Owner's Manual for Vehicle

The Ultimate Driving Machine

Contents
A-Z

Online Edition for Part no. 01 41 2 604 213 - 03 10 500

Z4 sDrive30i
Z4 sDrive35i
Z4 sDrive35is

Owner's Manual for Vehicle

Thank you for choosing a BMW.

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

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

Supplementary information can be found in the additional brochures in the onboard literature.

We wish you a safe and enjoyable drive.

BMW AG

Online Edition for Part no. 01 41 2 604 213 - 03 10 500

US English II/10, 03 10 500
Printed on environmentally friendly paper, bleached
without chlorine, suitable for recycling.

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Contents

The fastest way to find information on a particular topic or item is by using the index, refer to page 162.

Notes

Using this Owner's Manual

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

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

Additional sources of information

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

Information on BMW, e.g., on technology, is available on the Internet: bmwusa.com.

Symbols

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

◄ Marks the end of a specific item of information.

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

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

Symbols on vehicle components

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

Your individual vehicle

You have decided in favor of a vehicle with individualized equipment and features.

This Owner's Manual describes the entire array of options and equipment available for a specific model.

As a result, the manual may contain accessories and equipment that you may not have specified for your own vehicle.

All options and special equipment are marked with an asterisk*.

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

On right-hand drive vehicles, some controls are arranged differently than shown in the illustrations.

Status at publication

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

For your own safety

Maintenance and repairs

Advanced technology, e.g., the use of modern materials and high-performance electronics, requires suitable maintenance and repair methods.

Therefore, have this work performed only by a 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 the danger of subsequent damage and related safety hazards.

Parts and accessories

BMW recommends using parts and accessories approved by BMW for this purpose.

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Your BMW center is the right contact for genuine BMW parts and accessories, other products approved by BMW and related qualified advice.

BMW has tested these products for safety and suitability in relation to BMW vehicles.

BMW can assume responsibility for them. However, we cannot assume any responsibility whatsoever for parts and accessories that have not been specifically approved by BMW.

BMW cannot evaluate whether each individual product from another manufacturer can be used with BMW vehicles without presenting a safety hazard. This guarantee is also not applicable when country-specific government approval has been granted. Testing of this kind may fail to embrace the entire range of potential operating conditions to which components might be exposed on BMW vehicles. Such products could conceivably fail to comply with BMW's own stringent quality standards.

Parts and Accessories

For your own safety, use genuine parts and accessories approved by BMW. When you purchase accessories tested and approved by BMW and Genuine BMW Parts, you simultaneously acquire the assurance that they have been thoroughly tested by BMW to ensure optimum performance when installed on your vehicle. BMW warrants these parts to be free from defects in material and workmanship. BMW will not accept any liability for damage resulting from installation of parts and accessories not approved by BMW. BMW cannot test every product made by other manufacturers to verify if it can be used on a BMW safely and without risk to either the vehicle, its operation, or its occupants. Genuine BMW Parts, BMW Accessories and other products approved by BMW, together with professional advice on using these items, are available from all BMW centers. Installation and operation of non-BMW approved accessories such as alarms, radios, amplifiers, radar detectors, wheels, suspension components, brake dust shields, telephones, including operation of any mobile phone from within the vehicle without using an externally mounted antenna, or transceiver equipment, for instance, CBs, walkie-talkies, ham radios or similar accessories, may cause extensive damage to the vehicle, compromise its safety, interfere with the vehicle's electrical system or affect the validity of the BMW Limited Warranty. See your BMW center for additional information. Maintenance, replacement, or repair of the emission control devices and systems may be performed by any automotive repair establishment or individual using any certified automotive part.

California Proposition 65 Warning

California laws require us to state the following warning:

Engine exhaust and a wide variety of automobile components and parts, including components found in the interior furnishings in a vehicle, contain or emit chemicals known to the State of California to cause cancer and birth defects and reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Battery posts, terminals and related accessories contain lead and lead compounds. Wash your hands after handling. Used engine oil contains chemicals that have caused cancer in laboratory animals. Always protect your skin by washing thoroughly with soap and water.

Service and warranty

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

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

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

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

Reporting safety defects

For US customers

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

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

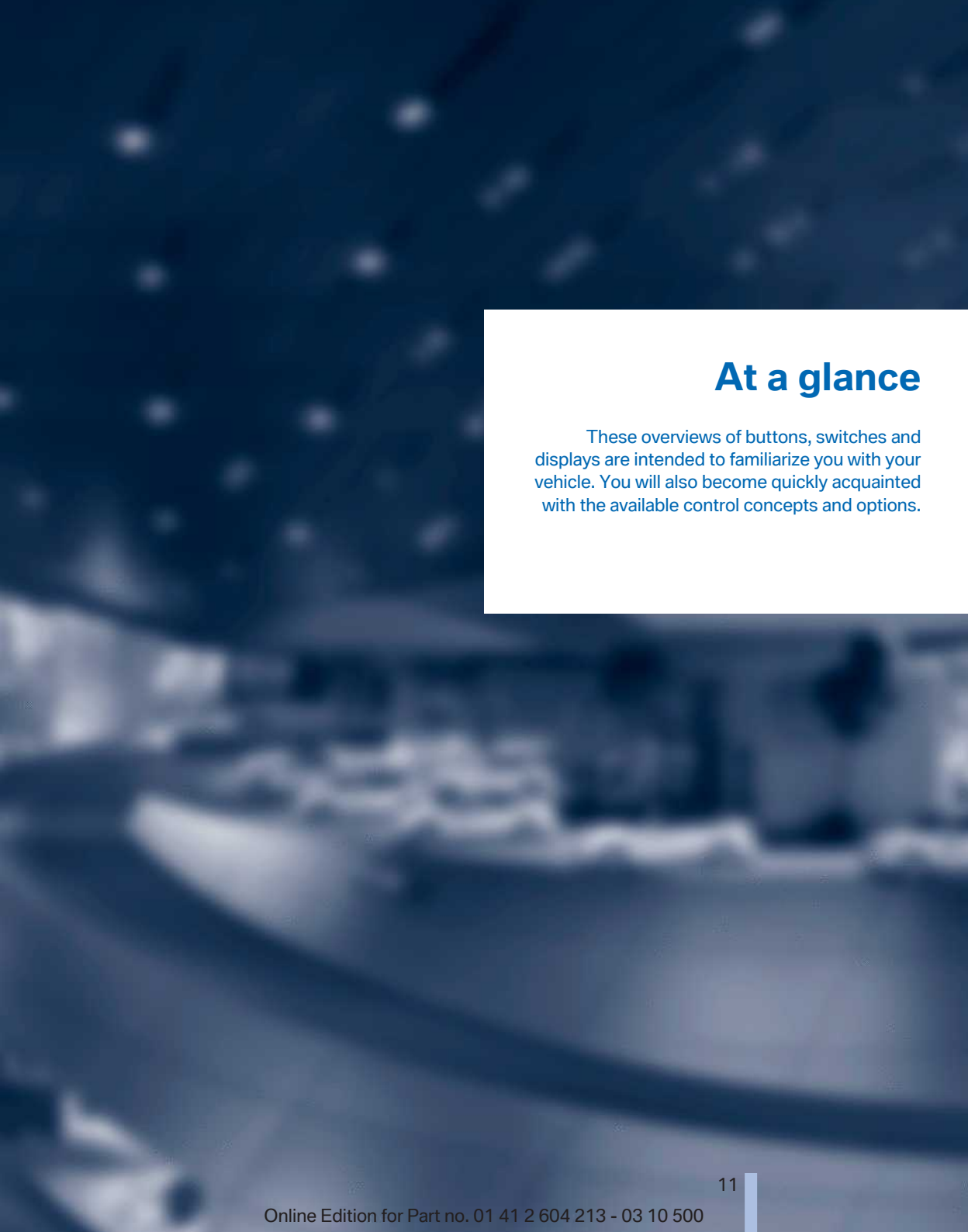
If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign.

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

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to http://www.safercar.gov; or write to: Administrator, NHTSA, 400 Seventh Street, SW., Washington, DC 20590. You can also obtain other information about motor vehicle safety from http://www.safercar.gov

For Canadian customers

Canadian customers who wish to report a safety-related defect to Transport Canada, Defect Investigations and Recalls, may telephone the toll-free hotline 1-800-333-0510, or contact Transport Canada by mail at: Transport Canada, ASFAD, Place de Ville Tower C, 330 Sparks Street, Ottawa ON K1A 0N5.



At a glance

These overviews of buttons, switches and displays are intended to familiarize you with your vehicle. You will also become quickly acquainted with the available control concepts and options.

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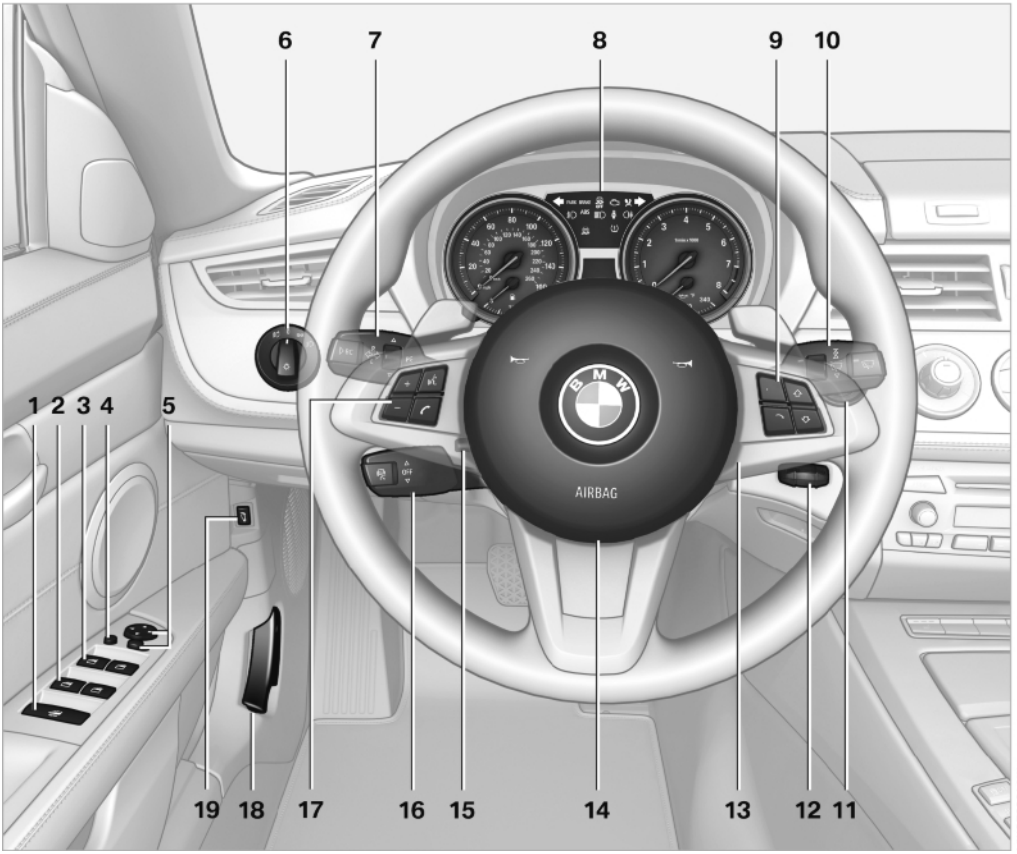
Cockpit

All around the steering wheel



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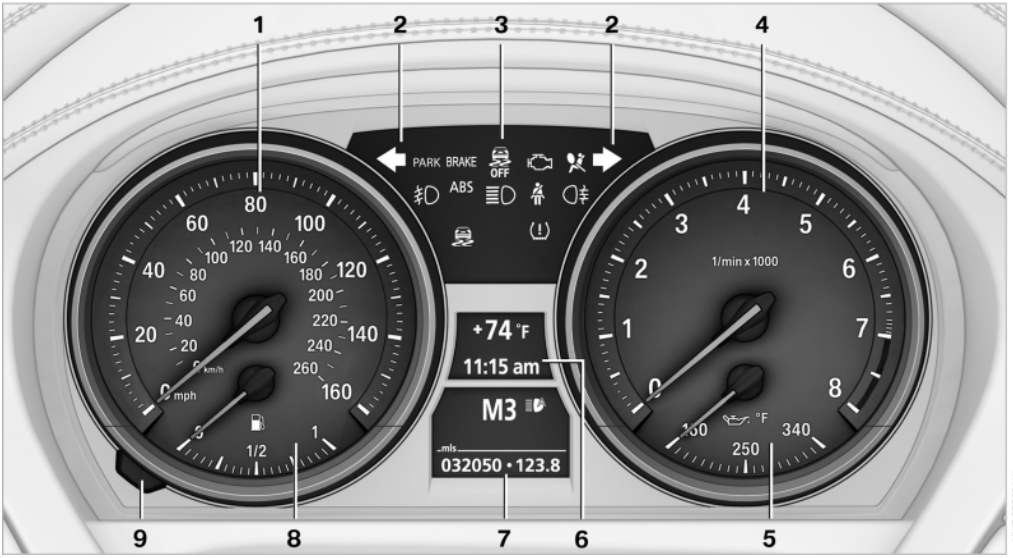
Instrument cluster



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Indicator/warning lamps

Instrument cluster

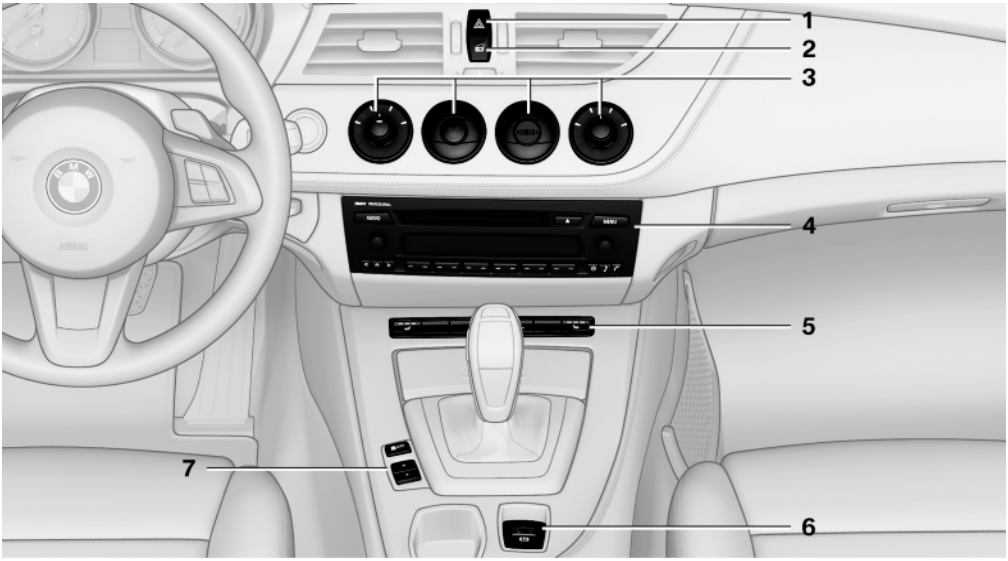
The indicator and warning lamps can light up in a variety of combinations and colors.

Several of the lamps are checked for proper functioning when the engine is started or the ignition is switched on, and light up briefly.

What to do in case of a malfunction

A list of all indicator and warning lamps, as well as notes on possible causes of malfunctions and on how to respond, refer to page 142.

