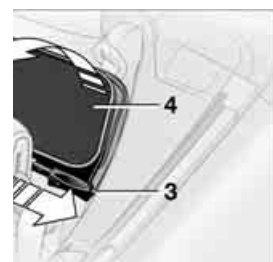
Installing

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



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

pin 3 on the left side into opening until it snaps into



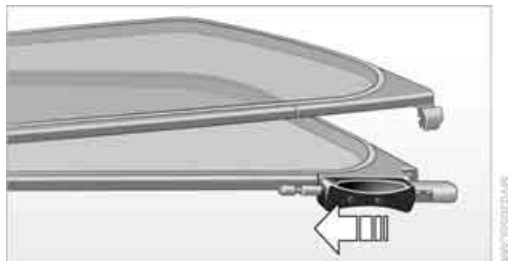
half 4 of the wind deflec-

tor fitted: do not incline backrests too far backward if the seat is to be moved back to the end position. Otherwise, the wind deflector will be damaged. ◀

Removing

The same as installing, but in reverse order.

Folding up



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




Adjusting

Sitting safely

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

For additional information on Transporting children safely, refer to page 57.

Airbags


 Always maintain a safe distance between yourself and the steering wheel. Hold the steering wheel at the 9 o'clock and 3 o'clock positions to minimize the risk of injuries in the event of airbag deployment. No one and nothing is to sit on the airbags and the seat occupant. Do not use the cover of the front passenger side as a surface to ensure that the front passenger seat does not rest feet on the panel, otherwise leg injury, knee and front airbags are triggered. Make sure that occupants are not sitting on the side or head airbags; otherwise, injuries can occur if the airbags are triggered. ◀

Even if you adhere to 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 94.

Head restraints

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

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

Head restraints, refer to page 51.

Safety belt

Before every drive, make sure that safety belts are being worn at all of the occupied seats. Airbags are not a substitute for a safety belt as an additional measure, they do not represent a

seats that are each equipped with a safety belt.

More than one person is not allowed to ride in a passenger's seat. The safety belt lies low around the hips and does not press on the abdomen. The belt may not lie across the chest, be routed over solid objects, or be pinched. Wear the belt snugly across the hips, close to the body as possible. The belt can slip over the hips

in the lap area in a frontal impact and injure the abdomen. Avoid wearing clothing that prevents the belt from fitting properly and pull the shoulder belt upward periodically to readjust the tension across your lap in order to avoid a reduction in the restraining effect of the safety belt. ◀

Safety belts refer to page 53.

Seats

Note before adjusting

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

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

Also follow the instructions regarding damage to the safety belt on page 53.

! Convertible: with the top down, do not incline the front seat too far backward if the seat is in the end position. Otherwise, the seat will be damaged. ◀

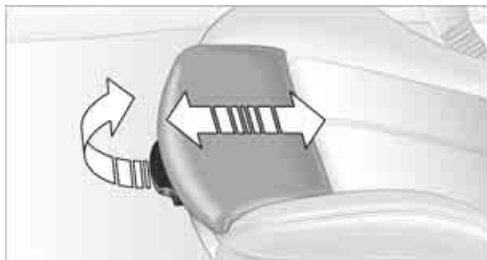
Adjusting seat

! To ensure that the seat continues to provide optimal support, please follow the adjustment instructions on page 48. ◀



- 1 Inclination
- 2 Longitudinal direction
- 3 Height
- 4 Backrest
- 5 Convertible: head restraints, refer to page 52

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



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

Lumbar support*



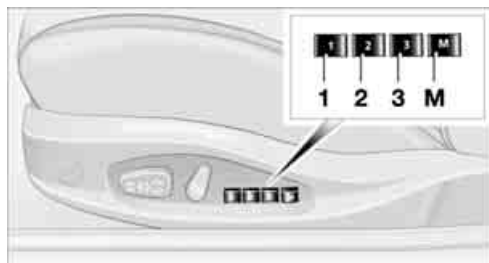
contours of the backrest support in the lumbar

nal column receive support to help you maintain a position.

se curvature:

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

Seat, mirror and steering wheel memory



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

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

Storing

1. Switch on radio readiness, refer to page 59.
2. Adjust the desired steering-wheel position.
3. Press the **M** button. The LED in the button lights up.
4. Press the desired memory button **1**, **2** or **3**. The LED goes out.

Requesting



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

Comfort mode

1. Open the driver's door after unlocking or switch on radio readiness, refer to page 59.
2. Briefly press the desired memory button **1**, **2** or **3**.

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

The adjusting procedure for the steering wheel is interrupted if you briefly press the switch for the steering wheel adjustment in any direction, refer to page 55.

Safety feature

1. Close the driver's door and switch ignition on or off, refer to page 59.
2. Press the desired memory button **1**, **2** or **3** and maintain pressure until the adjustment process has been completed.

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

Activating with remote control

The last positions of the driver's seat, external steering wheel are stored when the vehicle is currently in use.

When the position is requested:

• The vehicle is unlocked.

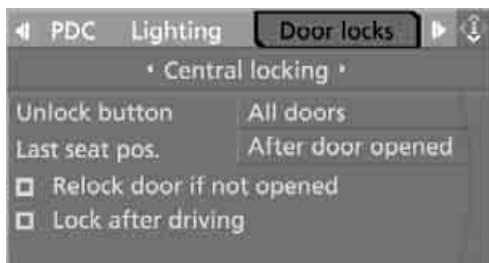
• The driver's door is opened.

• The seat adjustment feature, always make sure you are well behind the driver's seat. If you fail to do so, the seat is obstructed. If you fail to do so, the seat is obstructed by a rearward movement. ◀

• The adjustment procedure is initiated. If one of the seat adjustment buttons is pressed, the adjustment procedure is cancelled. In principle, refer to page 16.

page 16.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Select "Settings" and press the controller.
4. Select "Vehicle / Tires" and press the controller.
5. Change to upper field if necessary. Turn the controller until "Door locks" is selected and press the controller.



6. Select "Central locking" and press the controller.
7. Select "Last seat pos." and press the controller.
8. Select "After unlocking" or "After door opened".

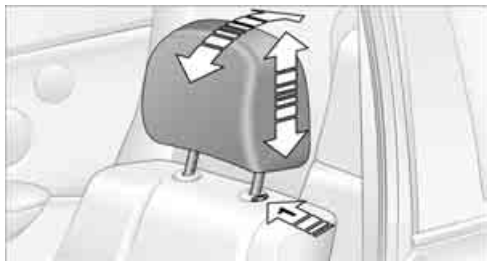


9. Press the controller.

To cancel the request:
Select "Deactivated" and

Coupe

Adjusting height



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

— To return to the default position, press the row **1**. ◀

nts.

int upward to the stop.
row **1**, and remove the

head restraints if no one
the seat in question.
before passengers use

Front head restr

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



Adjust the head restraint so that its center is approx. at ear level. Otherwise, there is increased danger of injury in the event of an accident. Only remove the head restraints if no one will be sitting on the seat in question. Reinstall the head restraints before transporting passengers, as otherwise the head restraint cannot provide its protective function. ◀

Insert head restraint into the sockets and adjust.

Convertible

Adjusting height



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

Adjusting tilt angle



Swivel the head restrain

Entering rear



Before starting to back, otherwise there is a risk of an accident due to an unexpected movement of the seat. ◀

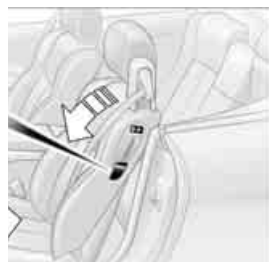
Coupe: releasing backrest



Pull the lever upward and fold the backrest forward.

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

Releasing backrest



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

1. Pull the lever upward and fold the backrest forward.

2. Press button 2 until the seat has moved into the desired position.

3. After passengers have entered the rear, fold the backrest back and lock it in place.
4. Press and hold button 3 until the seat has moved back into its previous position. If you release button 3 before this, the seat stops in its current position.

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



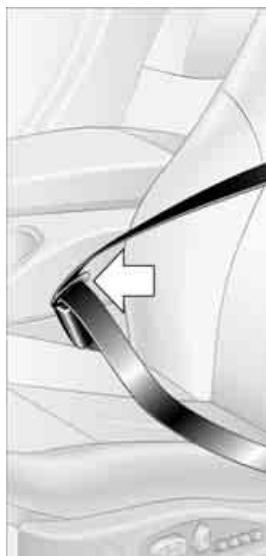
Lock backrest warning lamp:
Lights up when the backrest is not locked. At the same time, a message is shown on the Control Display.

Safety belts



To ensure that the safety systems continue to provide optimized protection, please follow the adjustment instructions on page 48. ◀

Before every drive, make sure that safety belts are being worn at all of the occupied seats. Airbags complement the safety belt as an additional safety device, but they do not represent a substitute.



Fastening

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

Releasing

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

The shoulder strap's anchorage point will be in the correct position for adults of every build if the seat is correctly adjusted, refer to page 49.

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



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

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

Belts

ids caused by accidents
replace the belt system
it tensioners and any
, and have the belt
. Have this work carried
ter or a workshop that
W repair procedures
ed personnel. Other-
of this safety equipment



The temperature setting advances one step in its control sequence each time you press the button. The maximum temperature is supplied when three LEDs are lit.

To switch off:
Press the button longer.

Mirrors

Exterior mirrors

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



- 1 Adjusting
- 2 Switching to the other side mirror

Storing the mirror position and steering wheel

Adjusting manually

You can also adjust the mirror by pressing against the outer edge of the mirror glass.

Folding exterior mirrors

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

Automatic heating

Below a certain outdoor temperature, both exterior mirrors are automatically heated when the motor is running or the ignition is switched on.

Tilting down passenger-side mirror – automatic curb monitor

Activating

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

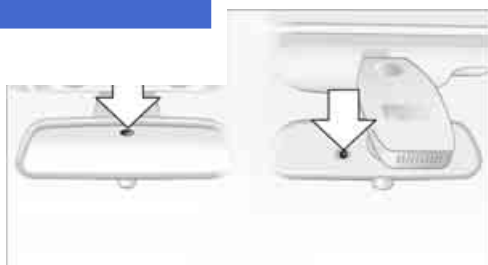


2. Press the rear or selector lever position

tilts downward somewhat on the passenger's side. This allows the driver to see the rear area immediately adjacent to the vehicle as a curb – when parking.

passenger side mirror

or mirrors, automatic




This feature is controlled by two photocells in the inside rearview mirror. One is integrated within the mirror's lens, while the other is located at an offset position on the rear of the mirror housing.

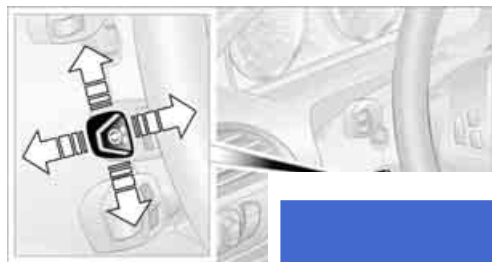
For trouble-free operation, keep the photocells clean and do not cover the area between the interior rearview mirror and the windshield.

Also do not attach stickers to the windshield in front of the mirror.

Steering wheel

Adjusting

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



The steering wheel can be adjusted in four directions.

Storing the steering-wheel heater, Seat, mirror and steering wheel controls is described on page 50.

Easy entry/exit

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

Steering wheel heater



Press the button.

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

Programmable buttons* on steering wheel



You can program the buttons individually.

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

iDrive, for explanation of principle, refer to page 50.

1. Turn the controller until "Settings" is selected and press the controller.

2. Press the "i" button to open the "i" menu.



3. Turn the controller until "Settings" is selected and press the controller.

4. Turn the controller until "Steering wheel buttons" is selected and press the controller.



A list of different functions appears:

- ▷ "Navigation voice instructions"
Voice instructions of the navigation system*
- ▷ "Air recirculation on / off"
Permanently shutting off outside air, refer to AUC Automatic recirculated-air control on page 109
- ▷ "Mute on / off"
Mutes the audio sources
- ▷ "Monitor on / off"
Switches the Control Display on/off
- ▷ "Telephone list"*
Display/hide phone book or last list of stored phone numbers displayed
- ▷ "Next entertainment source"
Changes audio source
- ▷ Switches "Night Vision"
BMW Night Vision

5. Select the desired function on the controller.

6. Select the button if no function is assigned to the controller.



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

Operating function


Press the corresponding button on the steering wheel.

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

- ▷ To switch voice instructions on/off:
Press the button longer.
- ▷ To repeat the last voice instruction:
Press the button.


Transporting children safely

The right place for children


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

Children always in the rear

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


 Children younger than 13 years of age or with a height under 5 ft/150 cm may only be transported in the rear in child restraint systems which correspond to the height of the child. Otherwise, there is an increased danger of injury. Children 13 years of age or older may use a safety belt as soon as a child restraint system can no longer be used because of size and weight.

Exception for front passenger seat


 Should it be necessary to transport a child in a child restraint system on the front passenger seat, the front, knee and side airbags on the front passenger side must be deactivated. Otherwise, there is an increased risk of injury to the child if the airbags are triggered while the child restraint system is in use. ◀

For more information on automatic deactivation of the front passenger airbags, refer to page 95.

Installing child restraint systems

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

On front passenger seat

 After mounting a child restraint system on the front passenger seat, make sure that the front and side airbags on the front passenger side are deactivated, as otherwise there is an increased risk of injury if the airbags are triggered. ◀

Child seat security



Lock the safety belt for the front passenger side against pulling in child restraint systems.


Secure the child restraint system with the safety belt. The safety belt must be pulled in completely. The safety belt must be pulled in and locked. The child restraint system must be secured.

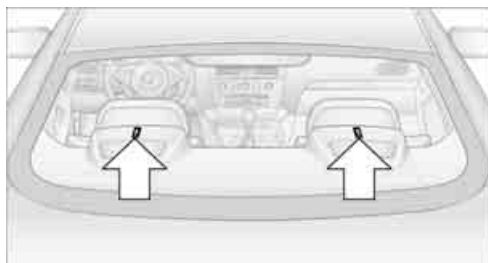
The safety belt is locked.

Unlocking safety belt

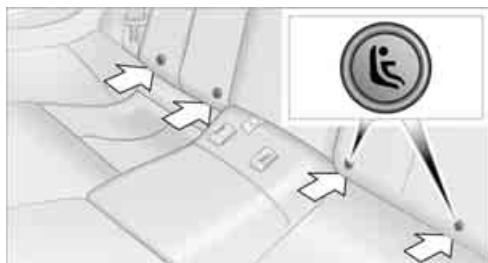
1. Open the belt buckle.
2. Remove the child restraint system.
3. Allow the belt webbing to be pulled in completely.

Coupe: child restraint system with tether strap

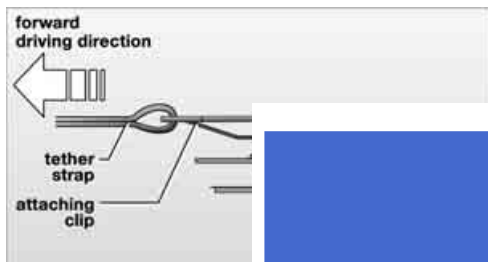
 Only use the tether-strap mounting points to secure child restraint systems, otherwise the mounting points could be damaged. ◀




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



The mounting points for the LATCH anchors are located at the positions indicated by arrows in the gap between the seat and the backrest.




 Make sure that the LATCH anchor fittings are properly engaged and the child restraint system firmly contacts the backrest. ◀

Placement of tether

1. Fold anchor fitting in
2. Push head restraint
3. Guide tether strap over hook onto anchor fitting

LATCH child restraint

LATCH: Lower Anchor and Tether Child H

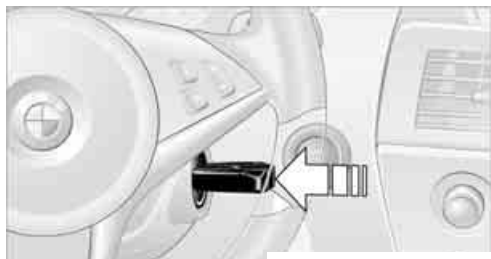
 When installing and using LATCH child restraint systems, comply with the system manufacturer's operating and safety instructions. ◀

Rear seats

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

Ignition lock

Inserting remote control into ignition lock



Insert the remote control into the ignition lock.

Radio readiness switches
Some electronic systems
for operation.

Comfort access*

With comfort access, only
control into the ignition lo
cases, refer to page 37.

Removing remote control



Do not pull the remote control
ignition lock using force.
damage may result. ◀

Before removing the remote control, first press
it in as far as possible to release the locking
device.

The ignition is switched off if it was still
switched on.

Automatic transmission

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

Start/Stop button



Pressing the Start/Stop button switches the
radio readiness or the ignition on and off.

rted when you press the
and depress the clutch
nmission or the brake if
ransmission. ◀

ns/consumers are ready
and outside tempera-
e instrument cluster.
matically switched off:
ontrol is removed from

s* by touching the sen-
e door handle, refer to
age 37

Ignition on

All electronic systems/consumers are ready for
operation. The odometer and the trip odometer
are displayed in the instrument cluster, refer to
page 75.




Please switch off the ignition and the
electronic systems/consumers which are
not required when the engine is not running to
save the battery. ◀

Radio readiness and ignition off


All indicator and warning lamps in the instru-
ment cluster go out.

Starting engine

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

Before leaving the vehicle with the engine running, shift into neutral or move the selector lever into position P and firmly apply the handbrake, otherwise the vehicle can begin to roll. ◀

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

 Avoid frequent stalling or repeated stalls in which the engine does not run. If the fuel is not burned at all or only partially and there is a delay in the start, this can cause damage to the catalytic converter.



Manual transmission

Remote control in ignition lock or with comfort access in vehicle, refer to page 37.

1. Depress brake pedal.
2. Depress the clutch pedal and select the idling position.
3. Press the Start/Stop button.

Automatic transmission*

Remote control in ignition lock or with comfort access in vehicle, refer to page 37.


1. Depress brake pedal.
2. Place selector lever in position P or N.

3. Press the Start/Stop button.

SMG Sequential Manual Transmission*

Remote control in ignition lock or with comfort access in vehicle, refer to page 37.

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

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

Engine off

When leaving the vehicle, always take the time to check the handbrake with you. If the handbrake is not applied, the vehicle could roll. ◀

Ignition

Press the Start/Stop button with the vehicle stationary.

Press the Start/Stop button for reverse.

Press the Start/Stop button for handbrake.

Press the Start/Stop button for remote control from the ignition lock.

For more information, refer to page 59.

SMG Sequential Manual Transmission*

1. Firmly apply the handbrake.
2. Move selector lever into a drive position.
3. Press the Start/Stop button.
If N is engaged when switching off the engine, this will be pointed out to you optically and acoustically.
4. Remove the remote control from the ignition lock, refer to page 59.

Automatic transmission*

1. Move selector lever into position P with vehicle stopped.
2. Press the Start/Stop button.
3. Firmly apply the handbrake.
4. Remove the remote control from the ignition lock, refer to page 59.

Handbrake

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

Indicator lamp



The indicator lamp also sounds when the handbrake is applied.



Indicator lamp for

Applying

The lever locks in position.

Releasing



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



If exceptional circumstances should make it necessary to apply the handbrake while the vehicle is in motion, do not pull it too firmly. In doing so, continuously press the button of the handbrake lever. Otherwise, too firm an application of the handbrake can lock up the rear wheels and cause the rear of the vehicle to swerve. ◀



To prevent corrosion and one-sided braking action, occasionally engage 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



- ◊ 5th/6th gear, press the lever to the right, otherwise
- ◊ 3rd or 4th gear could be selected. ◀

When the vehicle is stationary, press the lever to the left, overcoming

Sequential Manual

The concept

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

The SMG is operated with the selector lever and two shift paddles on the steering wheel.

It offers the following functions:

- ▷ Choice of manual or automatic mode: Sequential mode or Drive mode
- ▷ Choice of two drive programs: Normal or Sport, refer to Dynamic Driving Control page 64

- ▷ Automatic downshifting and prevention of incorrect shifting even in sequential operation
- ▷ Acceleration assistant, refer to page 65

Selector lever positions



- ▷ R: Reverse gear
- ▷ N: Neutral, idle
- ▷ One-touch functions:
+: manual upshifting
-: manual downshift
- ▷ D: activate/deactivate

The transmission shifts into N if the driver's foot is on the brake pedal while the engine is running and no shift paddles or the selector lever are used.

This is signaled by an acoustic warning and a flashing display N in the instrument cluster.

Gear display



R N 1 to 6

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

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

Shiftlock

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

R Reverse

Select only when the vehicle is stationary.

Sequential mode

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

down using the shifting
or lever. You do not need
om the accelerator to do

art off in second gear, e.g.

ions, SMG thinks for you:
nshifts are executed only
ult in a plausible combina-
l vehicle speed; thus, for
em will not execute a
uld cause the engine to

is stationary, the trans-
ally downshifts into first

gear.

- ▷ Shortly before dropping below a gear-dependent minimum speed, the transmission downshifts automatically even without your intervention.


D Drive mode

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

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

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

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

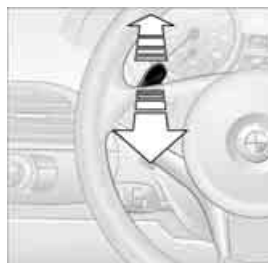
 **Start off quickly on slopes.** Do not hold the vehicle on a hill by applying the throttle, but engage the handbrake instead. Otherwise, overheating can occur in the region of the transmission. ◀

Gear changes

Using selector lever

- ▷ To upshift, pull the se
- ▷ To downshift, push th

Using shift paddles o



- ▷ To upshift, pull one of
- ▷ To downshift, press.

Automatic transmission with Steptronic*

In addition to the fully automatic mode, you can also shift manually with Steptronic, refer to page 64.

Selector lever positions

P R N D M/S + –

Displays in instrument cluster



P R N D S M1 to M6

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

Changing selector lever positions

... selector lever from engine running: inter-

opped, press the brake of P or N; otherwise, the cked: shiftlock.

ie vehicle from creeping ct a driving position, on the brake pedal until art. ◀



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

P Park

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

R Reverse

Select only when the vehicle is stationary.

N Neutral

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

D Drive, automatic position

Position for normal vehicle operation.

All forward gears are available.

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

Kick-down

The kick-down mode provides maximum acceleration:

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

Sport program and i



Move the selector lever left into shifting slot M/S. The sport program is activated in the instrument cluster. The sport program is recommended for a performance driving style. It is engaged automatically when the Dynamic Driving Control is activated, refer to Dynamic Driving Control.

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

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

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

Deactivating selector lever interlock

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

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



river from the onboard
ge 212, press the lever at
n red and move the selec-
desired position.

ing Control

Control makes it possible
t in an even more perfor-
ier at the push of a button:
nds more spontaneously
lal movements.

- ▷ Cruise control:
The stored speed is reached more quickly when requested.

Additionally with SMG:

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

With automatic transmission:

- ▷ The Sport program is activated.

Activating system



With the ignition switched on, press the SPORT button.

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

Deactivating system

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

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

Acceleration assistance

The acceleration assistance system provides vehicle acceleration at race tracks and on surfaces with good adhesion.



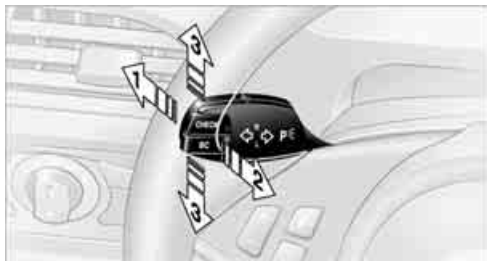
Do not use the acceleration assistance system often; otherwise, control will deactivate prematurely. ◀

1. Activate the Dynamic Drive Control (DSC), refer to page 16.
2. Deactivate DSC, refer to page 16.
3. Press the accelerator pedal down fully: kick-down. The ideal starting-off engine speed is set.



To maintain vehicle stability, reactivate DSC afterward. ◀

Turn signals/headlamp flasher



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

the resistance point.
only press the lever to

flashing of the indicator
the failure of a turn signal

resistance point and hold
to signal.

Activation

resistance point; the turn
signals.

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

1. Open the start menu.
2. Press the controller to open the i menu.
3. Select "Settings" and press the controller.
4. Select "Vehicle / Tires" and press the controller.

5. Change to upper field if necessary. Turn the controller until "Lighting" is selected and press the controller.



6. Select "Triple turn signal" and press the controller.

☒ Triple turn signal is activated.

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

Wiper system



- 1 Switching on wipers
- 2 Switching off wipers or short wipe
- 3 Activating/deactivating rain sensor
- 4 Cleaning windshield, headlamps and BMW Night Vision camera*
- 5 Adjusting rain sensor sensitivity level

Switching on wipers

Pull the lever upward, arrow 1.

The lever automatically returns to its initial position when released.

Normal wiper speed

Press once.

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

Fast wiper speed

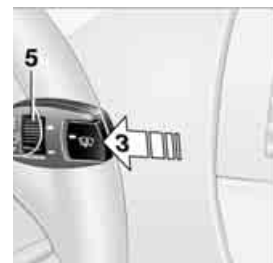
Briefly press twice or press beyond the resistance point.

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

Rain sensor

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

nsor



arrow 3. The LED in the but-

Rain sensor sensitivity level

Adjust the sensitivity level 5.

Deactivating rain sensor

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




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

Cleaning windshield, headlamps and BMW Night Vision camera*

Pull the lever, arrow 4:

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


With the vehicle lighting switched on, the headlamps and the BMW Night Vision camera are also cleaned simultaneously at suitable intervals.

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

Windshield washer nozzles

Both windshield washer nozzles are electrically heated with the engine ignition switched on.

Washer fluid

 Washer fluid antifreeze. Always keep it well away from open flames, and store it in containers well out of the reach of children. Follow the instructions for containers. ◀

Filler neck for washer fluid



All washer nozzles are supplied from one reservoir.

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



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

Capacity

Capacity approx. 5.3 US quarts/5 liters.

Cruise control

The concept

The cruise control is available for use at speeds of approx. 20 mph/30 km/h and higher. The vehicle stores and maintains the speed that you entered on the steering col-

um. Cruise control under driving conditions does not permit a driver to drive on winding roads or in poor road conditions and loose road surface. The driver must take control of the vehicle. ◀

Actions



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

Maintaining speed, storing speed, and accelerating

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

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

Press the lever to the resistance point and hold it:

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

Press the lever beyond the resistance point:

Increase speed each time to the next five place on the mph speedometer or the next five place on the km/h speedometer.

If, on a downhill grade, the effect is not sufficient, the speed can be exceeded. Speed can be exceeded if the engine output is insufficient.

Maintaining speed, decelerating

Pull the lever, arrow **2**:

Functions are the same as for maintaining speed. The speed is reduced.

Interrupting cruise control

Press the lever up or down:

Cruise control is also interrupted by:

- ▶ When you apply pressure to the brake pedal
- ▶ When you depress the clutch pedal or shift the automatic transmission/SMG into position N
- ▶ When DSC controls intervene

Resuming stored speed

Press button **4**:

The vehicle accelerates to and maintains the stored speed.

Deactivating system

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

Displays in instrument cluster



1 Stored speed

2 Current speed displayed briefly

control*

With the adaptive cruise control, you can select a cruising speed that is not only automatically maintained on open roadways, but also adapts to a selected distance set by the driver when encountered.


Adaptive cruise control is a technological advance that makes driving a pleasure. It is a welcome addition to the adjustment of speed while driving in traffic on free-flowing roads and through thoroughfares. Especially on longer trips, the system can reduce


fatigue and tension, while increasing your enjoyment of driving. Please use it safely and responsibly.

In addition to holding a steady cruising speed, if you do encounter slower vehicles ahead, active cruise control will, within the scope of given possibilities, adjust your vehicle's speed automatically so that one can flow with the traffic without frequent intervention by the driver. If, for example, while cruising at the selected speed, you begin to approach a slower vehicle ahead of you in the same lane, the system will reduce your vehicle's speed to the same as that of the vehicle ahead to maintain your selected

distance setting between your vehicle and the vehicle ahead. You can vary the distance, which is also speed-dependent. Based on your selected distance setting, the system automatically decreases the throttle setting and lightly applies the brakes if necessary. The vehicle brake lamps will automatically light up to signal a following driver to take action. In addition, it may be necessary for the vehicle or the driver to downshift, depending on the kind of transmission your vehicle is equipped with, to maintain the distance setting selected. If the vehicle ahead speeds up or when the lane ahead becomes clear, your vehicle will accelerate to the speed you have selected by increasing the throttle setting and shifting gears automatically or with the aid of the driver as needed. Your selected speed will also be maintained when driving downhill, however it can be reduced when driving uphill if the engine is not sufficient.


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

 Active cruise control should not be used as a collision avoidance system. ◀

 Since this active cruise control is a new technology and differs significantly from conventional cruise control, which you may be accustomed to, you are strongly urged to read all the information contained in the Things to know about active cruise control section beginning on page 72. ◀

Professional* navigation system

If a navigation DVD is in the drive, refer to page 126, the system adjusts the accelerating and braking behavior of the vehicle to the road you are driving on.

 To ensure that the system is informed of the current course of the road, always use the latest navigation DVD if possible. ◀

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

Brake pedal feel

- ▷ When the system brakes and you also depress the brake pedal, a somewhat different braking feeling results.
- ▷ Any noises produced during automatic braking are normal.

Manual transmission

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

For extended periods at very high or very low engine speeds, then a shifting operation of the system is deactivated.

The SMG acts similarly to an automatic transmission in the D position.

Cruise control



- 1 Store and increase desired speed
- 2 Store and decrease desired speed
- 3 Deactivate system, refer to page 71
- 4 Resume stored desired speed and distance, refer to page 71
- 5 Select following distance to vehicle ahead, refer to page 70

Maintaining current speed

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



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

Increasing desired speed

Press or briefly press the point or beyond, arrow 1 speed is displayed.

The speed then displays reached on a clear road.

- ▶ Each time the lever is pressed, the resistance point increases by approx. 10 mph or 16 km/h.
- ▶ Each time the lever is pulled, the resistance point increases to the next speedometer or the km/h speedometer.



1

2

3

4

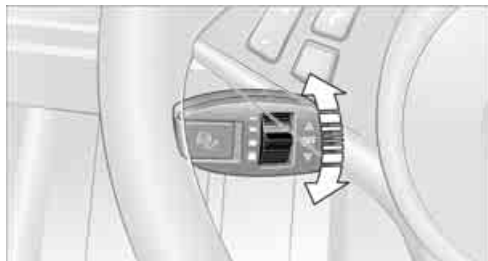
ance is set when the system is activated.

Decreasing desired speed

Pull the lever, arrow 2, until the desired speed is displayed.

These functions are operated in the same manner as increasing your desired speed.

Selecting distance



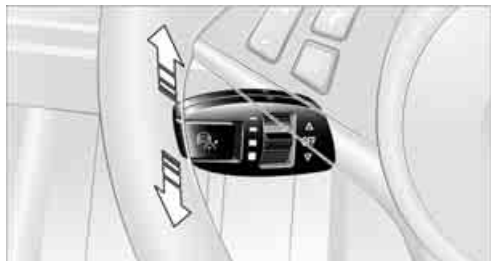
- ▶ Downward:
Increase distance
- ▶ Upward:
Decrease distance

The selected distance is displayed in the instrument cluster.



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


Deactivating system



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

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

- ▶ when you activate the traction Control
- ▶ when you deactivate stability Control
- ▶ when the system detects objects for a longer time on frequently traveled roads, guard rails, or if the radar is dirty, refer to page 80
- ▶ when the speed is reduced below 20 mph/30 km/h due to a traffic jam

 The system deactivates when the speed is reduced below 20 mph/30 km/h. A signal sounds and a warning appears in the Control Display. Intervention of the driver is required, otherwise there is a risk of an accident. ◀

Resuming stored desired speed and distance

Press button **4**.

The displays appear in the instrument cluster.

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

Displays in instrument cluster



- 1** Stored desired speed
- 2** Lights up yellow: vehicle driving ahead is detected
- 3** Lights up red: vehicle driving ahead is detected and the system cannot establish the distance, you must intervene
- 4** Active cruise control display

Flashes red, a signal sounds: the system cannot establish the distance, you must intervene

When the active cruise control system is deactivated, the active cruise control display (4) is deactivated.

When a vehicle driving ahead is detected, the system is activated and the stored speed appears briefly. If the speed is reduced below 20 mph/30 km/h briefly, the system is deactivated. In the instrument cluster, it might appear that the system is necessary for operation are required. To call up Check Control, refer to page 80. ◀

When the system is deactivated, the active cruise control display (4) is deactivated. When the system is activated, the active cruise control display (4) is activated. When the system is deactivated, the active cruise control display (4) is deactivated. When the system is activated, the active cruise control display (4) is activated.



When the system is deactivated, the active cruise control display (4) is deactivated.

The system is warning you to intervene by braking or executing an evasive maneuver. The active cruise control display (4) is activated.

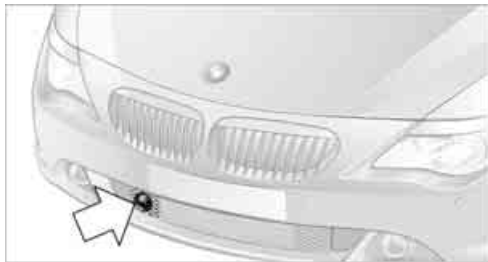
The active cruise control cannot automatically restore the distance to the vehicle driving ahead.

This display does not, however, relieve the driver of the responsibility for adapting desired speed and driving style to traffic conditions.