All around the center console



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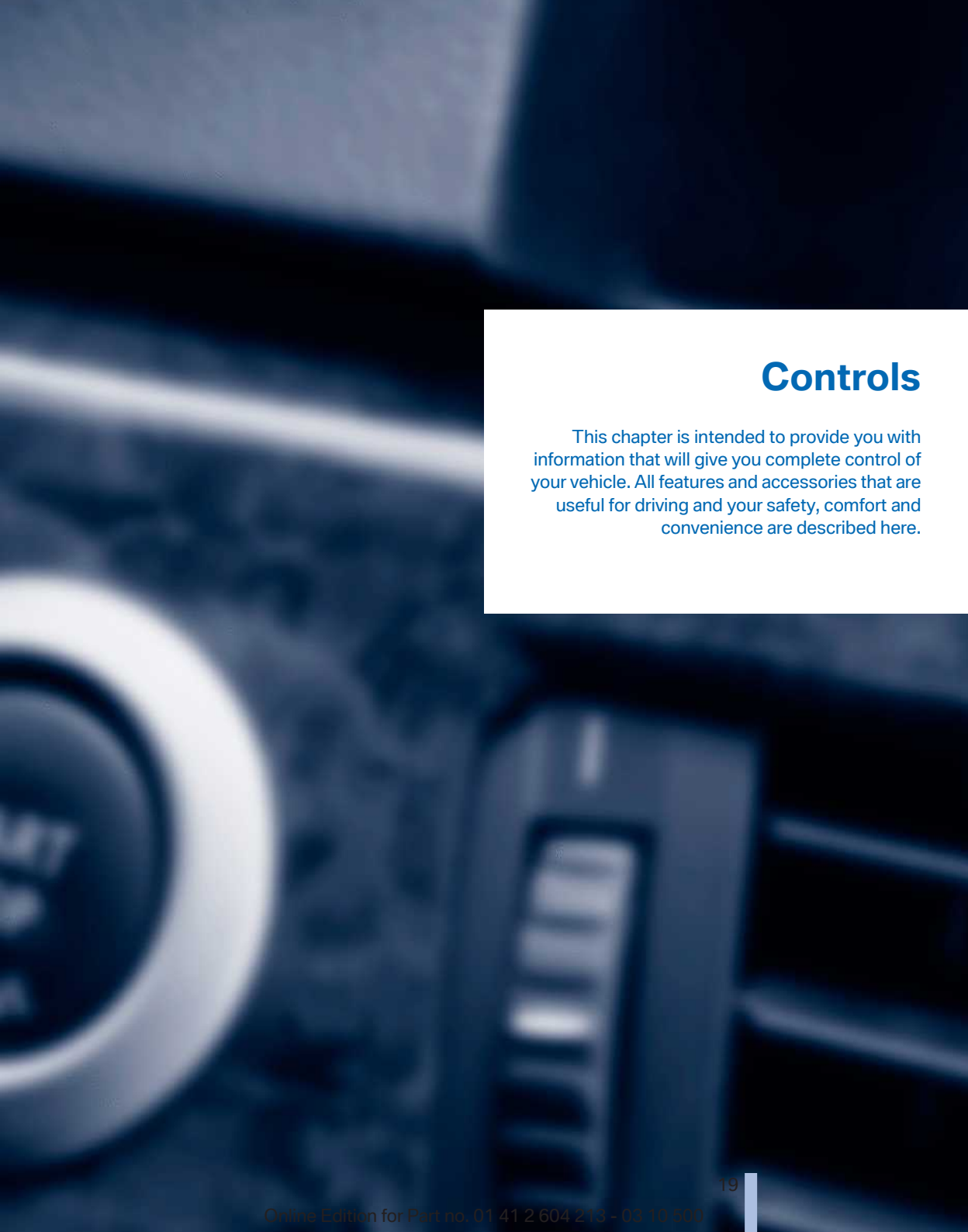


Controls

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

Opening and closing

Remote control

Buttons on the remote control

1 Unlocking

2 Locking

3 Opening the trunk lid

General information

The vehicle is supplied with two remote controls with keys.

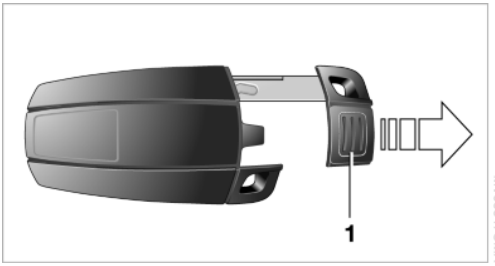
Each remote control contains a rechargeable battery that is automatically recharged when it is in the ignition lock while the car is being driven. Use each remote control at least twice a year for longer road trips in order to maintain the batteries' charge status.

In vehicles equipped with Comfort Access*, the remote control contains a replaceable battery, refer to page 28.

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

In addition, information about service requirements is stored in the remote control, Service data in the remote control, refer to page 125.

Integrated key



Press button 1 and pull out the key.

The integrated key fits the following locks:

- Glove compartment, refer to page 97.
- Driver's door, refer to page 24.

New remote controls

You can obtain new remote controls from your service center.

Loss of the remote controls

Lost remote controls can be blocked by your service center.

Personal Profile

The concept

You can set several of your vehicle's functions to suit your personal needs and preferences.

- The settings are automatically saved in the profile currently activated.
- The remote control used is detected when the vehicle is unlocked and the stored profile is called up.
- Your personal settings will be recognized and called up again even if the vehicle has been used in the meantime by someone else with another remote control.

The individual settings are stored for a maximum of four remote controls. They are stored for two remote controls if Comfort Access* is in use.

Personal Profile settings

The following functions and settings can be stored in a profile.

More information on the settings can be found under:

- Response of the central locking system when the car is being unlocked, refer to page 22.
- Automatic locking of the vehicle, refer to page 25.
- Automatic call-up* of the driver's seat position after unlocking, refer to page 38.
- Triple turn signal activation, refer to page 47.
- Settings for the display in the instrument cluster:
  - 12h/24h clock format, refer to page 61.
  - Date format, refer to page 61
  - Units of measure for fuel consumption, distance covered/remaining distances and temperature, refer to page 60.
- Light settings:
  - Headlamp courtesy delay feature, refer to page 65.
  - Daytime running lights, refer to page 66.
  - High-beam Assistant*, refer to page 67.
- Automatic climate control*: AUTO program, cooling function and automatic recirculated air control activated/deactivated, temperature, air flow rate and distribution, refer to page 88.
- Entertainment:
  - Audio volume, refer to the separate Owner's Manual.
  - Speed-dependent volume control, refer to the separate Owner's Manual.

Central locking system

The concept

The central locking system becomes active when the driver's door is closed.

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

- Doors.
- Trunk lid.
- Fuel filler flap.
- Center armrest*.

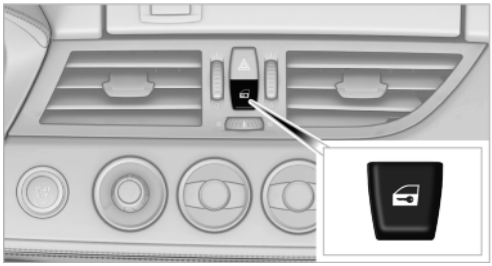
Operating from the outside

- Via the remote control.
- Via the driver's door lock.
- In cars with Comfort Access*, via the door handles on the driver's and passenger sides.

The following takes place simultaneously when locking/unlocking the vehicle via the remote control:

- The welcome lamps, interior lamps and courtesy lamps* are switched on and off.
- The alarm system* is armed or disarmed, refer to page 29.

Operating from the inside



Via the button for the central locking system.

If the vehicle is locked from the inside, the fuel filler flap remains unlocked.

If an accident of a certain severity occurs, the central locking system unlocks automatically.

The hazard warning system and interior lamps come on.

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Opening and closing: from the outside

Using the remote control

General information

Take the remote control with you

People or animals left unattended in a parked vehicle can lock the doors from the inside. Always take the remote control with you when leaving the vehicle so that the vehicle can then be opened from the outside.◂

Conditions for operating the retractable hardtop using the remote control:

- The doors and trunk lid are closed.
- The cargo area partition is folded down and engaged on both sides, refer to page 32.

Unlocking

Press the button. The vehicle is unlocked.

You can set how the vehicle is to be unlocked.

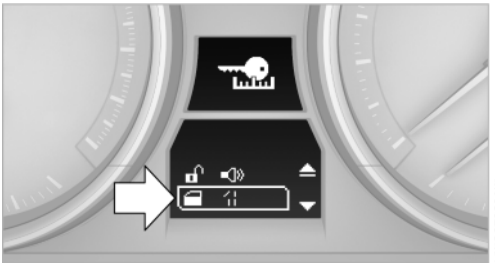
The setting is stored for the remote control currently in use.

Operating principle, refer to page 59.

1. Switch on the ignition, refer to page 44.
2. Lightly push button 1 in the turn indicator lever up or down repeatedly until the symbol appears in the display, accompanied by the word "SET".

MV10026CMA

3. Press button 2.
4. Lightly push button 1 in the turn indicator lever down repeatedly until the symbol appears in the display.



MV09023CMA

5. Press button 2.
6. Use button 1 to select one of the following:
   - ▷ 
     Only the driver's door and the fuel filler flap are unlocked. Pressing again unlocks the entire vehicle.
   - ▷ 
     The entire vehicle is unlocked.
7. Press button 2.

Convenient opening*: window and hardtop

When you are close to the vehicle, the remote control for Comfort Access can be used to open the retractable hardtop.

Press and hold the button on the remote control.

The windows and the retractable hardtop are opened if the doors are closed.

Hold the button down. When you are close to the vehicle, the windows move up after the hardtop is opened.

Monitor the opening process

Monitor the opening process to ensure that no one becomes trapped; otherwise, injuries may result. Releasing the button interrupts the opening process◂

Locking

LOCK Press the button on the remote control.

Locking from the outside

Do not lock the vehicle from the outside if there are people in it, as the vehicle cannot be unlocked from inside without special knowledge.◄

Convenient closing*

When you are close to the vehicle, the remote control for Comfort Access can be used to close the retractable hardtop and the windows.

LOCK Press and hold the button on the remote control.

The retractable hardtop and the windows are closed.

Monitor the closing process

Monitor the closing process to ensure that no one becomes trapped.

Releasing the button stops the motion.◄

Switching on the interior lamps, courtesy lamps*, and welcome lamps

LOCK Press the button on the remote control with the vehicle locked.

Unlocking the trunk lid

Press the button on the remote control for approx. one second.

During opening, the trunk lid pivots back and up.

Ensure that adequate clearance is available before opening.

To avoid locking yourself out of the vehicle, do not place the remote control into the trunk. A previously locked trunk lid is locked again after closing.

Before and after each trip, check that the trunk lid has not been inadvertently unlocked.

Convenient loading*

When you are close to the vehicle, the remote control for Comfort Access can be used to partially raise the open hardtop for more convenient loading of the trunk.

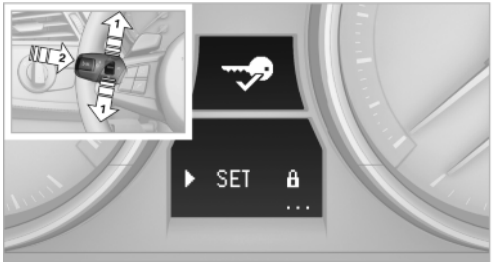
1. Briefly press the button on the remote control.

   Press again within one second and hold until the retractable hardtop stops in an intermediate position. The trunk lid opens slightly.
2. Open the trunk lid, press the cargo area partition upward and stow the cargo in the cargo area.
3. Press down the cargo area partition until it engages on both sides and close the trunk lid.
4. Press the button on the remote control for an extended period to fold the retractable hardtop back in.

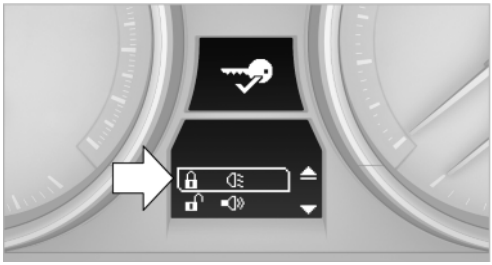
Confirmation signals from the vehicle

Operating principle, refer to page 59.

1. Switch on the ignition, refer to page 44.
2. Lightly push button 1 in the turn indicator lever up or down repeatedly until the symbol appears in the display, accompanied by the word "SET".



3. Press button 2.
4. Lightly push button 1 in the turn indicator lever down repeatedly until the desired symbol appears in the display.
   - ▷ Confirmation signal during unlocking
   - ▷ Confirmation signal during locking



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5. Press button 2.
6. Use button 1 to select one of the following:
   - The hazard warning system flashes during unlocking/locking.
   - An acoustic signal sounds during unlocking/locking.
   - The hazard warning system lights up and an acoustic signal* sounds during unlocking/locking.
   - off The function is deactivated.
7. Press button 2.

   The setting is stored.

Malfunctions

Local radio waves may interfere with the remote control.

In this case, unlock and lock the car at the door lock with the integrated key.

If the car can no longer be locked with a remote control, the battery in the remote control is discharged. Use the remote control during an extended drive; this will recharge the battery, refer to page 20.

The remote control for Comfort Access* contains a battery that may need to be replaced, 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

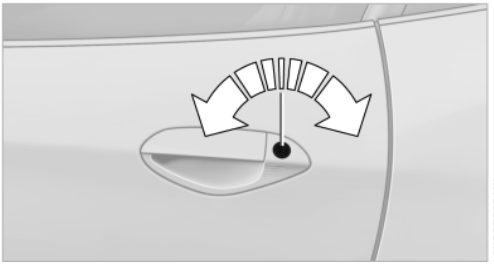
Compliance statement:

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

- This device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

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

Using the door lock



Locking from the outside

Do not lock the vehicle from the outside if there are people in it, as the vehicle cannot be unlocked from inside without special knowledge.◄

Remove the key before pulling the door handle

Before pulling the outside door handle, remove the key to avoid damaging the paintwork and the key.◄

Convenience operation*

The windows and the retractable hardtop can be operated via the door lock.

Opening/closing

With the door closed, turn the key to the unlock or lock position and hold it there.

Turning the key back to the original position stops the motion.

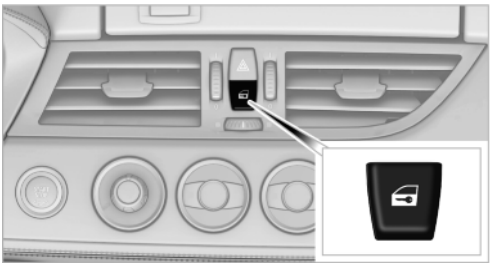
Monitor the closing process

During every closing procedure, and when opening the retractable hardtop, watch the process and ensure that no one becomes trapped; otherwise, injuries may occur.◄

Manual operation

If an electrical malfunction occurs, unlock or lock the driver's door using the integrated key in the door lock.

Opening and closing: from the inside*



Locking and unlocking

Press the button*.

The doors and the trunk lid are locked or unlocked when the front doors are closed, but they are not secured against theft.

The fuel filler flap remains unlocked.

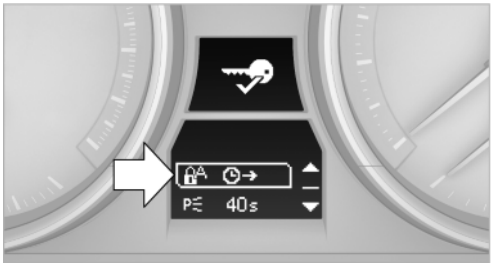
Automatic locking

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

Operating principle, refer to page 59.

1. Switch on the ignition, refer to page 44.
2. Lightly push button 1 in the turn indicator lever up or down repeatedly until the symbol appears in the display, accompanied by the word "SET".

3. Press button 2.
4. Lightly push button 1 in the turn indicator lever down repeatedly until the symbol appears in the display.



5. Press button 2.
6. Use button 1 to select one of the following:
   - ▷ on The vehicle locks automatically after a short period of time if a door is not opened.
   - ▷ → on The vehicle locks automatically after you drive away.
   - ▷ → The vehicle locks automatically after a short period of time if a door is not opened or after you drive away.
   - ▷ off The central locking system remains unlocked.
7. Press button 2.

Unlocking and opening doors

- ▷ Press the button. The doors are unlocked. To open, pull the door handle above the armrest.
- ▷ Pull the door handle above the armrest twice: the door is unlocked the first time and opened the second time.

Locking

- ▷ Press the button. The doors are locked.
- ▷ Press the lock button of a door. To prevent you from being locked out, the opened driver's door cannot be locked using the lock button.

Take the remote control with you

People or animals left unattended in a parked vehicle can lock the doors from the in-

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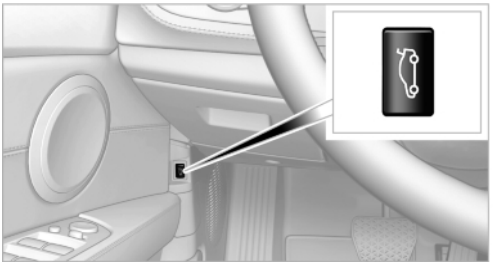
side. Always take the remote control with you when leaving the vehicle so that the vehicle can then be opened from the outside.◄

Trunk lid

Note the opening height of the trunk lid

During opening, the trunk lid pivots back and up. Ensure that there is sufficient clearance when the trunk lid opens; otherwise, damage may result.◄

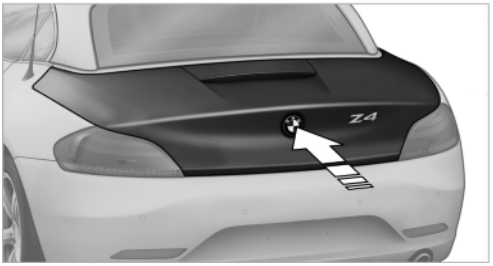
Opening from the inside



Press the button.

The trunk lid opens unless it has been locked.

Opening from the outside



- Press on the top half of the BMW emblem.
- Press the button on the remote control for approx. one second.

The trunk lid can be opened.

Closing

Recessed grips in the interior trim of the trunk lid make it easier to pull down the lid.

Danger of pinching

Make sure that the closing path of the trunk lid is clear; otherwise, injuries may result.◄

Press the trunk lid down lightly.

It is closed automatically.

Emergency unlocking*

Pull the lever in the cargo area.

The trunk lid unlocks.

Comfort Access*

The concept

The vehicle can be accessed without activating the remote control.

All you need to do is to have the remote control with you, e.g., in your jacket pocket.

The vehicle automatically detects the remote control when it is nearby or in the passenger compartment.

Comfort Access supports the following functions:

- Unlocking/locking of the vehicle.
- Convenient closing.
- Convenient opening
- Unlocking of the trunk lid separately.
- Starting the engine.

Functional requirement

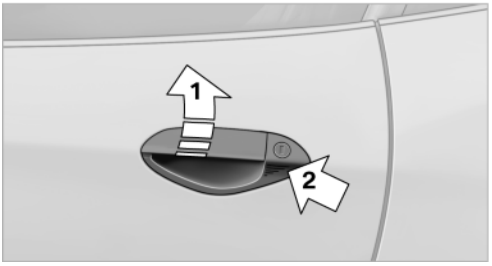
- To lock the vehicle, the remote control must be located outside of the vehicle.
- The vehicle cannot be unlocked or locked again for approx. the next two seconds.
- The engine can only be started if the remote control is inside the vehicle.

Comparison to the standard remote control

The specified functions can be controlled by pressing the button or via Comfort Access.

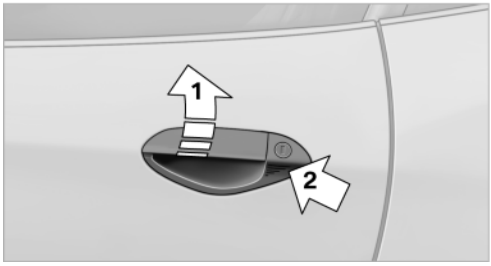
If you notice a brief delay while opening or closing the windows or retractable hardtop, the system is checking whether a remote control is inside the vehicle. Repeat the opening or closing procedure, if necessary.

Unlocking



Pull the handle up, arrow 1. This corresponds to pressing the button.

Locking



Press on the surface, arrow 2.

This corresponds to pressing the LOCK button.

To save battery power, ensure that the ignition and all electronic systems and/or power consumers are switched off before locking the vehicle.

Window and convertible top operation

With the ignition in the radio ready state or beyond, the windows and the convertible top can be opened and closed when a remote control is located inside the vehicle.

Unlocking the trunk lid separately

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

If a remote control accidentally left in the trunk is detected in the locked vehicle, then the trunk lid opens again. The hazard warning system flashes and an acoustic signal* sounds.

Switching on the radio ready state

Pressing the Start/Stop button switches on the radio ready state, refer to page 44.

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

Starting the engine

The engine can be started or the ignition can be switched on when a remote control is inside the vehicle. It is not necessary to insert a remote control into the ignition lock, refer to page 44.

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Switching off the engine in cars with automatic transmission

The engine can only be switched off with the selector lever in position P, refer to page 46.

To switch the engine off with the selector lever in position N, insert the remote control in the ignition lock.

Before driving a vehicle with automatic transmission into a car wash

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

The vehicle can roll.

Malfunction

Comfort Access may malfunction due to local radio waves such as from mobile phones.

If this occurs, open or close the vehicle using the buttons on the remote control or use the integrated key in the door lock.

To start the engine afterward, insert the remote control into the ignition switch.

Warning lamps

The warning lamp in the instrument cluster lights up when you attempt to start the engine: the engine cannot be started.

The remote control is not inside the vehicle or is malfunctioning. Take the remote control with you inside the vehicle or have it checked. If necessary, insert another remote control into the ignition switch.

The warning lamp in the instrument cluster lights up while the engine is running: the remote control is no longer inside the vehicle.

After the engine is switched off, the engine can only be restarted within approx. 10 seconds.

The indicator lamp in the instrument cluster lights up: replace the remote control battery.

Replacing the battery

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

1. Take the integrated key out of the remote control, refer to page 20.

2. Remove the cover.
3. Insert a battery of the same type with the positive side facing upwards.
4. Press the cover closed.

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

Alarm system*

The concept

The vehicle alarm system responds to:

- Opening of a door, the hood or the trunk lid.
- Movements in the vehicle: interior motion sensor, refer to page 29.
- When the car's inclination changes, for instance if an attempt is made to jack it up and steal the wheels or to raise it prior to towing away.
- Interruptions in battery voltage.

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

- By sounding an acoustic alarm.
- Switching on the hazard warning system.

▷ By flashing the high beams.

Arming and disarming the 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.

Trunk lid and armed alarm system

The trunk lid can be opened using the remote control, even if the alarm system is armed.

Press the button on the remote control for approx. one second.

Note the opening height of the trunk lid

During opening, the trunk lid pivots back and up. Ensure that there is sufficient clearance when the trunk lid opens; otherwise, damage may result.◀

After the lid is closed, it is locked and monitored again by the alarm system.

Panic mode*

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

Press the button on the remote control for at least three seconds.

To switch off the alarm: press any button.

Switching off the alarm

▷ Unlock the vehicle using the remote control, refer to page 22.

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

Indicator lamp on the interior rearview mirror

▷ The indicator lamp flashes briefly every 2 seconds:

The system is armed.

▷ The indicator lamp flashes after locking:

The doors, hood or trunk lid is not closed properly, but the rest of the vehicle is secured.

The indicator lamp flashes continuously after approx. 10 seconds. The interior motion sensor and tilt alarm sensor are not active.

▷ The indicator lamp goes out after unlocking:

The vehicle has not been tampered with.

▷ If the indicator lamp flashes after unlocking until the remote control is inserted in the ignition, but for no longer than approx. 5 minutes:

An alarm has been triggered.

Tilt alarm sensor

The tilt of the vehicle is monitored.

The alarm system responds in situations such as attempts to steal a wheel or tow the car.

Interior motion sensor

The interior of the car is monitored up to the height of the seat cushions. Thus the alarm system is activated together with the interior motion sensor even if the hardtop is open. An alarm can be triggered unintentionally by falling objects such as leaves, refer to Avoiding unintentional alarms.

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Avoiding unintentional alarms

The tilt alarm sensor and interior motion sensor can be switched off together, such as in the following situations:

- In duplex garages
- During transport on car-carrying trains, at sea or on a trailer.
- When animals are to remain in the vehicle.

Switching off the tilt alarm sensor and interior motion sensor

LOCK Press the button on the remote control twice in succession.

The indicator lamp lights up for approx. 2 seconds and then flashes continuously.

The tilt alarm sensor and interior motion sensor remain switched off until the vehicle is locked again.

Power windows

General information

Take the remote control with you

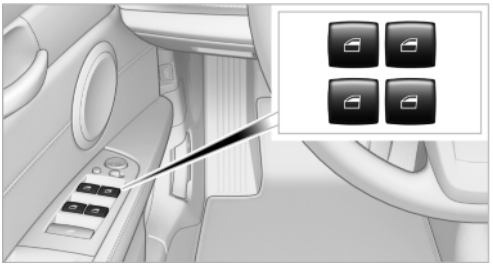
Take the remote control with you when leaving the vehicle so that children, for example, cannot operate the power windows and injure themselves.◄

Danger of pinching

Monitor the closing process and make sure that the closing path of the window is clear; otherwise, injuries may result.◄

Opening, closing

Individually



- Press the switch to the resistance point:

  The window opens while the switch is held.

  Closing can be performed in the same manner by pulling the switch.
- Press the switch beyond the resistance point:

  The window opens automatically.

  Press the switch again to stop the opening movement.

Jointly

- Press the switch to the resistance point:

  All windows open while the switch is held.

  Closing can be performed in the same manner by pulling the switch.
- Press the switch beyond the resistance point:

  All windows open automatically.

  Press the switch again to stop the opening movement.

Convenience operation

Convenience operation via the remote control, refer to page 22, or the door lock, refer to page 24.

Convenient closing with Comfort Access, refer to page 23.

After the ignition is switched off

When the remote control is removed or the ignition is switched off, the windows can continue to be operated for approx. 1 minute as long as no door is opened.

Pinch protection system

If the closing force exceeds a specific value as one of the front side windows closes, the closing action is interrupted.

The window reopens slightly.

Danger of pinching even with pinch protection

Even with the pinch protection system, check that the window's closing path is clear; otherwise, the closing action may not stop in certain situations, e.g., if thin objects are present.◄

Do not use window accessories

Do not install any accessories in the range of movement of the windows; otherwise, the pinch protection system will be impaired.◄

Closing without the pinch protection system

For example, if there is an external danger or if ice on the windows prevents a window from closing normally, proceed as follows:

1. Pull the switch past the resistance point and hold it there. Pinch protection is limited and the window reopens slightly if the closing force exceeds a certain value.
2. Pull the switch past the resistance point again within approx. 4 seconds and hold it there.

   The window closes without pinch protection.

Retractable hardtop

General information

Adhere to the following instructions:

- It is advisable that you close the retractable hardtop when you park the vehicle. Not only does the closed hardtop protect the vehicle interior against unanticipated weather damage, it also offers theft protection. However, even when the hardtop is closed, valuables should only be stored in the locked cargo area.
- Do not attach roof rack systems to the retractable hardtop, and in particular do not attach magnetic racks.
- Do not attach rack systems to the trunk lid, and in particular do not attach magnetic racks.
- When the retractable hardtop is operated, the trunk lid swings back and up.

  Before operating the retractable hardtop, ensure that there is enough clearance, e.g., in tight parking spaces.
- If you open the hardtop while it is wet, e.g., after driving in the rain, water may drip into the trunk.

  If necessary, remove items from the cargo area beforehand to avoid water stains or soiling.
- At temperatures below 14 °F/-10 °C, the retractable hardtop cannot be moved.

Do not touch the mechanism and keep the opening path clear.

During opening and closing, do not reach into the mechanism and keep children away from the opening path of the retractable hardtop; otherwise, there is the risk of injury.◄

Only open or close the hardtop while the vehicle is stationary.

Do not drive away until the hardtop movement is completed. Driving when the hardtop is not fully opened or not fully closed may result in damage or injury.◄

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Do not place objects on the retractable hardtop.

Do not place any objects on the retractable hardtop or on the trunk lid; otherwise, they could fall during movements of the retractable hardtop and cause damage or injury.◄

Before opening and closing

Always open or close the hardtop fully.

Do not let the hardtop stop in an intermediate position when opening or closing. Otherwise, there is the danger of personal injury since the hardtop will be lowered automatically after a few minutes.◄

- Observe the safety precautions above.
- Ensure that the trunk lid is closed.
- The vehicle should be parked on fairly level ground. Excessive angle is indicated by a lamp.
- Fold down the trunk cover and make sure it engages, refer to the instructions below.
- Do not place any objects next to or on the cargo area partition and close the storage compartment on the left side of the cargo area.
- Do not exceed the maximum loading height under the cargo area partition; refer to the label in the cargo area showing a line indicating the maximum height.

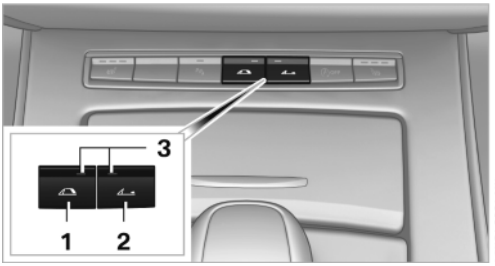
Folding down the cargo area partition

Before opening the hardtop, close the cargo area partition, arrow, and make sure it engages on both sides.

Opening and closing

In the radio ready state or beyond, refer to page 44, and when the vehicle is stationary:

If possible, conserve the battery by only operating the retractable hardtop when the engine is running. Before closing the retractable hardtop, remove all foreign objects from the windshield frame as these could prevent the hardtop from closing properly.



1 Press and hold button 1:

The retractable hardtop closes.

2 Press and hold button 2:

The retractable hardtop opens.

3 LEDs

The side windows move down when the hardtop is opened or closed.

If the windows pause briefly as they move, this is for technical reasons and is not a malfunction.

LEDs

In the following situations, an acoustic signal may sound in addition to the LED lighting up:

- While the hardtop is being operated, the green LED lights up. It goes out as soon as the top is fully opened or closed.
- If the red LED flashes when you release the switch, the opening or closing action has not yet finished.
- If the red LED lights up when the switch is pressed, the cargo area partition is folded up, the trunk lid is not closed, the vehicle is standing on a strong incline or there is a malfunction. The retractable hardtop cannot be moved.

Interruption

The automatic sequence of movements is interrupted if the switch for hardtop operation is released. The sequence can be continued in the desired direction by pushing or pulling the switch.

Always open or close the hardtop fully.

Open or close the hardtop fully; otherwise, there is a risk of injury or damage when driving. Do not interrupt and resume the closing procedure several times in close succession as this could damage the mechanism.◂

If the hardtop is not fully opened or closed, the trunk lid cannot be opened and the windows cannot be moved.

Convenience operation with remote control or via door lock

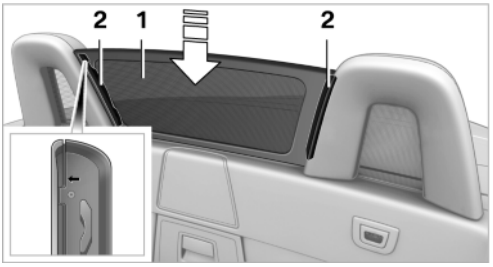
Information on convenience operation, refer to page 22, and on operation using the door lock, refer to page 24.

Wind deflector*

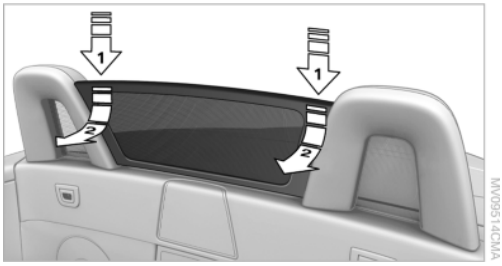
The wind deflector keeps air movements in the passenger compartment to a minimum when the hardtop is open and provides an even more comfortable ride, particularly at high speeds.

Installation

1. Insert the wind deflector 1 into the holders 2 on the rollover bars; the arrow should point in the direction of travel.



2. Push the wind deflector down, arrow 1, and then push down and forward simultaneously, arrow 2, until it engages.

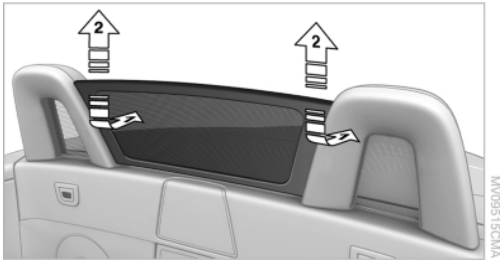


Attach the wind deflector securely

The wind deflector must engage firmly; otherwise, it could become detached at higher vehicle speeds.◂

Removing

1. Push the wind deflector down and back simultaneously, arrow 1, to disengage it from the catch mechanism.



2. Pull the wind deflector upward out of the holders, arrow 2.

Clothes hooks

Coat hooks 1 are located on the wind deflector panels in the rollover bars.

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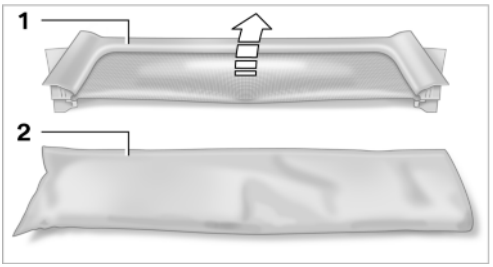
Only hang light objects on the hooks

Do not hang heavy objects on the hooks; otherwise, they could endanger the passengers, such as during braking or evasive maneuvers.◄

Storage



Fold the wind deflector 1 and slide it into the storage pouch 2.

The wind deflector can be stored on the lateral storage shelf behind the seats.

Adjusting

Sitting safely

The ideal seating position can make a vital contribution to relaxed, fatigue-free driving.

The seating position plays an important role in an accident in combination with:

- ▷ Safety belts, refer to page 37.
- ▷ Head restraints.
- ▷ Airbags, refer to page 70.

Seats

Note before adjusting

Do not adjust the seat while driving

Never attempt to adjust the driver's seat while driving.

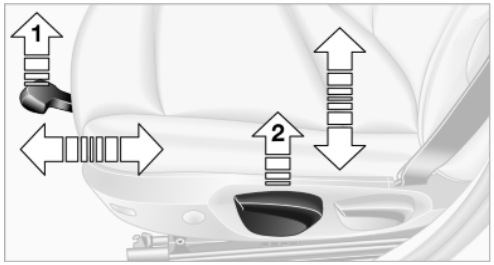
The seat could respond with unexpected movement and the ensuing loss of vehicle control could lead to an accident.◄

Do not incline the backrest too far to the rear

Do not incline the backrest on the front passenger side too far to the rear during driving. Otherwise, there is the danger of sliding under the safety belt in an accident. This would eliminate the protection normally provided by the belt.◄

Also note the information on safety belt damage, refer to page 37.

Adjusting manually



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Forward/backward

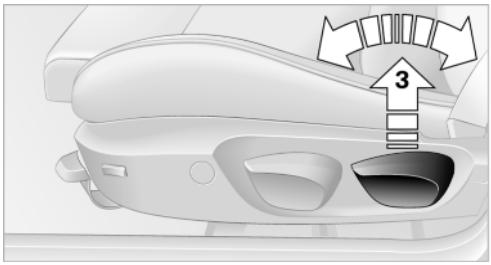
Pull lever 1 and slide the seat to the desired position.

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

Height

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

Backrest tilt



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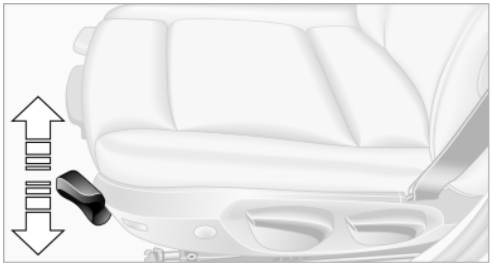
Pull lever 3 and move the backrest to the desired tilt.