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

Radar sensor

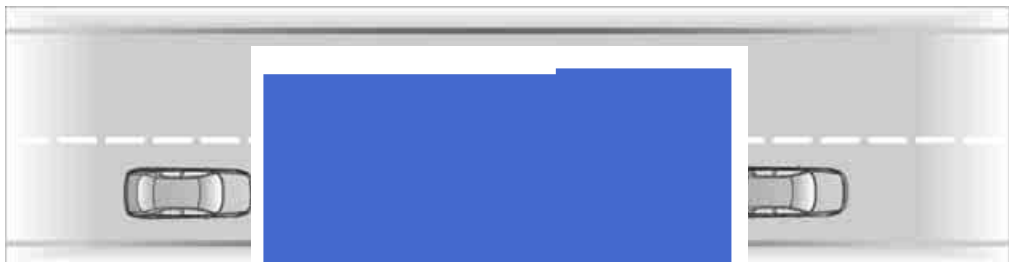


the radar sensor under the front bumper. In doing so, be especially careful when removing layers of snow and ice.

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

Heavy rain, dirt, snow, or ice can impair the detection of vehicles ahead. If necessary, clean

Things to know about active cruise control



⚠ As with conventional systems, active cruise control diminishes or substitutes personal responsibility, requires skill and judgment in adjusting speed, and does not control the vehicle. You must decide when to use the system based on the road, traffic, visibility, and weather. Active cruise control is not intended for use on

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

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

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



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

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

Active cruise control can reduce vehicle speed to approx. 20 mph or 30 km/h if DSC/ABS is active. If the system is deactivated, the system will automatically activate the system when you are in a prior speed and distance.

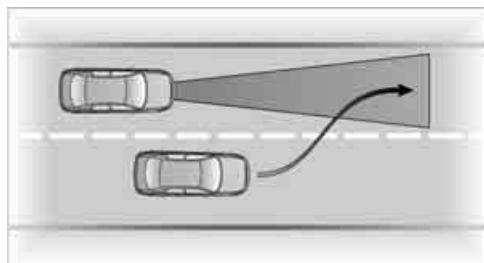


Remember, the system is deactivated whenever the driver applies the brakes, shifts into neutral, or the engine is turned off. After any deactivation, the system will not automatically activate the system. The driver must intervene with manual braking. You should only use the system when you are in a prior speed and distance.

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

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

Swerving vehicles



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

Behavior in curves




On the range of the system, it is possible that a vehicle ahead may be recognized. Therefore, it is up to the driver to decide that is prudent in the terrain of the roadway.




In approaching a curve, it is possible that active cruise control would react briefly to a vehicle in the adjacent lane. In addition, the system can sense if your vehicle is in a curve and may not accelerate. If your vehicle decelerates in either

case, you can choose to overcome the deceleration by briefly pressing the accelerator pedal.

Driver interventions

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

 While active cruise braking your vehicle, you approach a slower vehicle, it is important to be aware that the system may not apply the brakes when you reduce your distance. The system cannot stop only a portion of braking does not utilize the full capacity of the braking system. Therefore, decrease your speed due to the speed difference between your vehicle and the vehicle ahead. Example: when you are traveling at a much lower speed such as approaching a much slower vehicle in a close range. ◀

Everything under control

Odometer, outside temperature display, clock



- 1 Time, outside temperature
- 2 Odometer and trip odometer
- 3 Press button:
 - ▷ with ignition switch is reset
 - ▷ with ignition switch temperature and odometer displayed

From radio readiness, the time and the temperature are displayed.


To request the date:
Press the CHECK button in the center of the instrument cluster. Refer to page 81.

To set time and date, refer to page 81.

You can set the unit of measurement for the odometer. For more information on the Control Display, refer to Units of measurement on page 85.

Outside temperature warning

If the display drops to +37 °F / +3 °C, a signal sounds and a warning lamp lights up. A message appears on the Control Display. There is an increased danger of ice.

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

Tachometer



Once the warning field, depending on the engine, the red warning field disappears in a few seconds and the engine warms to its normal operating temperature.

Do not let the engine speed rise as far as the red warning field whenever possible.

To avoid engine speeds in the red warning field, arrow 2.

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

Coolant temperature

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

Checking coolant level, refer to page 209.

Engine oil temperature gauge



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

Fuel gauge



Fuel tank capacity: approx. 70 liters, including the reserve.
approx. 2.6 US gal/10 liters.
Information on refueling on page 100.

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

After the reserve quantity has been reached, a message briefly appears on the Control Display; the cruising range is shown in the computer. Below a range of approx. 30 miles/50 km, the message remains on 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 instrument cluster



To display the information, press the BC button in the turn signal lever.

The following information is displayed in the instrument cluster:

Assumption

When cruising range available. The range is projected by the computer over the last 20 miles/32 km.

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

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

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

Average fuel consumption

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

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

For different routes

You can display the average speed and average consumption for two different routes on the Control Display, refer to the following and to Trip computer.

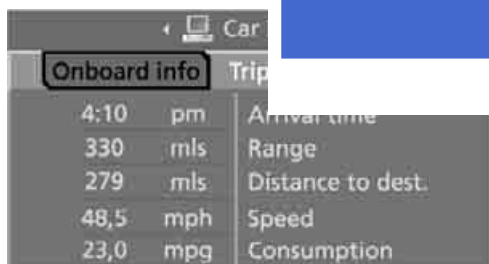
Displays on Control Display

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

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



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



- ▷ Estimated time of arrival at destination and remaining distance:
 - ▷ Entering a distance manually in the computer, see below.
 - ▷ Entering a destination in the navigation system*, refer to page 126.
- ▷ Cruising range

- ▷ Average speed
- ▷ Average fuel consumption

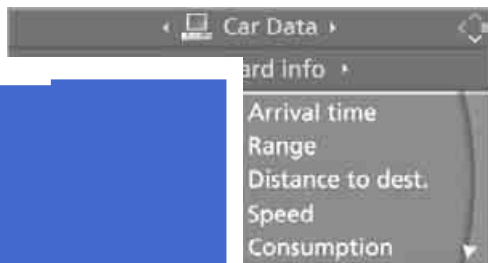
Resetting values

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

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

Entering a distance manually

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



to select the distance
If necessary, hold it
stance to enter a greater

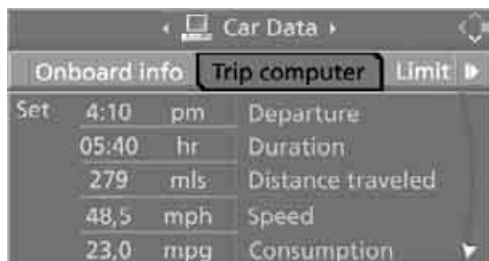
r to apply the setting.
itically predetermined
guidance of the naviga-

Trip computer

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

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

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



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

Switching trip computer all values:

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

Display options

You can display the trip computer in the assistance window.

1. Move the controller to the assistance window.



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

3. Press the controller.



Service requirements



The distance and the date for the service Advisor are displayed briefly with the controller.

The Service Advisor can determine the vehicle's current service requirements by reading out the data stored in the controller.

Information

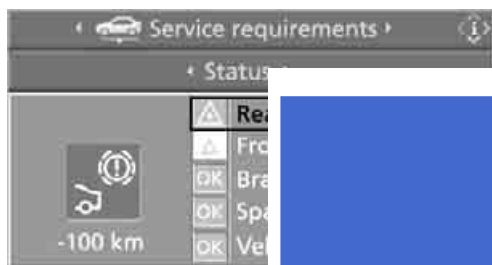
You can view more detailed information by using the Control Display, for explanation of principle, refer to page 16.

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

5. Change to upper field if necessary. Turn the controller until "Service requirements" is selected and press the controller.

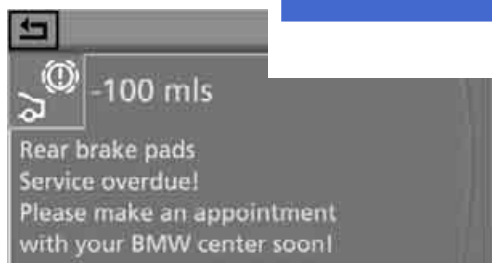


6. Select "Status" and press the controller.




The display shows a list of maintenance procedures, mandated official inspections. You can request more details for every entry.

Select the entry and press:



To exit from the menu:

Select the  arrow and press the controller.

Symbols



No service is currently required.



The deadline for service or an official inspection is approaching. Please arrange a service appointment.



The service deadline has already passed.

Entering deadlines for legally required inspections*

Make sure the date on the Control Display is set correctly, refer to page 84; otherwise, the effectiveness of CBS Condition Based Service is not ensured.

1. Open the start menu.

to open the **i** menu.

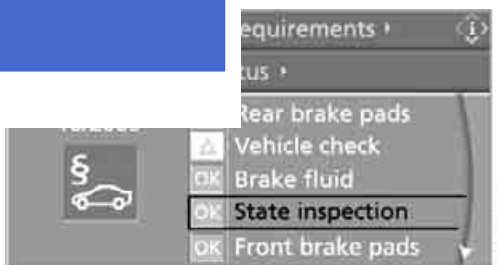
"s" and press the control-

nd press the controller.


ld if necessary. Turn the
vice requirements" is
the controller.

l press the controller.

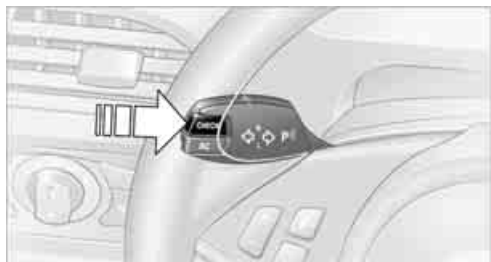
ction" and press the



8. Select "Set service date" and press the controller. The month is selected.

To exit the displayed information:
Select the  arrow and press the controller.

Hiding Check Control messages



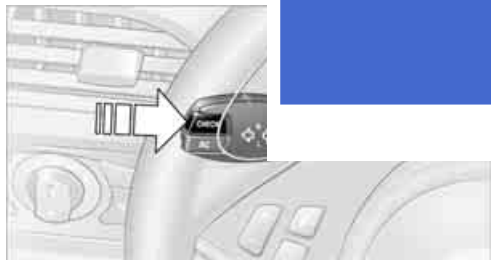
Press the CHECK button in the turn signal lever.

Some Check Control messages are displayed until the malfunctions have been rectified. They cannot be hidden. If a number of malfunctions occur simultaneously or in succession.

Other messages are automatically hidden after approx. 20 seconds, but reappear if the malfunction persists.

Displaying stored Check Control messages

1. Press the button long.
The first stored message is displayed.



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

Displaying supplementary information

iDrive, for explanation of principle, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Turn the controller until "Info sources" is selected and press the controller.

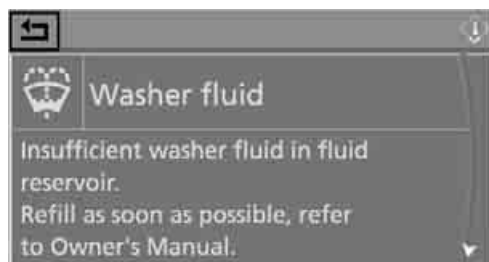



until "Service" is
the controller.

If necessary, turn the
controller until "Check Control messages"
is selected and press the controller.

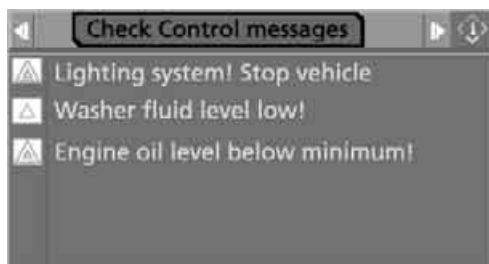


6. Select a message and press the controller.



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

Displaying the urgency of malfunctions



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



No malfunctions detected in the monitored systems.



Malfunctions de
systems. Depend



supplementary inf
the Control Displa

The symbols also indicate
vice requirements displayed

Displays after comp

Malfunction reports generated by the engine control system are shown consecutively in the order of occurrence after the ignition.

Before the display disappears, press the **OK** button once again. The messages are present for approx. 2 seconds. Press the **OK** button repeatedly.

The display:

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

Speed limit

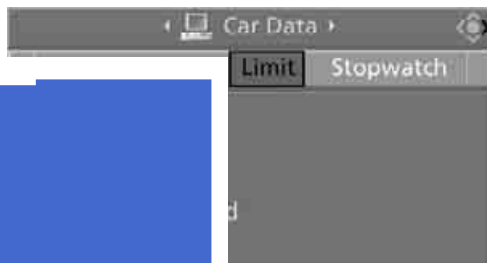
You can enter a speed and a Check Control message indicates when you have reached this speed. This enables you, for example, to receive warnings if you exceed a speed limit in an urban area.

You are only warned of reaching this speed a second time if your vehicle speed falls below it again by at least 3 mph/5 km/h.

Displaying, setting or changing limit

iDrive, for explanation of principle, refer to page 16.

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



value and press the con-

er to set the limit. If neces-
st a slight resistance to
ference.

er to apply the setting.
atically switched on.

...rent speed as limit

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

Activating limit

Select "On" and press the controller.

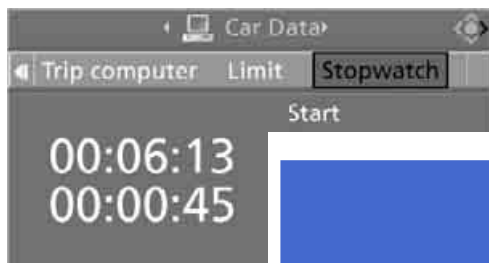


The limit is automatically switched on.

Stopwatch

iDrive, for explanation of principle, refer to page 16.

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



Starting, stopping, or

- ▶ Select "Start" and press the controller.
The stopwatch starts.
- ▶ Select "Reset" and press the controller.
The stopwatch is reset to zero.
- ▶ Select "Stop" and press the controller.
This stops the timer.

Taking an intermediate

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

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

Settings on Control Display

iDrive, for explanation of principle, 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.

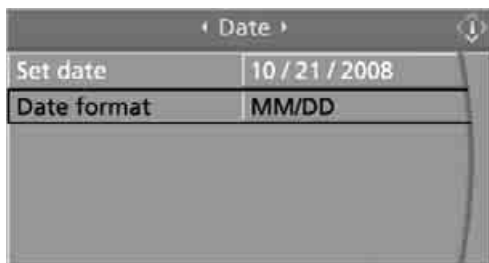
until "Settings" is the controller.



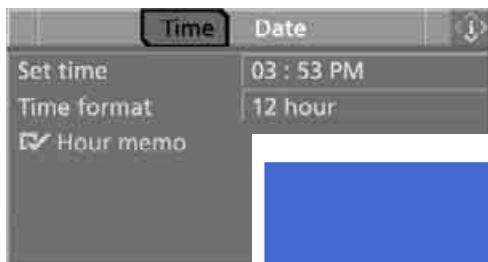
until "Time / Date" is the controller.



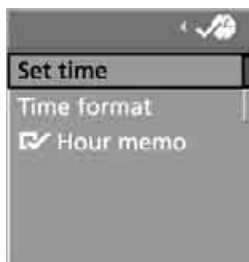
2. Move the controller once to the front if necessary to change to the first field from the top.



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



4. Turn the controller until "Date" is selected and press the controller.



Making settings

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

The changed time is stored.

Activating hour signal*

You will hear three tones just before each full hour.

Select "Hour memo" and press the controller.

☒ The hour signal is activated.

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

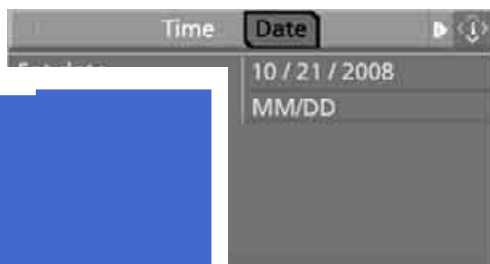
Setting time format

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

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

Setting date

1. Select "Date" and press the controller.



and press the controller.
If the date display is
use the month.
to make the adjustment.
to apply the setting.
ent is selected.
ing adjustments. After the
the date is stored.

Changing date format

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

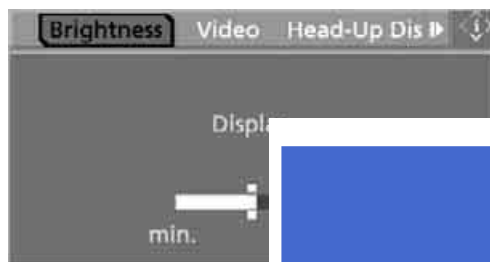
The setting is stored for the remote control currently in use.

Brightness of Control Display

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

iDrive, for explanation of principle, 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 "Settings" and press the controller.
4. Select "Display settings" and press the controller.
5. Change to upper field if necessary. Turn the controller until "Brightness" is selected and press the controller.



6. If necessary, move the controller to select "Display".
7. Turn the controller until "Brightness" is selected.

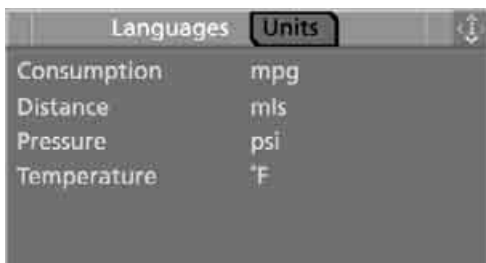
The setting is stored for the remote control currently in use.

Units of measure

You can change the units of consumption, distances, pressure.

iDrive, for explanation of principle, 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 "Settings" and press the controller.
4. Select "Language / Units" and press the controller.
5. Change to upper field if necessary. Turn the controller until "Units" is selected and press the controller.



6. Select the menu item to be set.
7. Press the controller.
8. Select the desired unit of measure and press the controller.

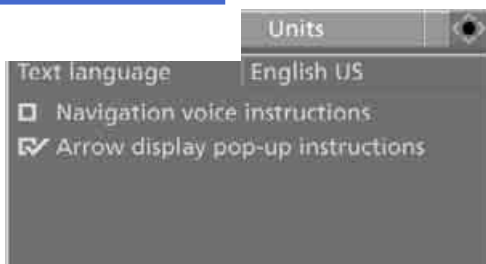
The settings are stored for the remote control currently in use.

Text language

For explanation of principle, 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 "Settings" and press the controller.
4. Select "Language / Units" and press the controller.
5. Change to upper field if necessary. Turn the controller until "Units" is selected and press the controller.

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



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


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

Technology for comfort, convenience and safety

PDC Park Distance Control*

The concept

The PDC assists you when you are parking. Acoustic signals and an optical display* alert you to the approach of an object from behind your vehicle. To measure the distance, there are four ultrasonic sensors in each bumper. The range of these sensors is approx. 7 ft/2 m. However, an acoustic warning first sounds for the sensors at the front and at the two rear corners at approx. 24 in/60 cm. The rear sensors at approx. 12 in/30 cm.

 PDC is a parking aid. The presence of an object is detected when the vehicle is approached slowly, as is the case when parking. Avoid approach at high speed; otherwise, the PDC could cause the system to malfunction. ⚠

Switching on automatically

The system starts to operate automatically after you shift into reverse gear or move the selector lever into position for reverse running or the ignition is switched on.

Wait this short period before driving.

Switching on manually



Press the button; the LED lights up.

Switching off manually

Press the button again; the LED goes out.

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

Signal tones

An intermittent signal indicates the distance of the vehicle from an object being approached. Thus, an object detected to the left rear of the vehicle is indicated by a signal tone from the left rear sensor etc. As the distance to the object decreases, the tones become shorter. If the distance to an object falls to below a certain threshold, a continuous tone is emitted.

The signal is interrupted after approx. 10 seconds. If the distance to an object that was detected by one of the corner sensors falls to below a certain threshold, a continuous tone is emitted.

The signal is interrupted after approx. 10 seconds.

The signal is interrupted after approx. 10 seconds. If the distance to an object that was detected by one of the corner sensors falls to below a certain threshold, a continuous tone is emitted.

If the LED flashes and a message appears on the Control Display, PDC is malfunctioning. Have the system checked.

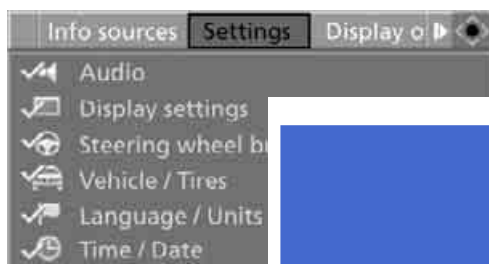
As a preventive measure, keep the sensors clean and free of ice or snow in order to ensure that they will continue to operate effectively. Do not spray the sensors with high-pressure cleaners for long periods and maintain a distance of at least 4 in/10 cm to them.

PDC with visual warning*

You can also enjoy the option of having the system show the approach to an object on the Control Display. Objects that are farther away are already shown there before a signal tone sounds. The setting is stored for the remote control currently in use.

iDrive, for explanation of principle, refer to page 16.

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




3. Turn the controller unselected and press th
4. Turn the controller unselected and press th
5. Change to upper field controller until "PDC" the controller.



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

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

System limits

 Even with PDC, final responsibility for estimating the distance between the vehicle and any obstacles always remains with the driver. Even when sensors are involved, there is a blind spot in which objects cannot be detected. The system is also subject to the physical limits that apply to all forms of ultrasonic measurement, such as those encountered with tow bars and trailer couplings, or thin and wedge-shaped objects etc. Low objects already displayed, e.g. curbs, can also disappear from the detection area of the sensors again before or after a continuous tone already sounds. Higher, protruding objects, e.g. ledges, cannot be detected.

Loud noises from outside and inside the vehicle hearing the PDC signal

y control

with an extended array
enhance and maintain
extreme conditions.

e System

als from locking during
response is maintained
g. This increases active

ABS is operational every time you start the engine. For information on safe braking, refer to page 121.

CBC Cornering Brake Control

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

Electronic brake-force distribution

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


Brake assistant

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 pedal for the duration of the full braking.

DSC Dynamic Stability Control

DSC prevents traction loss in the driving wheels when starting off and accelerating. The system also identifies unstable driving conditions, such as a loss of traction at the rear of the vehicle or sliding of the vehicle in its front wheels. In these cases, DSC helps the vehicle stay in its intended course within the physical limits of the engine output and by adjusting the individual wheel forces.

 The laws of physics apply even with DSC. An aggressive driving style always remains the responsibility of the driver. Therefore, do not drive without a safety margin with a risk-free driving style; otherwise there is a risk of an accident.

Deactivating DSC



Press the button until the DSC indicator lamp in the instrument cluster lights up, but not for longer than approx. 10 seconds. DTC Dynamic Traction Control and DSC are deactivated together. Interventions promoting stability and forward momentum will no longer be carried out. The stability-promoting intervention of the active steering* is also deactivated, refer to page 94.

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

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

Activating DSC

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

For better control



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

The indicator lamp lights up: DSC is deactivated.

Dynamic Traction Control

DTC for special road conditions: snow-covered roads, that reduce forward momentum. The system reduces forward momentum, but maintains stability. Therefore, drive cautiously.

To briefly activate DTC in special circumstances:

on steeply inclines, in slush, or on snow-covered road surfaces.

To lock vehicle free or when driving on snow or on loose ground, use snow chains*.

Activating DTC



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

For better control



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



The indicator lamp lights up:
DTC is activated.

Deactivating DTC

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

Malfunction in driving stability control systems



The warning lamp for the brake system lights up, together with the Indicator and warning lamp.



Tire Pressure Monitor. A message appears on the Control Display. The driving systems have failed, braking efficiency without limitation. If the malfunction continues, you should

drive cautiously and defer full brake applications. In the event of a Tire Pressure Monitor or the FIM also failed. Have the system checked as soon as possible.



Display of the previously described malfunction on Canadian models.



The DSC indicator lamp lights up. A message appears on the Control Display. A malfunction has occurred in the DSC and DTC. The stability maintenance functions are no longer available. The vehicle remains operational. Have the system checked as soon as possible.



The brake system warning lamp lights up yellow. A message appears on the Control Display. The brake assistant is defective. Have the system checked as soon as possible.



Display of the previously described malfunction on Canadian models.

Dynamic Drive*

The concept

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

On active stabilizers on . Suspension compensating conditions, varying intended during cornering to oriented when the vehicle ght line. During vehicle continuously runs control cycles lasting only

operational status each re.


Monitor*

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


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

Functional requirement

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

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


System limits

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

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

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

Initializing system

-  The initialization finished, which can be interrupted. When driving resumes, it automatically continued. Do not initialize the system with snow chains*. ◀

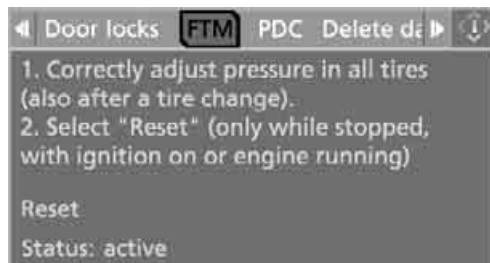
iDrive, for explanation of page 16.

1. Press the **MENU** button. This opens the start screen.
2. Press the controller



3. Turn the controller until "Settings" is selected and press the controller.
4. Select "Vehicle / Tires" and press the controller.

5. Change to upper field if necessary. Turn the controller until "FTM" is selected and press the controller.



6. Start the engine, but do not start driving.
7. Select "Reset" and press the controller.
8. Select "Yes" and press the controller.



setting FTM ... is displayed. The initialization is completed during driving.

tire



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

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



Stop driving if the vehicle is no longer equipped with run-flat tires, as it was when it came from the factory, refer to page 204. Continued driving after a flat tire can result in serious accidents. ◀

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



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

3. In the event of complete tire pressure loss, 0 psi/0 kPa, you can estimate the possible distance for continued driving on run-flat tires, based on the following guide values:
 - ▷ With low load:
 - 1 to 2 persons without luggage: approx. 155 miles/250 km.
 - ▷ With medium load:
 - 2 persons, luggage compartment full, or 4 persons without luggage: approx. 94 miles/150 km.
 - ▷ With full load:
 - 4 persons, luggage compartment full: approx. 30 miles/50 km.



Drive reservedly at a maximum speed of 50 mph (80 km/h) in the event of pressure loss. This includes reduced stability in braking, steering, and altered handling characteristics.

If unusual vibrations occur while the vehicle is in motion, this may indicate final failure of the tire. Reduce speed and stop the vehicle as soon as possible. The tire could become detached and cause an accident. Do not continue driving, but instead contact your BMW center. ◀

TPM Tire Pressure Monitor*

The concept

TPM checks the tire inflation pressure in the four mounted tires. The system reports when the tire inflation pressure has dropped considerably in one or several tires.

Functional requirement

In order to assure the reliable reporting of a flat tire, the system must have been reset with the correct tire inflation pressure.

Always use wheels with TPM electronics, otherwise fault-free operation of the system is not ensured.

Reset the system again after each correction of the tire inflation pressure and after a tire change. ◀

Once sudden serious damage occurs, the system must be able to report this by external influence.

The system must function properly if it has been reset after a tire is reported despite pressure issues.

The system must not display a flat tire if the tire is mounted without TPM electronics or if it is temporarily interfered with by external devices which use the same frequency.

Status display on Control Display

The tire and system status is indicated by the color of the tires.

TPM takes the fact that the tire pressure changes during driving into account. A correction is only required if requested by TPM with the correct color.

Green

The tire pressure matches the learned set state. "TPM active" is displayed on the Control Display.

One wheel is yellow

Flat tire or a major drop in inflation pressure in the indicated tire. A message appears on the Control Display.

All wheels are yellow

Flat tire or a major drop in inflation pressure in several tires. A message appears on the Control Display.


Gray

The system cannot detect a flat tire.

Reasons for this can be:

- ▷ TPM is being reset
- ▷ Temporary interference due to systems or devices which use the frequency
- ▷ Malfunction

Resetting system

 Reset the system. The system will reset the inflation of the tire inflation system every time a tire or wheel change is made.

Resetting finishes during the next drive. If interrupted at any time, the resetting is continued at the next start of iDrive, for explanation of the procedure see page 16.

1. Press the **MENU** button. This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Settings" and press the controller.
4. Select "Vehicle / Tires" and press the controller.
5. Change to upper field if necessary. Turn the controller until "TPM" is selected and press the controller.



6. Start the engine, but do not start driving.
7. Select "Reset" and press the controller.
8. Select "Yes" and press the controller.



When the system is reset, the tires are shown in gray and "Resetting" is displayed.

After the next start of driving, the set tire inflation pressures are applied as the set values. Resetting finishes during the next drive. The tires are shown in green on the

Control Display. If a tire is not detected during resetting, the tire inflation pressures, all tires are shown in yellow on the Control Display. The message "Tire low!" is displayed. ◀

Message with low tire inflation pressure



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

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



Stop driving if the vehicle is no longer equipped with run-flat tires, as it was when it came from the factory, refer to page 204. Continued driving after a flat tire can result in serious accidents. ◀

2. 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 guide values:
 - ▷ With low load:
 - 1 to 2 persons without luggage:
approx. 155 miles/250 km
 - ▷ With medium load:
 - 2 persons, luggage compartment full, or
4 persons without luggage:
approx. 95 miles/150 km
 - ▷ With full load:
 - 4 persons, luggage
approx. 30 miles/5



Drive reservedly and at a maximum speed of 50 mph/80 km/h after a complete tire pressure loss, vehicle handling includes reduced tracking, increased extended braking distance, and altered steering characteristics. If unusual vibrations or loss of control, the vehicle is being driven on a damaged tire, stop at a suitable location as soon as possible. Otherwise, pieces of the tire may become detached and cause an accident while driving, but instead of a flat tire in the center. ◀

Malfunction



The yellow warning lamp flashes and then lights up continuously. The tires are shown in gray on the Control Display and a message is displayed. No flat tire can be detected.

A message like this is displayed in the following situations:

- ▷ In case of a malfunction; have the system checked.
- ▷ If a wheel is mounted without TPM electronics.

- ▷ If TPM is temporarily interfered with by other systems or devices which use the same radio frequency.

Declaration according to NHTSA/ FMVSS 138 Tire Pressure Monitoring Systems

Each tire should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires. As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS).

The TPMS monitors the air pressure in each tire. If a low tire pressure is detected, the TPMS indicator illuminates. Accordingly, when the TPMS indicator illuminates, you should stop the vehicle as soon as possible and inflate the tire to the proper pressure. A significantly under-inflated tire can lead to overheating and can lead to a tire failure. Under-inflation also reduces fuel economy and tire life, and may affect the vehicle's stopping ability. Please do not use the TPMS as a substitute for a manual tire pressure check, and it is the driver's responsibility to maintain correct tire pressure, even if the TPMS low tire pressure indicator is not illuminated.

pressure indicator.

The TPMS malfunction indicator is combined with the low tire pressure indicator. When the system detects a malfunction, the indicator will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle startups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check

the TPMS malfunction indicator after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

Active steering*

The concept

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

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. In the higher other hand, the steering and more. This improves of your BMW over the ei

In critical situations, the geted corrections to the vided by the driver and th before the driver interve moting intervention is de switched off, refer to pa



Airbags



The following airbags are located under the marked covers:

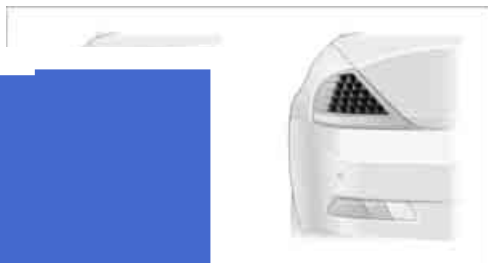
- 1 Front airbags
- 2 Coupe: head airbags
- 3 Side airbags
- 4 Knee airbag
- 5 Knee airbag

Malfunction



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

Brake force display



l braking.
y braking.

Protective action




To ensure that the safety systems continue to provide optimized protection, please follow the adjustment instructions on page 48. ◀

The front airbags help protect the driver and front passenger by responding to frontal impacts in which safety belts alone cannot pro-

vide adequate restraint. When needed, the head and side airbags help provide protection in the event of a side impact. The relevant side airbag supports the side upper body area. The head airbag supports the head. The knee airbag protects the legs from colliding with the cockpit.

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

 Do not apply adhesive materials to the cover panels of the airbags, cover them or modify them in any other way. Do not attempt to remove the airbag restraint system from the vehicle. Do not modify or tamper with either the wiring or the individual components in the airbag system. This category includes the upholstery in the center of the s instrument panel, the side doors and on the Coupe, with the sides of the head to remove or dismantle th Do not touch the individu directly after the system l because there is a danger In the event of malfuncio triggering of the airbag re the testing, repair, remov bag generators carried ou ter or a workshop that wor repair procedures with ap personnel and has the rec licenses. Otherwise unprc service the system could emergency or undesired airbag triggering, either of which could result in personal injury. ◀

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

Automatic deactivation of front passenger airbags

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



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



Before transporting a child in the front passenger seat, read the safety information and follow the instructions under Transporting children safely, refer to page 57.

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

the sitting position, adding person in the rear

seat cushion padding, items onto the front passenger side. Objects are specifically recommended not to place objects underneath the seat against the seat, a correct evaluation of the situation cannot be ensured. ◀

Front passenger



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

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

- ▶ The indicator lamp lights up when a child in a child restraint system intended for the purpose is properly detected on the seat. The front, knee and side airbags on the front passenger side are deactivated.

▶ Most child seats are detected by the system. Especially the child seats required by the NHTSA at the time the vehicle is manufactured. After installing a child seat, make sure that the indicator lamp for the front passenger airbags lights up. This indicates that the child seat has been detected and the front passenger airbags are not activated.

- ▶ The indicator lamp also lights up, for example, if a correct child seat is not detected or if the seat is not of sufficient height is detected. The front, knee and side airbags on the front passenger side are deactivated.
- ▶ The indicator lamp also lights up when the seat is empty. But the front, knee and side airbags on the front passenger side are activated.

Operational readiness



From radio readiness, refer to page 59, the warning lamp lights up briefly, indicating the operational readiness of the entire airbag system and the safety belt tensioners.