Distance:

Adjust the backrest so that the head restraint is as close as possible to the back of the head.

Seat tilt*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Pull the lever and move the seat to the desired tilt. After releasing the lever, apply your weight to the seat or lift it off to make sure the seat engages properly.

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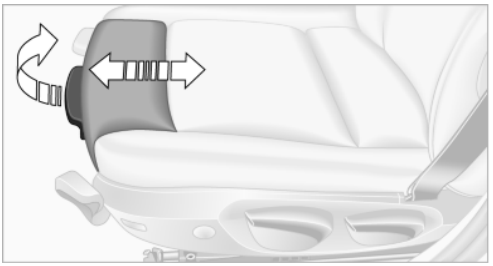
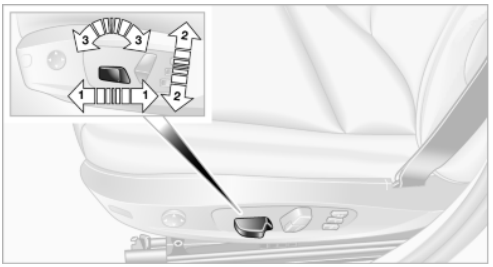
Thigh support*



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

Adjusting electrically



1 Forward/backward
2 Height
3 Seat tilt

4 Backrest tilt

Lumbar support*

The curvature of the seat backrest can be adjusted in such a way that it supports the lumbar region of the spine.

The lower back and the spine are supported for upright posture.

- ▷ Press the front/rear section of the switch.
  The curvature is increased/decreased.
- ▷ Press the upper/lower section of the switch.
  The curvature is shifted up/down.

Backrest width*

Change the width of the backrest using the side wings to adjust the lateral support.

Press the front/rear section of the switch.

The backrest width decreases/increases.

Seat heating*

Press the button once for each temperature level.

The maximum temperature is reached when three LEDs are lit.

Switching off

Press the button longer.

The LEDs go out.

Safety belts

General information

Always make sure that safety belts are being worn by all occupants before driving away.

Although airbags enhance safety by providing added protection, they are not a substitute for safety belts.

Seats with safety belt

The vehicle has two seats, each of which is equipped with a safety belt.

The shoulder strap's anchorage point will be correct for adult seat occupants of every build if the seat is correctly adjusted.

One person per safety belt

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

Putting on the belt

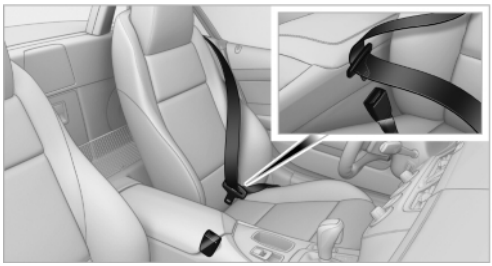
Lay the belt, without twisting, snugly across the lap and shoulders, as close to the body as possible. Make sure that the belt lies low around the hips in the lap area and does not press on the abdomen. Otherwise, the belt can slip over the hips in the lap area in a frontal impact and injure the abdomen.

The safety belt must not lie across the neck, rub on sharp edges, be routed over solid or breakable objects, or be pinched.◄

Reduction of restraining effect

Avoid wearing clothing that prevents the belt from fitting properly, and pull the shoulder belt periodically to readjust the tension across your lap; otherwise, the retention effect of the safety belt may be reduced.◄

Buckling the belt



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

Unbuckling the belt

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

Safety belt reminder for driver and passenger*

The indicator lamp lights up and a signal sounds. Check whether the safety belt has been fastened correctly.

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

Damage to safety belts

In the case of strain caused by accidents or damage:

Have the safety belts, including the safety belt tensioners, replaced and have the belt anchors checked.

Checking and replacing safety belts

Have the work performed only by your service center; otherwise, it cannot be ensured that this safety feature will function properly.◄

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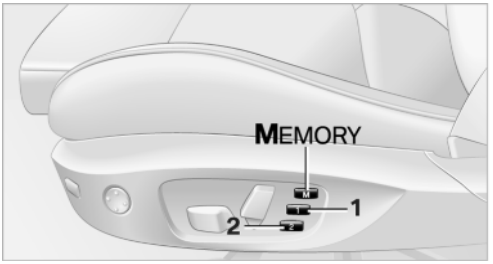
Seat and mirror memory*

General information

Two different driver's seat and exterior mirror positions can be stored and retrieved for each remote control.

Settings for the backrest width and lumbar support are not stored.



Storing

1. Switch on the radio ready state or the ignition, refer to page 44.
2. Adjust the seat and exterior mirrors to the desired positions.
3. M Press the button. The LED in the button lights up.
4. Press the desired memory button 1 or 2: the LED goes out.

If the M button is pressed accidentally:

M Press the button again. The LED goes out.

Calling up settings

Do not retrieve the memory setting while driving

Do not retrieve the memory setting while driving, as an unexpected movement of the seat or steering wheel could result in an accident.◄

Comfort function

1. Open the driver's door or switch on the radio ready state, refer to page 44.
2. Briefly press the desired memory button 1 or 2.

The seat is automatically moved to the stored position.

The procedure stops when a switch for adjusting the seat or one of the buttons is pressed.

Safety mode

1. Close the driver's door and switch the ignition on or off, refer to page 44.
2. Press and hold the desired button 1 or 2 until the adjustment procedure is completed.

Calling up with the remote control

Keep the footwell behind the driver's seat clear

When this Personal Profile function is used, first make sure that the footwell behind the driver's seat is free of obstacles. Failure to do so could result in damage to the objects if the seat were to move rearward.◄

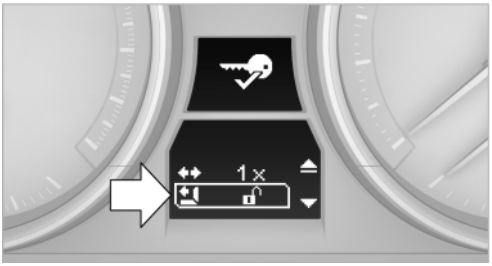
The setting procedure stops when a switch for adjusting the seat or one of the buttons is pressed.

Operating principle, refer to page 59.

1. Lightly push button 1 in the turn indicator lever up or down repeatedly until the symbol appears in the display, accompanied by the word "SET".

2. Press button 2.

3. Lightly push button 1 in the turn indicator lever down repeatedly until the symbol appears in the display.



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4. Press button 2.
5. Use button 1 to select one of the following:
   - ▷ Call-up when the vehicle is unlocked.
   - ▷ Call-up when the driver's door is opened.
   - ▷ off Switch off the automatic function.
6. Press button 2. The setting is stored.

Mirrors

Exterior mirrors

General information

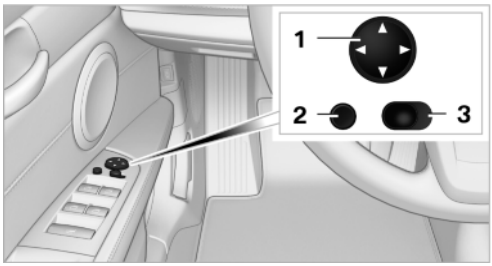
The mirror on the passenger side is more curved than the driver's mirror.

Estimating distances correctly

Objects reflected in the mirror are closer than they appear. Do not estimate the distance to the traffic behind you based on what you see in the mirror, as this will increase your risk of an accident.◀

The setting for the exterior mirrors is stored for the remote control* currently in use. The stored position is called up automatically when the vehicle is unlocked.

At a glance



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1 Adjusting
2 Fold in and out*
3 Left/right, Automatic Curb Monitor*

Selecting a mirror

To change over to the other mirror:

Slide over the mirror changeover switch 3.

Adjusting electrically

The setting corresponds to the direction in which the button is pressed.

Saving positions*

Seat and mirror memory*, refer to page 38.

Adjusting manually

If an electrical malfunction occurs, for example, press the edges of the mirror glass.

Automatic Curb Monitor*

When the reverse gear is engaged, the mirror glass tilts downward slightly on the front passenger side. This improves your view of the curb and other low-lying obstacles when parking, for example.

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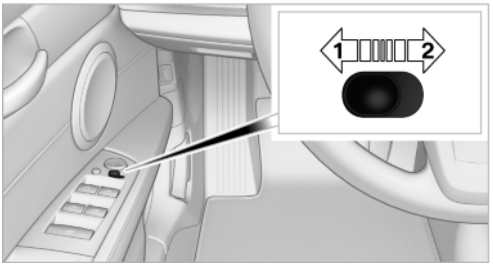
Activating

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



2. Engage reverse gear or move the selector lever to position R.

Deactivating

Slide the mirror changeover switch to the passenger side mirror position, arrow 2.

Fold in and out*

Press button 2.

Possible up to approx. 15 mph/20 km/h.

For example, this is advantageous

- In car washes.
- In narrow streets.
- For folding back mirrors that were folded away manually.

Mirrors that were folded in are folded out automatically at a speed of approx. 25 mph/40 km/h.

Fold in the mirror in a car wash

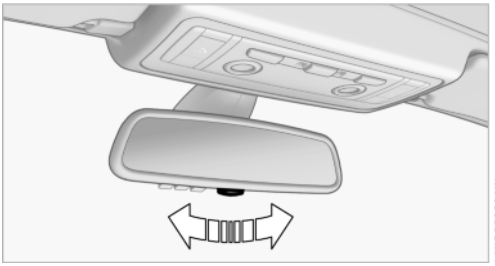
Before entering an automatic car wash, fold in the exterior mirrors by hand or with the button; otherwise, they could be damaged, depending on the width of the vehicle.◄

Automatic heating

Both exterior mirrors are heated automatically while the engine is running or the ignition is switched on.

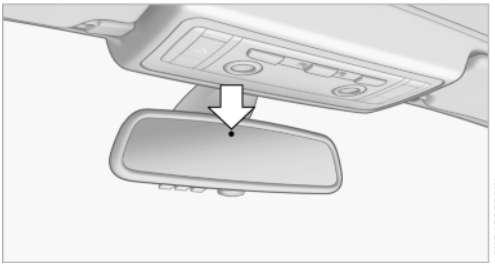
Interior rearview mirror

Reducing the blinding effect



Blinding effect from behind when driving at night: turn the knob.

Interior rearview and exterior mirrors, automatic dimming feature*



The automatic dimming feature of the interior rearview and exterior mirrors* is controlled by two photo cells in the interior rearview mirror. One photo cell is in the mirror frame, see arrow; the other is on the back of the mirror.

For proper operation:

- Keep the photocells clean.
- Do not cover the area between the inside rearview mirror and the windshield.

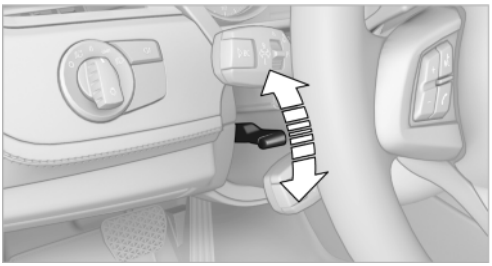
Steering wheel

General information

Do not adjust while driving

Do not adjust the steering wheel while driving; otherwise, an unexpected movement could result in an accident.◄

Adjusting



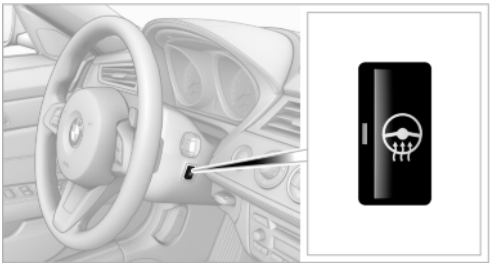
1. Fold the lever down.
2. Move the steering wheel to the preferred height and angle to suit your seating position.
3. Fold the lever back.

Do not use force to swing the lever back.

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

Steering wheel heating*

Switching on/off



Press the button.

- ▷ On: the LED lights up.
- ▷ Off: the LED goes out.

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Transporting children safely

The right place for children

Note

Children in the vehicle

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

Children on the front passenger seat

Should it ever be necessary to use a child restraint fixing system in the front passenger seat, make sure that the front, knee and side airbags on the front passenger side are deactivated. Automatic deactivation of front passenger airbags, refer to page 71.

Deactivating the front passenger airbags

If a child restraint fixing system is used in the front passenger seat, the front passenger airbags must be deactivated; otherwise, there is an increased risk of injury to the child when the airbags are triggered, even with a child restraint fixing system.◄

Transport children in suitable child restraint fixing systems

Only transport children younger than 13 years of age or shorter than 5 ft/150 cm in child restraint fixing systems suitable for the age, weight and size of the child; otherwise, there is an increased risk of injury in an accident.

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

Installing child restraint fixing systems

Notes

Manufacturer's information for child restraint fixing systems

To select, mount and use child restraint fixing systems, observe the information provided by the system manufacturer; otherwise, the protective effect can be impaired.◄

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

In the front passenger seat

Check the deactivation of the passenger airbag

After installing a child restraint fixing system on the passenger seat, make sure that the front and side airbags on the passenger side have been deactivated; otherwise, there is an increased risk of injury when the airbags are deployed.◄

Seat position

Before installing a child restraint fixing system, move the passenger seat as far back and as high* as possible to obtain the best possible position for the belt.

Backrest width*

1. Adjust the backrest width to its widest setting, refer to page 36.
2. Install the child seat.

Backrest width for the child seat

Before installing a child restraint fixing system in the front passenger seat, the backrest width must be opened completely. Do not change the adjustment after this; otherwise, the stability of the child seat will be reduced.◄

Child seat security

The safety belt for the passenger can be locked to prevent it from being pulled out when it is used to secure child restraint systems.

To lock the safety belt

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

The safety belt is locked.

To unlock the safety belt

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

Upper LATCH retaining strap

For Canadian Customers only

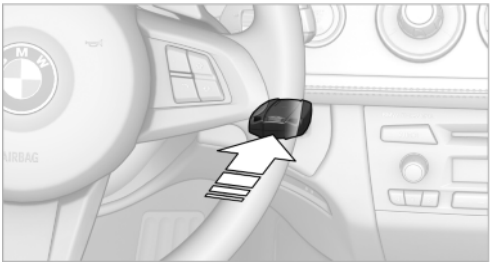
The following statement is required by Transport Canada

This vehicle is not equipped with user-ready tether anchorages. As such neither a child restraint system, nor a booster cushion, requiring the use of a tether strap can be properly secured in the vehicle.

Driving

Ignition lock

Insert the remote control into the ignition lock



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

- Radio ready state is switched on. Individual electrical consumers can operate.

Comfort Access*

If the car is equipped with Comfort Access, only insert the remote control into the ignition lock, refer to page 26, under special circumstances.

Removing the remote control from the ignition lock

Do not forcibly pull the remote control out of the ignition lock

Do not forcibly pull the remote control out of the ignition lock as this may cause damage.◄

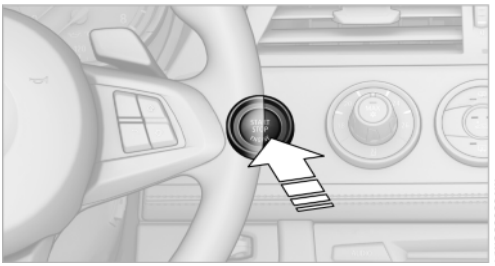
Before removing the remote control, push it all the way in to release the locking mechanism.

- The ignition is switched off if it was on.

Automatic transmission

You can only take out the remote control if the selector lever is in position P: interlock.

Start/Stop button



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

The engine starts when you press the Start/Stop button and, if the car has manual transmission, also depress the clutch, or, if the car has automatic transmission, also depress the brake.

Radio ready state

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

Radio ready state is switched off automatically:

- When the remote control is removed from the ignition lock.
- In cars with Comfort Access*, by touching the surface above the door lock, locking, refer to page 27.

Ignition on

All electrical consumers can operate. The odometer and trip odometer are displayed in the instrument cluster.

To save battery power when the engine is off, switch off the ignition and any unnecessary electronic systems/power consumers.

Radio ready state and ignition off

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

Starting the engine

Enclosed areas

Do not let the engine run in enclosed areas; otherwise, breathing of exhaust fumes may lead to loss of consciousness and death. The exhaust gases contain carbon monoxide, an odorless and colorless but highly toxic gas.◄

Unattended vehicle

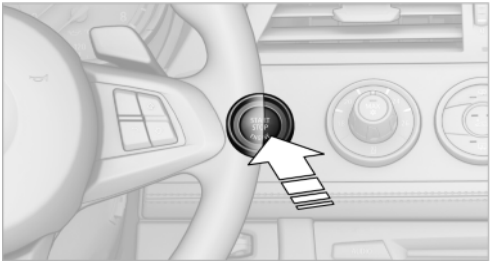
Do not leave the car unattended with the engine running; otherwise, it presents a potential source of danger.

Before leaving the car with the engine running, set the parking brake and move the selector lever to position P or shift into neutral; otherwise, the vehicle may begin to roll.◄

Frequent starting in quick succession

Avoid repeated futile attempts at starting the car and avoid starting the car frequently in quick succession. Otherwise, the fuel is not burned or is inadequately burned, and there is the danger of overheating and damaging the catalytic converter.◄

Do not wait for the engine to warm up while the vehicle remains stationary. Start driving right away, but at moderate engine speeds.