Airbag system malfunction

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



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

Convertible: rollover protection system

The rollover protection system is automatically activated in the event of an accident or a critical

inclination on the loss of ground contact. The system extends behind the rear headrest within fractions of a second.

The rollover bar integrated into the rear headrest, the rollover protection system, protects all vehicle occupants in the rear passenger compartment.

The path of movement of the rollover protection system is clear.

When the system is activated, you are protected by the rollover protection system and, depending on the vehicle, the belt tensioner and restraint system. ◀

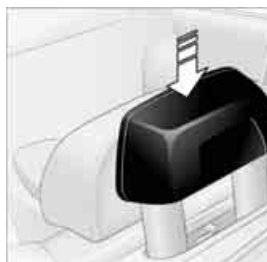
Lowering

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

1. Press the release backward and hold in that position.



2. Press the rollover protection unit halfway down from above.
3. Let go of the release.
4. Press the rollover protection unit down until it snaps into place.



5. Use the same procedure over protection unit.

Have the rollover protection system checked after unexpected triggering.



Never move the corner of the rollover protection system if it is raised.

No changes of any nature may be made to the individual components of the rollover protection system and wiring.

Work on the rollover protection system may only be performed at a BMW center.

Unprofessional attempts to service the system can lead to failure or malfunction.

For a system check and to ensure long-term functioning, you must comply with the maintenance intervals of the service requirements, refer to page 78. ◀

Head-Up Display*

The concept

With the Head-Up Display, important information is projected into the driver's field of view, e.g. navigation instructions. This enables you to absorb this information without looking away from the road.



- 1 Navigation instructions
- 2 Display
 - ▷ Cruise control
 - ▷ Active cruise control
- 3 Speed

Selecting displays

iDrive, for explanation of principle, 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 "Settings" and press the controller.
4. Select "Display settings" and press the controller.
5. Change to upper field if necessary. Turn the controller until "Head-Up Display" is selected and press the controller.
6. Change into the second field from the top. Turn the controller until "Head-Up Display" is selected and press the controller.
7. Select desired information display.



8. Press the controller.
☒ The information display is now active.

The settings are stored permanently in use.

Setting brightness

The brightness of the display is automatically adapted to the ambient lighting conditions. However, you can change the base setting. With the low beams switched on, the brightness can also be adjusted with the knurled wheel of the instrument lighting.

iDrive, for explanation of principle, 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 "Settings" and press the controller.
4. Select "Display settings" and press the controller.
5. Change to upper field if necessary. Turn the controller until "Head-Up Display" is selected and press the controller.
6. Change into the second field from the top. Turn the controller until "Brightness" is selected and press the controller.



Turn the controller until the desired setting is reached.

For the remote control, the brightness can be adjusted.

The brightness of the display in the Head-Up Display is automatically adjusted.

Certain polarization filters may cause the display to be distorted in certain positions.

The brightness of the Head-Up Display is automatically adjusted.

- ▶ Wet road surface and unfavorable lighting conditions

If the image is distorted, please have the base setting checked at a BMW center.

Specialized windshield

The windshield is a part of the system. The shape of the windshield complies with the requirements of the Head-Up Display to enable a precise display. A film in the windshield prevents double images from being displayed. Windshield replacement should be carried out by a BMW center or a workshop that works according to BMW repair procedures with correspondingly trained personnel.

Care instructions

You can find everything you need to know on this topic by consulting the Caring for your vehicle brochure.



! Only clean the cover of the Head-Up Display with a soft, lint-free cloth or with a display cleaning cloth, otherwise damage may result. ◀

BMW Night Vision

The concept

BMW Night Vision is a driver assistance system that is designed to provide information about certain objects at night. It is particularly helpful for detecting people and animals. When objects are detected, the system is able to take appropriate action. For example, the driver may be alerted to the presence of persons or animals ahead or off to the sides of the road. The driver can then decide which actions are appropriate and then react accordingly.

A certain area in front of the vehicle is viewed by an infrared camera and a generated image is shown on the Control Display. The resulting thermal image shows the relative heat radiation of the objects present in the camera's field of view. Warmer objects appear brighter and cooler objects appear darker. Contrast is dependent on the temperature difference between the objects and the background and on the amount of heat radiation of the object itself. As a result, it is quite possible that a person is not continually recognizable as a person in shape, since the thermal radiation can be

affected by different clothing which blocks heat loss. Objects with little temperature difference to the surrounding area, or little heat radiation are less noticeable, for example in cold weather.

Any improvement in detection depends on many factors such as the object size and temperature compared to the surroundings, or other nearby objects, the visual recognition skills of the driver, weather conditions, and other factors.

Driving hints

With the system active, periodically but briefly, glance at the thermal image on the Control Display to notice objects that could be people or larger animals. The glance should be similar to a glance at a side-view mirror. Do not stare at the display while driving, as this distracts from the road. If you notice a hazard, be prepared to slow down, honk the horn, or take other appropriate action.

BMW Night Vision is designed to supplement but not replace the driver's view through the windshield. It is not designed to be used as a viewing window for driving.




No system, no matter how sophisticated, can operate without limitations. BMW Night Vision operation is subject to physical and environmental limitations that will reduce the ability of the system to detect and display a clear thermal image. Some of the situations in which these limitations can occur are:

- ▷ on steep hilltops or depressions and in tight curves
- ▷ in tunnels, as the contrast is inherently low
- ▷ when the camera lens is dirty
- ▷ in dense fog, heavy rain or snowfall
- ▷ when displaying very hot objects such as transformers, car exhausts etc.
- ▷ when the image briefly freezes during normal system adjustment.

! BMW Night Vision's potential benefits can be limited by the driving style of the driver, the size and relative temperature of the detected objects, dirt or contamination on the camera lens, adverse weather like snow, rain or fog, and other factors not mentioned here. It will always be the driver's responsibility to adjust speed and in a manner that avoids hazards and adjust accordingly. BMW Night Vision is not a substitute for driver responsibility in adjusting the visibility conditions. The forward view through headlamps must always be used to make safe driving decisions, or else an accident will result. ◀

Activating BMW Night Vision

1. Turn the light switch to page 102.
2. With low beams switched on:
 - ▷ Press the  button. The location of the button may differ somewhat.



- ▷ Press one of the programmable buttons on the steering wheel, refer to page 55.

The image will be displayed on the Control Display after a few seconds. Depending on the last mode selected, either the normal or full screen image will be displayed.



Due to the system's need to adjust periodically, a still image is displayed at certain intervals for fractions of a second. This is normal and not an

error. The system will automatically switch to the low beam headlamps, at a speed of approx. 3 mph/5 km/h and will display a still image on the Control Display when the low beams are

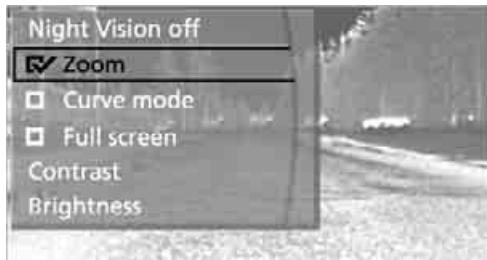
BMW Night Vision

The system is controlled by the steering wheel buttons. Selecting settings.

For more information, refer to

page 16.

1. Activate BMW Night Vision.
2. Press the controller to display the menu items.



3. Select the menu item and press the controller:

- ▷ "Night Vision off":
Deactivate BMW Night Vision.
- ▷ "Zoom":
At higher speeds, the image is zoomed in.
- ▷ "Curve mode":
Depending on the steering angle and other parameters, the image sections follow the course of the road to some degree.
- ▷ "Full screen":
The image is shown on the entire Control Display.
- ▷ "Contrast":
The contrast of the image is adjusted.
- ▷ "Brightness":
The brightness of the image is adjusted.

▷ "Curve mode" can only be selected if the "Zoom" function is not activated. If "Full screen" is activated, "Curve mode" cannot be selected. The settings are stored for the next time the function is currently in use.

To exit the menu:
The image will automatically return to normal approx. 5 seconds.



To minimize icing, the camera lens is automatically heated. However, it may be necessary to clean the camera lens manually under severe weather conditions. When doing so, cautiously remove any debris, ice or snow. To avoid damage to the lens, do not use sharp or abrasive instruments to clean ice, snow, or dirt off the lens.

When the windshield is cleaned with the headlamps on, the camera lens area is automatically sprayed as well. Refer to page 66.

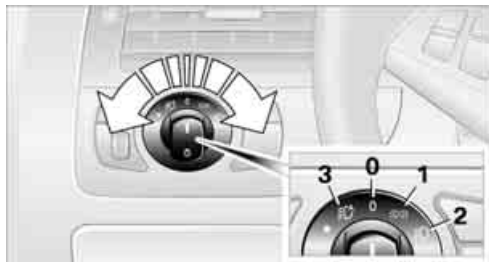
Cleaning camera



The function of the camera may be affected by heavy rain and fog, dirt, snow or ice on the lens. When this occurs, the displayed image on the Control Display may become gray.

Lamps


Parking lamps/low beams



- 0 Lights off and daytime running lamps*
- 1 Parking lamps and daytime running lamps*
- 2 Low beams
- 3 Automatic headlamp control, parking lamps* and Adaptive Driving Beam

Parking lamps

In switch position **1**, the vehicle lighting is switched on for parking lamps for parking.

 The parking lamps should not be left switched on for long periods of time, otherwise it is not possible to start the engine. If the parking lamps are switched on the roadside, refer to page 104.

Low beams

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


If the light switch remains in position **2**, the exterior lamps are switched off automatically when the driver's door is opened while the ignition is off.

Switch on the parking lamps if required as described under Parking lamps.

Automatic headlamp control

In switch position **3**, the system activates the low beams and switches them on or off in response to changes in ambient light conditions, for instance, in a tunnel, at dawn and dusk and in case of precipitation. Adaptive Head Light* is active. The LED next to the symbol is illuminated when the low beams are on.

A blue sky with the sun low on the horizon can cause the lights to be switched on.

 The low beams remain on independent of the ambient lighting conditions when you park the vehicle. ◀

The light switch can be left in position **3**. The lighting is automatically switched off when the vehicle is parked.

Automatic headlamp control cannot substitute for your personal judgment when the lamps are switched on in response to ambient light. For example, the sensors may be fooled by bad weather. To avoid this, always switch on the parking lamps under these conditions. ◀

After switching on the headlamp flasher after switching off the lamps, the low beams will come on for a brief period. You can set the duration or deactivate the function via iDrive.

For explanation of principle, 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 "Settings" and press the controller.
4. Select "Vehicle / Tires" and press the controller.

5. Change to upper field if necessary. Turn the controller until "Lighting" is selected and press the controller.



5. Change to upper field if necessary. Turn the controller until "Lighting" is selected and press the controller.



6. Select "Pathway lighting" and press the controller.

7. Turn the controller to select the desired duration.

8. Press the controller to
The setting is stored for t
rently in use.

Daytime running lamp

If desired, the light switch
tions **0**, **1** or **3**.

In positions **0** and **3** the e
matically switched off afte
switched off. In position **1**
light up after the ignition i
Switch on the parking lam
described under Parking l

6. Select "Daytime running lamps" and press the controller.

☒ The daytime running lamps are
switched on

r the remote control cur-

Light*

a variable headlamp
ables better illumination
pending on the steering
sters, the light from the
ourse of the road.

Head Light

Adaptive Head Light is

active and the automatic headlamp control is
switched on, refer to page **102**.

To avoid blinding oncoming traffic, the Adaptive
Head Light is not active when driving in reverse
and points toward the passenger side when the
vehicle is stopped.

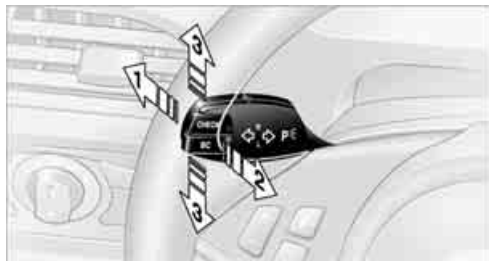
Malfunction

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

Activating/deactivati running lamps*

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

High beams/ roadside parking lamps



- 1 High beams
- 2 Headlamp flasher
- 3 Roadside parking lamps

Roadside parking lamps

You also enjoy the option of your vehicle when parked.

Switching on

After parking the vehicle down beyond the resistance point.

▶ The roadside parking lamps will come on automatically. Do not leave the vehicle for long periods of time, otherwise it may be possible to start the engine.

Switching off

Briefly press the lever in up to the resistance point.

Fog lamps



The parking lamps or low beams must be switched on for the fog lamps to operate.

The green indicator lamp in the instrument cluster lights up when the fog lamps are switched on.

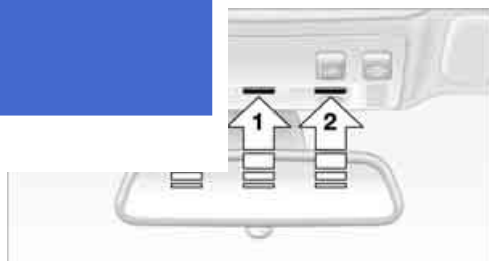
The fog lamps are switched off whenever the high beams are switched on.

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

Instrument lighting



Adjusting the instrument lighting intensity by using the lever.



Control of the interior lamps, footwell lamps, door entry lighting, courtesy lamps* and sill panel lighting* is automatic.

With the courtesy lamps, LED lights are located in the door handles to illuminate the exterior area before the doors.

▶ To protect the battery, all lamps in the vehicle are switched off approx. 15 minutes after radio readiness is switched off, refer to Start/Stop button on page 59. ◀

Switching interior lamps on and off manually

Press button **1**.

If the interior lamps, footwell lamps, door entry lighting, courtesy lamps and sill panel lighting are to remain switched off continually, press the button for approx. 3 seconds.

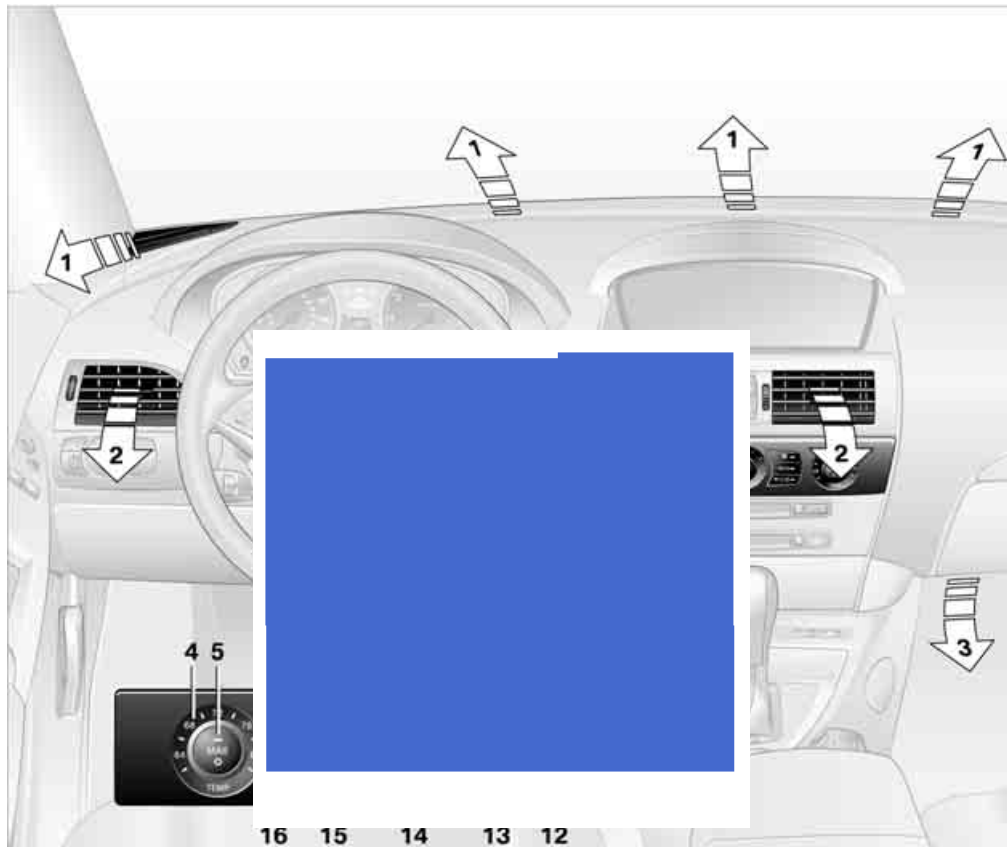
Reading lamps

The reading lamps are beside the interior lamp:
You can turn them on and off using buttons **2** located next to the lamps.



Climate

Automatic climate control



- | | |
|---|---|
| <p>1 Air directed toward the windshield and side windows</p> <p>2 Air for the upper body area, refer to Ventilation on page 109</p> <p>3 Air to footwell</p> <p>4 Temperature, left side of passenger compartment</p> <p>5 Maximum cooling</p> <p>6 Defrosting windows and removing condensation</p> <p>7 Air volume, manual</p> <p>8 Switching off automatic climate control</p> | <p>9 Switching cooling function on and off manually</p> <p>10 Temperature, right side of passenger compartment</p> <p>11 Residual heat mode</p> <p>12 AUTO program</p> <p>13 AUC automatic recirculated-air control/recirculated air mode</p> <p>14 LED for parked car ventilation</p> <p>15 Rear window defroster</p> <p>16 Air grill for interior temperature sensor – please keep clear and unobstructed</p> |
|---|---|

The current setting for air distribution is displayed on the Control Display.

A congenial climate

The AUTO program offers the optimum air distribution and air volume for virtually all conditions, refer to AUTO program below. Now you only need to select an interior temperature that you find pleasant.

The following sections contain more detailed information on the available setting options.

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

AUTO program

The AUTO program adjusts air distribution to side windows, in the direction of the front and in the footwell. It also adjusts the temperature throughout the year.

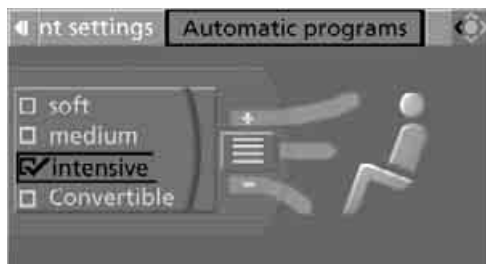
The cooling is switched on when the temperature is above the AUTO program. At the same time, the condensation sensor controls the window condensation in a way that window condensation is as much as possible.

Intensity of AUTO program

To meet your individual needs, you can increase or decrease the intensity of the automatic climate control.

For more information on the principle, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller to the left to open "Climate".
3. Select "Automatic programs" and press the controller.



4. Select the desired intensity and press the controller.

The marked intensity of the automatic program is switched on.

Convertible program*

When the convertible top is opened, the convertible program can also be selected. In the convertible program, the automatic climate control driving with the convertible top, the air volume is increased.

When the convertible program has been selected, the air volume is increased every time the top is opened.

The convertible program can be selected if the wind deflector is not installed.

The desired temperature indicated on the driver's and front passenger side.



The automatic climate control achieves this temperature as quickly as possible at any time of year, if necessary with the maximum cooling or heating capacity, and then keeps it constant.

When switching between different temperature settings in rapid succession, the automatic climate control does not have sufficient time to achieve the set temperature. ◀

In the highest setting you activate the maximum heating output, regardless of the outside temperature.

Adapting temperature in upper body region

1. Open the start menu.
2. Open "Climate".
3. Select "Vent settings" and press the controller.
4. Select the field by moving the controller and adjust the temperature by turning the controller.



Defrosting windows condensation



Quickly rer
tion from th
side windo

To do this, also switch o

Rear window defros



The rear wi
switches of
certain amc

Convertible: the rear wir
activated when the rear
Depending on the vehicle equipment, upper
wires are used as an antenna and are not part of
the rear window defroster.

Air volume, manual

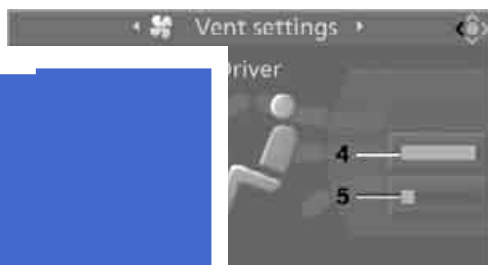


You can adjust the air volume by
turning. You can reactivate the
automatic mode for the air volume
with the AUTO button.

Manual air distribution

1. Open the start menu.
2. Open "Climate".

3. Select "Vent settings" and press the controller.
The driver's and front passenger side can be adjusted separately with the fields on the right or left side.
4. Select the driver's or front passenger side if necessary.
Move the controller to the right or left repeatedly until the driver's side or front passenger side is selected.
5. Select the desired field by moving the controller.
6. Turn the controller to adjust the air distribu-
tion.



d the windshield and side

body

body

5 Air to footwell



Pressing the AUTO button cancels the air
distribution settings via iDrive and vice
versa. ◀

Switching cooling function on and off



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

The cooling function is switched on automati-
cally with the AUTO program. The passenger

compartment can only be cooled with the engine running.

Maximum cooling



Maximally cooled air is obtained as quickly as possible from an outside temperature above approx. 32 °F / 0 °C and with the engine running.

The automatic climate control changes over to the lowest temperature and switches into the recirculated-air mode. The maximum air volume only flows out of the vents for the upper body. It is therefore necessary for these vents to be open for maximum cooling.

AUC Automatic recirculated-air control/recirculated-



You can respond to odors or pollute the environment by suspending the supply of fresh air from the outside and then recirculating the air inside the vehicle. In AUC mode, a sensor detects pollutants in the outside air and switches the mode automatically.

Press the button repeatedly to switch between the following control sequence:

- ▶ LED off: outside air flow is restored continuously.
- ▶ Right LED on, AUC mode: the system detects pollutants in the outside air and responds by blocking the supply of outside air when required.
- ▶ Left LED on, recirculated-air mode: the supply of outside air into the vehicle is shut off continuously.



If condensation starts to form on the inside window surfaces during operation in the recirculated-air mode, you should switch it off while also increasing the air volume as required.

The recirculated-air mode should not be used over a longer period of time, as the air quality inside the vehicle deteriorates continuously. ◀

Residual heat



The heat stored in the engine is used to heat the passenger compartment, e.g. while stopped at a school to pick up a child.

The function can be switched on when the following conditions are met:

- ▶ up to 15 minutes after switching off the engine
- ▶ engine at operating temperature
- ▶ sufficient battery voltage
- ▶ outside temperature below 77 °F / 25 °C

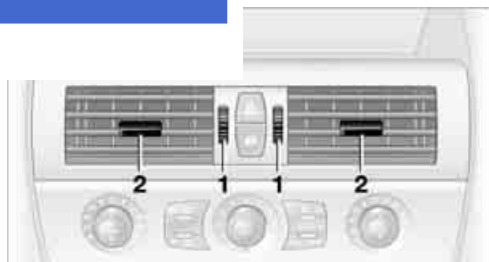
The LED lights up when the function is switched on.

With the ignition lock at radio readiness or engine start, the air volume can be set.

Automatic climate control on

When the automatic climate control is switched on, the heater and the fan are all switched on.

To start the automatic climate control, press any of its buttons.



- 1 Knurled wheels for smoothly opening and closing vent outlets
- 2 Levers for changing the airflow direction



Do not drop any foreign objects into the vent outlets; otherwise, they could be catapulted outwards and cause injuries. ◀

Ventilation for cooling

Adjust the vent outlets to direct the flow of cool air in your direction, for instance, if the interior has become too warm, etc.

Draft-free ventilation

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

Microfilter/activated-charcoal filter

The microfilter removes dust and pollen from the incoming air. The activated-charcoal filter provides additional protection by filtering gaseous pollutants from the outside air. Your BMW center replaces this combined filter as a standard part of your scheduled maintenance.

You can have more details on the Control Display, refer to page 16.

Parked car ventilation

The concept

The parked car ventilation system keeps the passenger compartment at a constant temperature.

It is ready to use in the parked car.

You can set two different activation times to start. The parked car ventilation is switched on and off directly via the iDrive controller.

Since the system uses a substantial amount of electrical current, you should refrain from activating it twice in succession without allowing the battery to be recharged in normal operation between uses.

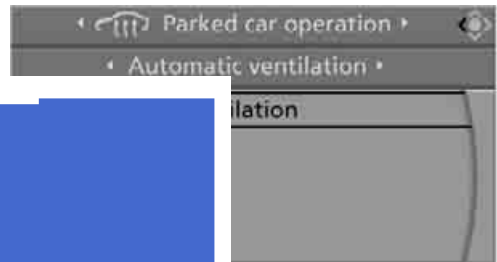
The air emerges through the upper body region vent outlets in the instrument panel. Therefore, please open the vent outlets.

The parked car ventilation system is operated via iDrive.

Switching on and off directly

iDrive, for explanation of principle, refer to page 16.

1. Open the start menu.
2. Move the controller to the left to open "Climate".
3. Select "Parked car operation" and press the controller.
4. Select "Automatic ventilation" and press the controller.
5. Select "Parked car ventilation" and press the controller.

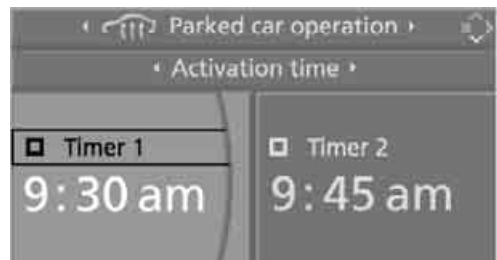


The parked car ventilation is switched on. The iDrive display shows the automatic ventilation status.

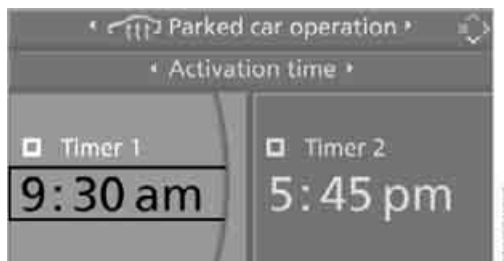
Activation times

You can set two different activation times to start. The parked car ventilation is switched on and off directly via the iDrive 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".



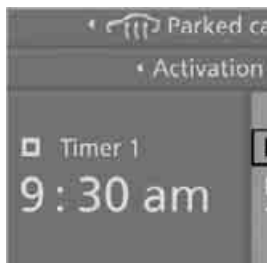
6. Select the time and press the controller.
The first time setting is selected.





7. Turn the controller to make the adjustment.
8. Press the controller to apply the setting.
The next adjustment is selected.
9. Make the remaining adjustments. After the last adjustment, the ti


Activating timer


Move the controller to the "Timer 1" or "Timer 2" and press the controller.



 The switch-on time is ...

The  symbol on the display of the automatic climate control lights up.

The  symbol on the display of the automatic climate control flashes when the parked car ventilation has switched on.

 The parked car ventilation is only available for activation within the subsequent 24 hours. After that, the time must be reactivated. ◀

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 accessories, such as garage and gate or lighting 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 memory buttons **1**. After this, memory button **1** will operate the accessory in question. The LED **2** flashes to confirm the successful transmission of the signal.

If you sell your vehicle or want to delete the programs beforehand, refer to page [113](#).

 To prevent possible damage to the vehicle before programming the integrated universal remote control, clear the immediate area to make sure there are no people, animals or objects in the range of the device. Also observe the safety precautions of the original hand-held transmitter. ◀

Checking compatibility

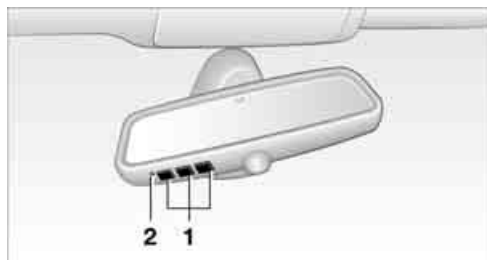
 If you see this symbol on the packaging or in the manual supplied with the original hand-held transmitter, it is safe to assume that it is compatible with the integrated universal remote control.

 If you have additional questions, please contact your BMW center or call: 1-800-355-3515.

Information is also provided on the Internet at: www.bmwusa.com or www.homelink.com.

HomeLink is a registered trademark of Johnson Controls, Inc. ◀

Programming



1 Memory buttons

2 LED

held transmitters

For more information, refer to page [59](#).

For the first time: press the left memory button **1** for approx. 5 seconds. The LED **2** flashes quickly. The memory buttons are deleted.


Hold the hand-held transmitter at a distance of approx. 4 in/10 cm to 12 in/30 cm from the memory buttons **1**.

Adjust the distance between the hand-held transmitter and the memory buttons on the particular original hand-held transmitter.

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 and repeat the step.
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 device when the engine is running or when the ignition is switched on.

 If the device 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 time and then remains lit for approx. 2 seconds, this indicates that the original hand-held transmitter uses an alternating-code system. In the case of an alternating-code system, program the memory buttons **1** as described at Alternating-code hand-held transmitters. ◀

Alternating-code hand-held transmitters


To program the integrated control, consult the operation manual for the equipment to be set. Information there on the possibility of programming.

When programming hand-held transmitters that employ an alternating-code system, follow the following supplement:

 Programming will be completed by a second person. ◀

1. Park your vehicle with the remote-controlled equipment.
2. Program the integrated control as described at Alternating-code hand-held transmitters.
3. Locate the button on the receiver of the device to be set, e.g. on the drive unit.
4. Press the button on the receiver of the equipment to be set. After step 4, you have approx. 30 seconds for step 5.
5. Press the programmed memory button **1** of the integrated universal remote control three times.

The corresponding memory button **1** is now programmed with the signal of the original hand-held transmitter.

 If you have any additional questions, please contact your BMW center. ◀

Deleting stored programs

Press the left and right-hand memory button **1** for approx. 20 seconds until the LED **2** flashes. All stored programs are deleted.

Programs cannot be deleted individually.

Glove compartment

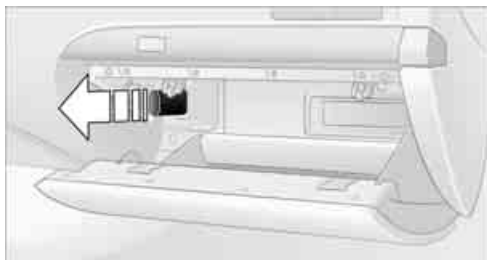
Opening




The glove compartment latch is located on the left side of the dashboard. When the latch is pressed, the glove compartment door opens and the interior lamps come on. In the event of an accident while the vehicle is being driven, the glove compartment must be opened immediately after the accident.

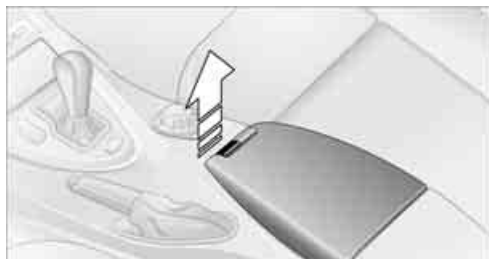
Light*

The flashlight is located on the left side of the glove compartment. The flashlight can remain there continuously. Remove the flashlight from the socket when needed.



 Be sure that the flashlight is switched off when it is inserted into its socket. Failure to comply with this precaution could lead to overcharging and damage. ◀

Center armrest



A storage compartment is integrated into the center armrest. The compartment can also be locked separately. For more information on this function, refer to page 33.

To open the cover:
Pull the left button. The cover is folded upward.

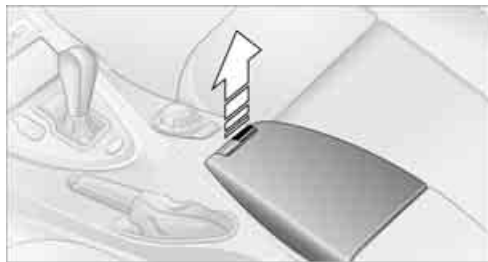
Depending on the version, the compartment can be equipped with a cradle* for the telephone.

Connection for external speakers

A connection for an external speaker is located in the storage compartment. For example, connect a CD player or an MP3 player, and play the sound via the vehicle loudspeakers, refer to page 171.

Adjusting height

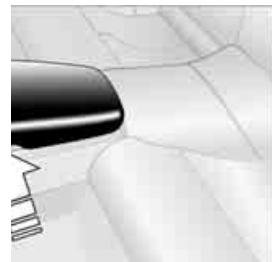
The center armrest can be set in two positions.



Pull the right button:
Move the armrest upward or downward and lock it in the desired position.

Other compartments

Storage compartment behind center seat




The compartment is located at the left or right edge of the center seat. It contains the cup holder and the lock for the note function, refer to page 33.

Other compartments and nets

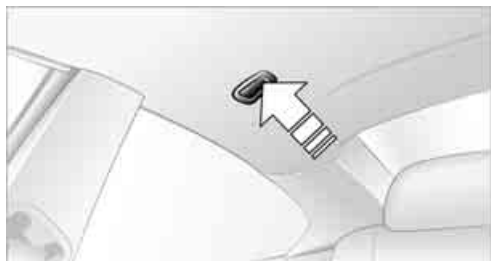
Other compartments are provided in the doors as well as in the front center console*.

Ticket pockets are located in the sun visors. Storage nets are located on the backrests of the front seats and in the passenger footwell*.

 To prevent the risk of injury during an accident, do not stow hard or sharp-edged items in the nets. ◀

Another storage space is located in the luggage compartment in the right side panel. If you wish, this is also suitable to store the onboard documentation.

Coupe: clothes hooks



To fold down, press at the top edge.

! When hanging clothes, ensure that it will not obstruct vision. Do not hang heavy items. If you do so, they could cause occupants during braking or emergency maneuvers.

Cup holders

! Do not place containers in the cup holders. There is an increased risk of injury in an accident. Do not force unsuitable objects into the cup holders, as otherwise damage may result.