Manual transmission

Remote control in the ignition lock or, with Comfort Access, inside the vehicle, refer to page 26.

1. Depress the brake pedal.
2. Press on the clutch and shift to neutral.
3. Press the Start/Stop button.

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

Automatic transmission

Remote control in the ignition lock or, with Comfort Access, inside the vehicle, refer to page 26.

1. Depress the brake pedal.
2. Move the selector lever to position P.
3. Press the Start/Stop button.

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

7-gear sport automatic transmission with dual clutch

Remote control in the ignition lock or, with Comfort Access, inside the vehicle, refer to page 26.

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

The engine starts, regardless of the current selector lever position.

Engine stop

Take the remote control with you

Take the remote control with you when leaving the vehicle so that children, for example, cannot operate the windows and injure themselves.◄

Set the parking brake and further secure the vehicle as required

Set the parking brake firmly when parking; otherwise, the vehicle could roll. On steep upward and downward inclines, further secure the vehicle, for example, by turning the steering wheel in the direction of the curb.◄

Manual transmission

1. With the vehicle at a standstill, press the Start/Stop button.

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2. Shift into first gear or reverse.
3. Set the parking brake.
4. Remove the remote control from the ignition lock, refer to page 44.

Automatic transmission

1. With the car at a standstill, move the selector lever to position P.
2. Press the Start/Stop button.
3. Set the parking brake.
4. Remove the remote control from the ignition lock, refer to page 44.

7-gear sport automatic transmission with dual clutch

1. Engage transmission position P with the vehicle stopped.
2. Press the Start/Stop button.
3. Set the parking brake.
4. Remove the remote control from the ignition lock, refer to page 44.

Parking brake

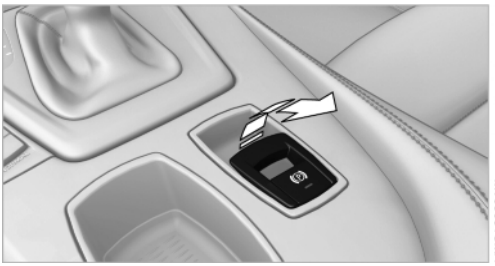
The concept

Your vehicle is equipped with an electromechanical parking brake that can be set and released by using a button.

The parking brake is primarily used to prevent the vehicle from rolling when it is parked.

When the vehicle is stationary, the parking brake acts on the rear wheels via an electromechanical mechanism. When the vehicle is rolling or being driven, the parking brake acts on the disc brakes of the front and rear wheels via the hydraulic brake system.

Setting



Pull the button. The parking brake is set.

PARK The indicator lamp in the instrument cluster and the LED on the button light up red. The parking brake is set.

(P) Indicator lamp in Canadian models.

To set the parking brake, the remote control does not need to be in the ignition lock.

While driving

If exceptional circumstances should make it necessary to engage the parking brake while the vehicle is in motion, pull the button for an extended period: the vehicle brakes forcefully while the button is being pulled.

PARK The indicator lamp in the instrument cluster lights up red, a sound is issued and the brake lights light up.

(P) Indicator lamp in Canadian models.

When the vehicle is braked almost to a halt, approx. 2 mph/3 km/h, the parking brake remains set.

Releasing

Take the remote control with you

Take the remote control with you when leaving the vehicle so that children, for example, cannot release the parking brake.◀

The parking brake can only be released while the ignition is switched on or the engine is running.

With manual transmission

Press the button of the parking brake. Depress the brake and clutch pedals while doing so.

With automatic transmission or 7-gear sport automatic transmission with dual clutch

Press the parking brake button while the brake is depressed or transmission position P is engaged.

Indicator lamps

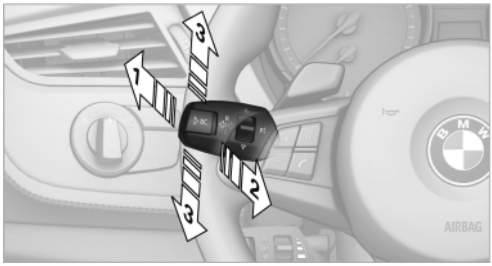
PARK The indicator lamp in the instrument cluster goes out.

(P) Indicator lamp in Canadian models.

Malfunction

In the event of a failure or malfunction of the parking brake, secure the vehicle against rolling using a wheel chock, for example, if you leave the vehicle.

Turn signals/ headlamp flasher



1 High beams

2 Headlamp flasher

3 Turn signal

Using turn signals

Press the lever beyond the resistance point.

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

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

Indicating a turn briefly

Press the lever to the resistance point and hold it there for as long as you want the turn signal to flash.

Triple turn signal activation

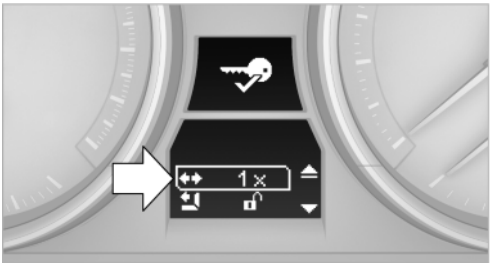
Press the lever to the resistance point. The turn signal flash once.

You can be set whether the turn signal should flash once or three times when activated.

1. Switch on the ignition, refer to page 44.
2. Lightly push button 1 in the turn indicator lever up or down repeatedly until the symbol

appears in the display, accompanied by the word "SET".

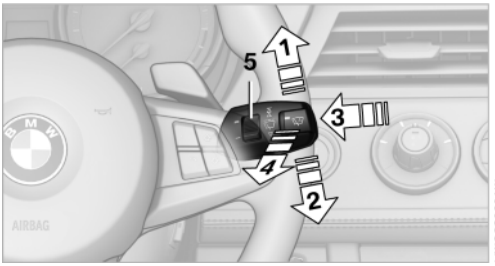
3. Press button 2.
4. Lightly push button 1 in the turn indicator lever down repeatedly until the symbol appears in the display.



5. Press button 2.
6. Use button 1 to select one of the following:
   - ▷ 1 x Turn signal flashes once.
   - ▷ 3 x Triple turn signal.
7. Press button 2. The setting is stored for the remote control currently in use.

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

Washer/wiper system



1 Switching on wipers

2 Switching off wipers or brief wipe

3 Activating/deactivating intermittent wipe or the rain sensor*

4 Cleaning the windshield and headlamps

5 Setting speed for intermittent wipe or sensitivity of the rain sensor

Switching on wipers

Press the lever upward, arrow 1.

The lever automatically returns to its initial position when released.

Normal wiper speed

Press once.

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

Fast wiper speed

Press twice or press beyond the resistance point.

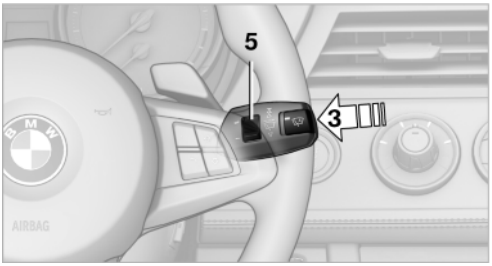
The system switches to normal speed when the vehicle is stationary.

Intermittent wipe or rain sensor*

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

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

Activating intermittent wipe or rain sensor



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

Setting speed for intermittent wipe or sensitivity of the rain sensor

Turn thumbwheel 5 up or down.

Deactivating intermittent wipe or rain sensor

Press the button again, arrow 3.

The LED goes out.

Deactivate the rain sensor in car washes

Deactivate the rain sensor when passing through an automatic car wash; otherwise, damage could be caused by undesired wiper activation.◄

Cleaning the windshield and headlamps*

Pull the lever, arrow 4.

The system sprays washer fluid on the windshield and activates the wipers briefly.

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

Do not use the washer system at freezing temperatures

Do not use the washers if there is any danger that the fluid will freeze on the windshield; otherwise, your vision could be obscured. For this reason, use antifreeze.

Avoid using the washer when the reservoir is empty; otherwise, you could damage the pump.◄

Windshield washer nozzles

The windshield washer nozzles are heated automatically while the engine is running or the ignition is switched on.

Washer fluid

General information

Antifreeze for washer fluid

Antifreeze is flammable. Therefore, keep it away from sources of ignition.

Only keep it in the closed original container and inaccessible to children.

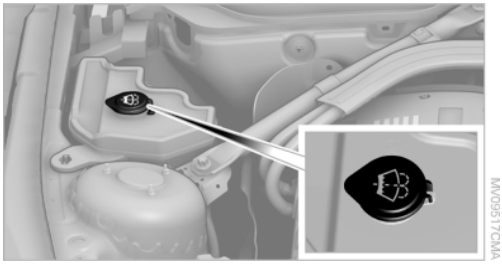
Follow the instructions on the container.◄

Washer fluid reservoir

Adding washer fluid

Only add washer fluid when the engine is cool, and then close the cover completely to avoid contact between the washer fluid and hot engine parts.

Otherwise, there is the danger of fire and a risk to personal safety if the fluid is spilled.◄



All washer nozzles are supplied from one reservoir.

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

Mix the washer fluid before adding to maintain the correct mixing ratio.

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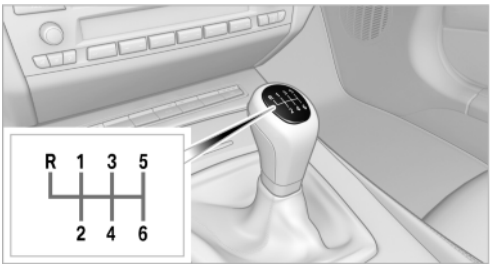
Capacity

Approx. 6.3 US quarts/6 liters.

Manual transmission



Pay attention to the shift plane

When shifting into 5th or 6th gear, push the gearshift lever to the right; otherwise inadvertent shifting into the 3rd or 4th gear could lead to engine damage.◄

Reverse gear

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

Automatic transmission with Steptronic*

In addition to the fully automatic mode, you can also shift gears manually using Steptronic, refer to page 51.

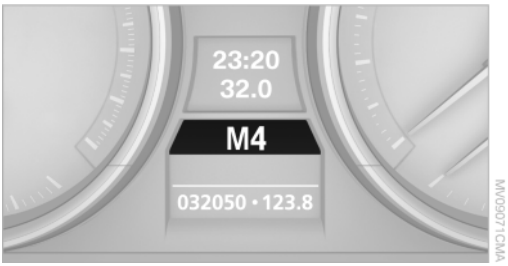
Disengaging the remote control

To remove the remote control from the ignition lock, first move the selector lever to position P and switch off the engine: interlock. Remove the remote control from the ignition lock, refer to page 44.

Selector lever positions

P R N D M/S + –

Displays in the instrument cluster



P R N D DS M1 to M6

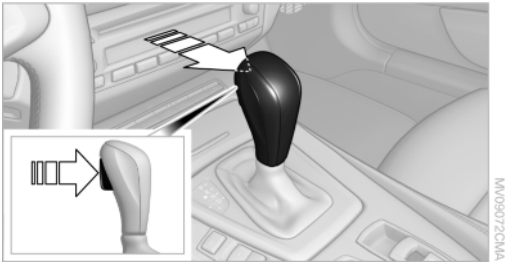
The selector lever position is displayed, or the current gear in the manual mode.

Changing selector lever positions

- With the ignition switched on or the engine running, the selector lever can be moved out of position P
- When the vehicle is stationary, step on the brake before shifting out of P or N; otherwise, the selector lever is locked: shiftlock.

Press on the brake pedal until you start driving

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



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

P Park

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

R is Reverse

Select only when the vehicle is stationary.

N is Neutral

Use in automatic car washes, for example. The vehicle can roll.

D Drive, automatic position

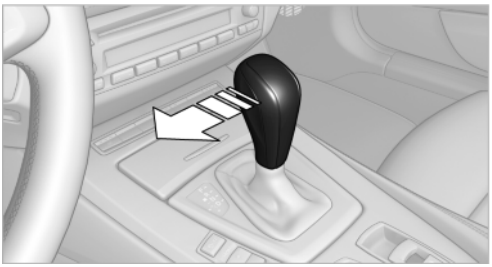
Position for normal vehicle operation. All forward gears are selected automatically.

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

Kickdown

Kickdown is used to achieve maximum driving performance. Press the accelerator pedal beyond the full-throttle resistance point.

Sport program and manual mode M/S



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

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

To deactivate the sport program or manual mode M/S, move the selector lever to the right into position D.

Shifting gears via the selector lever

When you press the selector lever forwards or backwards, the manual mode is activated and Steptronic changes gear. The instrument panel shows M1 through M6.

The vehicle only shifts up or down at appropriate engine and road speeds, e.g., it does not shift down if the engine speed is too high. The selected gear is briefly displayed in the instrument panel, followed by the current gear.

Shifting gears using the shift paddles* on the steering wheel

The shift paddles allow you to shift gears without taking your hands off the steering wheel.

- When the shift paddles on the steering wheel are used to shift gears while in automatic mode, the transmission switches to manual mode.
- If the shift paddles are not used to accelerate or shift gears for a certain amount of time, the transmission switches back to automatic mode.

If the selector lever is in the M/S gear plane, manual mode remains active.

- To shift up: press one of the shift paddles back, arrow 1.
- To shift down: press one of the shift paddles forward, arrow 2.

The vehicle only shifts up or down at appropriate engine and road speeds, e.g., it does not shift down if the engine speed is too high. The selected gear is briefly displayed in the instrument panel, followed by the current gear.

Overriding selector lever lock

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

1. Unclip the sleeve of the selector lever.

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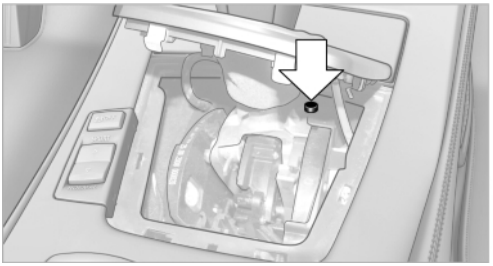
2. Pull the sleeve up over the selector lever until the sleeve is inside out.



3. Using the screwdriver from the onboard vehicle tool kit, refer to page 127, press the red lever while moving the selector lever to the desired position.

7-gear sport automatic transmission with dual clutch*

The concept

This transmission is an automated manual transmission with two clutches and two gearbox components in which the gears are changed without loss of torque.

The transmission is operated using the selector lever and two shift paddles on the steering wheel.

Functions:

- Choice of manual or automatic operation: manual mode or drive mode.
- Automatic downshifting and protection against selecting the wrong gear, even in manual mode.
- Acceleration assistant, Launch Control, refer to page 54.
- Automatic throttle blip.

System limits

This transmission is equipped with an overheating protection system that protects the clutches against extremely high loads.

The indicator lamp lights up yellow if the transmission becomes too warm. Avoid high engine loads and driving off frequently.

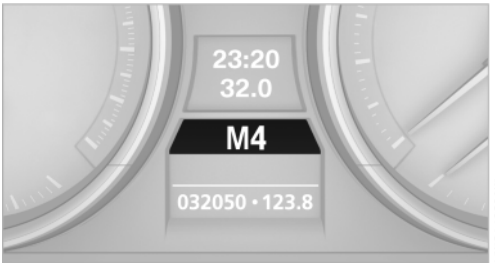
If the transmission overheats, the indicator lamp lights up red and power flow to the engine is interrupted. You can only continue driving after the transmission has cooled down.

Avoid driving off frequently with high acceleration and do not hold the vehicle on inclines by depressing the accelerator lightly; otherwise, the transmission may overheat.

Transmission positions

P R N D M/S + –

Displays in the instrument cluster



P, R, N, D1 to D7, S1 to S7, M1 to M7

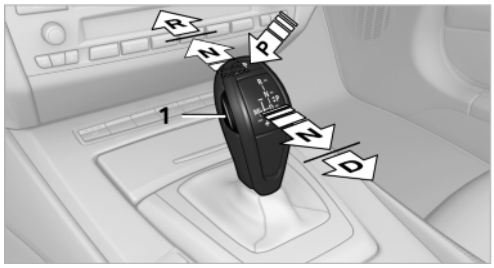
The transmission position and the gear currently engaged are displayed.

Engaging transmission positions N, D, R

- Transmission position P can only be disengaged if the engine is running.
- Before moving the lever away from P or N with the vehicle stationary, depress the brake; otherwise, the transmission will not shift.

Press on the brake pedal until you start driving

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



Briefly push the selector lever in the desired direction, beyond a resistance point if necessary. When shifting out of P or into R, press button 1 at the same time.

The engaged transmission position is also displayed on the selector lever.

When you release the selector lever, it returns to its center position.

N Neutral

The vehicle can roll.

N remains engaged after the engine is switched off if the remote control remains in the ignition lock. This function can be used in an automatic car wash, for example. P is automatically engaged after approx. 30 minutes.

D drive mode

In drive mode, all forward gears are shifted automatically.

R is Reverse

Select only when the vehicle is stationary.

Engaging transmission position P

Select only when the vehicle is stationary.

Press button P.

P Park

The rear wheels are locked.

P is engaged automatically when the following conditions are met:

- The driver's door is opened while the engine is running, the safety belt is not fastened and neither the brake pedal nor the accelerator is activated.
- The engine is switched off unless N is engaged and the remote control is in the ignition lock.
- The remote control is removed from the ignition lock, refer to page 44.

Kickdown

Kickdown is used to achieve maximum driving performance. Press the accelerator past the resistance point.