The compartment of the rear center console contains a built-in cup holder and a removable one.



The removable cup holder can be inserted into the side of the center console.

Ashtray

Opening

the cover.



After pressing beyond the resistance, the ashtray lifts up for use.

Cigarette lighter



Press in the lighter with the engine running or the ignition switched on.

The lighter can be removed as soon as it pops back out.

⚠ Hold or touch the hot cigarette lighter by the knob only. Hold other areas could result in burns. Always take along the lighter when you leave the vehicle; otherwise, use the lighter.

Connecting electrical accessories

Socket

With the engine running or the ignition switched on, the cigarette lighter socket is a power outlet for hand flashers, etc., with power approx. 200 W at 12 V. Access to the socket is by inserting plug sizes.

In front passenger footwell



Access to the socket:
Fold open the cover.

Ski bag*

It permits safe and clean transport of up to two pairs of standard skis or one snowboard.

You can use the ski bag to stow skis up to 6.9 ft / 2.10 m long.

Loading

1. Press the button downward and pull the filler element forward.



Store the ski bag between the front seats. This provides you easy access to stowed skis and easy drying of the ski bag. The ski bag is located in the luggage compartment.



4. Open the loading flap and use the magnetic holder to secure it to the rear panel.

To stow the ski bag, perform the above steps in reverse order.

Only stow clean skis in the ski bag. Wrap sharp edges so that no damage occurs.

Securing cargo



After loading, secure the ski bag and its contents. To do so, tighten the retaining belt at the buckle.



Secure the ski bag in this way. If you fail to do so, it could move around and endanger occupants during braking or evasive maneuvers.

To refit the filler element, the bottom into the strip a ment back into place. Mak damage the rear seat uph





Driving tips

This section is designed to provide you support by supplying information in dealing with specific driving and operating conditions.



Things to remember when driving

Breaking-in

Moving parts need time to adjust to one another. To ensure that your vehicle continues to provide optimized economy of operation throughout an extended service life, we request that you devote careful attention to the following section.

Engine and differential

Always obey all official speed limits.

Up to 1,200 miles/2,000 km

Drive at changing engine speeds, however do not exceed 160 km/h.

Avoid full-throttle operation of the transmission's kick-down for the initial miles.

From 1,200 miles/2,000 km

The engine and vehicle speeds should be increased.

SMG Sequential Mode

Do not use the accelerator during the break-in period, refer to

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 reservedly during the first 200 miles/300 km.

Brake system

Brakes require an initial break-in period of approx. 300 miles/500 km to achieve optimized contact and wear patterns between brake pads and rotors. Drive in a reserved manner during this break-in period.

Clutch

The function of the clutch is only at its optimized level after a distance driven of approx. 300 miles/500 km. During this break-in period, engage the clutch gently.

Following part replacement

Observe the break-in instructions again if components mentioned above must be replaced after subsequent driving operation.

General driving notes

Luggage compartment lid

The luggage compartment lid must be closed, otherwise exhaust gases from the passenger compartment can enter the vehicle.

Passengers should make it absolutely certain that the vehicle with the lid open:

1. windows and the glass

2. closed top, close all win-

3. dows of the automatic climate control system to a high level, refer to


page 108.

Hot exhaust system




As in all vehicles, extremely high temperatures are generated in the exhaust system. Do not remove the heat shields installed adjacent to it, and never apply undercoating to them. When driving, standing at idle and while parking, take care to avoid possible contact between the hot exhaust system and any highly flammable materials such as hay, leaves, grass, etc. Such contact could lead to a fire, and with it the risk of serious property damage as well as personal injury. Do not touch hot exhaust tail pipes. Otherwise there is a risk of burns. ◀


Mobile communications devices in vehicle

 BMW advises against using mobile communications devices, e.g. mobile phones, inside the vehicle without a direct connection to an external antenna. Otherwise, the vehicle electronics and mobile communications device can interfere with each other. In addition, there is no assurance that the radiation emitted during transmission will be conveyed out of the vehicle interior. ◀


Hydroplaning

 When driving on wet or slushy roads, reduce road speed. If you do not, a wedge of water can form between tires and road surface. This phenomenon is called hydroplaning, and is characterized by a complete loss of contact between the tires and the road surface, ultimately resulting in a loss of steering and braking ability. The risk of hydroplaning increases with the depth of the tires decreases and the minimum tire tread on page 21.


Driving through water

 Do not drive through water that is deeper than 1 ft/30 cm. At a walking speed at the most, the engine, the electrical system and the transmission may be damaged.

Using handbrake on inclines

 On inclines, do not hold the vehicle with the clutch; use the handbrake. Otherwise, greater clutch wear will result. ◀


SMG Sequential Manual Transmission

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

Starting assistant

The starting assistant enables you to start off conveniently on slopes. The handbrake is not required for this purpose.

1. Hold the vehicle with the footbrake.
2. Release the footbrake and drive off quickly.

 The starting assistant holds the vehicle for approx. 2 seconds after releasing the footbrake. Depending on the load, the vehicle may also roll back slightly during this time. After releasing the footbrake, drive off quickly, otherwise the starting assistant no longer holds the vehicle after approx. 2 seconds and it begins to roll back. ◀

Braking safely

with ABS as a standard feature, it is best to use the vehicle maintains its direction, you can still avoid a minimum of steering


pedal combines with electronic circuits to indicate to its active mode.

your foot resting on the pedal light but consistent pressure to high temperatures, even brake failure. ◀

Brake pads


when driving on wet roads or in heavy rain, it is a good idea to apply light pressure to the brake pedal every few miles. Monitor traffic conditions to ensure that this maneuver does not endanger other road users. The heat generated in this process helps dry the pads and rotors to ensure that full braking efficiency will then be available when you need it.

Hills

 To prevent overheating and thus reduced efficiency of the brake system, downshift to a gear in which only minimal brake applications are needed when descending long or steep downhill stretches. Even light but consis-

tent pressure on the brake pedal can lead to high temperatures, brake wear and possibly even brake failure. ◀

The braking effect of the engine can be further increased by downshifting, if necessary all the way down into first gear. This strategy helps you avoid placing excessive loads on the brake system. For information on downshifting in the manual mode of the automatic transmission, refer to page 64.

 Do not drive with the clutch depressed, in idle or with the engine switched off, otherwise there will be no engine braking action or support of the braking force and steering. Never allow floor mats, carpets or any other objects to protrude into the area of movement of the pedals and impair

Corrosion on brake

When the vehicle is driven during extended periods used at all, and in operation brake applications are less frequent, there is an increased tendency for corrosion on brake rotors, while contaminating brake pads. This occurs because the pressure which must be applied during brake application is not reached.

Should corrosion form on brakes will tend to reduce the braking effect that even extends to the next repair.

When vehicle is parked

Condensation forms in the automatic climate control during operation, and then exits under the vehicle. Traces of condensed water under the vehicle are therefore normal.

Before driving into a car wash


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

General information on the care and maintenance of your BMW is contained in the Caring for your vehicle brochure.

Automatic transmission

Insert the remote control into the ignition lock. The engine can be switched off in selector lever position N. Also refer to page 38.

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



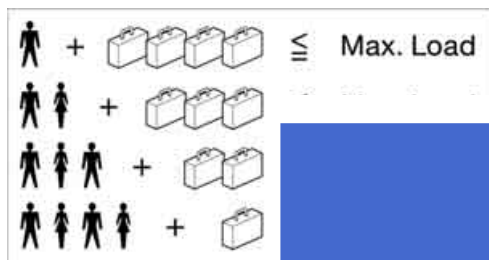
ing statement on your

ed weight of occupants should never exceed 1,500 lbs. (680 kg), as otherwise the vehicle will be in an unsafe and unstable driving condition. ◀

2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
3. Subtract the combined weight of the driver and passengers from XXX lbs. or YYY kg.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the XXX amount equals 800 lbs. and there will be four 150-lb. passengers in your vehicle, the amount of available cargo and luggage load capacity is 200 lbs.:
800 lbs. minus 600 lbs. = 200 lbs.

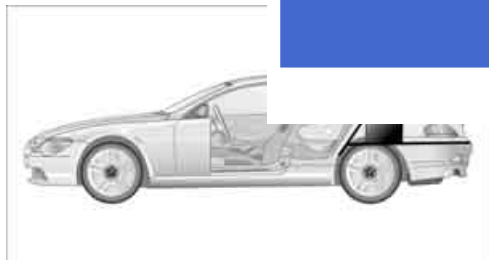
5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in step 4.
6. If your vehicle will be towing a trailer, part of the load from your trailer will be transferred to your vehicle. Consult the manual for transporting a trailer to determine how this may reduce the available cargo and luggage load capacity of your vehicle.

Load



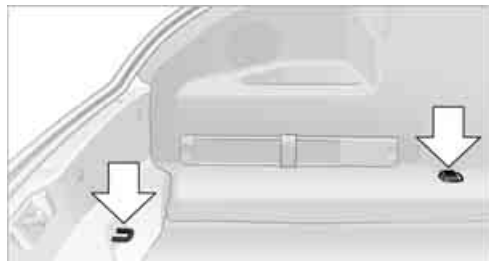
The permissible load is the combined weight of occupants and cargo/luggage. If the combined weight of occupants, the weight of cargo, and the weight of luggage can be transported.

Stowing cargo



- ▶ Place heavy cargo as far forward and as low as possible, placing it directly behind the bulkhead behind the rear seats.
- ▶ Cover sharp edges and corners.

Securing cargo



- ▶ Use the luggage net* or securing straps to hold down small and lightweight luggage and cargo.

- ▶ Heavy-duty cargo straps* for securing larger and heavier objects are available at your BMW center.

Four lashing eyes in the luggage compartment are for use with heavy-duty cargo straps.

Read the special instructions for heavy-duty cargo straps.

Secure the cargo as needed so that it cannot endanger occupants, for example if sudden maneuvers are necessary.

When using lashing eyes, use only the lashing eyes; otherwise, the lashing could damage the vehicle.

For the allowed gross vehicle weight and approved axle loads, refer

to page 226, as excessive loads can pose a safety hazard, and may also put you in violation of freeway safety laws.

You should never transport unsecured heavy or hard objects in the passenger compartment, as they could fly around and pose a safety hazard to the vehicle's occupants during abrupt braking or evasive maneuvers. ◀

Pad on base of luggage compartment

You can use the pad as needed, for example to transport soiled objects. The rubberized side is washable and has an anti-skid effect.



Navigation

This chapter describes how you can
ations and specify your route
navigation system guides you
reliably to your destination.



Starting navigation system*

Your navigation system can use satellites to ascertain the precise position of your vehicle and guide you reliably to any destination you enter.

Navigation DVD


The navigation system requires a special navigation DVD. The latest version is available at your BMW center.

Inserting navigation DVD



1. Insert the navigation DVD side up. The navigation system automatically starts.
2. Wait several seconds for the data from the DVD to be loaded.

Removing navigation DVD

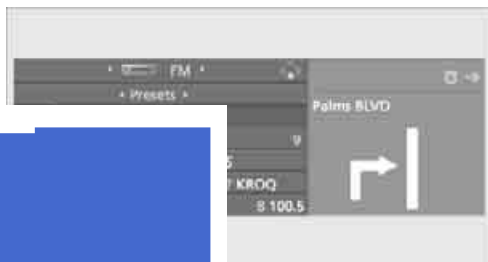
1. Press the  button. The DVD emerges slightly from the drive.
2. Remove the DVD.

If the DVD is not ejected from the drive, it is possible that it is blocked. In this case a message is also shown on the Control Display.

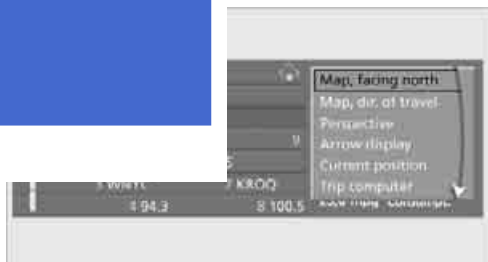
Display in the assistance window

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.



er.
s are displayed.
d route view or "Current

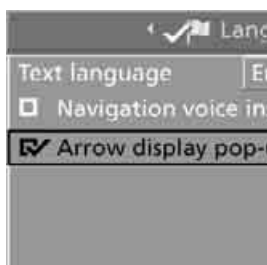


4. Press the controller.

Displaying arrow view in map view

If the navigation system suggests a change of direction, the arrow view is briefly displayed.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Turn the controller until "Settings" is selected and press the controller.
4. Turn the controller until "Language / Units" is selected and press the controller.
5. Change to upper field if necessary. Turn the controller until "Languages" is selected and press the controller.
6. Select "Arrow display pop-up instructions" and press the controller.



 The arrow display is s




Destination entry

In entering your destination you can select from among the following options:

- ▷ Entering a destination manually, see below
- ▷ Entering destination via voice*, refer to page 131
- ▷ Selecting destination using information, refer to page 134
- ▷ Selecting destination from a list, refer to Destination list, page 135
- ▷ Selecting destination from address book, refer to page 136
- ▷ Selecting home address, refer to page 138

After selecting your destination to start the destination entry, refer to page 140.

 Enter data only with caution, and always follow the instructions and road signs in the system. If you do not obey the instructions, you can endanger the lives of other road users. ◀

iDrive, for explanation of page 16.

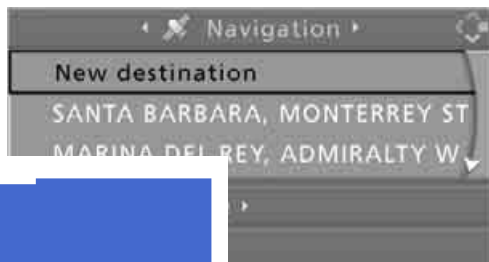
1. Press the **MENU** button. This opens the start screen.
2. Move the controller to the right to call up "Navigation".
3. Select "Navigation" and press the controller.

Entering a destination manually

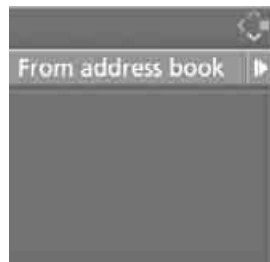
The system's word-matching principle makes it easier for you to enter the names of streets or towns, refer to page 139. This allows you to enter different spellings and completes your

entry automatically so that stored names can be called up quickly.

1. Change to upper field if necessary. Turn the controller until "Navigation" is selected and press the controller. "New destination" is selected.
2. Press the controller.



press" and press the con-



The system also assists you with the following features:

- ▷ If you do not enter a street, the system will guide you to the downtown area of a town or city.
- ▷ You can skip the entry of country and town/city if the current entries are being retained for your new destination.

Selecting country

1. Select "State / Province" or the displayed country and press the controller.



A list of available countries appears on the display.

2. Select the country of destination and press the controller.

In order to be able to start an address entry, at least the town/city and zip code must be entered

Entering town/city of name

1. Select "Town / City" and press the controller.
2. Select the first letter of the town/city and press the controller.

A list of all towns/cities starting with the selected letter appears on the display.

3. To delete the letter entered, press the controller.



- ▶ Delete individual numbers or letters: Move the controller toward the right to select the letter and press the controller.
- ▶ Delete all digits or letters: Move the controller toward the right to select the entire field and press the controller longer.

4. Enter additional letters if necessary. The list gradually grows smaller each time you enter a new letter.
 - ▶ To enter a blank space if necessary: Select the _ symbol and press the controller.

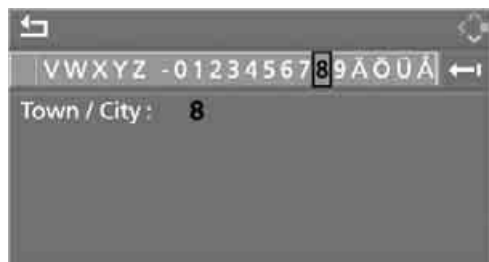


5. Change to the third field from the top if necessary and press the controller until the town/city is entered.



of destination via

1. Select "Town / City" and press the controller.
2. Enter the zip code: Select the individual digits and press the controller.



- ▶ Enter a blank space:
Select the _ symbol and press the controller.
 - ▶ Delete individual digits or letters:
Move the controller toward the right to select ← and press the controller.
 - ▶ Delete all digits or letters:
Move the controller toward the right to select ← and press the controller longer.
3. Select the zip code and press the controller.
The corresponding town/city of destination is displayed.
 4. Change into the third field from the top.
Turn the controller until the town/city of destination is selected and press the controller.

Entering street, house number, or intersection

After the street you can enter the house number or the intersection.

Entering street and house number

1. Select "Street" or the house number field and press the controller.
2. Enter the street.
The street is entered the same way as the town/city.



The intersection is entered in the same way as the street.

Entering a street without entering a town/city of destination

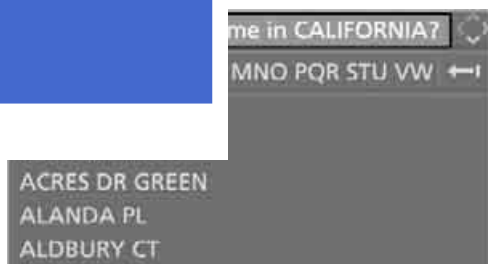
You can also enter a street without entering a town/city of destination. In this case all streets of the entered country are offered for selection. The related town/city is displayed after the street name.

If a town/city has already been entered, you can undo this entry. This may be practical if the desired street does not exist in the entered town/city of destination, because, for example, it belongs to another part of the town/city.

1. Change to upper field.
The ← arrow is selected.



Move the controller to the right until the town/city of a street in the country is selected and press the controller.



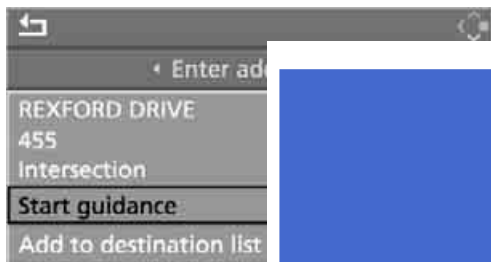
3. Change to the second field from the top and enter the street.

Entering house number

All house numbers stored for the street on the navigation DVD can be entered.

1. Select "House number" and press the controller.
2. Enter the house number:
Select the individual digits and press the controller.
3. Change into the third field from the top.
Turn the controller until the house number is selected and press the controller.


Starting destination guidance with manual destination entry




- ▶ Select "Start guidance" and press the controller.
- ▶ Destination guidance starts immediately.
- ▶ If destination guidance is not started immediately:
Select "Add to destination list" and press the controller.
The destination is stored in the destination list. For more information, refer to page 135.

Entering destination via voice*

You can enter a desired destination with the voice command system. When entering the destination, it is possible to change between voice command and iDrive at any time. Reactivate the voice command function for this purpose if necessary.

 With "Options" you can have the system read aloud the possible commands. ◀

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

 2. "Enter address"



Selecting country

1. Wait for the system to ask for the country of destination.

If the country of destination is not in the command system,

the country of destination can be spelled or pronounced.

of destination

of destination can be spelled or pronounced.

of destination

of destination, spell it clearly, emphasizing the country of

destination smoothly and at normal speed, with emphasis and

pauses.

1. Spell town/city name:
Say at least the first three letters of the town/city of destination. The more letters you say, the more exactly the system recognizes the town/city.

The system can suggest up to 20 towns/cities of destination that match your entries. Up to 6 entries are displayed at once on the Control Display.



A destination is suggested by the system.

2. Select a town/city:
 - ▶ Select highlighted town/city: ›Yes‹
 - ▶ Select other town/city: ›No‹
 - ▶ Select entry, e.g. ›Entry 3‹
 - ▶ Display additional entries of the list: ›Next page‹
 - ▶ To respell th

The town/city can also be entered via iDrive:

Turn the controller until the town/city of destination is selected and press the controller.

Entering the destination word*

Towns/cities of destination in the region where the navigation system is specified as an entire word.

Example: to enter a US town as an entire word, the system will suggest it in English.

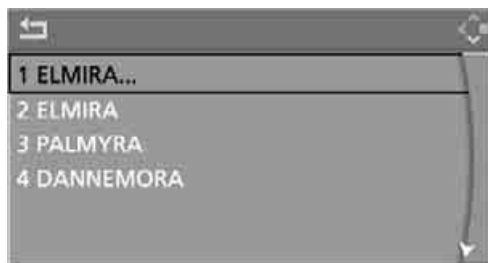
The condition for this is the use of a suitable navigation DVD.

Speak smoothly and at normal volume, avoiding excessive emphasis and pauses.

1. Wait for the system to request the town/city of destination.

2. Say the name of the town/city of destination.

The system can suggest up to 6 towns/cities of destination that match your entries.



A destination is suggested by the system.

3. Select a town/city:
 - ▶ Select highlighted town/city: ›Yes‹
 - ▶ Select other town/city: ›No‹
 - ▶ Select entry, e.g. ›Entry 3‹
 - ▶ Reenter the town/city: ›Repeat‹

▶/city of destination by ›Spell‹

▶ can be selected from the list

until the town/city of destination is selected. Then press the controller.

At the same sound which is initiated by the system, a separate list is shown as a list by three dots.

›Yes‹ if necessary. Then the town/city of destination is shown in this list. ◀

Entering the house number

Enter the house number in the same way as the town/city of destination.

To enter the house number:

1. ›House number‹
2. Say the house number.

Up to 4-digit house numbers can be entered. Say the house number as individual digits.

Starting destination guidance

›Start guidance‹

Destination guidance starts immediately.

Saving destination

The destination is added to the destination list or can be saved 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/city or street of the destination, then you can input the destination by using a map. You can use the cursor to select the destination on the map and then adopt it into the destination guidance.

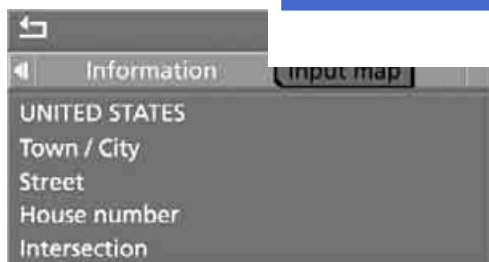
1. Select "Navigation" and press the controller.

"New destination" is s

2. Press the controller.



3. Select "Input map" and



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. Select a destination with the cursor.

› Changing scale: turn the controller.

› Moving map: move the controller in the corresponding direction.

The controller can be moved to the left, right, forward and back.

r to accept or store the
estination guidance sys-

city of destination and
re displayed.

menu item:

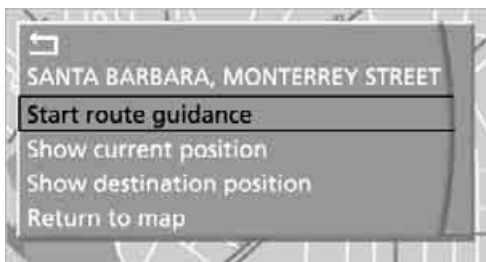
lance" starts destination

osition" places the cur-
he center of the map.

on position" places the
ion in the center of the


' changes back to the

✓ Exit the menu.



7. Press the controller.

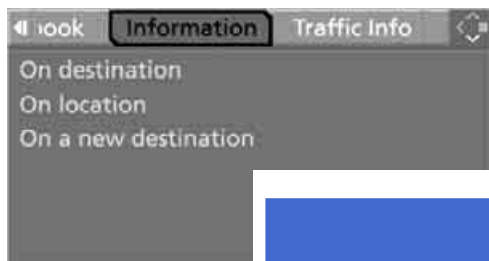
The map for destination input can also be called up from the map view:

Select the  symbol and press the controller.

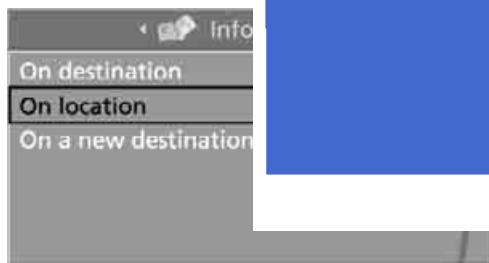
Selecting destination using information

You can obtain a display of selected destinations, e.g. hotels, sights or hospitals, and adopt them into the destination guidance.

1. Select "Navigation" and press the controller.
2. Select "Information" and press the controller.



3. Select a location:
 - ▷ "On destination"
 - ▷ "On location"
 - ▷ "On a new destination"



4. Press the controller.
5. Make your selection, e.g. "Hotels and restaurants", and press the controller.
6. Enter search criteria if necessary, e.g. the maximum distance from the current location.

7. Select "<Start search>" and press the controller.
These destinations are displayed on the Control Display.



8. Select a destination and press the controller.

The screen of the information and dependent on the respective/D.

1 menu item:

ddress into the destination
art the destination guid-

symbol and press the


telephone connection:

symbol and press the con-

ditional destinations:

symbol and press the

search:

Select the  symbol and press the controller.

To exit from the menu:

Select the  arrow and press the controller.

Symbols in map view

If, for example, you have selected the category Hotels, the hotels are shown on the map as symbols.

To hide the symbols in the map view:

1. Select the symbol and press the controller.



2. Select "Hide map icons" and press the controller.

The symbols are hidden.

To display the symbols:
Select "Show map icons" and press the controller.

To exit from the menu:

Select the back arrow and press the controller.

Destination list

The last 20 destinations entered in the destination list are displayed. You can select a destination and adopt it as the current destination in the navigation guidance system.

For example, in order to plan a longer route, you can store all of the destinations you wish to visit in the destination list ahead of time, refer to Entering a destination manually on page 128.

Select "Navigation" and press the controller.



The last destination entered is the first item in the destination list.

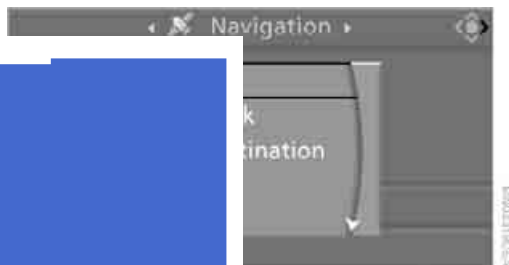
➡ This symbol indicates the current destination during destination guidance.

To display other destinations in the destination list:

turn the controller.

Adopting the destination into the destination guidance system

1. Select the desired destination from the destination list and press the controller.
2. Select "Start guidance" and press the controller.



Destination list

The last 20 destinations entered in the destination list are displayed. You can select a destination and adopt it as the current destination in the navigation guidance system.

To enter a destination manually:

Select "New destination".

To enter a destination from the address book:

Select "Address book".

To enter a destination from the recent destinations list:

Select "Recent destinations".

To delete a destination from the destination list:

Select "Delete entry".

To delete all destinations from the destination list:

Select "Delete list". Destination guidance is switched off.

To change a destination in the destination list:

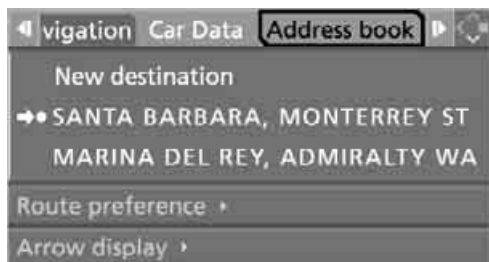
Select "Edit". For operation, refer to Entering town/city of destination via name, page 129.

3. Press the controller.

Address book

Opening address book

iDrive, for explanation of principle, refer to page 16.



Select "Address book" and press the controller.

Storing destination:

You can store approx. 10 addresses in the address book.

1. Select "Address book" and press the controller.
2. Select "New address" and press the controller.



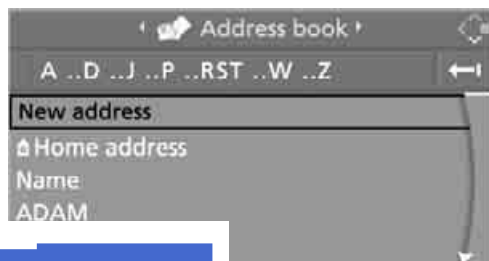
3. Select "Enter address" and press the controller.
4. Enter name and address, also refer to Entering a destination manually, page 128.
5. Select "Store in address book" and press the controller.
The entry is stored in the address book.

You can also store a destination from the destination list in the address book, refer to page 135.

Storing current position*

The current position can be adopted into the address book.

1. Select "Address book" and press the controller.
2. Change into the third field from the top. Turn the controller until "New address" is selected and press the controller.



nt location as address" controller.

an be changed. For operating a destination manually,

ddress book" and press

ur current position in the ive left the sector covered). In this case, you must

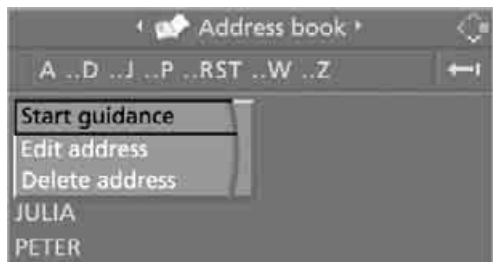
tions from address

1. Select "Address book" and press the controller.
The stored entries are displayed on the Control Display.



2. Select the entry and press the controller.

To start destination guidance:
Select "Start guidance" and press the controller.



Changing destinations from address book

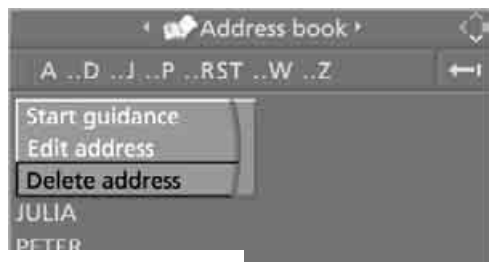
1. Select "Address book" and press the controller.
2. Select the entry and press the controller.
3. Select "Edit address" and press the controller.



4. Change entry.
For operation, refer to the manual, page 120.
5. Select "Store in address book" and press the controller.

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.

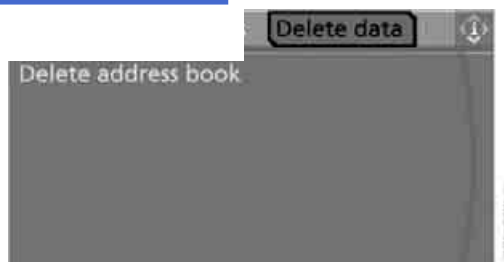


press the controller.

Deleting destinations from address book

1. Select the entry and press the controller.
2. Select the 'i' menu.
3. Select "Delete address" and press the controller.

4. Select "Delete data" and press the controller.
5. Select "Yes" and press the controller.

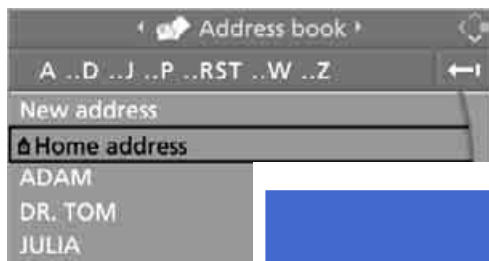


6. Select "Delete address book" and press the controller.
7. Select "Yes" and press the controller.

Storing home address

You can store your current position or the current destination as a home address in the address book. This entry is in the second position in the address book.

1. Select "Address book" and press the controller.
2. Change into the third field from the top. Turn the controller until "Home address" is selected and press the controller.



3. Select "Use current location" and press the controller.
4. Select "Store in address book" and press the controller.

Adopting home address

1. Select "Home address" and press the controller.
2. Select "Start guidance" and press the controller.

Changing home address

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 128.

Selecting route

You can influence the calculated route by choosing certain route criteria. You can change the route criteria as often as you like when entering the destination and whenever the destination guidance is active.

The route is planned according to fixed rules, taking the road type into account, e.g. whether it involves freeways or winding roads. The road types are stored on the navigation DVD. As a result, the routes recommended by the navigation system may not always be the same ones that you would choose based on personal experience.

Changing route criteria

Press the controller until "Route preference" is selected and press the controller.

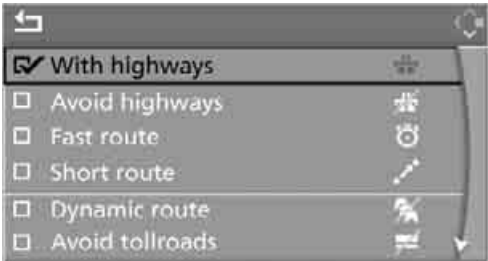
Press the controller until "Route preference" is selected and press the controller.



The route criteria are listed on the Control Display.

3. Select a route criterion for the route:
 - ▷ "With highways"
Freeways and major traffic arteries are given priority.
 - ▷ "Avoid highways"
Freeways are avoided where possible.
 - ▷ "Fast route"
The short traveling time, being a combination of the shortest possible route and the fastest roads
 - ▷ "Short route"
Short route, regardless of how fast or slow progress will be

4. Press the controller.



The route criterion is selected.

5. If necessary, select an additional route criterion and then press the controller:

- ▷ "Dynamic route"*
Automatic changing of the route in case of traffic obstructic
type of road as we
length of traffic ob.
can also be calcula
passes through the
- ▷ "Avoid tollroads"
Tollroads are avoic
- ▷ "Avoid ferries"
Ferries are avoided

To exit from the menu:
Select the arrow and p

The route criteria can also
arrow or map view:

1. Select the symbol for t
press the controller.
2. Select a route criterion and press the controller.

Word matching principle

The system supports the word matching principle to make it easier for you to enter the names of streets or towns/cities. The system runs ongoing checks, comparing your destination entries with the data stored on the navigation DVD as the basis for instant response. The user benefits include:

- ▷ Names of specific towns/cities can also vary from the official versions, provided that the spelling of the entry corresponds to a standard form used in another country.