Sport program and manual mode M/S

Move the selector lever from position D toward the left:

The Sport program is activated.

Sport program

S1 through S7 is displayed in the instrument cluster. This position is recommended for a performance-oriented driving style.

Manual mode

When you press the selector lever forward or backward, or when you press the shift paddles, manual mode is activated and the gear is changed.

M1 through M7 are displayed in the instrument cluster.

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The transmission provides assistance in the following situations:

- Upshifts and downshifts are executed only when they will result in a plausible combination of engine and vehicle speed; thus, for example, a downshift that would cause the engine to overrev will not be executed by the system.
- When the vehicle stops, the transmission automatically shifts down to first gear.
- Shortly before the vehicle slows down to below the minimum speed of the gear currently engaged, the transmission automatically shifts down without requiring your intervention.

Shifting down rapidly: even in manual mode, you can skip several gears to achieve optimal acceleration. Do so by pressing the accelerator past the resistance point.

Changing to drive mode

Push the selector lever to the right.

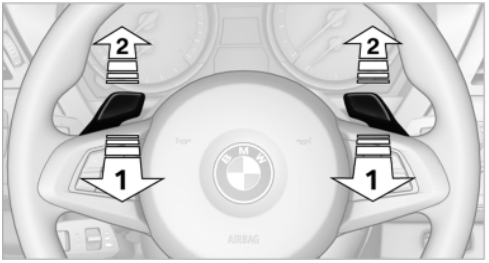
Shifting gears via the selector lever

In manual mode:

- To shift up, pull back the selector lever.
- To shift down, push it forward.

Shifting gears using the shift paddles* on the steering wheel

The shift paddles allow you to shift gears without taking your hands off the steering wheel. You do not need to raise your foot from the accelerator when doing so.



- To shift up: press one of the shift paddles back, arrow 1.
- To shift down: press one of the shift paddles forward, arrow 2.

Gears can be shifted using the shift paddles in drive mode or in manual mode.

Gear change in manual mode

When manual mode is active, refer to page 53, gears can be changed using the shift paddles or the selector lever.

Gear change in drive mode

The shift paddles can be used to change gears in drive mode as well.

Afterwards, if the shift paddles are not used for some time and vehicle acceleration is insufficient, the forward gears are changed again automatically.

Launch Control

Launch Control enables you to drive off with an optimal vehicle acceleration on a high grip road surface.

Do not use Launch Control too often

Do not use Launch Control too often, as the higher loads on the vehicle lead to premature component wear.◄

Launch Control is available when the engine is at operating temperature, i.e., after driving continuously for at least 6 miles/10 km.

1. With the engine running, depress the brake pedal with your left foot.
2. Activate the SPORT+ program of the Dynamic Driving Control, refer to page 78.
3. With the vehicle stationary, activate manual mode and select first gear.
4. Press the accelerator all the way down. The engine speed when driving off is controlled. A flag symbol appears in the instrument cluster.
5. The vehicle accelerates when you release the brake pedal. Keep the accelerator pressed all the way down.

6. The transmission shifts up automatically as long as the accelerator is pressed all the way down.

Launch Control only becomes available again after a certain distance has been driven.

Launch Control can only be used after the break-in phase, refer to page 102.

To maintain driving stability, activate DSC whenever possible.

Manually releasing and engaging the transmission lock

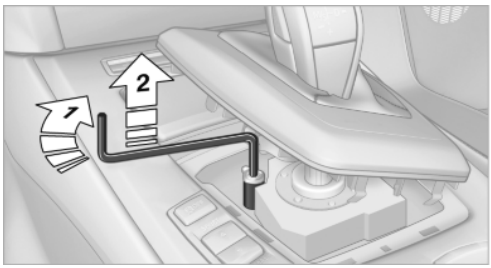
If a power failure occurs, e.g., if the battery is discharged or disconnected, the transmission lock must be released manually, otherwise the rear wheels are blocked and the vehicle cannot be towed.

Release the transmission lock manually for towing only and set the parking brake beforehand to prevent the vehicle from rolling. After parking the vehicle, engage the transmission lock again manually, refer to page 56.

Manual release

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

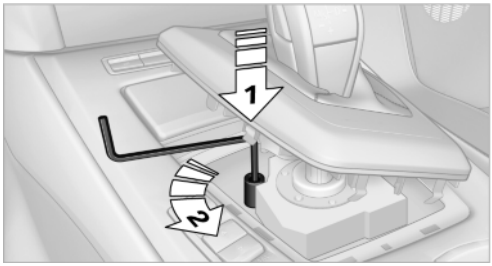
3. Insert the Allen wrench from the onboard vehicle tool kit, refer to page 127, into the cap.



4. Turn the cap with the Allen wrench, arrow 1, and remove it, arrow 2.
5. Insert the Allen wrench into the opening, arrow 1.

Turn the Allen wrench in the correct direction.

Do not turn the Allen wrench in the opposite direction as this may damage the mechanism.◄



6. Turn the Allen wrench as far as it will go, arrow 2. The transmission lock is released.
7. Draw the Allen wrench out of the opening.

Locking the transmission lock again

After parking the vehicle, lock the transmission lock again to prevent the vehicle from rolling.◄

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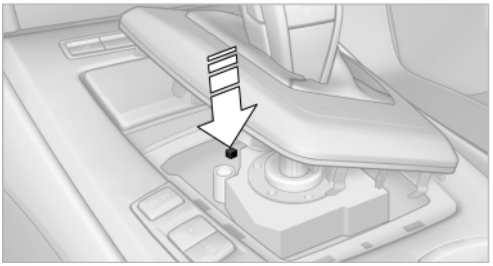
Locking manually

1. Press the button, see arrow. The transmission lock is locked again.



2. Clip the sleeve of the selector lever back in place.
3. Set the parking brake.

Jump-starting, refer to page 133, towing, refer to page 134.

Displays

Odometer, outside temperature display, clock

1 Knob in the instrument cluster

2 Outside temperature display and clock

3 Odometer and trip odometer

Knob in the instrument cluster

- To reset the trip odometer while the ignition is switched on.
- To display the time, external temperature and odometer briefly while the ignition is switched off.

Units of measure

To set the respective units of measure, miles or km for the odometer and °C or °F for the external temperature, refer to page 60.

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

Time, outside temperature display

Set the time, refer to page 61.

External temperature warning

If the display drops to 37 °F/3 °C, a signal sounds and a warning lamp lights up. There is the increased danger of ice.

Ice on roads

Even at temperatures above +37 °F/+3 °C, there can be a risk of ice on roads.

Therefore, drive carefully on bridges and shady roads, for example, to avoid the increased danger of an accident.◂

Odometer and trip odometer

Resetting trip odometer:

With the ignition switched on, press button 1 in the instrument cluster.

When the vehicle is parked

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

Press button 1 in the instrument cluster.

Tachometer

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

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Coolant temperature

A warning lamp will come on if the coolant, and therefore the engine, becomes too hot.

Check the coolant level, refer to page 124.

Engine oil temperature*

MV09098CMA

- Cold engine: the pointer is at the low temperature end. Drive at moderate engine and vehicle speeds.
- Normal operating temperature: the pointer is in the middle of the temperature display.
- Hot engine: the pointer is at the high temperature end. Switch off the engine immediately and allow it to cool down.

If the engine oil temperature is too high, a warning lamp comes on in the instrument cluster.

Check the oil level, refer to page 122.

Fuel gauge

MV09099CMA

Fuel capacity: approx. 14.5 US gallons/55 liters.

The vehicle inclination may cause the display to vary.

Notes on refueling, refer to page 110.

Reserve

After the reserve range is reached:

- The indicator lamp is displayed briefly.
- The remaining range is shown on the computer.

Below a range of approx. 30 miles/50 km, the indicator lamp is displayed continuously.

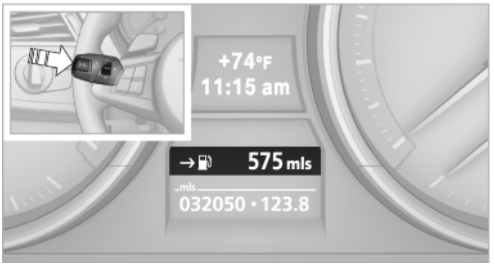
Refuel below 30 miles/50 km

Refuel below a range of 30 miles/50 km; otherwise, engine functions are not ensured and damage may occur.◄

Computer

Displays in the instrument cluster

Calling up information



MV10033CMA

Press the button in the turn indicator lever.

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

- Range.
- Average speed.
- Average fuel consumption.
- Current fuel consumption*
- No information.

To set the corresponding units of measure, formats and units of measure, refer to page 60.

Range

Displays the estimated cruising range available with the remaining fuel. The range is calculated based on your driving style over the last 18 miles/30 km and the current fuel supply.

Refuel below 30 miles/50 km

Refuel below a range of 30 miles/50 km; otherwise, engine functions are not ensured and damage may occur.◄

Average speed

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 button on the turn indicator 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 consumption: press the button on the turn indicator lever for approx. 2 seconds.

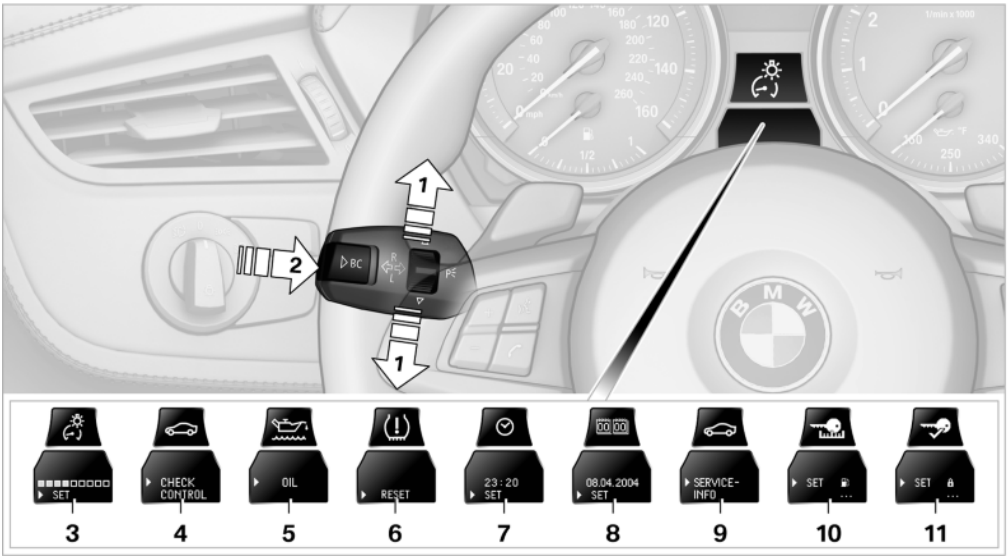
Current fuel consumption

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

Settings and information

Operating concept

Certain settings and information can only be called up when the ignition is switched on. A number of settings cannot be made while driving.



1 Button for:
- ▷ Selecting the display
- ▷ Setting values

2 Button for:
- ▷ Confirming selected display or set values
- ▷ Calling up computer information 58

3 With the lights switched on: dimming the instrument lighting 68

4 Calling up Check Control 63
5 Checking the engine oil level 122
6 Initializing the Flat Tire Monitor 72
Resetting the Tire Pressure Monitor 73.
7 Setting the time 61
8 Setting the date 61
9 Viewing service requirement display 62
10 Setting formats and units of measure, resetting to factory settings 60
11 Changing settings
- Confirmation signals when locking and unlocking the vehicle 23
- Response during unlocking procedure 22
- Automatic locking 25
- Headlamp courtesy delay feature 65
- Daytime running lights 66
- Triple turn signal activation 47
- Seat memory* 38

Exiting displays

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

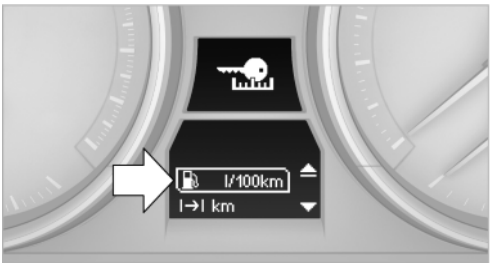
Formats and units of measure

You can set formats and units of measure.

1. Switch on the ignition, refer to page 44.
2. Lightly push button 1 in the turn indicator lever up or down repeatedly until the symbol appears in the display, accompanied by the word "SET".

MV10036CMA

3. Press button 2.
4. Use button 1 to select desired format or desired unit of measure, e.g., for fuel consumption.
- Fuel consumption: l/100 km, mpg, km/l
- |→| Distance: km, mls
- Time: 12h, 24h
- Date: day.month dd.mm, month/day mm/dd
- Temperature: °C, °F



MV09107CMA

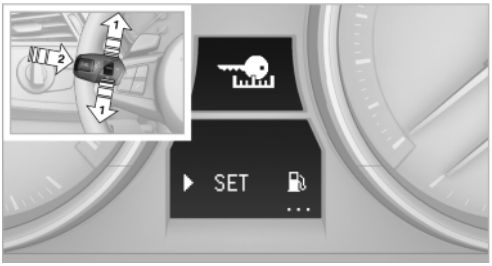
5. Press button 2.
6. Use button 1 to make the setting.
7. Press button 2. The setting is stored for the remote control currently in use.

Resetting to factory settings

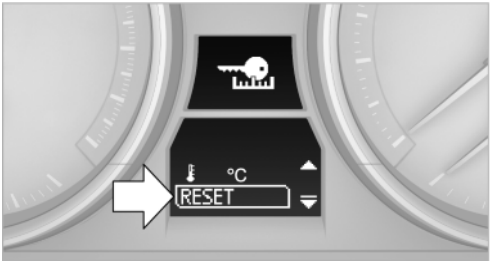
You can reset the settings for formats and units of measure to factory settings.

1. Lightly push button 1 in the turn indicator lever up or down repeatedly until the symbol

appears in the display, accompanied by the word "SET".



2. Press button 2.
3. Use button 1 to select "RESET".

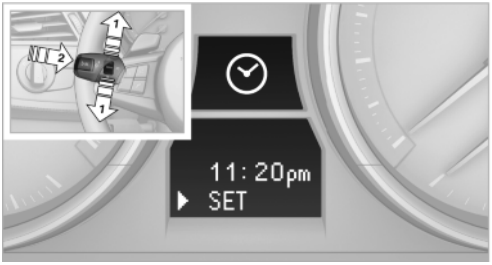


4. Press button 2 until ✓ is displayed. The settings are reset. The setting is stored for the remote control currently in use.

Clock

Setting the time

To set the 12h/24h format, Formats and units of measure, refer to page 60.



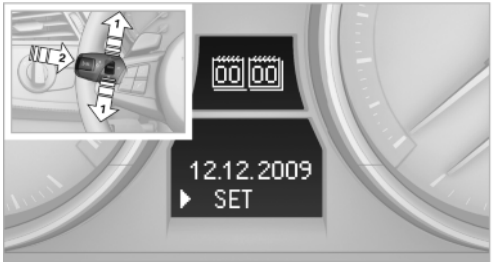
1. Press button 1 in the turn indicator lever up or down repeatedly until the appropriate symbol appears in the display, accompanied by the time and the word "SET".
2. Press button 2.
3. Use button 1 to set the hours.
4. Press button 2 to confirm the entry.
5. Use button 1 to set the minutes.
6. Press button 2 to confirm the entry.
7. Press button 2.

   The system accepts the new time.

Date

Setting the date

To set the dd/mm or mm/dd date format, formats and units of measure, refer to page 60.



1. Push button 1 in the turn indicator lever up or down repeatedly until the appropriate symbol appears in the display, accompanied by the date and the word "SET".
2. Press button 2.
3. Use button 1 to set the day of the month.
4. Press button 2 to confirm the entry.
5. Set the month and the year in the same way.
6. Press button 2.

   The system stores the new date.

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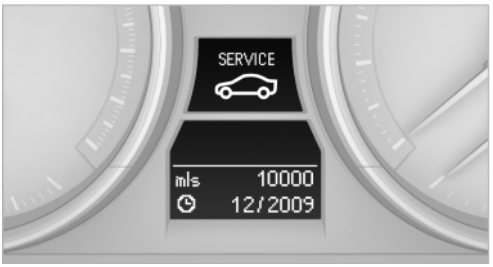
Service requirements

Display

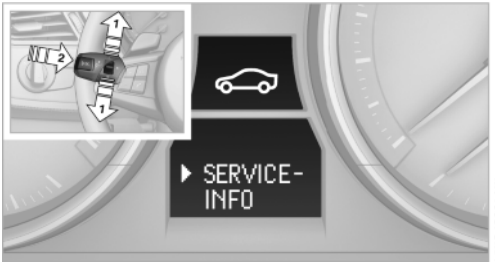


MV09112CMA

The remaining driving distance and the date of the next maintenance are displayed briefly after the ignition is switched on.

The current service requirements can be read out from the remote control by the service specialist.