Example:

Instead of "Munich", you can also enter the German spelling "München" or the Italian



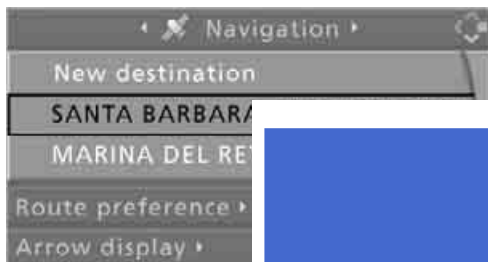
ing the names of towns/
he system will complete
as soon as enough let-
ensure unambiguous

cepts name entries
rs that are stored on the
e system will not accept
and addresses.

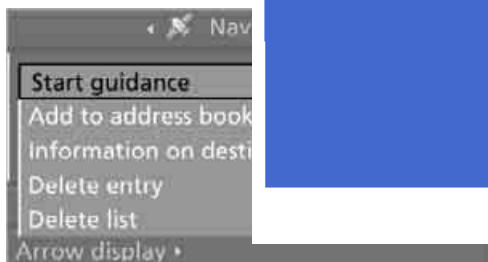
Destination guidance

Starting destination guidance


1. Change to upper field if necessary. Turn the controller until "Navigation" is selected and press the controller.
2. Select a destination from the destination list and press the controller or enter a new destination, refer to page 128.




3. Select "Start guidance" and press the controller.



After the route has been calculated, destination guidance is indicated by arrows or a map display on the Control Display.

 If the route criteria "Avoid highways", "Avoid tollroads" or "Avoid ferries" are selected, the calculation time for the route can increase considerably. ◀


The destination guidance can also be started in the arrow or map view:

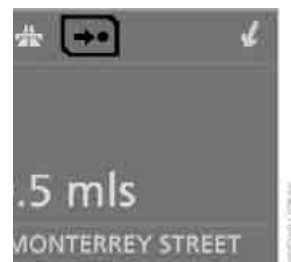
Select the  symbol and press the controller.


During destination guidance, you can operate other equipment via iDrive at any time. You are notified well in advance of a necessary change of direction by spoken instructions and the display of the direction arrows.

Terminating/continuing destination guidance

In arrow display or map view

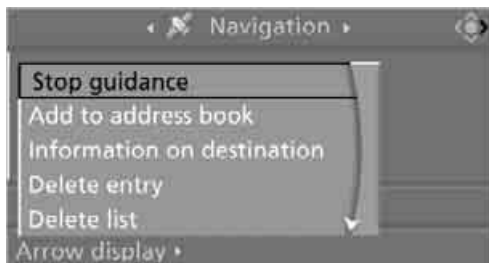
Select the  symbol and press the controller.



Select the  symbol as the current destination. Press the controller to continue the destination and press the controller.



2. Select "Stop guidance" and press the controller.



If the destination was not reached before the end of the last trip, upon restarting you will see the question:
"Continue guidance to destination?".

The destination guidance starts automatically after a short time.

To start destination guidance immediately, select "Yes" and press the



- 1 Switching voice instructions on/off
- 2 Manually displaying traffic information*
- 3 Selecting route criteria
- 4 Starting/stopping destination guidance
- 5 Arrow to destination as the crow flies
- 6 Distance to the next change of direction

Displaying route

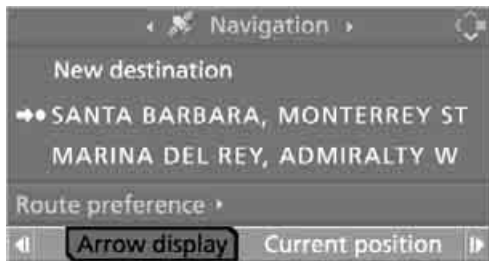
You have the option of displaying the route during destination guidance.



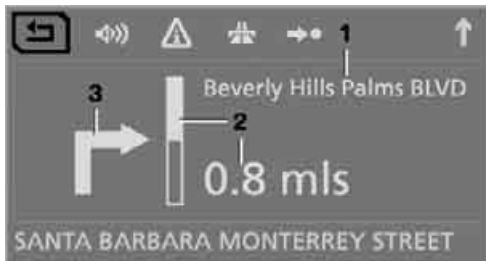
From another menu, you can select the route directly to the screen. For more information, refer to Comfort opening page 18.◀

Displaying arrow display

1. Select "Navigation" and press the controller.
2. Change into the fourth screen. Turn the controller until "Arrow display" is selected and press the controller.



The arrow display is displayed.




Before a change of direction, the appearance of the arrow changes.

- 1 Street name for change of direction
- 2 Distance to change of direction

3 Change of direction

To exit from the menu:

Select the  arrow and press the controller.

Displaying map view

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. Change into the fourth field from the top. Turn the controller until the desired map view is selected:
 - ▷ "Map facing north"
 - ▷ "Map direction of travel"
 - ▷ "Perspective"



3. Press the controller.



- 1 Switching voice instructions on/off
- 2 Starting/stopping destination guidance
- 3 Selecting destination using map
- 4 Displaying the menu in which the information last selected can be displayed/hidden, refer to Selecting destination via information on page 134

5 Changing map view

▷  "Map facing north"

▷  "Map direction of travel"

▷  "Perspective"

6 Changing route criteria

7 Manually displaying traffic information*

8 Arrow to destination as the crow flies

The estimated time of arrival and the distance to the destination are shown in the bottom line of the Control Display.

To exit from the menu:

Select the  arrow and press the controller.

At scales of less than 250 miles/500 km, you have the option of deciding whether to orient

ward your current direction of travel or toward your current direction of travel or toward north.

w

ling symbol and press the controller. The map view is displayed.

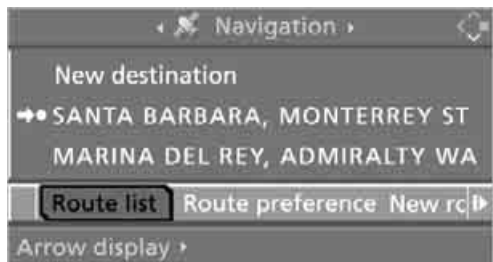
change the scale.

'cities and streets of

Is and towns along the route displayed during destination guidance.

The distances remaining to be traveled on each individual road are also displayed.

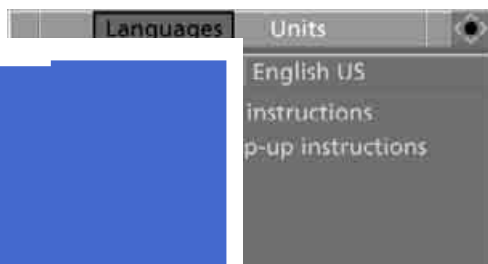
1. Select "Navigation" and press the controller.
2. Change into the third field from the top. Turn the controller until "Route list" is selected and press the controller.



4. Turn the controller until "Language / Units" is selected and press the controller.
5. Change to upper field if necessary. Turn the controller until "Languages" is selected and press the controller.

To exit the menu:

Select the arrow and press the controller.



Destination guide voice instruction

Switching voice instructions



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. Press the **MENU** button. This opens the start menu.
2. Press the controller to open the **i** menu.
3. Turn the controller until "Settings" is selected and press the controller.

voice instructions" and



The voice instructions are switched on. The setting is stored for the remote control currently in use*.

Repeating and canceling voice instructions

With the programmable buttons on the steering wheel you can also make the following settings, refer to page 55:

- ▷ Repeat the voice instruction:
Press the button.
- ▷ Switch voice instructions on/off:
Press button longer.

Setting volume of voice instructions

The volume can only be adjusted during a voice instruction.

1. Repeat the last voice instruction, if required.
2. Turn the knob during the voice instruction to select the desired



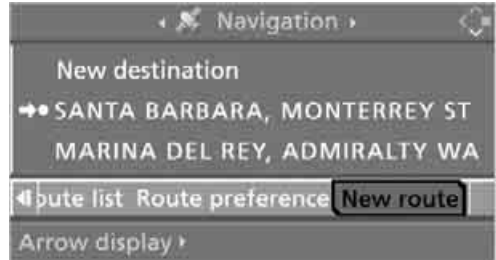
This volume is independent of other audio sources.

The setting is stored for the next time you use the system.

Bypassing route sections

During destination guidance, you can revise the navigation system's route recommendations to avoid particular stretches of road. Enter the number of miles/kilometers that you want to travel before returning to the original route.

1. Select "Navigation" and press the controller.
2. Change into the third field from the top. Turn the controller until "New route" is selected and press the controller.



3. Turn the controller to enter the desired number and press the controller.

ted.

without changing the

and press the controller.

action*

you can display traffic information stations that transmit traffic Info traffic warning information of the traffic warning updated using measuring centers and information indicators.

identify the traffic information

located near you on the route is automatically displayed. Regardless of whether the destination guidance is active, you can display the traffic information in the map view or in a list.

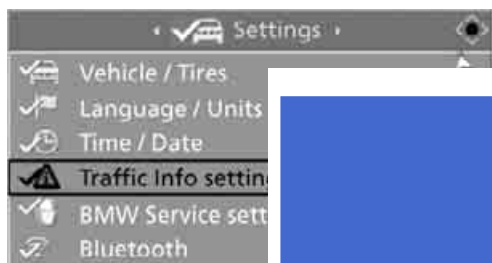
Switching reception of traffic information on/off

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

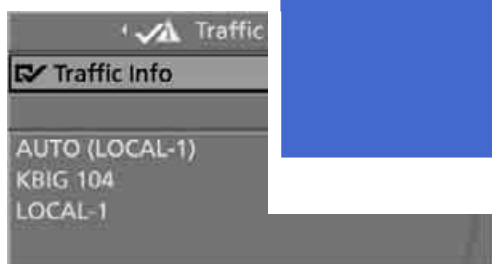
- Turn the controller until "Settings" is selected and press the controller.




- Turn the controller until "Traffic Info settings" is selected and press the controller.




- Select "Traffic Info" and press the controller.



 The traffic information can be received and displayed.


"AUTO": automatic selection of the Traffic Info station with the strongest reception.


 Depending on the station, either the station name, frequency, local number or other information is displayed. ◀

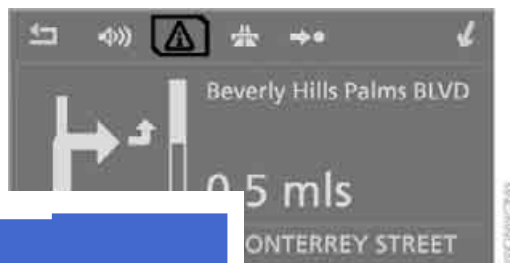
Manually displaying traffic information

During destination guidance

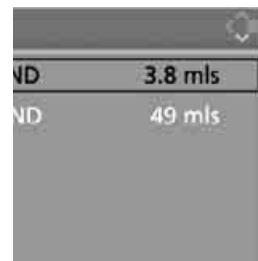
Traffic information can be displayed manually during destination guidance in the arrow or map view.

 If the symbol is shown with a red border, traffic information is available for the planned route.

Select the  symbol and press the controller.



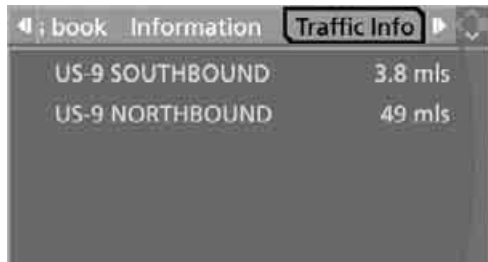
In this case, the traffic information along the planned route is marked with a



The traffic information along the planned route is shown sorted according to the distance to the current vehicle position.

With destination guidance switched off

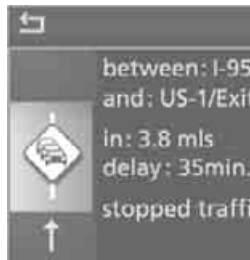
1. Open the start menu.
2. Move the controller to the right to call up "Navigation".
3. Select "Traffic Info" and press the controller.




First the traffic information route is shown sorted according to the current vehicle position.

Displaying detailed

Select a traffic information item and press the controller.



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

Depiction of traffic information in map view

The traffic information symbols are shown in the map view up to a scale of 100 miles/200 km.



Traffic event with map scales greater than 5 miles/10 km, arrow points in the direction of travel concerned



Several traffic events have been received. Select a smaller scale to display these individually.



5 miles/10 km, additional information. The length, direction of obstruction are indicated on the route, e.g.

for other event

up

traffic



Traffic event in both directions of travel

Along planned route

Colored symbol with the traffic obstruction symbol.

Outside planned route

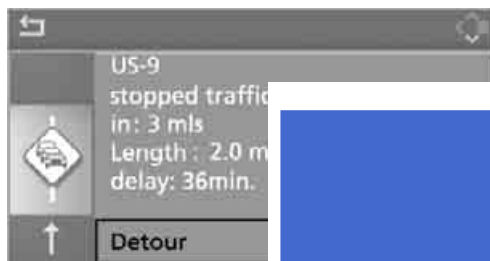
- ▷ Map scale up to 5 miles/10 km:
White symbol with black or gray border with the traffic obstruction symbol
- ▷ Map scale from 10 miles/20 km:
White symbol with black border and an arrow in the direction concerned

Traffic information during destination guidance

The system behavior varies depending on whether "Dynamic route" is selected.

Displaying traffic obstructions

If a traffic obstruction is reported to the navigation system and "Dynamic route" is not selected, you will be provided with certain information from a distance of approx. 25 miles/40 km, e.g. the length of the traffic congestion. The last possible junction will be displayed shortly before this.



Select "Detour" and press the button. The navigation system displays a detour route to bypass the traffic congestion. This information is also displayed on a different application display.

Hiding traffic obstructions

If "Dynamic route" is selected, the system automatically changes the route if traffic obstructions are reported along the original route. The system does not point out traffic obstructions along the original route. Depending on the type of road as well as the type and length of traffic obstruction, the route can also be calculated in a way that passes through the traffic obstruction.

Symbols for traffic information



Traffic light failure



Roadwork



General traffic obstruction



Transport of hazardous load



Vehicle on wrong carriage way



Danger



Low clearance



No parking



Fog



Icy roads



Uneven surface



Accident



Lane closure



Delay

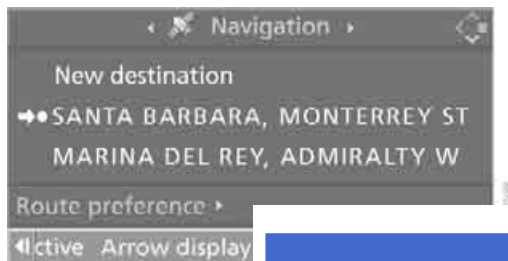


Police checkpoint

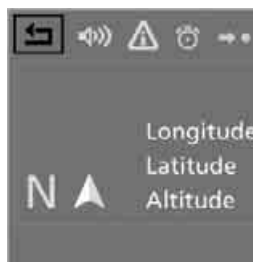
Displaying current position

You can also display your current position with the destination guidance switched off.

1. Select "Navigation" and press the controller.
2. Change into the fourth field from the top. Turn the controller until "Current position" is selected and press the controller.



The current position of y



If the navigation system town or city, your current 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 [142](#).

What to do if ...

What to do if ...

- ▶ a navigation DVD is inserted, but the request to insert the DVD is displayed on the Control Display?
The navigation DVD may not be the right DVD for the navigation system. The DVD is labeled accordingly.
- ▶ you request the current position of your vehicle, but do not receive a precise display?
The system is unable to receive enough GPS signals at your current position due to obstructions, your position is not yet available on your navigation system. As a rule, reception is better in the open air.
- ▶ the destination guidance is not displayed?
The data of the destination is not stored on the navigation DVD that is loaded. In this case, the system will not offer you any letters to choose from. Select a destination that is as close as possible to the original.
- ▶ the destination guidance is not displayed without the letters?
On the navigation DVD, the destination can be determined for the first time. Enter any street name such as the railway station. The destination guidance will then be displayed.
- ▶ you want to enter a destination for the destination guidance, but it is not possible to select the letters for your desired entry?
The data of the destination is not stored on the navigation DVD that is loaded. In this case, the system will not offer you any letters to choose from. Select a destination that is as close as possible to the original.

- ▶ the system stops furnishing directions on which way to turn as you approach intersections?
You are driving in an area that has not yet been completely recorded on the navigation DVD. Instead of an arrow indicating a turn, you will see an arrow which indicates the general direction of your planned route. Or you have left the recommended route and the system requires a few seconds to calculate a new recommended route.
- ▶ the navigation system does not react to entries?

If the system has been reconnected after being disconnected, it then reacts before the system is restarted.



Entertainment

This chapter describes the operation of the radio and CD player as well as their tone settings.



On/off and tone

The following audio sources have shared controls and setting options:

- ▷ Professional* radio or Business radio
- ▷ CD player
- ▷ CD changer*

Controls

The audio sources can be operated using:

- ▷ Buttons near CD player
- ▷ iDrive
- ▷ Buttons on steering

Buttons near CD player

The layout of the button on your vehicle's equipment varies.

One drive:



Two drives:



1 Entertainment sound output on/off, volume

- ▷ Press: switch on/off.
When you switch on, the last set radio station or CD track is played.
- ▷ Turn: adjust volume.

2 Drive for audio CDs

3 Eject CD

4 Station scan/track search

- ▷ Change radio station.
- ▷ Select track for CD player and CD changer.

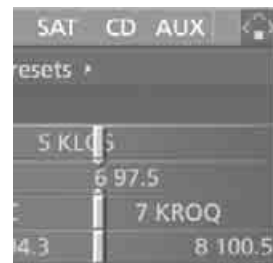
on DVDs

ve

button.

art menu.

er backwards to call up



You have the following choices:

- ▷ "FM" and "AM": radio reception
- ▷ "WB": Weather Band station
- ▷ "SAT": satellite radio
- ▷ "CD": CD player or CD changer
- ▷ "AUX": AUX-In connection
- ▷ "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 change directly to the screen last displayed, refer to Comfort opening of menu items, page 18. ◀

With the ignition key in radio-ready position or higher, the selected audio source is stored for the remote control currently in use.

Switching on/off

To switch the Entertainment sound output on/off:

Press knob **1** next to the CD player.

■ This symbol on the Control Display indicates that sound output is switched off.

For a single drive, the sound output is switched off for approx. 20 minutes with the ignition key in radio-ready position.

To do so, switch the sound output on/off.

Adjusting volume

Turn knob **1** next to the CD player to the desired volume is set.

You can also adjust the volume on the steering wheel, refer to page 18.

From radio readiness, the settings are saved for the remote control used at the moment.

Tone control

You can alter various tone settings, e.g. treble and bass, or the speed-dependent volume increase.

The sound settings are globally adjusted for all audio sources.

From radio readiness, the settings are saved for the remote control used at the moment.

Changing tone settings

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

3. Turn the controller until "Settings" is selected and press the controller.



4. Select "Audio" and press the controller.
The tone settings can also be selected when you have opened "Entertainment" in the start menu:
Select "Get" and then "Tone", and press the controller.

If necessary, turn the controller until "Bass" is selected.



2. Move the controller to the left or right to select "Treble" or "Bass".



3. Turn the controller until the desired setting is selected.

Balance and fader

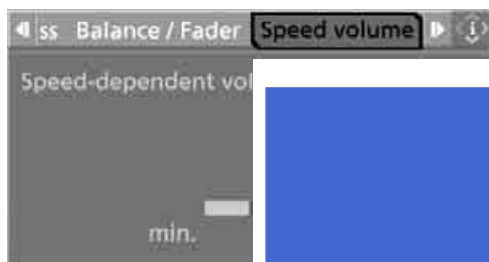
You can adjust the volume distribution in the same manner as "Treble / Bass".

- ▷ "Balance": left/right volume distribution
- ▷ "Fader": front/rear volume distribution

Speed-dependent volume control

The speed-dependent volume control automatically increases the volume with increasing speed. You can set various stages for the increase in volume.

1. Select "Speed volume" and press the controller.



2. Turn the controller:
The adjustment is changed.



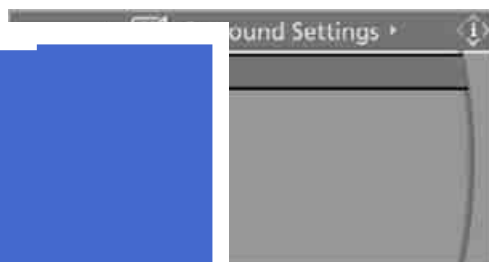
Individual high-end sound system*

You can choose between Stereo and Surround.

1. Select "Surround Settings" and press the controller.



2. Select "Stereo" or "Surround".



er.
effect is activated.

IC7 HiFi System*

ial sound effect that
icoustics in all frequency

1. Select "Surround Settings" and press the controller.



2. Select "Concert hall" or "Theater".



3. Press the controller.
LOGIC7 spatial sound is switched on.

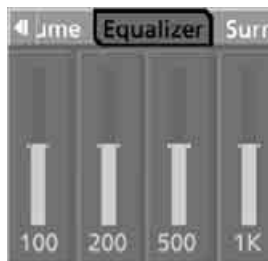
To switch off spatial sound:
Select "Off" and press the controller.

LOGIC7 and the LOGIC7 logo are registered
trade marks of Lexicon, Inc.
Harman International Group, Inc.

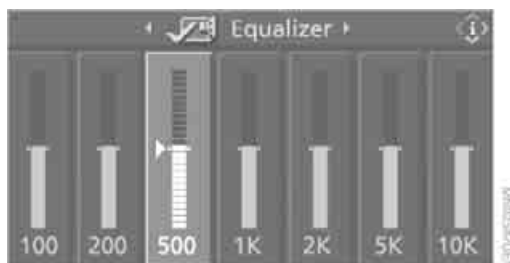
Equalizer*

You can set individual sound

1. Select "Equalizer" and



2. Move the controller to the left or right to
select the desired frequency range.

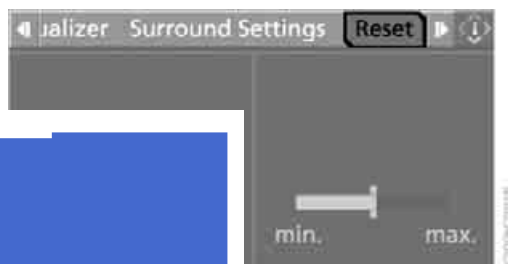


3. Turn the controller until the desired setting
is selected.

Resetting tone settings

You can reset all tone settings to the default
settings.

1. Open the start menu.
2. Press the controller to open the **i** menu.
3. Turn the controller until "Settings" is
selected and press the controller.
4. Select "Audio" and press the controller.
5. Change to upper field if necessary. Turn the
controller until "Reset" is selected and
press the controller.



"Yes".

Radio

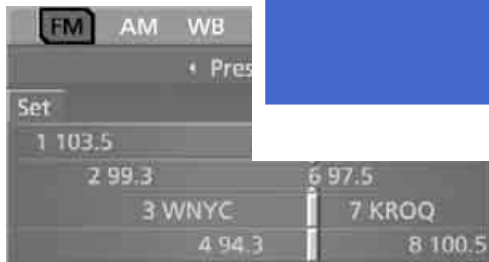
Your radio provides reception of the FM and AM wavebands.

Listening to radio



Press the button if the screen is off.

1. Press the **MENU** button. This opens the start screen.
2. Move the controller to the "Entertainment" screen.
3. Change to upper field controller until "FM" is selected.



4. Press the controller.

Stations are shown on the Control Display on the basis of various selection criteria, e.g. "Presets".

If "Autostore" does not display any stations or if the stations displayed can no longer be received, to update the station with the strongest signal, refer to page 157.

Changing stations



Turn the controller.

In addition to the stations currently displayed, you can select stations with another selection criteria.

io the following selection

currently be received in the

the strongest received signal waveband. On Radio: the stations with the strongest signals in the "FM"

Stations you have stored, refer to page 158.

- ▷ "Manual": Set stations that are received in addition to those displayed.

Business radio

You can choose from the following selection criteria:

- ▷ "Autostore": The stations with the strongest signal, refer to page 157.
- ▷ "Presets": Stations you have stored, refer to page 158.


- ▶ "Manual":
Set stations that are received in addition to those displayed.

Changing selection criteria

1. Change into the second field from the top.
2. Turn the controller until the desired selection criterion is selected and press the controller.



Buttons next to CD player

Press the  button for direction.
The system changes to the next station.
You can also change stations by turning the steering wheel, refer to the manual.

Sampling stations, scan

The system automatically scans for stations from each of the stations in the band.

1. Select "FM" or "AM" ;
"Set" is selected.
2. Press the controller.
Other menu items are displayed.
3. Select "Scan" and press the controller.




The stations are sampled.

To end sampling:

1. Press the controller.
2. Select "Scan" and press the controller.

This cancels sampling of the stations, and the radio remains on the current station.

Buttons next to CD player

To sample the stations, press and hold the  button for the corresponding direction.

To stop scanning, press the button again.

Selecting frequency manually

With "Manual" you can select stations that are received in addition to those displayed.

1" and press the control-

cond field from the top.
d press the controller.



to set a certain fre-

Updating stations with best reception

For Professional radio with "AM" and Business radio:

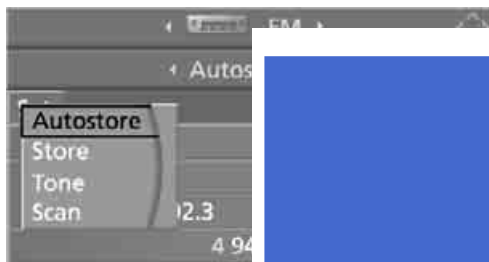
If you are on a longer journey and leave the transmission range of the stations originally set, you can update the list of stations with the best reception signal.

1. Select "FM" or "AM" and press the controller.
2. Change into the second field from the top.

3. Select "Autostore" and press the controller. "Set" is selected.



4. Press the controller. Other menu items are displayed.
5. Select "Autostore" and press the controller.



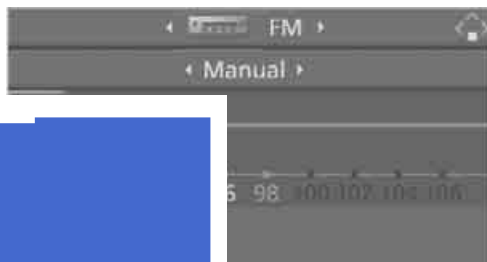
The display of the station reception is updated. The stations are displayed.

Storing station

1. Select "FM" or "AM" and press the controller.
2. Change into the second field from the top. Turn the controller until the desired selection criterion is selected and press the controller.
3. Select the desired frequency or station. "Set" is selected.



4. Press the controller. Other menu items are displayed.
5. Select "Store" and press the controller.



ayed.
or until the desired mem-
ected.
er.
red.



The stations of the last selection criterion are displayed once again after a short time.
From radio readiness, the stations are saved for the remote control used at the moment.

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 memory position is selected.
The number of the memory position appears beside the name of the station.
6. Press the controller.
The station is stored.

RDS Radio Data System

In the FM frequency range, information is transmitted via RDS. If the conditions are good, the station name is shown on the Control Display. If the signal is weak or disrupted, it can take several seconds before the station names are displayed.

Switching RDS on/off*

1. Select "FM" or "AM" and press the controller.
"Set" is selected.
2. Press the controller.
Other menu items are displayed.

3. Select "RDS" and press the controller.



☒ RDS is activated.

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

Automatic sorting

Based on the selection criterion, you can sort the most frequently used stations at the beginning.

" and press the controller.

and press the controller.



☒ The most frequently used stations are shown at the beginning.

Weather news flashes*

Weather Radio is a service of the National Oceanic and Atmospheric Administration (NOAA) of the US Department of Trade. Weather news flashes are repeated every 4 to 6 minutes and are routinely updated at intervals of 1 to 3 hours, and more often when necessary. Most stations operate 24 hours a day. In case of a storm, the National Weather Service interrupts the routine weather news and transmits special warning messages instead. If you have a question about NOAA Weather Radio, please contact the nearest office of the National Weather Service. Details are also provided on the Internet at www.nws.noaa.gov.

Calling up weather r

1. Select "WB" and pre



2. Select a station.

The station for weather
unavailable in some regi

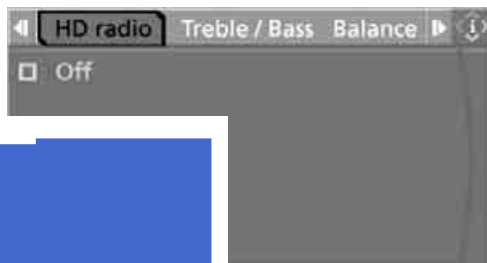
High Definition Radio*

Many stations transmit both analog and digital signals. You can receive these stations digitally and with improved sound quality.

A digital radio network must be available in order to receive digital stations

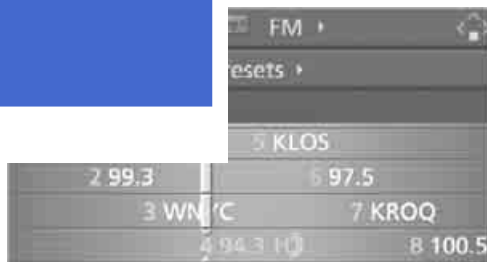
Activating/deactivating digital radio reception

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Turn the controller until "Settings" is selected and press the controller.
4. Select "Audio" and press the controller.
5. Change to upper field. Turn the controller until "HD radio" is selected and press the controller.



press the controller.
of digital stations is deac-

played when a station is
ly.



With some stations the digital signals are not transmitted simultaneously with the analog signals. If you are in an area in which the selected station is not continuously received digitally, playback switches between analog and digital reception. This can result in repetitions or interruptions. In this case it may be advisable to deactivate digital radio reception.

Selecting programs of a digital station*

Some stations transmit several programs. To select one of these programs:

1. Select "FM" or "AM" and press the controller.



2. Select "Manual" and press the controller.
3. Select a station that is HD. This symbol is displayed when a digital signal is being received.
4. Use the arrow buttons to switch to the next station with the button on the steering wheel.

3. Select "Autostore" and press the controller.



4. Press the controller. Other menu items are displayed.
5. Select "Autostore HD" and press the controller.

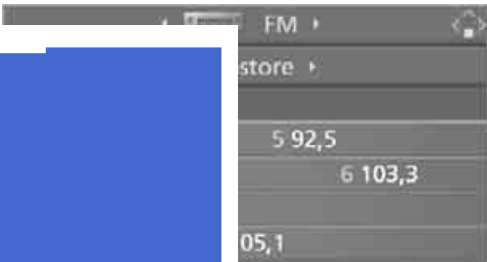
Updating stations of reception

If you are on a longer journey in the transmission range of the station, you can update the list of reception signal.

1. Select "FM" or "AM" and press the controller.



2. Change into the second field from the top.




stations offering digital transmission. This can take up to 10 seconds.

Additional information

Additional information is displayed, e.g. the name of the station.

1. Select a station and press the controller.
2. Select "Details" and press the controller.



 The information is displayed.




If a digital station is received again when the station is changed, the additional information will be displayed again following a brief interruption.

Satellite radio*

You can receive up to 16 channels with high sound quality.

The channels are offered in different packages. To receive them, you must have the right package.

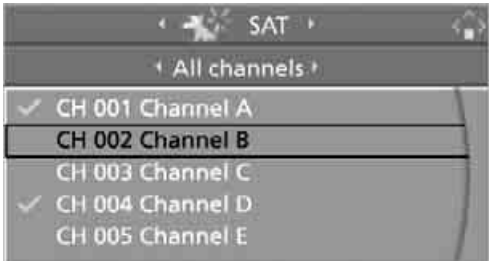
 With this new technology, causing interruptions.

Enabling or disabling channels

- 1. Press the **MENU** button. This opens the start menu.
- 2. Move the controller to "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.

The electronic serial number, ESN, is displayed.

The electronic serial number is displayed when enabling or disabling.


Channels:

or.

Select a channel and press the controller.



- 2. Select "ESN" and press the controller. The electronic serial number, ESN, is displayed.

 The electronic serial number is required to disable.

- 3. To have the channels disabled: Dial phone number.

Selecting and storing channel

1. Select "SAT" and press the controller.



Channels are shown on the Control Display sorted on the basis of selection criteria.

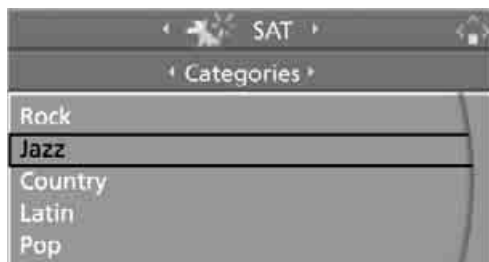
2. Select a menu item:

- ▷ "Presets":
Up to twelve channels previously.
- ▷ "All channels":
All channels are displayed.
- ▷ "Categories":
All channels sorted by news, jazz.



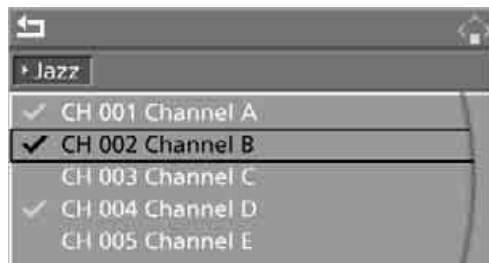
3. Press the controller.

4. If "Categories" has been selected:
Select the desired category and press the controller.



The channels of this category are displayed.

5. ✓ Select a channel marked with this symbol.

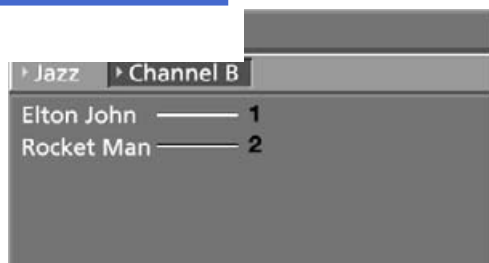


6. Press the controller.
Other menu items are displayed.
7. Select "Play" and press the controller.



tion

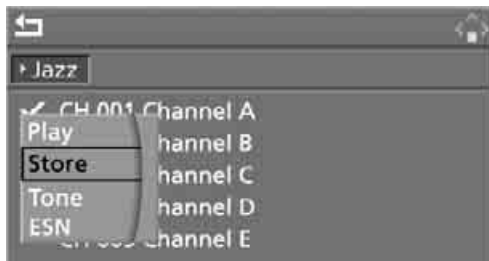
el and additional information are displayed, e.g.