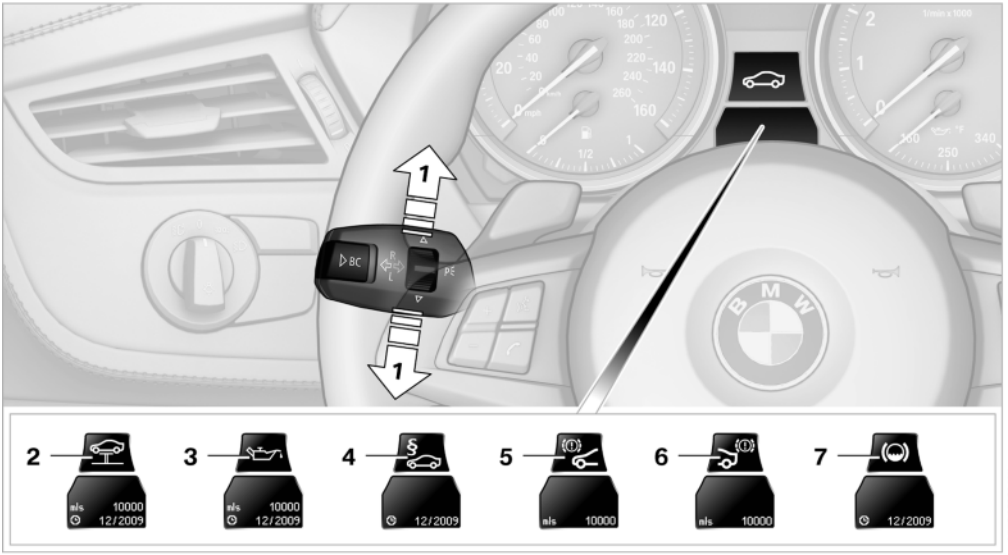
The remaining driving distance or the due date can be displayed individually for certain maintenance procedures.



MV10037CMA

1. Switch on the ignition.
2. Press button 1 in the turn indicator lever up or down repeatedly until the appropriate symbol appears in the display, accompanied by the words "SERVICE INFO".
3. Press button 2.
4. Use button 1 to scroll through the individual service items.

Possible displays



MV10039CMA

1 Button for selecting functions
2 Service requirements
3 Engine oil
4 Roadworthiness test*
5 Front brake pads

6 Rear brake pads
7 Brake fluid

The sequence of displayed service items may vary. The data for the next service appointment is shown first.

Check Control

The concept

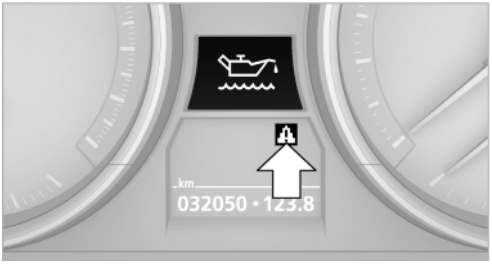
The Check Control monitors vehicle functions and alerts you to any malfunctions in the systems monitored.

Such Check Control messages involve indicator or warning lamps in the instrument cluster and, in some circumstances, an acoustic signal.

Indicator/warning lamps

MV09119CMA

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



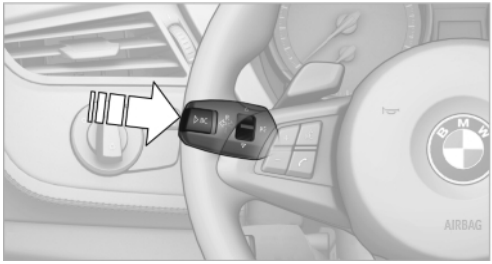
MV09120CMA

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

What to do in case of a malfunction

The meaning of each lamp in the event of a malfunction and tips on how to respond are provided in the list, refer to page 142.

Hiding Check Control messages



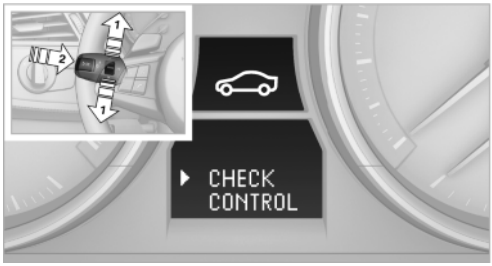
MV11004CMA

Press the button in the turn indicator lever.

Some Check Control messages are displayed until the malfunctions have been rectified. They cannot be hidden. If several malfunctions occur at the same time, they are displayed in succession.

Other messages are automatically hidden after approx. 20 seconds, but are kept in memory.

Viewing stored Check Control messages



MV11004CMA

1. Press button 1 in the turn indicator lever up or down repeatedly until the appropriate symbol appears in the display, accompanied by the words "CHECK CONTROL".
2. Press button 2. If there is no Check Control message, this is indicated by "CHECK OK".

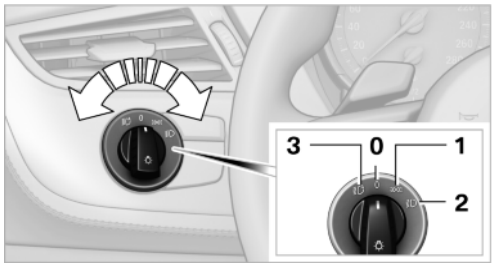
If a Check Control message has been stored, the corresponding lamp comes on.

3. Push button 1 to check for other messages.
4. Press button 2.

   The display again shows the outside temperature and the time.

Lamps

At a glance



0 Lamps off

Daytime running lights

1 Parking lamps and low beams

2 Low-beam headlamps and welcome lamps

3 Automatic headlamp control*, daytime running lights, welcome lamps, High-beam Assistant*, and adaptive light control*

When you open the driver's door with the ignition switched off, the exterior lighting is automatically switched off if the light switch is in position 0, 2, or 3.

Switch on the parking lamps if necessary, switch position 1.

Parking lamps/low beams, headlamp control

Parking lamps

Switch position : the vehicle lamps light up on all sides, e.g., for parking.

Do not use the parking lamps for extended periods; otherwise, the battery may become discharged and it would then be impossible to start the engine.

When parking, it is preferable to switch on the one-sided roadside parking lamps, refer to page 67.

Low beams

Switch position with the ignition switched on: the low beams light up.

Welcome lamps

When parking the vehicle, leave the switch in position or : the parking and interior lamps light up briefly when the vehicle is unlocked.

Headlamp courtesy delay feature

The low beams stay lit for a short while after the ignition is switched off, if the lamps are switched off and the headlamp flasher is switched on.

Setting the duration

Operating principle, refer to page 59.

1. Switch on the ignition.
2. Lightly push button 1 in the turn indicator lever up or down repeatedly until the symbol appears in the display, accompanied by the word "SET".

3. Press button 2.

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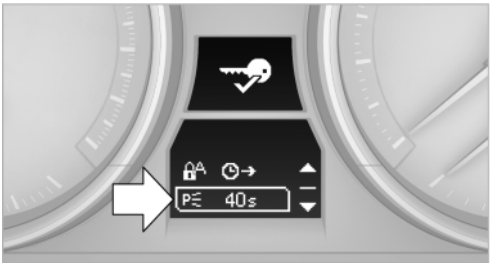
4. Lightly push button 1 in the turn indicator lever down repeatedly until the symbol appears in the display.



MV09139CMA

5. Press button 2.
6. Use button 1 to select one of the following:
   - ▷ 0 s The function is deactivated.
   - ▷ 10 s ... 240 s Select the corresponding duration, 40 seconds, for instance.
7. Press button 2.

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

Automatic headlamp control

Switch position AUTO: the low beams are switched on and off automatically depending on the ambient light, e.g., in tunnels, in twilight or if there is precipitation. The LED next to the symbol lights up.

A blue sky with the sun low on the horizon can cause the lights to be switched on.

Personal responsibility

The automatic headlamp control cannot serve as a substitute for your personal judgment in determining when the lamps should be switched on in response to ambient lighting conditions.

For example, the sensors are unable to detect fog or hazy weather. To avoid safety risks, you should always switch on the lamps manually under these conditions.◄

Daytime running lights

The daytime running lights light up in position 0, DRL and AUTO. After the ignition is switched off, the parking lamps light up in position DRL.

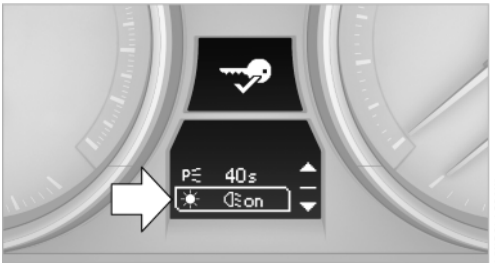
Activating/deactivating

Operating principle, refer to page 59.

1. Switch on the ignition.
2. Lightly push button 1 in the turn indicator lever up or down repeatedly until the symbol appears in the display, accompanied by the word "SET".

MV10026CMA

3. Press button 2.
4. Lightly push button 1 in the turn indicator lever up or down repeatedly until the symbol appears in the display.



MV09140CMA

5. Press button 2.
6. Use button 1 to select one of the following:
   - ▷ DRL on Daytime running lights are activated.
   - ▷ DRL off Daytime running lights are deactivated.
7. Press button 2.

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

Adaptive light control*

The concept

Adaptive light control is a variable headlamp control system that enables dynamic illumination of the road surface.

Depending on the steering angle and other parameters, the light from the headlamp follows the course of the road.

Controls

Activating

Switch position with the ignition switched on.

Auxiliary function*:

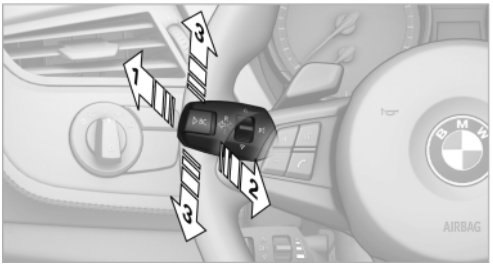
To avoid blinding oncoming traffic, the adaptive light control directs light towards the front passenger side when the vehicle is at a standstill.

When driving in reverse, only the turning lamp is active and illuminates the outside of the curve.

Malfunction

Adaptive light control is malfunctioning or has failed. Have the system checked as soon as possible.

High beams/roadside parking lamps



1 High beams

2 Headlamp flasher

3 Roadside parking lamps*

Left and right roadside parking lamps*

There is an additional option of switching on the lamps on the side of the car facing the road when parked.

Switching on

After parking the vehicle, press the lever up or down beyond the pressure point for a longer period, arrow 3.

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

Switching off

Press the lever in the opposite direction to the pressure point, arrow 3.

High-beam Assistant*

The concept

When the lights are switched on, this system automatically switches the high beams on and off. The procedure is controlled by a sensor on the front of the interior rearview mirror. The assistant ensures that the high beams are switched on whenever the traffic situation allows. The driver can intervene at any time and switch the high beams on and off as usual.

Activating the High-beam Assistant

1. Turn the light switch to .
2. With the low beams switched on, briefly push the turn indicator lever in the direction of the high beam.

The indicator lamp in the instrument cluster lights up.

When the lights are switched on, the high beams are switched on and off automatically.

The system responds to light from oncoming traffic and traffic driving ahead of you, and to adequate illumination, e.g., in towns and cities.

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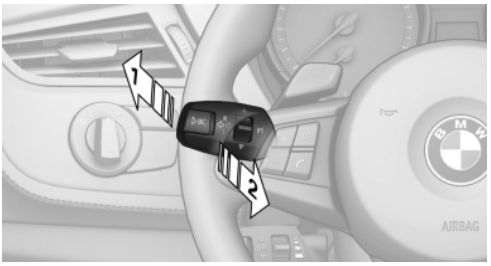
Switching the high beams on and off manually



- ▷ High beams on, arrow 1.
- ▷ High beams off/headlamp flasher, arrow 2.

To reactivate the High-beam Assistant, briefly push the turn indicator lever toward the high beams.

System limits

Personal responsibility

The High-beam Assistant cannot serve as a substitute for the driver's personal judgment of when to use the high beams. Therefore, manually switch off the high beams in situations where this is required to avoid a safety risk.◄

The system is not fully functional in situations such as the following, and driver intervention may be necessary:

- ▷ In very unfavorable weather conditions, such as fog or heavy precipitation.
- ▷ In detecting poorly-lit road users, such as pedestrians, cyclists, horseback riders and wagons; when driving close to train or ship traffic; and at animal crossings.
- ▷ In tight curves, on hilltops or in depressions, in cross traffic or half-obscured oncoming traffic on freeways.
- ▷ In poorly-lit towns and cities and in the presence of highly reflective signs.
- ▷ At low speeds.
- ▷ When the windshield in front of the interior rearview mirror is fogged over, dirty or covered with stickers, etc.

Sensor view field

The view field of the sensor is located on the front of the interior rearview mirror.

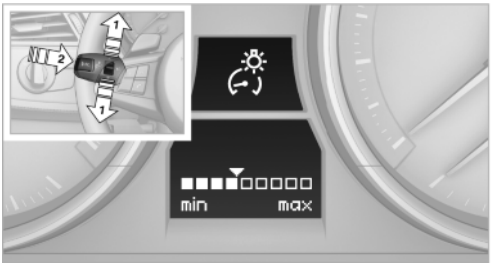
Do not cover this area with stickers, etc.

Clean the view field, refer to page 140.

Instrument lighting

The parking lamps or low beams must be switched on to adjust the brightness.

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



3. Push button 1 up or down to select the desired brightness level.
4. Press button 2.

   The display again shows the outside temperature and the time.

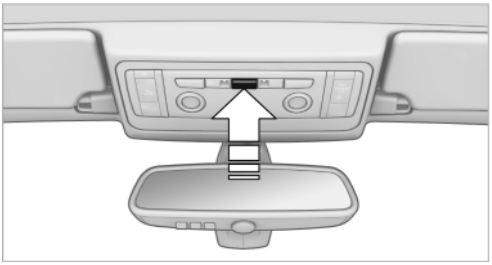
Interior lamps

The interior lamps, footwell lamps*, entry lamps*, trunk lamp, and courtesy lamps* are controlled automatically.

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

To avoid draining the battery, all lamps inside the car are switched off about 8 minutes after the ignition is switched off, Start/Stop button, refer to page 44.

Switching interior lamps on/off manually

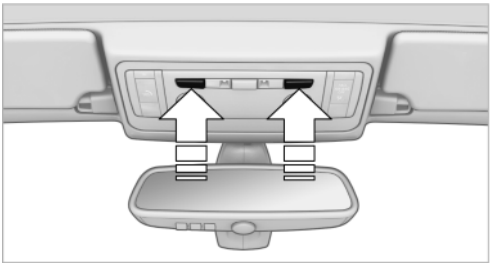


Interior lamps*:

To switch on and off, press the button.

To switch off the interior lamps, footwell lamps*, entry lamps*, and courtesy lamps* permanently, press the button for the front interior lamps for about 3 seconds.

Reading lamps



The reading lamps are located next to the interior lamp. To switch on and off, press the button.

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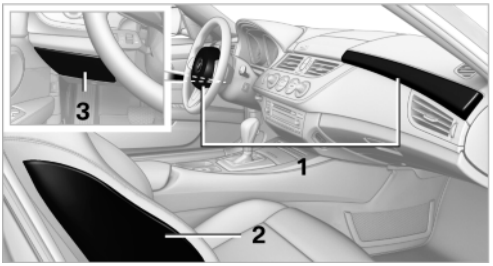
Safety

Airbags

The following airbags are located under the marked covers:



1 Front airbags

2 Side airbags in the seat backrests

3 Knee airbag

Front airbags

Front airbags help protect the driver and passenger by responding to frontal impacts in which safety belts alone cannot provide adequate restraint.

Side airbags

In a lateral impact, the side airbag protects the side of the body in the chest area.

Protective action

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

Even when all instructions are followed closely, injury from contact with the airbags cannot be ruled out in certain situations.

The ignition and inflation noise may lead to short-term and, in most cases, temporary hearing impairment in sensitive individuals.

Information on how to ensure the optimal protective effect of the airbags

- Keep at a distance from the airbags.
- Always grasp the steering wheel on the steering wheel rim, holding your hands at the 3 o'clock and 9 o'clock positions, to keep the danger of injury to your hands or arms as low as possible if the airbag is triggered.
- There should be no people, animals, or objects between an airbag and a person.
- Do not use the cover of the front airbag on the front passenger side as a storage area.
- Keep the dashboard and window on the front passenger side clear, i.e., do not cover with adhesive labels or coverings, and do not attach holders such as for navigation instruments and mobile phones.
- Make sure that the front passenger is sitting correctly, i.e., keeps his or her feet and legs in the footwell; otherwise, leg injuries can occur if the front airbag is triggered.
- Do not place slip covers, seat cushions or other objects on the front passenger seat that are not approved specifically for seats with integrated side airbags.
- Do not hang pieces of clothing, such as jackets, over the backrests.
- Make sure that passengers do not lean their heads against the side airbag; otherwise, serious injuries could result if the airbag suddenly deployed.
- Do not remove the airbag restraint system.
- Do not remove the steering wheel.
- Do not apply adhesive materials to the airbag cover panels, cover them or modify them in any way.
- Never modify either the individual components or the wiring in the airbag system. This also applies to the covers of the steering wheel, the dashboard and the seats.◂

In the case of a malfunction, deactivation and after triggering of the airbags

Do not touch the individual components immediately after the system has been triggered; otherwise, there is the danger of burns.

Only have the airbags checked, repaired or dismantled and the airbag generator scrapped by your service center or a workshop that has the necessary authorization for handling explosives.