- 1 Artist
- 2 Track

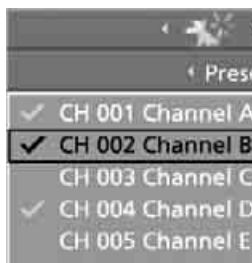
Storing channel

1. Select the desired channel.
2. Press the controller.
Other menu items are displayed.
3. Select "Store" and press the controller.



"Presets" is displayed.

4. Turn the controller to the position and press the controller.



The channel is stored. The selection criterion are displayed in short time.

Notes

If no signal can be received for more than 4 seconds, a message is displayed on the Control Display.




Reception may not be possible for certain reasons, e.g. environmental influences or topographical conditions. The satellite radio has no influence on this.

The signal may not be available in tunnels or underground garages, next to tall buildings, near trees, mountains or other sources of radio interference.

Reception is usually possible again as soon as the signal is available again. ◀

Changing channel with buttons next to CD player

Press the  button for the corresponding direction.

The system changes to the next enabled channel.

CD player and CD changer*

Listening to CDs

Compressed audio files*

CDs with compressed audio files, i.e. MP3, can be played by the CD player, but not by the CD changer.

CD player: starting CD



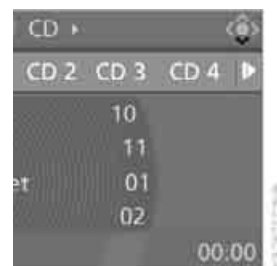
With two drives:
The upper drive is for audio CDs.
Insert the CD into the drive. The CD is automatically loaded. Playback starts automatically. For CDs with compressed audio files, playback can take up to approx. 1 minute depending on the data. To start playback when the drive is empty:

1. Press the **MENU** button. This opens the start menu.
2. Move the controller backwards to call up "Entertainment".

3. Change to upper field if necessary. Turn the controller until "CD" is selected and press the controller.



change to the second field and turn the controller and press the controller. Playback starts.



Playback starts automatically if the sound output is not muted.

Press the **CD** button next to CD player. The CD emerges slightly from the drive.

CD changer: starting CD

Fill the CD magazine and insert, refer to page 169.

1. Press the **MENU** button. This opens the start menu.
2. Move the controller backwards to call up "Entertainment".
3. Change to upper field if necessary. Turn the controller until "CD" is selected and press the controller.

4. Change to the second field from the top if necessary. Turn the controller until the desired CD, CD 1 - 6, is selected and press the controller.




At the end of the last track, the next CD will be selected.

If the CD magazine has been newly filled, playback begins with the lowest track number, track 1.

The CD magazine's location is displayed on the Control Display.

Selecting a track

Buttons next to CD

Press the  button for track selection in the previous direction repeatedly until the desired track is displayed.

The CD will start to play the selected track. The track is displayed on the Control Display.

You can also change the track by turning the steering wheel, refer to page 111.

Via iDrive

Select a track by turning the controller.




Compressed audio files*

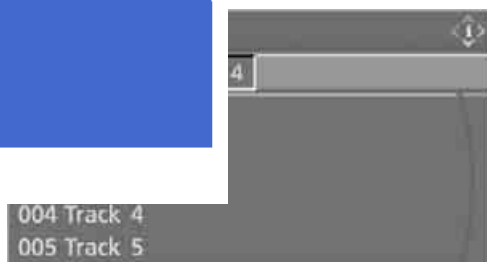
1. Select the directory if necessary and press the controller.




2. Select the track and press the controller.



Press the  button for track selection in the next direction repeatedly until the desired track is displayed. The track is displayed on the Control Display.



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

Displaying information on track*

With compressed audio files, you can display possibly included information about the current track, e.g. the name of the artist.

1. Press the controller.
2. Select "Details" and press the controller.



The information about the current track is displayed.

From radio readiness, the setting for the remote control used at the moment is saved.

Sampling tracks

The system automatically from each of the tracks or

1. Select "Set" and press the controller. Other menu items are



2. Select "Scan" and press the controller.



To end sampling:

1. Press the controller.
2. Select "Scan" and press the controller.

This cancels sampling of the tracks, and the player remains on the current track.

Compressed audio files*

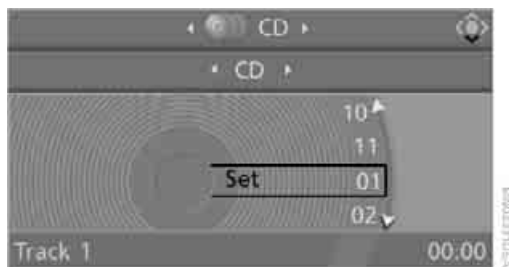
1. Select the current track and press the controller.
2. Select the desired menu item:
 - ▶ To sample all tracks of the current directory, select "Scan directory" and press the controller.
 - ▶ To sample all tracks of the CD, select "Scan all" and press the controller.



For "Scan directory" or "Scan all" and press the controller. This cancels search and the player track.

Repeating track

1. Select "Set" and press the controller. Other menu items are displayed.



2. Select "Repeat" and press the controller.



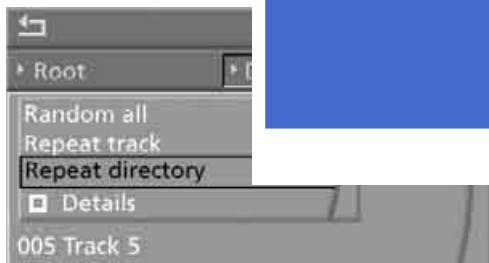
The current track on the CD is repeated.

To cancel repeat mode:

1. Press the controller again.
2. Select "Repeat" and press the controller.

Compressed audio files

1. Select the current track and press the controller.
2. Select the desired menu item:
 - ▶ To repeat the selected track, select "Repeat track" and press the controller.
 - ▶ To repeat all tracks in the current directory, select "Repeat directory" and press the controller.



To cancel repeat mode:

1. Press the controller.
2. Select "Repeat track" or "Repeat directory" and press the controller.

Random play sequence

In this mode, the tracks on the current CD are played once in a random sequence.

1. Select "Set" and press the controller. Other menu items are displayed.
2. Select "Random" and press the controller.

To cancel random mode:

1. Press the controller.
2. Select "Random" and press the controller.

Compressed audio files*

1. Select the current track and press the controller.
2. Select the desired menu item:

ks of the current directory
r, select "Random direc-
s the controller.

ks of the CD in random
Random all" and press the

ide:

er.

irectory" or "Random all"
troller.

reverse

ayer:

▶ button for the corre-
sponding direction.

CD magazine

The BMW CD changer for six CDs is installed in the glove compartment.

Removing CD magazine

To insert CDs into the CD magazine 1 or remove them from it, you must first remove the magazine from the CD changer:

Malfunctions with individual CDs/DVDs

If malfunctions occur only with particular CDs/DVDs, this can be due to one of the following causes.

Home-recorded CDs/DVDs

Possible reasons for malfunctions with self-recorded CDs/DVDs are, e.g., inconsistent data-creation or recording processes, or poor quality or advanced age of the CD/DVD blank.

Label CDs/DVDs only on the top, using a marker designed for this purpose.

Damaged CDs/DVDs

Avoid fingerprints dust, scratches, and moisture.

Keep CDs/DVDs in a sleeve.

Do not subject CDs/DVDs to temperatures above 122 °F /50 °C, high levels of humidity, or direct sunlight.

CDs/DVDs with copy protection

Manufacturers often provide copy protection. This can prevent copying. CDs/DVDs cannot be played on some devices to a limited extent.

Care

If necessary, clean the surface of the CDs/DVDs with a soft, lint-free cleaning cloth by wiping from the center outward.



AUX-In connection

You can connect an external audio device, e.g. an MP3 player, and play the sound via the vehicle loudspeakers. The sound can be adjusted via iDrive.

4. Select "AUX" and press the controller.
5. Adjust volume and sound if necessary.

Connecting

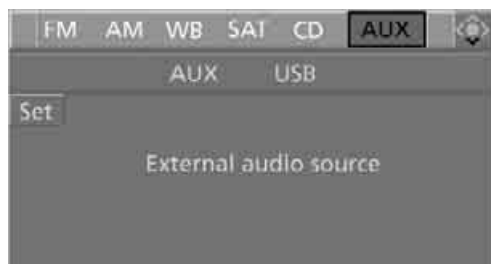


For audio playback via the vehicle loudspeakers, connect the headphone connection of the device to the AUX-IN port (1/8 in/3,5 mm jack plug).

Starting audio playback

The audio device must be connected to the AUX-IN port.

1. Press the **MENU** button on the iDrive controller.
This opens the start menu.
2. Move the controller button to the "Entertainment" menu.
3. Change to upper field if necessary. Turn the controller until "AUX" is selected and press the controller.





Communications

This chapter summarizes how to operate the vehicle using iDrive or voice control, and how to use BMW Assist or TeleService.



Telephoning*

The concept

Your BMW is equipped with a full mobile phone preparation package. After a suitable mobile phone has been paired in the vehicle once, you can operate the mobile phone via iDrive, with the buttons on the steering wheel and by voice.

A mobile phone that has been paired once is automatically detected again as soon as it is brought back inside the vehicle, provided that the engine is running or the ignition is switched on. The pairing data of up to four mobile phones can be stored simultaneously. If several mobile phones are detected since the last time a recently paired mobile phone was used via the vehicle.

Using a phone in the vehicle

Using snap-in adapters

The so-called snap-in adapters, which enable the battery of the mobile phone to be connected to the internal antenna of your vehicle, improve network reception and voice reproduction quality. However, after which mobile phones and adapters they offer.



BMW discourages the use of mobile phones or other mobile communications devices inside the vehicle without a direct connection to an outside antenna. Otherwise, the vehicle electronics and mobile communication device can interfere with each other. In addition, there is no assurance that the radiation that results from transmission will be dissipated from the vehicle interior. ◀

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 operating instructions 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 while driving can lead to accidents and injuries to vehicle occupants and other road users.

Compatible mobile phones

Only mobile phones for which mobile phones with a snap-in adapter are supported by the preparation package or which are supported in the snap-in adapters. Mobile phones that support the Bluetooth interface are supported in this Owner's Manual, provided that a certain software version is installed. A certain software can occur with other

Care instructions

You can find what you need to know about caring for your mobile phone in the separate Caring for your vehicle brochure and in the mobile phone operating instructions.

Operating options

You can operate the mobile phone* using:

- ▶ Buttons on steering wheel, refer to page 11
- ▶ iDrive, refer to page 16
- ▶ Voice commands, refer to page 185

A mobile phone detected by the vehicle should not be operated by the mobile phone's keypad; otherwise malfunctions may occur.

Placing phone calls with BMW Assist system*: BMW Assist calls

You can use the BMW Assist system via the hands-free unit for BMW Assist calls.

When the status information "BMW Assist" or "BMW Service" is displayed on the "Communication" screen, only BMW Assist calls can be made.

It may not be possible to establish a connection using the mobile phone while a call to BMW Assist is in progress. If this happens, the connection is being established. If this happens, the mobile phone and the vehicle will not be able to place a call with the mobile phone.

Initial operation

Pairing mobile phone

The following prerequisites must be met:

- ▶ Suitable mobile phone: The mobile phone must be supported by the full mobile phone preparation package. Information on this subject is also provided on the Internet at: www.bmw.com
- ▶ The mobile phone is ready to operate.
- ▶ The Bluetooth links of the vehicle, refer to page 179, and the mobile phone are active.
- ▶ Depending on the mobile phone, presets in the mobile phone are required: e.g. via the following menu items:
 - ▶ Bluetooth activated
 - ▶ Connection not with confirmation
 - ▶ Reconnect

- ▶ Depending on the mobile phone model, the setting energy saving mode can, for example, result in vehicle failing to detect the paired mobile phone.
- ▶ Specify any desired number as the Bluetooth passkey, e.g. 1, for pairing. This Bluetooth passkey is no longer required following successful pairing.
- ▶ The ignition is switched on.



Only pair the mobile phone with the vehicle stopped; otherwise you may become distracted and inadvertently endanger your passengers and other road users. ◀

Switching on ignition

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

Press the Start/Stop button by pressing the Start/Stop button and depressing the brake pedal.

iDrive

For the principle, refer to the iDrive manual.

Press the Start/Stop button to open the start menu.

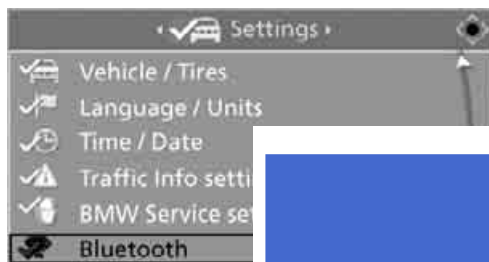


4. Press the controller to open the **i** menu.

5. Select "Settings" and press the controller.



6. Select "Bluetooth" and press the controller.



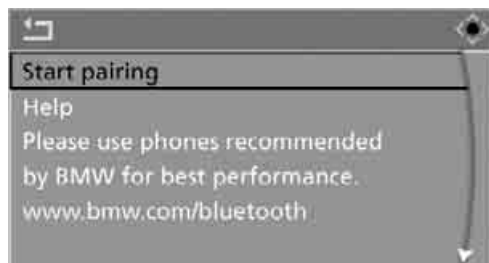
7. Change into the second screen and select "Phone" and press the controller.



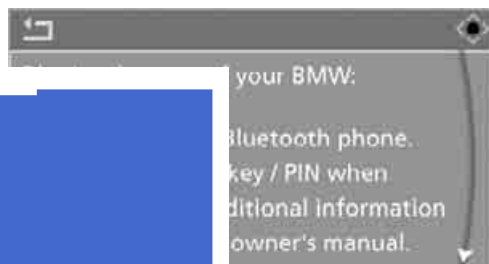
8. Select "Pair new phone" and press the controller.



9. Select "Start pairing" and press the controller.



The Bluetooth name of the vehicle is displayed.



mobile phone

Mobile phones must be carried out and differ depending on the operating instructions of the mobile phone, e.g. find, connect, Bluetooth device. The Bluetooth name of the vehicle is also shown on the mobile phone display.

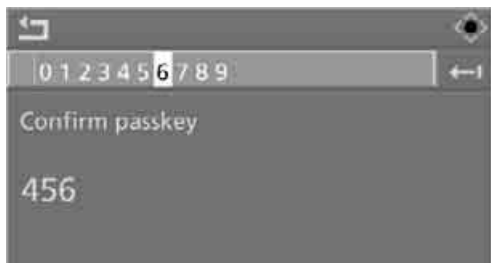
The Bluetooth name of the vehicle on the mobile phone display.

Pairing

Depending on your mobile phone, you will first be requested consecutively via the display of your mobile phone or iDrive to enter the Bluetooth passkey you specified.

12. Enter the Bluetooth passkey.

Depending on the mobile phone, approx. 30 seconds are available for entering the Bluetooth passkey on the mobile phone and on the Control Display.



13. Change into the third field from the top, select "Confirm passkey" and press the controller.
14. Wait a few seconds until the "Communication" menu appears.

The next time you use the mobile phone in the vehicle interior, it will be detected within a maximum of 2 minutes with the ignition switched on.

▶ With some mobile phones, it may be necessary to make a permanent Bluetooth link item Authorization or Security in the operating instructions of the mobile phone. ◀

As soon as a mobile phone is connected to the vehicle, the phone book entries are displayed on the SIM card or on your mobile phone. This is dependent on your mobile phone's operating instructions of the phone book, if necessary, and can take some time.

If not all phone book entries are displayed:

- ▶ Transfer all phone book entries from the SIM card to the mobile phone if necessary.
- ▶ It may not be possible to display phone book entries with special characters.

Up to four mobile phones can be paired consecutively. When you pair a fifth mobile phone, the pairing data of the mobile phone for which the pairing data were stored first in the vehicle will be deleted.

Check if pairing is unsuccessful

- ▶ Is the mobile phone supported by the mobile phone preparation package? Information on this subject is also provided on the Internet at: www.bmw.com.
- ▶ Do the Bluetooth passkey on the mobile phone and the vehicle match? The same Bluetooth passkey must be entered both on the mobile phone display and via iDrive.
- ▶ Have you required longer than 30 seconds to enter the Bluetooth passkey?
- ▶ Only a limited number of devices can be connected to the mobile phone. Delete the connection to other devices if necessary.
- ▶ The mobile phone no longer reacts? Switch the mobile phone off and then on again or restart supply.

ring" and press the controller.

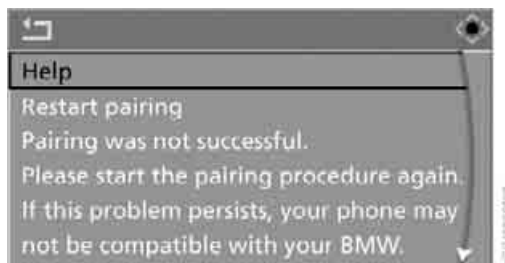


4.

If pairing was repeatedly unsuccessful, contact the BMW Hotline.

To call the BMW Hotline:

Select "Help" and press the controller.



The phone number of the BMW Hotline and information required for pairing is shown on the display. With mobile phones already paired, you can select the phone number of the BMW Hotline to establish the connection.



List of paired mobile phones

The mobile phones for which the vehicle has stored the pairing data can be viewed in the list of paired mobile phones. You can select several paired mobile phones at once and delete them from the vehicle simultaneously, or you can move a mobile phone to the top of the list to make it the highest up.

You can change the order of the list. As long as a mobile phone is in this list, the mobile phone can be operated via the vehicle.

For more information on the iDrive, for explanation of page 16.

1. Press the **MENU** button to open the start menu.
2. Press the controller to open the i menu.
3. Select "Settings" and press the controller.
4. Select "Bluetooth" and press the controller.
5. Change into the second field from the top, select "Phone" and press the controller.
6. Select the desired mobile phone.

With two drives:

- ▷ Move the controller to the rear to change into the bottom field.
- ▷ Select the desired mobile phone and press the controller.

With a single drive:

- ▷ Select the desired mobile phone and press the controller.



7. Select "Move device up" and press the controller.



The mobile phone is moved to the top of the list.

Deleting a mobile phone from vehicle

To delete the pairing data of a mobile phone, you can operate a mobile phone in the vehicle.

For more information on the iDrive, for explanation of principle, refer to page 16.

1. Switch off the mobile phone.
2. Press the **MENU** button to open the start menu.
3. Press the controller to open the i menu.
4. Select "Settings" and press the controller.
5. Select "Bluetooth" and press the controller. "Bluetooth" is selected.
6. Change into the second field from the top, select "Phone" and press the controller.

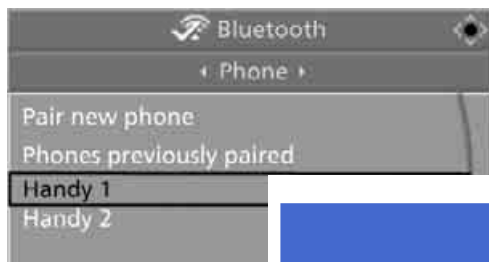
7. Select the desired mobile phone.

With two drives:

- ▶ Move the controller to the rear to change into the bottom field.
- ▶ Select the desired mobile phone and press the controller.

With a single drive:

- ▶ Select the desired mobile phone and press the controller.



8. Select "Delete device" and press the controller.



The unpaired mobile phone is removed from the list.

The phone book entries and the lists of stored phone numbers are also deleted.

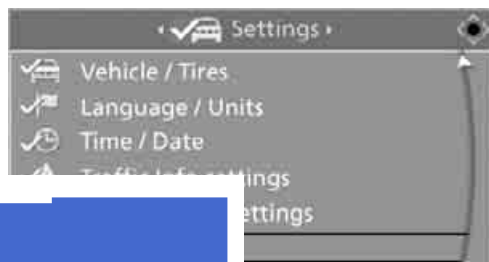
Activating/deactivating Bluetooth link

▶ Bluetooth technology is not approved in all countries. Observe the applicable local regulations. Temporarily deactivate the Bluetooth link between the vehicle and the mobile phone if necessary.

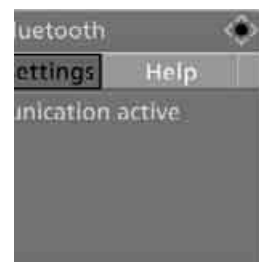
If the Bluetooth link is deactivated, you cannot operate your mobile phone via the vehicle and the mobile phone can use other devices with a Bluetooth interface, e.g. a laptop computer. ◀

To temporarily deactivate the Bluetooth link between your vehicle and your mobile phone:

1. Remove the mobile phone from the cradle and switch it off.
2. Press the **MENU** button to open the start menu.
3. Press the controller to open the **i** menu.
4. Select "Settings" and press the controller.
5. Select "Bluetooth" and press the controller.

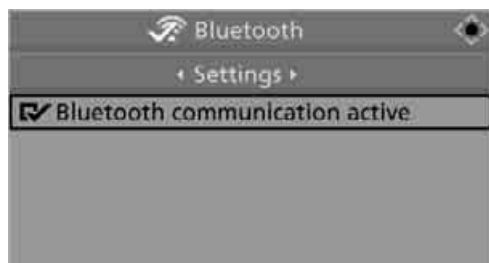


Select the 'Bluetooth' option from the top, second field from the top, and press the controller.



The status 'Bluetooth communication active' is displayed.

and press the controller to activate or deactivate the link.



- ☑ The Bluetooth link is activated.
- ☐ The Bluetooth link is deactivated.

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 using the buttons on the steering wheel, refer to the "Steering wheel" section.

The setting is stored for the next time the system is used.

Operation via iDrive

You can operate the following functions via iDrive:

- ▶ Accepting/rejecting incoming calls
- ▶ Dialing phone numbers
- ▶ Dialing phone numbers from the speed dial book
- ▶ Dialing stored phone numbers
- ▶ Viewing the list of accepted calls
- ▶ Ending a call

When the ignition and radio readiness are switched off, e.g. after removing the remote control from the ignition lock, you can continue an ongoing call via the hands-free system for no more than 25 minutes.

Speech quality

If the person you are talking to cannot understand you well, this may be due to excessively loud background noises. The full mobile phone preparation package can compensate for these noises to a certain degree.

To optimize the speech quality during a call, we recommend that you:

- ▶ Reduce background noises, e.g. by closing the windows, reducing the air volume of the automatic climate control or pointing the opened front vent outlets downward.
- ▶ Reduce the volume of the hands-free system.

Requirements

For the mobile phone to be able to use the hands-free system, the mobile phone must be connected to the vehicle's power supply.

The ignition must be switched on.

The mobile phone must be detected by the vehicle's system.

Activation

The functions described in the "Communication" menu.

For more information, refer to the "Communication" menu.

Press the "Communication" button to open the start menu.




2. Move the controller forward to open "Communication".

Receiving calls

If you have the phone number of the caller stored in the phone book and the phone number has been transmitted, the name of the entry is displayed.

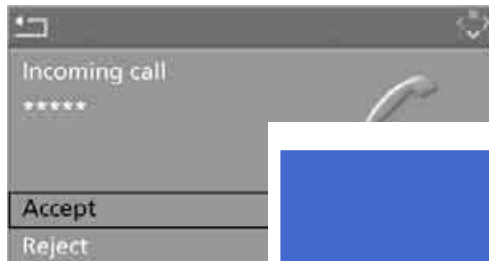
Accepting a call

Press the  button on the steering wheel.


Alternative:

"Accept" is selected.

Press the controller.



Rejecting a call

Select "Reject" and press  on the steering wheel.
The caller is diverted to your voicemail.
The caller has not been activated.

Calling

Dialing phone number

1. Select "Phone" and press the controller.




2. Select "Dial" and press the controller.

3. Enter the desired phone number by dialing the individual digits and pressing the controller.

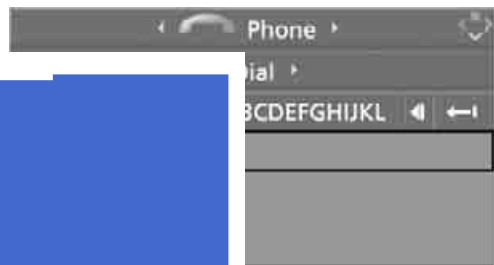
Always enter the complete phone number consisting of national dialing code, area code, and phone number.


The letters correspond to the digits on the keypad of the mobile phone.

To delete the last digit:

Move the controller toward the right to select the arrow  and press the controller down.

4. Select "Dial number" and press the controller.



1. Press the  button on the steering wheel.
The caller is diverted to the display of phone number.
The caller has not been activated by your service provider.

Press the  button on the steering wheel.

Alternative:

1. Select the phone number and press the controller.



2. "End call" is selected:
Press the controller.



Dialing a phone number from phone book or a phone number stored in a list

Phone numbers you have called, incoming calls and the entries of the phone book are stored in lists when the mobile phone is connected to the vehicle via Bluetooth. If you select the phone book, the name of the contact is displayed instead of the phone number. You can select the desired entry and press the controller. Five lists are available:

- ▶ "A - Z"
The entries of the mobile phone book, consisting of the name and the phone number, are sorted alphabetically.
- ▶ "Top 8"
The eight numbers currently stored in the Top 8 list.
- ▶ "Redial"
The last eight phone numbers you have dialed are automatically stored. The last number dialed is at the top of the list.
- ▶ "Missed calls"
The phone numbers of the last eight calls which were not accepted are stored. This requires the telephone number of the caller to have been sent.
- ▶ "Received calls"
The phone numbers of the last eight accepted calls are stored. This requires the telephone number of the caller to have been sent.

Dialing phone numbers from phone book

The list "A - Z" is available for your phone book entries. The phone book entries appear on the Control Display.

1. Select "Phone" and press the controller.



1. Select "Phone" and press the controller.
2. Select the desired entry and press the controller.
3. Select the desired entry and press the controller.



3. 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 a phone number stored in a list

To select an entry and establish a connection:

1. Select "Phone" and press the controller.
2. Select list and press the controller:
 - ▷ "Top 8"
 - ▷ "Redial"
 - ▷ "Missed calls"
 - ▷ "Received calls"



3. Select the desired entry and press the controller.



4. Select "Call" and press the controller.
The system dials the number.

Deleting individual entries

1. Select the desired entry from the list and press the controller.
2. Select "Delete" and press the controller.



The entry is deleted.

n the list and press the
umbers" and press the



"Yes" and press the

controller.
The list is deleted.

BMW Contact*

If you have not enabled BMW Assist, you can have several service numbers displayed:

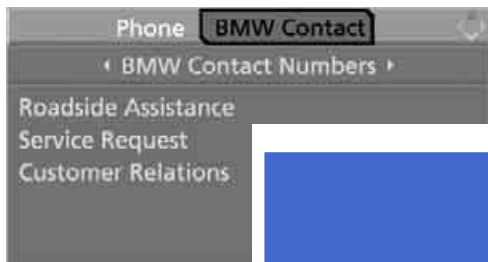
- ▷ Roadside Assistance* of the BMW Group when you require breakdown assistance
- ▷ BMW center, e.g. when you want to make an appointment for service
- ▷ BMW Customer Relations* for information on all aspects of your vehicle

If BMW Assist is enabled, refer to page 189.

You can dial the displayed service phone numbers if your mobile phone is paired in the vehicle:

iDrive, for explanation of principle, 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" and press the controller.



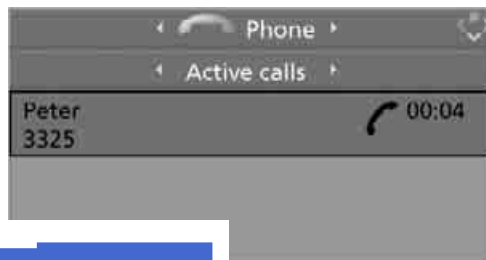
5. Select one of the following menu items and press the controller:
 - ▷ "Roadside Assistance"
 - ▷ "Customer Relations"
 - ▷ "Service Request"
6. Select "Call" and press the controller.
Contact is established.

Transferring phone number via tone dialing method

The tone dialing method is required for access to network services or for controlling devices, e.g. remote checking of an answering machine.

This function is available when a connection has been established.

1. Establish connection.



▷:
er.
and press the controller.

er backwards until the
ected.

l character and press the

sent immediately and
ne depending on the
del.




Changing between mobile phone and hands-free system

From mobile phone to hands-free system

You can continue calls begun outside the Bluetooth range of the vehicle via the hands-free system when the engine is running or the ignition is switched on. Depending on your mobile phone, the system automatically switches over to the hands-free mode.

For mobile phones that do not automatically switch over to the hands-free mode:

- ▶ Depending on the mobile phone model used, the conversation can be continued via the hands-free system if necessary. Follow the instructions displayed on the mobile phone display, refer to the instructions of your mobile phone.
- ▶ Press the  button in the center console. Switch over after several seconds.

From hands-free system to mobile phone

When you telephone via the mobile phone, you can also continue the conversation via the hands-free system if necessary, depending on the mobile phone model. Act according to the instructions displayed on the mobile phone display.

As an alternative, you can deactivate the Bluetooth link.

Depending on your mobile phone model, poor reception of the wireless communications network can result in the system switching from the hands-free system to the mobile phone.

Operation by voice*

The concept

You can operate your mobile phone without having to remove your hands from the steering wheel. When making your entries, you will be supported by announcements or questions in many cases.

The same prerequisites as for operation via iDrive apply, refer to page 180.

Voice commands

Activating system

1. Briefly press the  button on the steering wheel.



indicates that you can


operation by voice
the steering wheel

spoken, not a command,
is only possible using the
wheel.

Commands read aloud

is default commands
word for word.

You can have the system read aloud the possible commands at any point:

 ›Help‹.

Using alternative commands

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


 ›Dial name‹ or ›Name‹.

The system recognizes digits from zero to nine.

You can say each digit individually or group them into a sequence to accelerate the input.

Example: dialing phone numbers

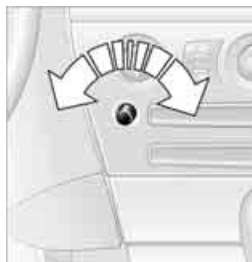
Start the dialog:

Press the  button on the steering wheel.

You say	The voice control answers
›Dial number‹	››Please say the number‹‹
e.g. ›123 456 7890‹	Depending on equipment: ››123 456 7890. Continue?‹‹ or ››123 456 7890. And next?‹‹
›Dial‹	››Dialing number‹‹

Setting volume of instructions

You can adjust the volume for the instructions from the system:



Turn the knob during ins

This volume for the inst
even if the other audio s
mum volume.

The setting is stored for
rently in use.

Correcting phone number

After the last spoken sequence of digits has been repeated by the system, you can delete this sequence of digits.

et.
ct number‹ can be
ou like.

umber

o this point are deleted.

quires a personal voice

ives for audio CDs and
the entries are automati-

only adopted from your mobile phone's memory.

- ▶ With a single drive, the entries must be entered by voice and are independent of your mobile phone's memory. In this case, it is not possible to use voice command either to call phone numbers stored in the mobile phone or to store new numbers.

Calling

Dialing phone numbers



- ›Dial number‹.
- Say the phone number.
For telephone calls abroad, say ›Plus‹ and then the country code.
- ›Dial‹.

The connection to the desired subscriber is established.

Creating and editing voice phone book*

Save entry:

An entry always consists of a name and phone number.

1. ›Save name‹.
The spoken length of the names in the phone book must not exceed approx. 2 seconds.
2. Say the name.
The spoken length of the names in the phone book must not exceed approx. 2 seconds.
3. Say the phone number after being requested to do so by the system.
4. To store the phone number:
›Save‹.

Delete entry:

You can delete any entry in the phone book.

1. ›Delete name‹.
The dialog for deleting is opened.
2. Say the name when prompted.
3. Confirm the prompt with ›Yes‹.

Delete all entries:

›Delete phone book‹ deletes all entries in the phone book.

1. ›Delete phone book‹.
The dialog for deleting is opened.
2. Confirm the prompt with ›Yes‹.
3. Confirm the repeated prompt with ›Yes‹.

Have entries read aloud and dial:

You can have all the entries of your voice phone book read aloud in the order of input and select a certain entry to establish a connection:

1. ›Read phone book‹.
The dialog for reading phone book is opened.
2. ›Dial number‹ when the desired entry is read aloud.

Selecting an entry

The connection to the phone number of the selected entry is established.

1. ›Dial name‹.
The dialog for selecting an entry is opened.
2. Say the name when prompted.
3. Confirm the prompt with ›Yes‹.

Redialing

The ›Redial‹ command calls up "Redial".

Notes

commands

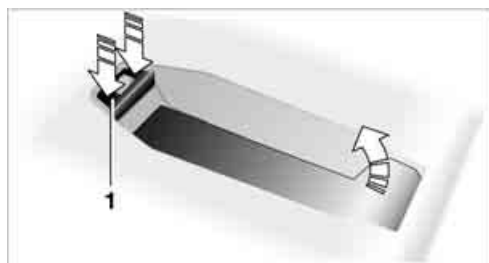
Keep the following in mind:

Is smoothly and at normal speed, without excessive emphasis

Windows and glass sunroof may cause interference from ambient noise in the vehicle

Driving snap-in

1. Press the area 1 around the button and remove the cover.



2. Insert the snap-in adapter at the front and press down until it engages.

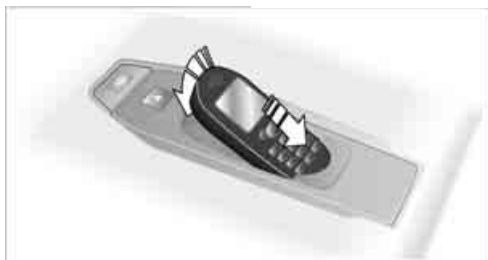


To remove the snap-in adapter:
Press the area 1 around the button.



Inserting mobile phone

1. Remove the protective cap from the mobile phone's antenna connector that the mobile phone's snap-in adapter.
2. With the buttons facing the mobile phone towards the steering wheel and press down.

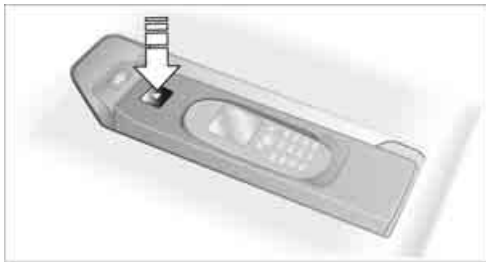


From radio readiness or with the steering wheel unlocked the mobile phone's battery is charged.



To protect the vehicle's batteries, avoid using the phone when the ignition is switched off. ◀

Removing mobile phone



Press button.

BMW Assist*

BMW Assist provides you with various services. For example, the position data of your vehicle can be transmitted to the BMW Assist Response Center if an emergency call* has been initiated.

Many BMW Assist services depend on the individually agreed contract.

After your contract has expired, the BMW Assist system will be deactivated by the BMW Assist Response Center without you having to visit a BMW center. Following the deactivation of the BMW Assist systems, no BMW Assist service is available. The BMW Assist system be reactivated by a BMW center on a new contract.

Requirements

You can use BMW Assist if the following requirements are met:

- ▶ The installed BMW Assist system must be on a mobile phone that is capable of transmitting data.
- ▶ To transmit position data, the system must be able to determine its location.
- ▶ A GPS signal must be available for the BMW Assist system to be activated.
- ▶ You have placed an order for the BMW Assist service contract at a BMW center or BMW Assist Response Center and signed the service contract. Enabling must have been completed.
- ▶ BMW Assist is activated, refer to page 194.

Services offered

The following services are available via BMW Assist:

- ▶ **Emergency call**, refer to page 217:
When you press the SOS button, a connection is established to the BMW Assist Response Center. The BMW Assist Response Center contacts you and arranges for further steps to help you.
- ▶ **Automatic emergency call**:
Under certain conditions a connection is established to the BMW Assist Response Center following a serious accident. The BMW Assist Response Center contacts you and arranges for further steps to help you.
- ▶ **Remote Assistance*** of the BMW Assist system: If you require help in the event of an accident, the vehicle's location data are transmitted to the BMW Assist Response Center. If possible, the vehicle is located and the vehicle's service status or necessary repairs are transmitted to your BMW center either automatically before a service due date or when you request a BMW service appointment.
- ▶ **Unlocking vehicle**:
Inform the BMW Assist Response Center, e.g. if your remote control is not available and you want to have the vehicle unlocked.
- ▶ **Vehicle search**:
After your vehicle has been reported to the police as stolen, the BMW Assist Response Center can locate its position. To do this, the vehicle electronics must be ready for operation.

In addition, you can be provided with other services, e.g. the information service or information on route planning, the traffic situation and the weather.

Press the SOS button to contact the BMW Assist Response Center, see below.

You also have access to the BMW Assist information service via the Internet.

Special features of services offered

The following special features apply to the services:

- ▷ 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 transmitted from the vehicle data, you data of the CBS Cor

Using services

Contacting BMW Assist Center

You can contact the BMW Assist Center with the SOS button.

1. Briefly press protect...
With some vehicle e...
in the Convertible, th...
switches and indicator lamps may enter...
somewhat.



2. Press the button for at least 2 seconds.
The BMW Assist Response Center is contacted.

Breakdown assistance

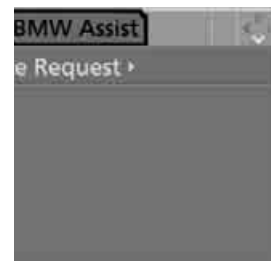
iDrive, for explanation of principle, refer to page 16.

1. Press the **MENU** button.
This opens the start menu.

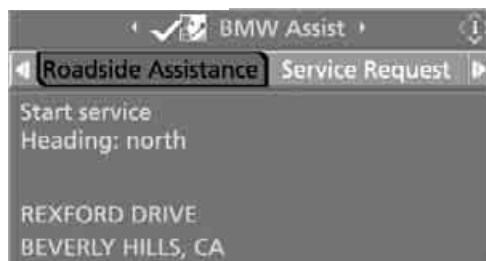


2. Move the controller forwards to select

field if necessary. Turn the
"BMW Assist" is selected
controller.



Assistance" and press



If the location can be determined, the current vehicle position is displayed.

5. Select "Start service" and press the controller.

The BMW Assist Response Center will connect you to the Roadside Assistance of the BMW Group.

TeleService

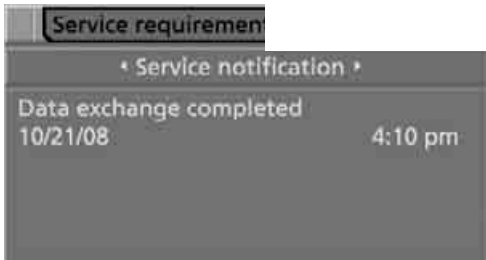
Automatic service notification*

The data on the service status of your vehicle or on necessary inspections is transmitted automatically prior to the due date. You can check when the BMW center was notified.

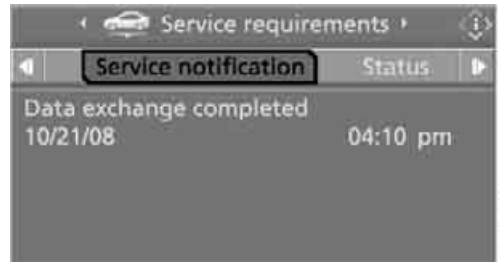
1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Select "Info sources" and press the controller.



4. Select "Service" and
5. Change to upper field controller until "Service" is selected and press the



6. Select "Service notification" and press the controller.



Manual service notification

You can transmit data on the service status of your vehicle to your BMW center if you want to make an appointment for service.

ation.

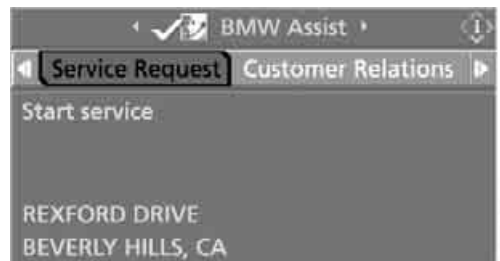
t menu.

- forwards to select

Hold if necessary. Turn the
"IW Assist" is selected
roller.



4. Select "Service Request".



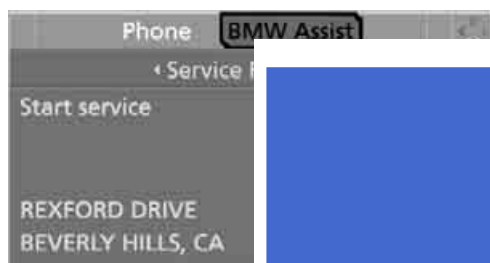
5. Press the controller.
6. Select "Start service" and press the controller.

The data relevant for service are transmitted. Your BMW center will contact you to set up an appointment for service.

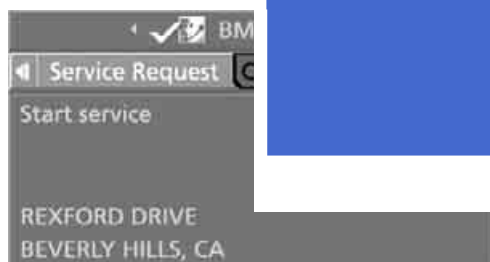
Contacting BMW Customer Relations

For information on all aspects of your vehicle, you can contact BMW Customer Relations.

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller forwards to select "Communication".
3. Change to upper field if necessary. Turn the controller until "BMW Assist" is selected and press the controller.



4. Select "Customer R



5. Press the controller.
6. Select "Start service" and press the controller.

You are connected to BMW Customer Relations by the BMW Assist Response Center.

Information service*

When you call the information service of BMW Assist, you can, for example, obtain information on current events, filling stations or hotels and have their phone numbers and addresses transmitted. Reservations can be made at many hotels directly by the BMW information service.

The information service must be enabled separately by the BMW Assist Response Center.

Calling up information

1. Press the **MENU** button.
This opens the start menu.
2. Move the controller forwards to select "Communication".

field if necessary. Turn the BMW Assist" is selected controller.



" and press the control-

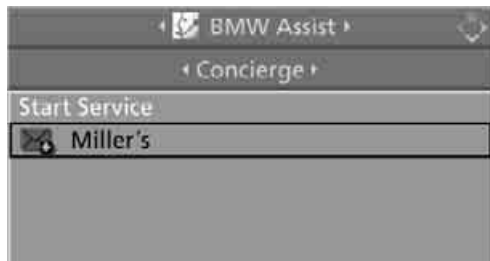


5. Select "Start Service" and press the controller.

The BMW Assist Response Center will connect you to the information service.

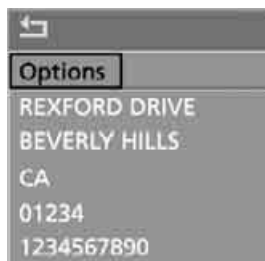
Displaying transmitted data

Select the received message if necessary and press the controller.



Dialing phone number or adopting address in destination guidance

1. Select "Options" and press the controller.



2. Select a menu item:
 - ▶ With "Call" you can establish a connection. This requires a mobile phone to be paired with the navigation system.
 - ▶ With "Select as destination" you can adopt the address in the destination of the navigation system.

Updating BMW Assist

Displaying and updating services

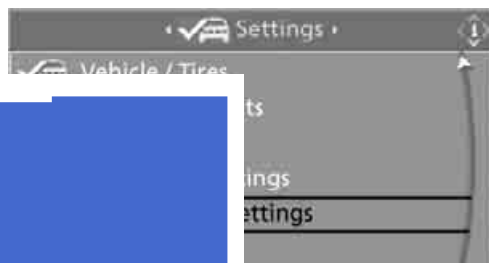
You will be notified of any changes in the services offered by BMW Assist. In this case you should update the services.

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

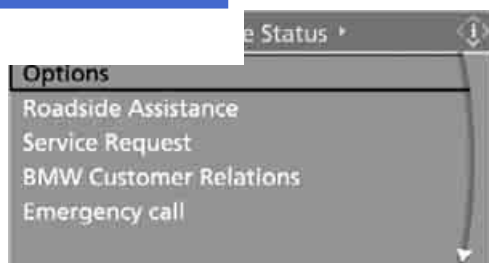
3. Turn the controller until "Settings" is selected and press the controller.



4. Turn the controller until "BMW Service settings" is selected and press the controller.



...old if necessary. Turn the
vice Status" is selected
oller.
is available from BMW
d.
"Options" and press the

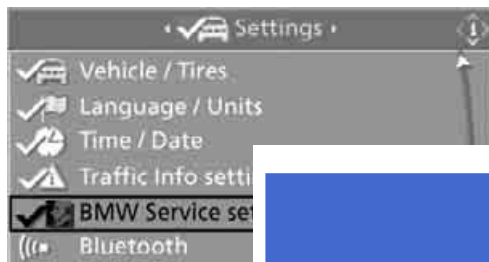


7. Select "Update services" and press the controller.

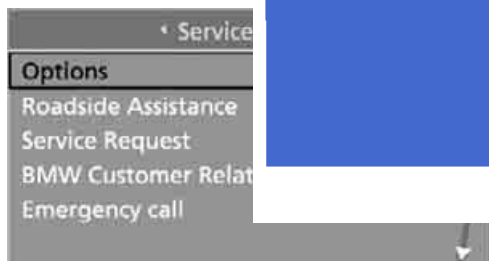
Blocking services*

If you block the services, the connection to BMW Assist is deactivated.

1. Press the **MENU** button.
This opens the start menu.
2. Press the controller to open the **i** menu.
3. Turn the controller until "Settings" is selected and press the controller.
4. Turn the controller until "BMW Service settings" is selected and press the controller.



5. Change to upper field controller until "Service" is selected and press the controller.
6. Select "Options" and press the controller.



7. Select "Terminate services" and press the controller.

The use of BMW Assist is blocked, and the current vehicle position will not be transmitted during an emergency call*. To cancel blocking and reactivate BMW Assist, see below. This does not affect the contractual agreements.

Reactivate BMW Assist if necessary to log on again.

Activating BMW Assist

For you to be able to use the services of BMW Assist, BMW Assist must be activated.

Requirements

- ▷ Make sure that the vehicle can determine its current position. Reception is best when you have an unobstructed view to the sky.
- ▷ Leave radio readiness switched on while connecting to the system.

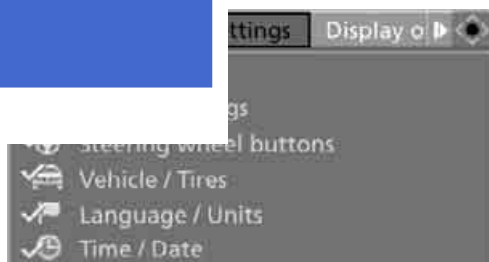
Activating

1. Press the **MENU** button.
This opens the start menu.



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

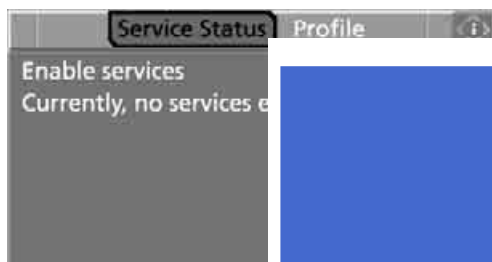
Turn the controller until "Settings" is selected and press the controller.



- Turn the controller until "BMW Service settings" is selected and press the controller.



- Change to upper field if necessary. Turn the controller until "Service Status" is selected and press the controller.



- Select "Enable service" and press the controller. BMW Assist is activated and data exchange with the BMW Center begins.

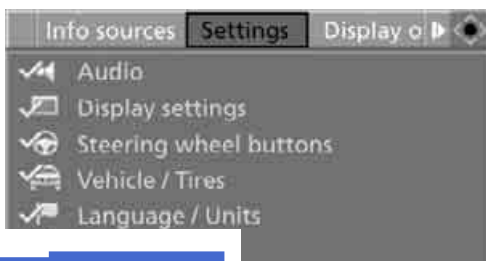


Activation takes a few minutes. The status is displayed on the Control Display. If you open another menu, the activation process continues to run in the background.

Displaying vehicle data

When BMW Assist is activated, the license plate and the vehicle identification number of your vehicle can be displayed.

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



Select "Settings" and press



Select "Settings" and press the controller. If necessary, turn the controller until "Service Status" is selected and press the controller.







Mobility

This section helps you maintain your vehicle by providing important information including fuels and lubricants, tires, service, maintenance and breakdown assistance.

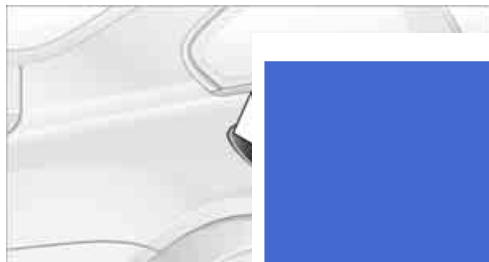


Refueling

 Switch off the engine before refueling, otherwise no fuel can be filled into the tank and a message is displayed. ◀

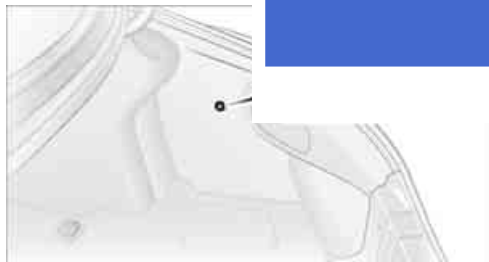
 When handling fuel, always observe all applicable precautionary measures and regulations. Never transport reserve fuel containers in the vehicle. They can leak and cause an explosion or a fire in an accident. ◀

Fuel filler door



To open and close: briefly press the fuel filler door.


Unlocking manually



In the event of an electrical malfunction, you can release the fuel filler door manually:

In the luggage compartment, pull the knob with the gas pump symbol on the right side panel.

Observe the following when refueling


 When handling fuels always follow any safety guidelines posted at the gas station. ◀



Insert the nozzle in the bracket attached to the filler pipe.

Do not touch the filler nozzle while refueling. Avoid raising the filler nozzle. Otherwise this can lead to a premature pump shutoff and reduce efficiency in the fuel system. When the filler nozzle clicks, it is time to stop refueling.


The fuel tank capacity is approximately 60 liters, including the reserve tank (approx. 2.6 US gal/10 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 filler cap

Closing

Insert the cap and turn it clockwise until there is a clearly audible click.

 Do not jam the strap attached to the fuel filler cap between the fuel filler cap and the vehicle. A message* is displayed if the cap is loose or missing. ◀

Fuel specifications

 Never use leaded gasoline; it will permanently damage the catalytic converter. Do not use E85, i.e. fuel that consists of 85 % ethanol, or Flex Fuel. Otherwise permanent damage to the engine and the fuel supply system will result. ◀


Required fuel

Super Premium Gasoline/AKI 91

This gasoline is highly recommended.


However, you may also use gasoline with less AKI. The minimum AKI rating is 87.

If you use gasoline with this minimum AKI rating, the engine may produce a knocking sound when starting at high outside temperatures. This has no effect on the engine's performance.

 Do not use gasoline with a lower minimum quality, otherwise engine damage can result. ◀

Use high-quality brand

Field experience has demonstrated differences in fuel quality: octane rating, additives, etc., among brands sold in the United States. Some brands contain up to and including 15% MTBE (methyl tertiary butyl ether) or other oxygenates with up to 15% MTBE plus an equivalent amount of ethanol. This does not void the applicable warranties with respect to defects in materials or workmanship.

 The use of poor-quality fuels may result in drivability problems relating to drivability and starting, and to a tendency to stall, especially under certain environmental conditions such as high ambient temperature and high altitude. Should you encounter drivability problems which you suspect could be related to the fuel you are using, we recommend that you respond by switching to a recognized high-quality brand such as gasoline that is advertised as Top Tier Detergent Gasoline. Failure to comply with these recommendations may also result in unscheduled maintenance. ◀

Wheels and tires

Tire inflation pressure

Information for your safety

The condition of the tires and the maintenance of the specified tire pressure are crucial not only to the tire's service life, but also to driving comfort and most importantly, driving safety.

Checking pressure

Only check tire inflation pressure when the tires are cold. This means after a maximum of 1.25 miles/2 km driving or when the vehicle has been parked for at least 3 hours. If the tires are warm, the tire inflation pressure will be higher than the recommended value.



Check the tire inflation pressure regularly and correct it as needed. At least once a month and before starting a long journey, driving instability can occur, which can lead to accidents, can damage the tires and can affect the tire inflation pressures. ◀



After correcting the tire inflation pressure, reinitialize the Flat Protection System (FWS) on page 90, or reset the Tire Pressure Monitoring System (TPMS) on page 92. ◀

Pressure specifications

The tables below provide the recommended tire inflation pressures for the specified tire sizes and temperatures.



The inflation pressures apply to the tire sizes and tire brands respectively approved and recommended by BMW; a list of these is available from your BMW center. ◀

For correct identification of the right tire inflation pressure for your tires, observe the following:

- ▶ Tire sizes for your vehicle
- ▶ Load conditions
- ▶ Maximum allowable driving speed

Tire inflation pressures for driving up to 100 mph/160 km/h

For normal driving up to 100 mph/160 km/h, adjust pressures to the respective tire inflation pressures listed on the following pages in the column for traveling speeds up to a max. of 100 mph/160 km/h to achieve optimum driving comfort.

These pressure specifications can be found on the door post when you open the driver's door.



▶ top speed for these tire pressures is 100 mph/160 km/h. Exceeding this speed may result in tire damage and accidents. ◀



Tire inflation pressures for driving up to 100 mph/160 km/h

For normal driving at maximum speeds in the column for 100 mph/160 km/h, please



note the tire pressures for speeds exceeding 100 mph/160 km/h listed in the relevant column of the table on the following pages and adjust your tire inflation pressures as needed. Otherwise, tire damage and accidents could occur. ◀

Observe all national and local maximum speed limits, otherwise violations of the law could occur.

Tire inflation pressures for 650i Coupe

Tire size	Pressure specifications in psi/kPa					
	Traveling speeds up to max. of 100 mph/160 km/h			Traveling speeds including those exceeding 100 mph/160 km/h		
All pressure specifications in the table are indicated in psi/kilopascal with cold tires. Cold = ambient temperature						
	245/45 R 18 96 V M+S	32/220	33/230	32/220	33/230	33/230 39/270
	245/50 R 17 99 H M+S	32/220	33/230	32/220	33/230	33/230 39/270
	Front: 245/45 R 18 96 W Rear: 275/40 R 18 99 W	32/220	33/230	32/220	33/230	33/230 39/270
	Front: 245/40 R 19 94 W Rear: 275/35 R 19 96 W	32/220	33/230	32/220	33/230	33/230 39/270
Front: 245/35 R 20 91 W Rear: 275/30 R 20 93 Y				32/220	33/230	33/230 39/270
More details on the permissible load and weights can be found on page 226.				32/220	33/230	33/230 39/270

Tire inflation pressures

Tire size	Pressure specifications in psi/kPa					
All pressure specifications in the table are indicated in psi/kilopascal with cold tires. Cold = ambient temperature	Traveling speeds up to max. of 100 mph/160 km/h			Traveling speeds including those exceeding 100 mph/160 km/h		
						
	245/45 R 18 96 V M+S	32/220	38/260	32/220	38/260	39/270 46/320
	245/50 R 17 99 H M+S	32/220	38/260	32/220	38/260	39/270 46/320
	Front: 245/45 R 18 96 W Rear: 275/40 R 18 99 W	32/220	38/260	32/220	38/260	39/270 46/320
Front: 245/40 R 19 94 W Rear: 275/35 R 19 96 W	32/220	38/260	32/220	38/260	39/270	46/320
Front: 245/35 R 20 91 W Rear: 275/30 R 20 93 Y	32/220	39/270	32/220	38/260	39/270	46/320
More details on the permissible load and weights can be found on page 226.				32/220	38/260	39/270 46/320

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. 245/45 R 18 96 W

Nominal width in mm ————
 Aspect ratio in % ————
 Belted construction – radial ————
 Rim diameter in inches ————
 Carrying capacity ID-code ————
 (not in ZR tires)
 Speed code letter ————
 (in ZR tires before the R)

Speed letter

T = up to 118 mph/190 km/h
 H = up to 131 mph/210 km/h
 V = up to 150 mph/240 km/h
 W = up to 167 mph/270 km/h
 Y = up to 186 mph/300 km/h

Tire Identification Number

Tires with DOT codes are marked by the US Department of Transportation. The DOT code:

e.g. DOT XJ-1234

Manufacturer code
 for tire make ————
 Tire size and tire design ————
 Tire age ————

Tire age

The tire's date of manufacture is indicated on the sidewall:
 DOT ... 3406 indicates that a tire was manufactured in week 34 of the year 2006.
 BMW recommends replacing all tires at least every 6 years, even if some tires may last for 10 years.

Uniform Tire Quality Grading

Quality grades can be found where applicable on the tire sidewall between tread shoulder and maximum section width. For example:

Tread wear 200 Traction AA
 Temperature A

DOT Quality Grades

Tread wear
 Traction AA A B C
 Temperature A B C



All passenger car tires must conform to Federal Safety Requirements in addition to these grades. ◀

Tread wear

is a comparative rating of the tire when tested under conditions on a specified government

test. A tire graded 150 would wear one and a half times as well as the government-graded 100. The relative difference depends upon the actual test, however, and may vary from the norm due to various service practices and different characteristics and climate.

From highest to lowest, are

These grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.



The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics. ◀

Temperature

The temperature grades are A, the highest, B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.



The temperature grade is established for a tire inflated and not overloaded underinflation, or excessively or in combination, buildup and possible tire failure.

RSC – run-flat tires

You will recognize run-flat tire symbol containing the letter RSC. For more information, refer to page 2.

M+S

Winter and all-season tires. These have better winter performance.

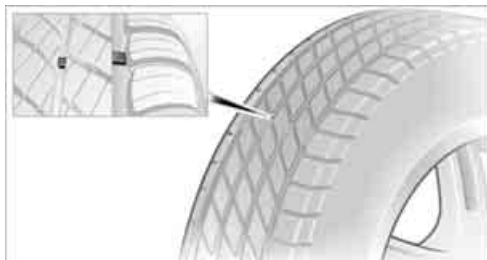
Tire condition

Inspect your tires frequently for tread wear, signs of damage and foreign objects lodged in the tread, and check the tread depth.

Minimum tread depth

The tread depth should not drop below 0.12 in/3 mm, although, for example, European legislation only specifies a minimum tread depth of 0.063 in/1.6 mm. At tread depths below 0.12 in/3 mm, there is an increased risk of high-speed hydroplaning, even when only small amounts of water are present on the road surface.

Winter tires noticeably lose their suitability for winter use below a tread depth of 0.16 in/4 mm. New tires should be mounted in the interest of safety.



Wear indicators at the tread-groove base, referred to as arrows, are distributed over the tire's circumference and are marked on the side of the tire. If the tire tread reaches the wear indicators, a tread depth of 1.6 mm has been reached.

Run-flat tires cause wheels, parts to be more susceptible to consequential damage.

Run-flat tires can indicate tire failure or puncture. This can, for example, occur during normal driving over curbs. These can also be signaled by other symptoms, such as a strong

tendency to pull to the left or right.



In these cases reduce your speed immediately and have the wheels and tires inspected immediately. To do this, carefully drive to the nearest BMW center or a specialized tire dealer that works in accordance with BMW guidelines and uses appropriately trained personnel. Have the vehicle towed to the repair shop if necessary. Tire damage can be extremely dangerous to vehicle occupants and other road users. ◀

Run-flat tires



You will recognize run-flat tires by the circular symbol containing the letters RSC on the side of the tire.

Run-flat tires consist of self-contained tires and special rims. The sidewall reinforcement ensures that the tire retains safety in the event of a puncture. It remains possible to drive a short distance.

To continue driving with

- ▶ With Flat Tire Monitoring, see page 90
- ▶ With Tire Pressure Monitoring, see page 92

New wheels and tires



Only have new wheels and tires fitted by a BMW center. The work must be performed in accordance with the instructions. If the work is performed inappropriately, there is a danger of damage and associated safety risks. Make sure that the new wheels are balanced. ◀

Retreaded tires



BMW does not recommend the use of retreaded tires; otherwise, driving safety may be reduced. Potentially substantial variations in the design and the age of the carcasses can result in a reduced service life. ◀

The right wheels and tires



BMW recommends that you use only wheel and tire combinations that BMW

has tested and approved for your particular vehicle. Variations in factors such as manufacturing tolerances mean that even wheels and tires with identical official size ratings could actually have different dimensions than the approved units – these differences could lead to body contact, and with it the risk of severe accidents. If non-approved wheels and tires are used, BMW cannot evaluate their suitability, and therefore cannot be held liable for driving safety. ◀

You can find out the right wheel-tire combination from your BMW center.

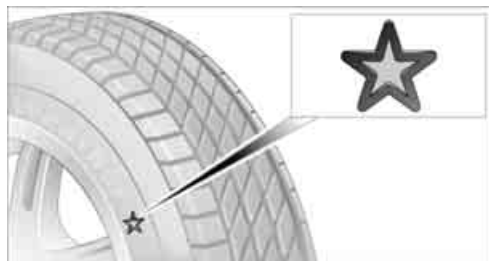
The right wheel-and-tire combination is another vital factor in ensuring reliable operation of various vehicle systems such as ABS

and vehicle stability control. If you change the tread configuration, you must have the original tread remounted on the wheels.

Electronics for the Monitor

If you convert from standard tires to run-flat tires or vice versa, only use the correct electronics, otherwise the system cannot detect a flat tire. Your BMW center will be able to advise you on this subject.

Recommended tire brands



BMW recommends particular tire brands for each tire size. You can recognize these from the clearly visible BMW marking on the tire sidewall.

With proper use, these tires meet the highest standards for safety and handling characteristics.

Run-flat tires

When installing new tires or when changing from summer tires to winter tires, for your own safety, use run-flat tires. No spare wheel is provided in the event of a flat. Your BMW center will be glad to advise you.



For safety reasons, BMW recommends that you do not have damaged run-flat tires repaired; they should be replaced. ◀

Special characteristics of winter tires

BMW recommends winter tires for use in cold winter driving conditions.

M+S tires provide better traction than summer tires, they generate the same levels of cold-weather noise as summer tires.

Watch speed



Always observe the recommended maximum speed for the winter tires. Exceeding this speed may cause tire damage and accidents. ◀

Storage

Store wheels and tires in a dry, cool place with as little exposure to light as possible. Do not protect tires against all conditions. Do not use oil and fuels. Do not exceed the maximum tire inflation pressure indicated on the side wall of the tire.

Rotating wheels between axles

BMW does not recommend moving the front wheels to the rear or vice versa, as otherwise the handling characteristics may be impaired.

Snow chains*

BMW only tests certain fine-link snow chains, classifies them as road-safe and recommends them. Consult your BMW center for more information.

These snow chains are approved exclusively for use in pairs on the rear wheels with the tire size:

- ▷ 245/50 R 17 Y
- ▷ 245/45 R 18 Y

Observe the manufacturer's instructions when mounting snow chains. Do not exceed a speed of 30 mph/50 km/h with the chains mounted.



Do not initialize the Flat Tire Monitor after installing snow chains as this could cause the Flat Tire Monitor to malfunction.

If you use snow chains, it may be practical to use a tire pressure monitoring system (TPMS), refer to page 88. ◀

Under the hood

! Never attempt to perform any service or repair operations on your vehicle without the required professional technical training. If you are unfamiliar with the specifications to be observed, only have work carried out on your vehicle by a BMW center or a repair shop that works in accordance with BMW guidelines and uses appropriately trained personnel. Otherwise, there is a danger of damage and associated safety risks if this work is performed improperly. ◀

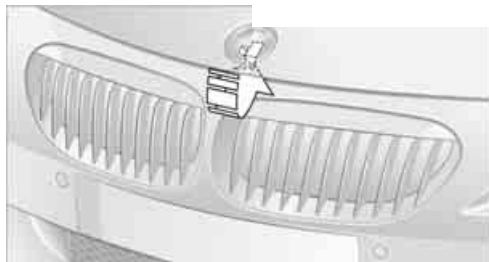
Hood

Releasing



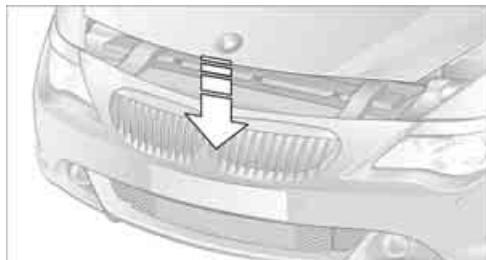
Pull lever.

Opening



Press the release handle and open the hood.

Closing

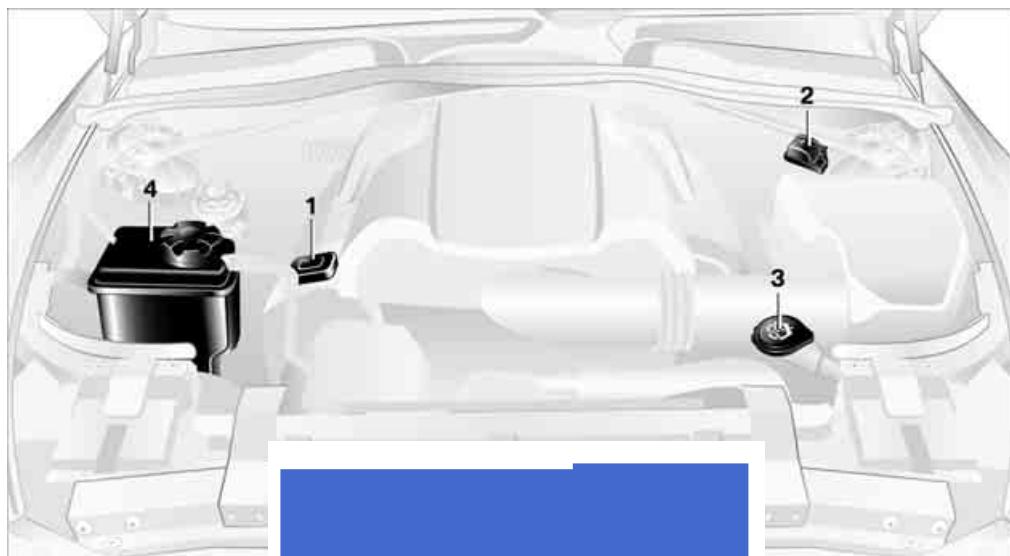


Close the hood from a height of approx. 16 in/ 40 cm with momentum. It must be clearly heard to confirm.

the closing path of the
:herwise, injuries may

that the hood is not com-
u are driving your vehicle,
ce and close it securely. ◀

Engine compartment



- 1 Filler neck for engine oil
- 2 Jump-starting terminal

er fluid of the headlamp
ning systems, refer to

coolant, refer to

Engine oil

Engine oil consumption depends on driving style and driving conditions.

Checking engine oil level

Your vehicle is equipped with an electronic oil level check.

The condition for the most accurate indication of the oil level possible is measurement with the engine at operating temperature, i.e. following an uninterrupted drive of at least 6 miles/10 km. You can display the oil level on the Control Display while driving or when stopped on a level surface with the engine running.

iDrive, for explanation of principle, refer to page 16.

utton.
t menu.

2. Press the controller to open the **i** menu.
3. Turn the controller until "Info sources" is selected and press the controller.



4. Turn the controller until "Service" is selected and press the controller.

5. Change to upper field if necessary. Turn the controller until "Service requirements" is selected and press the controller.



6. Change to the second field from the top if necessary. Turn the controller until "Engine oil level" is selected and press the controller. The oil level is displayed.

Possible messages

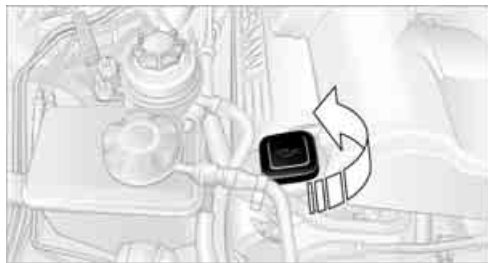
- ▷ "Engine oil level O.K."
- ▷ "No measurement a engine oil level mea: Engine oil level is be process can take ap stopped on a level s 5 minutes while driv
- ▷ "Oil level at the mini of engine oil.": Add 1 US quart/liter opportunity.
- ▷ "Engine oil level too



Have the vehi ately; otherwise, engine damage may result if too much oil has been added. ◀

- ▷ "Please observe recalculated service interval for engine oil": Do not add engine oil. Continued driving is possible. To do this, observe the recalculated remaining mileage until the next oil change service, refer to page 210. Have the system checked as soon as possible.

Adding engine oil



Do not add 1 US quart/1 liter of 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. ◀

losure to used oil has n laboratory testing. ighly wash exposed areas water after such work. out of reach of children s on containers. Failure to lth risks. ◀

ied out only by a BMW) that works in accordance and uses appropriately

oils

the quality of the engine oil selected has critical significance for the operation and service life of an engine. BMW continuously approves specific oils after confirming their suitability for use in its vehicles with extensive testing.

Use only approved BMW High Performance Synthetic Oil.

If BMW High Performance Synthetic Oil is unavailable, you can add small quantities of other synthetic oils between oil changes. Use only oils of the specification API SH or higher.



Your BMW center will be happy to answer detailed questions on BMW High Performance Synthetic Oil or approved synthetic oils. ◀

You can also call BMW of North America at 1-800-831-1117 or visit the website at www.bmwusa.com to obtain this information.



Do not use oil additives; under some circumstances, they can damage your engine. ◀

Viscosity grades

The viscosity is a measure of the thickness of the oil and is specified in SAE grades.

The choice of the right SAE grade is based on the climatic conditions in the region in which you normally drive your BMW.



Approved oils belong to the SAE grades 5W-40 and 5W-30. ◀

These oils can be used for temperatures.

BMW recommends

Coolant



Do not open the hood if the engine is hot. Escap

Coolant consists of water. Not all commercially available for your BMW. Ask your dealer for suitable additives.



Only use suitable accessories.
engine damage may
ent a health hazard. ◀



Always observe all applicable environmental laws and regulations when disposing of used coolant additives. ◀

Checking coolant level

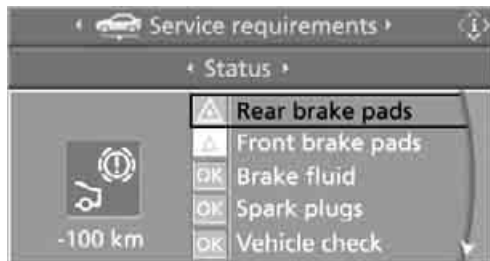


1. Allow the engine to cool.
2. Turn the cap of the expansion tank counter-clockwise to allow any accumulated pressure to escape, then continue turning to open.

correct when it lies
nd MAX mark, also refer
to the filler neck.
slowly add coolant up to
- do not overfill.
: clicks.
r the coolant loss elimi-
ossible.

Maintenance

BMW Maintenance System



The BMW Maintenance System supports the preservation of the traffic and operating safety of your BMW. The service includes operations relating to comfort and convenience, such as the replacement of the filter. The ultimate objective is to ensure maintenance by providing information about your vehicle.

Should the day come when you service your BMW, you will find that the service history is an asset.

CBS Condition Base

Sensors and special algorithms take into account different driving conditions of your vehicle. Condition Base determines the current maintenance requirements. By letting you define a service and maintenance regimen that reflects your own individual requirements, the system builds the basis for trouble-free driving.

You can set the Control Display to show remaining distances and times of selected maintenance intervals and legally mandated deadlines, refer to page 78:

- ▷ Engine oil
- ▷ Brake pads, front and rear separately
- ▷ Microfilter/activated-charcoal filter
- ▷ Brake fluid
- ▷ Spark plugs

- ▷ Vehicle check
- ▷ Legally required tests depending on local regulations

Service data in remote control

Your vehicle stores the information required for maintenance continuously in the remote control during driving. After accessing the data stored in the remote control, your BMW Service Advisor can suggest precisely the right array of service procedures for your own individual vehicle. For this reason, when you take your vehicle in for service, you should give the BMW Service Advisor the remote control last used to drive it.

If the date is set correctly, refer to the Service Advisor to ensure the effectiveness of the service. If the date is not set correctly, the Service is not effective.

Service and Warranty Information Booklet

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.

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.

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 OBD Onboard Diagnostics interface



Components which are decisive for the exhaust-gas composition can be checked via the OBD socket with a device.

This socket is located under a cover on the left side of the driver's footwell instrument panel.

Exhaust-gas values



The warning lamp for exhaust-gas values. Have the vehicle checked as soon as possible.



Display of the pre-malfunction on Check Engine.

The lamp flashes under certain conditions. This is a sign of excessive misfires. In this case, you should reduce engine speed and drive to the nearest BMW center as soon as possible. Heavy engine misfiring can damage the emission-relevant components, especially the catalytic converter, within a short time.



If the fuel filler cap is not properly tightened, the OBD system can detect the escape of fuel vapor. This causes a display to light up. If the cap is then tightened, the display should go out within a few days. ◀

Event data recorders

Your vehicle may be equipped with one or several measuring and diagnosis modules, or with a device for recording or transmitting certain vehicle data or information. If you have also subscribed to a BMW Assist plan, then certain vehicle data can be transmitted or recorded to enable corresponding services.

Care

Important information on care and maintenance of your BMW is contained in the Caring for your vehicle brochure.

Replacing components

Onboard tool kit



The onboard tool kit is located in the luggage compartment under the floor mat

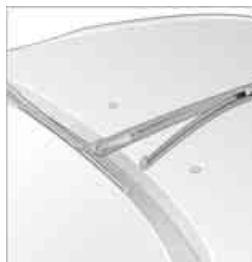
amounts of contamination will burn into the bulb's surface and reduce its service life. Use a clean cloth, napkin, etc., or hold the bulb by its metal socket. ◀

A selection of replacement bulbs is available at your BMW center.



Whenever you perform any work on the electrical system, turn off the electrical devices involved to prevent short circuits from occurring. To avoid possible injury or equipment damage when replacing bulbs, follow any instructions provided by the bulb manufacturer. ◀

Replacing wiper



1. Fold the wiper arm c
2. Press the locking tal
ing the wiper blade t
engage it.
3. Insert the new wiper blade and slide it in
until it audibly clicks into place.

ntenance on the head-
uctions in the separate
e brochure.

rich changing is not
or checking and adjusting
contact your BMW cen-

ides LEDs

installed behind translu-
re light source for many of
ays in your vehicle. These
which operate using a
t applied in conventional
esignated as Class 1 light-



Do not remove the covers, and never
stare into the unfiltered light for several
hours, as irritation of the retina could result. ◀

Lamps and bulbs


Lamps and bulbs make an essential contribu-
tion to driving safety. You must be duly diligent
in replacing them. If you are not familiar with the
specified procedures, have the corresponding
work carried out at your BMW center.



Never touch the glass on new bulbs with
your bare fingers, as even minute

Xenon lamps

The service life of these lamps is very long and
the probability of a failure is very low, provided
that they are not switched on and off an unusual
number of times. If one of these bulbs should
nevertheless fail, it is possible to continue driv-
ing with great caution using the fog lamps, pro-
vided traffic laws in your area do 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 voltage involved, there is a danger to life and limb when work is carried out improperly. ◀

High beams, parking lamps




The illustration shows the engine compartment.

High beams


55-watt bulb, H 7

1. Remove the cover cap and removing the cover.
2. Press the bulb holder out.
3. Remove the bulb holder.
4. Remove and replace the bulb.

 The lamp H7 is protected by a protective cap. If the protective cap is removed, there is a danger of injuries if the bulb is accidentally damaged during replacement. ◀

Parking lamps

10-watt bulb

 Bulb holder and reflector are one unit and are replaced together. ◀

1. Turn the bulb holder **2** to the right and remove.
2. Press the snap connection on the plug connector, pull off the bulb holder and replace.

Front turn signals, side marker lamps

Your BMW is equipped with two turn signal lamps per side in the front.

Turn signal lamp 1

21-watt bulb, WY21SV

The illustration shows the front right side of the engine compartment.

1. Press the lever shown:
 - ▷ downward for the right turn signal
 - ▷ upward for the left turn signal



older towards the rear.
e the bulb.

gnal lamp 2 can be
well.

the front left side of the

- ... Turn the steering all the way to be able to remove the cover, refer to illustration.
2. Turn off the light, switch off the ignition and remove the remote control from the ignition lock.
3. Unscrew the two bolts with an open-ended wrench.

4. Turn the bulb holder to the left and remove, refer to arrow.



5. Remove and replace the bulb.

Side marker lamps

5-watt bulb, WY5WST

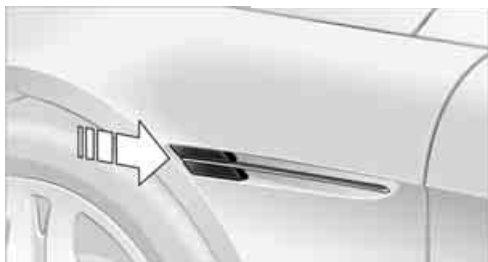
The bulb can be replaced in the wheel well, refer to turn signal lamp 2.

1. The bulb holder of the turn signal lamp is located toward the center next to the bulb holder.
2. Turn the bulb holder to the left and remove.
3. Remove and replace the bulb.

Side turn signals

5-watt bulb, WY5W

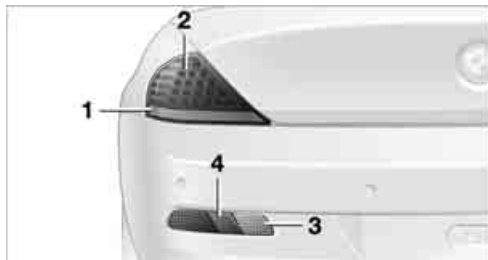
1. Press against the front of the bulb holder with the tip of your finger, release the spring, release the spring from the front and take it off the bulb holder.



2. Turn the bulb holder to the left by 90° and remove.
3. Remove and replace the bulb.

Tail lamps

The roadside parking, rear and brake lamps are LEDs. The backup lamps are equipped with long-life bulbs. Please contact a BMW center in case of a malfunction.



- 1 Turn signals

, tail and brake lamp



The illustration shows the left section of the luggage compartment.

1. Remove the cover.
2. Unclip the bulb holder and remove.
3. Apply gentle pressure to the bulb while turning it to the left for removal and replacement.

License plate lamps



5-watt bulb, W5W

1. Push a screwdriver from the left under the lamp and pry out the lamp toward the right.
2. Turn the bulb holder to the left by 90° and remove.
3. Remove and replace t

Changing wheel

Your BMW is equipped with a standard feature. An immobilizer is required in the event of a flat tire is required.

To continue driving with a

- ▶ With Flat Tire Monitor for a flat tire, page 90
- ▶ With Tire Pressure Monitoring system with low tire inflation, page 92

You will recognize run-flat tire symbol containing the letters RSC on the side of the tire, refer to Run-flat tires on page 204.

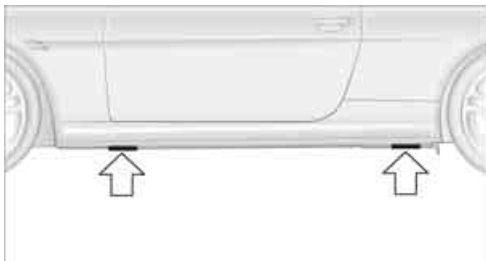
If you have new tires mounted or switch from summer to winter tires, or vice versa, use run-flat tires because no spare tire is provided in case of a flat. Your BMW center will be glad to advise you.

Also refer to New wheels and tires, page 204.



The suitable tools for changing tires are available as accessories from your BMW center. ◀

Car jacking points



The jacking points for the car jack are located in the positions shown.

Vehicle battery

aintenance-free, i.e., the life of the battery is rated in a temperate climate.

We are glad to advise in all cases about the battery.

Check the battery in the vehicle via the battery compartment with the correct connections, refer to page 218.

When disposing of old batteries, have old batteries disposed of by your BMW center or deposit them at a recycling center. Maintain the battery in an upright position for transport and storage. Always secure the battery to prevent it from tipping over during transport. ◀


Power failure

Following a temporary interruption of the power supply, the operation of some equipment is limited and must be reinitialized. Individual settings are also lost and must be updated:

- ▶ Seat, mirror and steering wheel memory
The position must be stored again, refer to page 50.

- ▷ Time and Date
The values must be updated, refer to page 83.
- ▷ Radio
Stations must be stored again if necessary, refer to page 158.
- ▷ Navigation system
Wait until the system starts, refer to page 126.

Fuses

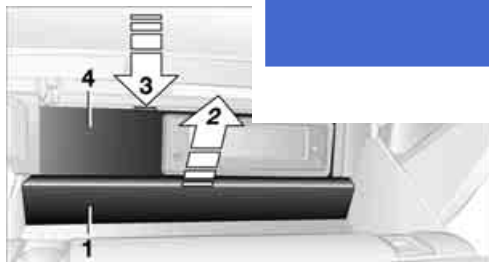
 Never attempt to repair a blown fuse, and do not replace a defective fuse with a substitute of another color or amperage rating, as this could lead to overloading of the wiring, ultimately resulting in a fire.

Spare fuses and a pair of pliers are located in the compartment kit, refer to page 212.

Information on fuse allocation is provided on the bracket for the onboard tool kit.

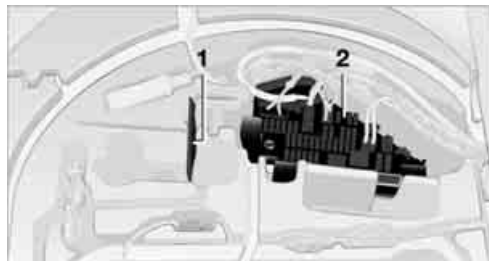
In glove compartment

1. Press the button on the partition 1 and pull out the partition 2.



2. Press the coupling downward, arrow 3, and fold the lid 4 forward.

In luggage compartment



Fold the cover under the floor mat upward and remove the bracket for the onboard tool kit. Information on fuse allocation 1 and additional fuses 2 are provided there.

Giving and receiving assistance

Emergency call

Conditions for an emergency call:

- ▶ Full preparation package mobile phone. With this equipment, an emergency call is still possible when no mobile phone is paired in the vehicle.
- ▶ BMW Assist is activated. Activating BMW Assist, refer to page 194.
- ▶ Radio readiness is activated.
- ▶ The BMW Assist system is logged on to a mobile phone network.
- ▶ The emergency call s

Once your service contract expires, the BMW Assist is activated by a BMW center when you visit a workshop. Following the BMW Assist system, no emergency call can be made. The BMW Assist is activated after concluding a service at a BMW center.

Initiating an emergency call

1. Briefly press protective button. With some vehicle equipment in the Convertible, the protective button and indicator light are somewhat.



2. Press the button for at least 2 seconds. The LED in the button lights up. As soon as the voice connection to the BMW Assist Response Center has been established, the LED flashes.

When the emergency call is received at the BMW Assist Response Center, the BMW Assist Response Center contacts you and arranges for additional steps to help you.

If conditions allow, remain in the vehicle until the connection has been established. You will then be able to provide a detailed description of the situation.

If the current position of your vehicle can be determined, it will be transmitted to the BMW Assist Response Center.

If the LED is flashing but the BMW Assist Response Center cannot be heard over the radio, it is possible that the radio is malfunctioning. You may also contact the BMW Assist Response Center.

If the LED is flashing, an emergency call is initiated immediately after a protective button being pressed.

In some situations, the emergency call is initiated under the most favorable conditions.

For other services of the BMW Assist system, refer to the BMW Assist system.

Warning triangle*



The warning triangle is located on the left-hand side in the luggage compartment.

First-aid kit*

The first-aid kit is located in the filler element of the rear seat backrest.

1. Press the button downward and pull the filler element forward.



2. Take out first-aid kit



! To refit the filler element, push the bottom tabs into the filler element back into place. You do not damage the filler element.

Some of the articles contained in the first-aid kit have a limited service life. Check the expiration dates of each of the items regularly and replace any whose expiration dates have passed.

Roadside Assistance*

The Roadside Assistance of the BMW Group offers you assistance in the event of a breakdown around the clock, including on weekends and public holidays.

The phone numbers of the Roadside Assistance in your home country can be found in the BMW Contact directory.

With BMW Assist you can contact the Roadside Assistance of the BMW Group for assistance in the event of a breakdown directly via iDrive, refer to page 190.

Jump starting

When your battery is discharged, you can use two jumper cables to start your BMW with power from the battery in a second vehicle. You can also use the same method to help start another vehicle. Use only jumper cables with fully-insulated clamp handles.

! To avoid the risk of potentially fatal injury, always avoid all contact with electrical components while the engine is running. Carefully follow the sequence, both to the other vehicle or both vehicles, and to avoid personal injuries. ◀

Use the battery of the other vehicle with a voltage of 12 Volts and the same capacitance in Ah. The Ah can be found on the battery label.

Connect the positive terminal of the vehicle providing power to the positive terminal of the vehicle to be started.

Connect the negative terminal of the vehicle providing power to the negative terminal of the vehicle to be started.

Avoid any contact between the positive and negative terminals of the two vehicles; otherwise, there is a danger of short circuiting. ◀

Connecting jumper cables

! To avoid personal injury from sparks, follow this sequence when connecting jumper cables. ◀

In your BMW, the so-called jump-starting terminal for jump starting in the engine compartment serves as a positive terminal for the battery, also refer to engine compartment overview on page 207. The cover cap is marked with a +.

1. Fold open the cover of the BMW jump-starting terminal. To do so, pull the tab.



2. Attach one end of the jumper cable plus/+ to the positive terminal of the battery or a jump-starting terminal of the vehicle providing assistance.
3. Attach the second end of the cable to the positive terminal of the starting terminal of the
4. Attach one end of the to the negative terminal an engine or body ground providing assistance. Your BMW has a spec or negative terminal.



5. Attach the second end of the cable to the negative terminal of the battery or to the engine or body ground of the vehicle to be started.

Starting engine

1. Start the engine on the assisting vehicle and allow it to run at idle for several minutes at slightly increased speed.
2. Start the engine on the other vehicle in the usual way. If the first starting attempt is not successful,

wait a few minutes before another attempt in order to allow the discharged battery to recharge.

3. Let the engines run for a few minutes.
4. Disconnect the jumper cables by reversing the connection sequence.

Check the battery and recharge if necessary.

⚠ Never use spray fluids to start the engine. ◀

Tow-starting and towing

⚠ Observe applicable laws and regulations for tow-starting and towing. ◀

⚠ Do not transport any passengers other a vehicle that is being



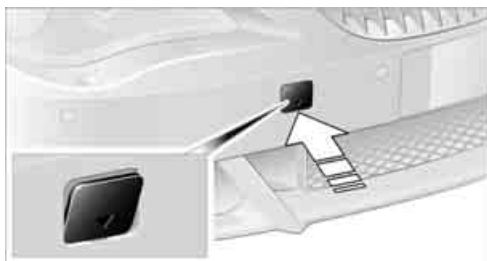
g is stored in the tool kit of the luggage compartment, refer to page 212, and the vehicle. It can be or rear of the BMW.

fitting that comes with crew it in as far as possible for towing only on roads. the tow fitting, e.g. do e tow fitting. Otherwise, cle can be damaged. ◀

Access to screw thread

Press the arrow symbol on the cover in the bumper.

Front



Rear



Being towed

⚠ Make sure that the ignition is switched on, refer to page 59; otherwise, the low-beam headlamps, tail lights, turn signals and wind-shield wipers would not be available. Do not tow the vehicle with the rear wheel steering can turn. When the engine is stopped, assist. This then requires braking and steering. Activated and larger steering required. ◀

Switch on the hazard warning on the local regulations. If the warning system fails, mark the vehicle with a sign or warning triangle.

Manual transmission

Gearshift lever in neutral

Automatic transmission

Selector lever in position N.

Changing selector lever position, refer to Deactivating selector lever interlock page 64.

⚠ Do not exceed a towing speed of 45 mph/70 km/h and a towing distance of 90 miles/150 km; otherwise, the automatic transmission may be damaged. ◀

SMG Sequential Manual Transmission

Engage selector lever position N with the ignition switched on.

Towing methods

⚠ Do not lift vehicle by tow fitting or body and chassis parts; otherwise, damage may result. ◀

In some countries, towing with tow bars or ropes in public traffic is not permitted. Familiarize yourself with the regulations on towing in the respective country.

With tow bar

⚠ The towing vehicle may not be lighter than the vehicle to be towed; otherwise, it will not be possible to reliably control vehicle response. ◀

The tow fittings used should be on the same side on both vehicles. Should it prove impossible

to use the tow bar at an offset angle, follow the following:

1. The towing vehicle's steering capability will be reduced during cornering.

2. At an angle, the tow bar will pull, tending to push the

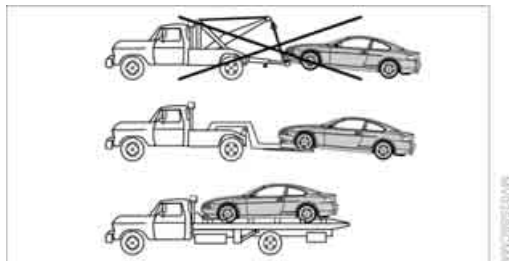
3. Only the tow fittings only, as other vehicle parts can

4. On the towing vehicle, make sure the tow bar is taut.

5. The towing vehicle and the associated

⚠ stresses on vehicle components when towing, always use nylon ropes or nylon straps. Attach tow ropes to the tow fittings only, as attachment to other vehicle parts can lead to damage. ◀

With tow truck



Have the BMW transported with a tow truck with a so-called lift bar or on a flat bed.

Tow-starting

Do not tow-start the vehicle if possible, but instead start the engine by means of jump starting, refer to page 218. With the exception of emergency situations, tow-starting should only be used with the engine cold, and in emergency situations, the engine cannot be started.

1. Switch on the hazard warning lights and comply with country-specific regulations.
2. Switch on the ignition.
3. Shift into 3rd gear. For more information, see below.
4. Tow-start with the clutch pedal depressed and slowly release it. After the engine starts, depress the clutch again.
5. Stop at a suitable location, disconnect the tow bar or rope and switch off the hazard warning flashers.
6. Have the vehicle checked.

SMG Sequential Manual Transmission

1. Tow-start in selector lever position N.
2. Select the sequential mode. The correct gear will be selected and engaged automatically.



Reference

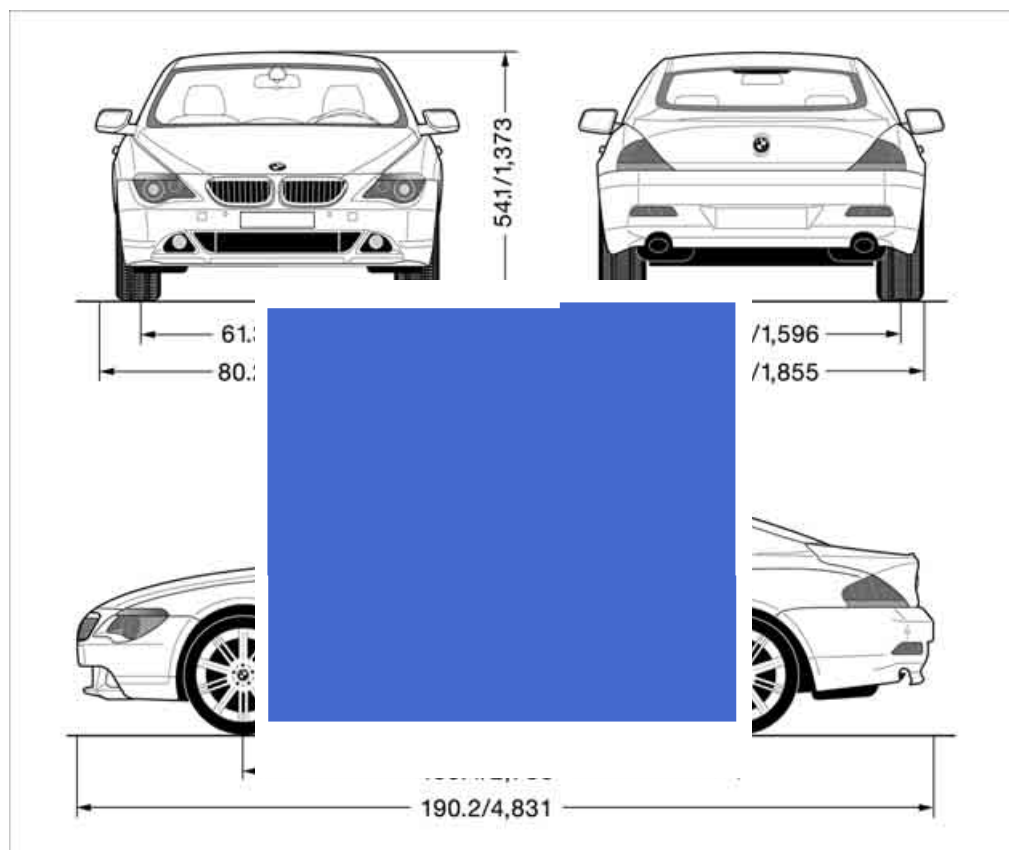
This chapter contains the technical data, commands of the voice command and the index that will direct you as possible to the information you are looking for.



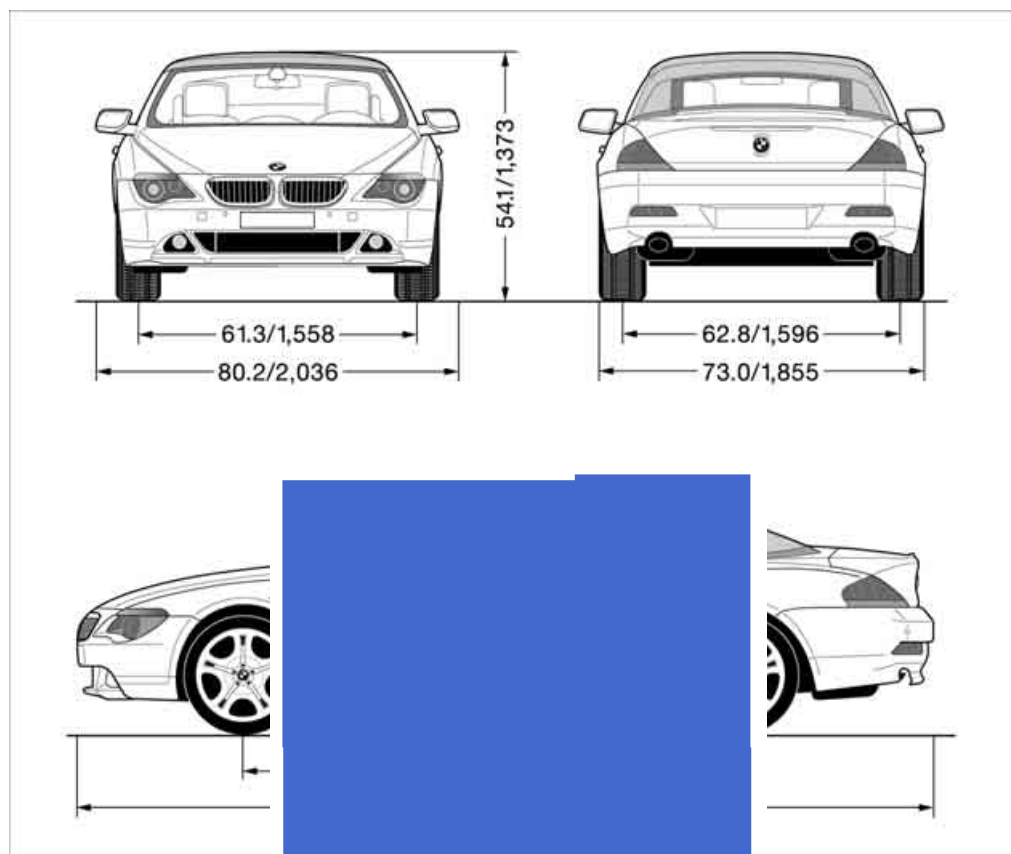
Technical data

Dimensions

Coupe



All dimensions given in inches/mm. Smallest turning circle diam.: 37.4 ft/11.4 m



All dimensions given in in

1.4 m

Weights

		650i Coupe	650i Convertible
Curb weight	lbs./kg	3,814/1,730	4,277/1,940
Approved gross vehicle weight	lbs./kg	4,652/2,110	5,049/2,290
Load	lbs./kg	838/380	772/350
Approved front axle load	lbs./kg	2,337/1,060	2,403/1,090
Approved rear axle load	lbs./kg	2,491/1,130	2,778/1,260
Luggage compartment capacity	cu ft/l	15.9/450	10.6/300
▶ with raised convertible top compartment floor, refer to page 35	cu ft/l	–	12.4/350

Never exceed either the approved axle loads or the gross vehicle weight.

Capacities

Fuel tank
including reserve of:
Window and headlamp wiper system



Notes
▶ specification: page 199
For details: page 67

Short commands of voice command system*

With short commands you can run certain functions directly, regardless of which menu item is

selected. Here are the important short commands for the voice command system.

Assistance window

Function	Command
To open the assistance window 20	›Assistance window‹
To select the display in the assistance window 20	›Assistance window map facing north‹, ›Assistance window map direction of travel‹, ›Assistance window arrow display‹, ›Assistance window perspective‹, ›Assistance window current position‹, ›Assistance window computer‹ or ›Assistance window board info‹
To change scale in assistance window	›Assistance window scale ... feet‹ or ›Assistance window scale ... miles‹

Communication

Function	Command
To activate telephone 18	›Phone‹
To dial phone number 18	›Dial ...‹
To display the phone book	›Phone book‹
To dial from phone book	›Dial from phone book‹
To display "Top 8" 183	›Top 8‹
To redial 183	›Redial‹
To display "Received calls" 183	›Received calls‹
To display "Missed calls" 183	›Missed calls‹
To display "Bluetooth" 175	›Bluetooth‹
To open BMW Assist 189	›BMW Assist‹
To open BMW Service, Services 189	›BMW Service‹
To open "BMW Contact" 183	›BMW Contact‹
To open "BMW Contact Numbers" 191	›BMW Contact numbers‹
To open "Roadside Assistance" 190	›Roadside Assistance‹

Navigation

Function	Command
To open navigation 126	›Navigation‹
To open "Enter address"	›Enter address‹
To open "New destination"	›New destination‹
To display "Input map"	›Input map‹
To display destination list	›Destination list‹
To display the address book	›Address book‹
To display the route criteria	›Route preference‹
To start destination guidance	›Start guidance‹
To end destination guidance	›Stop guidance‹
To display arrow display	›Arrow display‹
To display map view	›Map‹ ›Man facing north‹, el‹ or
To change scale	
To display streets and tr	
To switch on voice instr	
To switch off voice instr	
To repeat voice instruct	fo‹
To open route	
To display current positi	

Onboard info

Function	
To open "Car Data" 77	›Car data‹
To display the computer 77	›Onboard info‹
To display the trip computer 77	›Trip computer‹
To start the stopwatch 83	›Stopwatch‹
To set the speed limit 82	›Limit‹
To activate speed limit 82	›Limit on‹
To deactivate speed limit 82	›Limit off‹

Entertainment

Function	Command
Tone control 153	›Audio‹
To switch on radio 156	›Radio on‹, ›FM‹ or ›AM‹
To open "FM" 156	›FM menu‹
To open "AM" 156	›AM menu‹
To open "All stations" 156	›FM All stations‹
To select the radio station 156	›Station ...‹, e.g. ›Station WNYC‹, or ›Choose station‹
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To select preset radio station 156	›Preset 1‹ or ›Preset 1‹
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To select CD player 165	›CD menu‹
To switch on CD player 165	›CD‹
To select CD changer 165	›CD changer menu‹
To switch on CD changer 165	›CD changer‹
To select a CD in the CD changer 165	›CD 1...6‹
To select music track 166	›CD track ...‹
To select a CD and music track in the CD changer 166	›CD 1...6 track ...‹
To switch on audio playback with external audio device 171	›Audio Aux‹

Climate

Function	Command
To open "Vent settings" 108	›Vent settings‹
To open "Automatic programs" 107	›Automatic programs‹
To open "Parked car ventilation" 110	›Parked car operation‹
To open "Automatic ventilation" 110	›Automatic ventilation‹
To display the activation times 110	›Activation time‹

i menu

Function	Command
To open the i menu	›Settings menu‹
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To open "Info sources"	›Info sources‹
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To open "FTM" 90	›FTM‹
To open "TPM" 92	›TPM‹
To display "Bluetooth" 175	›Bluetooth‹
To activate BMW Night Vision 100	›Night Vision on‹
To deactivate BMW Night Vision 100	›Night Vision off‹
To display settings for BMW Night Vision 100	›Night Vision settings‹



Everything from A to Z

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"..." Identifies Control Display texts used to select individual functions, and indicates where to find them in the text.

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