Non-professional attempts to service the system could lead to failure in an emergency or undesired triggering of the airbag, either of which could result in injury.◄

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

Automatic deactivation of the passenger airbags

The system determines whether the front passenger seat is occupied by measuring the resistance of the human body. Front, knee and side airbags on the passenger side are activated or deactivated accordingly.

Passenger feet in the footwell

Make sure that the front passenger keeps his or her feet in the footwell; otherwise, the front passenger airbags may not function properly.◄

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

Follow the safety and operating instructions

Before transporting a child on the passenger seat, read the safety and operating instructions under Transporting children safely, refer to page 42.◄

Malfunction of the automatic deactivation system

The front, knee and side airbags can also be deactivated by adolescents and adults sitting in certain positions; the indicator lamp for the passenger airbags comes on. In this case, change the sitting position so that the front passenger airbags are activated and the indicator lamp goes out. If the desired airbag status cannot be achieved by changing the sitting position, do not transport the passenger in the vehicle.

To make sure that occupation of the seat cushion can be detected correctly:

- Do not attach seat covers, seat cushion padding, ball mats or other items to the passenger seat unless they are specifically recommended by BMW.
- Do not place objects under the seat that could press against the seat from below.

Status of passenger airbags

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

- The indicator lamp lights up when a child who is properly seated in a child restraint system intended for that purpose is detected on the seat or the seat is empty. The front, knee and side airbags for the passenger are not activated. Most child seats are detected by the system, Especially the child seats required by NHTSA at the time that the vehicle was 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 does not light up when, for example, a person of sufficient size and in a correct sitting position is detected on the seat. The front, knee and passenger airbags for the passenger are activated.

Operational readiness of airbag system

In the radio ready state and beyond, refer to page 44, the warning lamp comes on briefly to indicate that the entire airbag system and the belt tensioners are operational.

Airbag system malfunction

- Warning lamp does not light up in the radio ready state.
- Warning lamp remains permanently on.

Have the airbag system checked without delay if there is a malfunction

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

Flat Tire Monitor FTM*

The concept

The system detects a pressure loss in a tire on the basis of speed differences between the individual wheels during a trip.

In the event of pressure loss, the rolling circumference changes and, thus, the rotating speed of the affected wheel. This change is detected and is reported as a flat tire.

Functional requirements

The system must have been initialized when the tire inflation pressure was correct; otherwise, reliable signaling of a flat tire is not ensured. Initialize the system after each correction of the tire inflation pressure and after every tire or wheel change.

System limits

Sudden tire damage

Sudden serious tire damage caused by external influences cannot be indicated in advance.◄

A natural, even pressure loss in all four tires cannot be detected.

The system could be delayed or malfunction in the following situations:

- When the system has not been initialized.
- When driving on a snowy or slippery road surface.
- Sporty driving style: slip in the drive wheels, high lateral acceleration.
- When driving with snow chains.

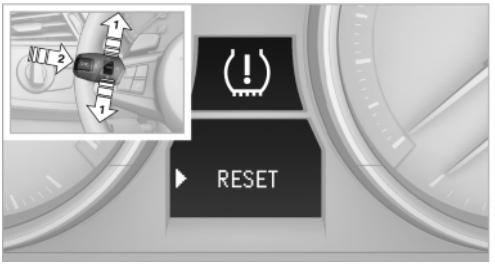
Initialization

The initialization process adopts the set inflation tire pressures as reference values for the detection of a flat tire. Initialization is started by confirming the inflation pressures.

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

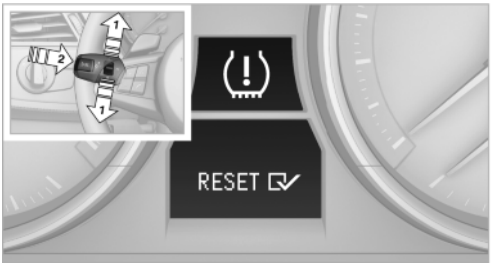
Operating principle, refer to page 59.

1. Start the engine immediately before pulling away, but do not drive off yet.
2. Lightly push button 1 in the turn indicator lever up or down repeatedly until the appropriate symbol appears in the display, accompanied by the word "RESET".



3. Press button 2 to confirm your choice of the Flat Tire Monitor.

4. Press button 2 for approx. 5 seconds until the display appears:



5. Drive away.

   Initialization is completed while the car is on the move without providing feedback.

Indication of a flat tire

The warning lamps come on in yellow and red. In addition, a signal sounds.

There is a flat tire or a major loss in tire inflation pressure.

1. Carefully reduce your speed to a maximum of 50 mph/80 km/h.

   Avoid sudden braking and steering maneuvers. Do not increase the speed again.

   Do not continue driving without run-flat tires

   Do not continue driving if the vehicle is not equipped with run-flat tires; continued driving may result in serious accidents.◂

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

   If the tire inflation pressure in all tires is correct, the Flat Tire Monitor may not have been initialized. In this case, initialize the system.

Continued driving with a flat tire

Possible driving distance with complete loss of tire inflation pressure:

- With a light load: 1 person without luggage: approx. 155 miles/250 km.
- With a medium load: 1 person, trunk full, or 2 people without luggage: approx. 94 miles/150 km.
- With a full load: 2 people, trunk full: approx. 30 miles/50 km.

If there is minor tire damage, especially on the tire tread, the distance that you can travel with the damaged tire can be extended.

After notification, inflate the damaged tire to a maximum of 43 psi/3.5 bar at the next opportunity.

Do not reinitialize the Flat Tire Monitor. The existing flat tire notification will continue to act as a reminder of the defective tire. The procedure can be repeated several times.

Continued driving with a flat tire

Drive moderately and do not exceed a speed of 50 mph/80 km/h.

A loss of tire inflation pressure results in a change in the handling characteristics, e.g., reduced lane stability during braking, a longer braking distance and altered self-steering properties.◂

Final tire failure

Vibrations or loud noises while driving can indicate the final failure of the tire. Reduce speed and stop; otherwise, pieces of the tire could come loose and cause an accident. Do not continue driving, and contact your service center.◂

Tire Pressure Monitor TPM*

The concept

TPM checks the inflation pressures of the four mounted tires. The system notifies you if there is a significant loss of pressure in one or more tires.

Functional requirement

In order to assure the reliable reporting of a flat tire, the system must be reset while all tire inflation pressures are correct.

Always use wheels with TPM electronics. Otherwise, the system may malfunction.

Reset the system after each correction of the tire inflation pressure and after every tire or wheel change.

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System limits

Sudden tire damage

Sudden serious tire damage caused by external influences cannot be indicated in advance.◄

The system does not function properly if it has not been reset, e.g., it may identify a tire as flat in spite of the fact that the tire is filled to the correct inflation pressure.

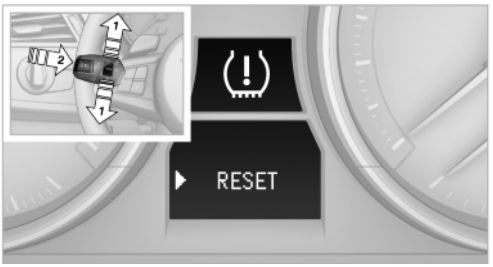
The system is deactivated and is unable to detect flat tires if a wheel not equipped with TPM electronics has been mounted, e.g., a compact wheel, or if TPM is experiencing temporary interference from other systems or devices that use the same frequency.

Resetting the system

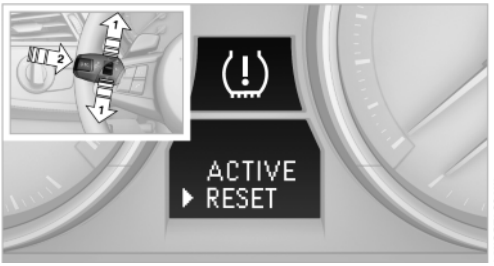
Reset the system after each correction of the tire inflation pressure and after every tire or wheel change.

Operating principle, refer to page 59.

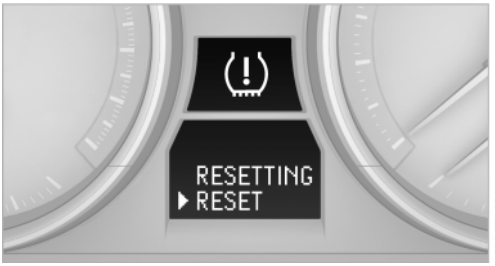
1. Start the engine, but do not start driving.
2. Lightly push button 1 in the turn indicator lever up or down repeatedly until the appropriate symbol appears in the display, accompanied by the word "RESET".



3. Press button 2 to confirm your choice of the Tire Pressure Monitor. The following display appears:



4. Press button 2 for approx. 5 seconds until the reading shown below is displayed:



5. Drive away.

   After driving a few minutes, the set inflation pressures in the tires are accepted as the target values to be monitored. The system reset is completed during your drive, and can be interrupted at any time. When driving resumes, the reset is continued automatically. The indicator lamp goes out after the system reset is completed.

Low tire pressure message

The warning lamps come on in yellow and red. In addition, a signal sounds. There is a flat tire or substantial loss of tire pressure.

1. Cautiously reduce the vehicle 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.

   Do not continue driving without run-flat tires

Do not continue driving if the vehicle is not equipped with run-flat tires; continued driving may result in serious accidents.◀

2. In the event of complete pressure loss, 0 psi/0 kPa, you can estimate the possible distance for continued driving on the basis of the following guidelines:

▷ With a light load: 1 person without luggage: approx. 155 miles/250 km

▷ With a medium load: 1 person, trunk full, or 2 people without luggage: approx. 95 miles/150 km

▷ With a full load: 2 people, trunk full: approx. 30 miles/50 km

Continued driving with a flat tire

Drive moderately and do not exceed a speed of 50 mph/80 km/h.

A loss of tire inflation pressure results in a change in the handling characteristics, e.g., reduced lane stability during braking, a longer braking distance and altered self-steering properties.◀

Final tire failure

Vibrations or loud noises while driving can indicate the final failure of the tire. Reduce speed and stop; otherwise, pieces of the tire could come loose and cause an accident. Do not continue driving, and contact your service center.◀

Message when not reset

The warning lamp lights up yellow. The system was not reset, e.g., after a wheel change.

Check the tire inflation pressure and reset the system, refer to page 74.

Malfunction

The small warning lamp flashes in yellow and then lights up continuously; the larger warning lamp comes on in yellow. No flat tire can be detected.

This type of message is shown in the following situations:

▷ If there is a malfunction Have the system checked.

▷ If a wheel without TPM electronics has been mounted

▷ If TPM is temporarily malfunctioning due to other systems or devices using the same radio frequency.

Erklärung laut 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, that illuminates a low tire pressure telltale when one or more of your tires are significantly under-inflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability. Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale 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

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replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale 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.

Brake force display*

The concept

- During normal brake application, the outer brake lamps light up.
- During heavy brake application, the lower brake lamps light up in addition.

The brake force display is automatically activated if the turn signal is not flashing.

Driving stability control systems

Antilock Brake System ABS

ABS prevents locking of the wheels during braking.

The vehicle remains steerable even during full brake applications, thus increasing active safety.

ABS is operational every time you start the engine.

Electronic brake-force distribution

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

Dynamic Brake Control DBC

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

Do not reduce the pressure on the brake pedal for the duration of the full braking.

Dynamic Stability Control DSC

The concept

DSC prevents traction loss in the driving wheels when driving away and accelerating.

DSC also recognizes unstable vehicle conditions, such as fishtailing or nose-diving. Subject to physical limits, DSC helps to keep the vehicle on a steady course by reducing engine speed and by applying brakes at individual wheels.

Adjust your driving style to the situation

An appropriate driving style is always the responsibility of the driver.

The laws of physics cannot be repealed, even with DSC.

Therefore, do not reduce the additional safety margin by driving in a risky manner.◄

Deactivating/activating the DSC OFF program

The program can be deactivated/activated via Dynamic Driving Control, refer to page 78.

For better control

The indicator lamp flashes: DSC controls the drive forces and brake forces. The indicator lamp lights up: DSC has failed.

Dynamic Traction Control DTC

The concept

The DTC system and the TRACTION program are a variant of the DSC in which forward momentum is optimized.

The system ensures maximum forward momentum on special road conditions, e.g., unplowed snowy roads, but driving stability is limited.

It is therefore necessary to drive with appropriate caution.

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

- When driving in slush or on uncleared, snow-covered roads.
- When rocking the vehicle or driving off in deep snow or on loose surfaces.
- When driving with snow chains.

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Deactivating/activating Dynamic Traction Control DTC

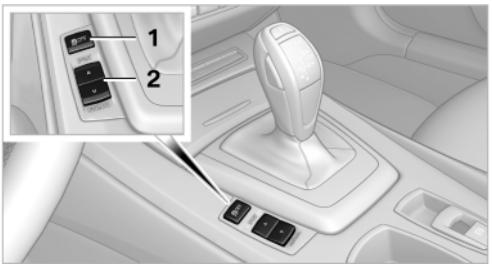
The system and program can be deactivated/activated via Dynamic Driving Control, refer to page 78.

Dynamic Driving Control

The concept

Dynamic Driving Control can be used to adjust the driving dynamics of the vehicle. Several programs are available for this purpose; they can be activated using the two Dynamic Driving Control buttons.

Operating the programs



MV092119CMA

Press the button	Program
OFF	DSC OFF TRACTION
SPORT NORMAL	SPORT+ SPORT NORMAL

DSC OFF

MV091124CMA

Driving stability is limited during acceleration and when driving in bends.

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

Activating DSC OFF

OFF Press and hold the button, but not longer than approx. 10 seconds, until the indicator lamp for the DSC lights up in the instrument cluster and DSC OFF is displayed in the instrument cluster.

The DSC system is switched off.

Deactivating DSC OFF

OFF Press the button.

DSC OFF and the DSC indicator lamp go out.

Indicator/warning lamps

When DSC is deactivated, DSC OFF is displayed in the instrument cluster.

OFF The indicator lamp lights up: DSC is deactivated.

TRACTION

Maximum traction on loose road surfaces. Dynamic Traction Control DTC is switched on. Driving stability is limited during acceleration and when driving in bends.

Activating TRACTION

OFF Press the button.

TRACTION is displayed in the instrument cluster.

The DSC indicator lamp in the instrument cluster lights up.

Deactivating TRACTION

Press the button again.

TRACTION and the DSC indicator lamp go out.

Indicator/warning lamps

When DTC is activated, TRACTION is displayed in the instrument cluster.

The indicator lamp lights up: Dynamic Traction Control DTC is activated.

SPORT+

Sporty driving with optimized chassis and suspension during limited driving stabilization.

Dynamic Traction Control is switched on.

The driver handles several of the stabilization tasks.

Activating SPORT+

Press the button repeatedly until SPORT+ and the DSC indicator lamp appear in the instrument cluster.

Indicator/warning lamps

SPORT+ is displayed in the instrument cluster.

The indicator lamp lights up: Dynamic Traction Control DTC is activated.

SPORT

Consistently sporty tuning of the suspension for greater driving agility with maximum driving stabilization.

Activating SPORT

Press the button repeatedly until SPORT+ appears in the instrument cluster.

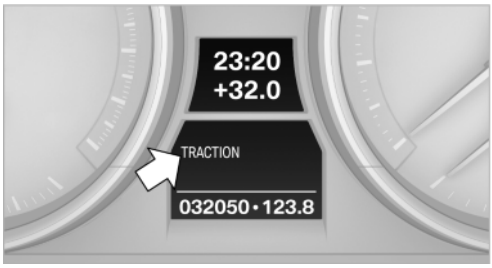
NORMAL

For a balanced tuning with maximum driving stabilization.

Activating NORMAL

Press the button repeatedly until the program display disappears in the instrument cluster.

Displays in the instrument cluster



The selected program is displayed in the instrument cluster.

Drive-off assistant

This system supports driving away on gradients. The parking brake is not required.

1. Hold the vehicle in place with the foot brake.
2. Release the foot brake and drive away without delay.

After the foot brake is released, the vehicle is held in place for approx. 2 seconds.

Depending on the vehicle load, the vehicle may roll back slightly.

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Driving off without delay

After releasing the foot brake, start driving without delay, since the drive-off assistant will not hold the vehicle in place for more than approx. 2 seconds and the vehicle will begin rolling back.◄

Servotronic*

The concept

The Servotronic varies the steering force required to turn the wheels depending on the speed at which you are driving. Power steering provides strong support at low speeds, which means that little effort is needed to turn the wheels. Power steering support lessens as your speed increases.

The system works automatically.

Malfunction

Malfunctions are displayed via Check Control, refer to page 142.

Driving comfort

Cruise control*

The concept

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

Do not use cruise control

Do not use the system if unfavorable conditions make it impossible to drive at a constant speed, for instance:

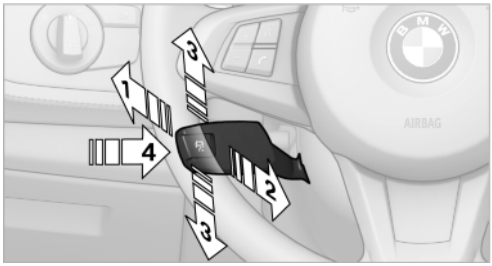
- On curvy roads.
- In heavy traffic.
- On slippery roads, in fog, snow or rain, or on a loose road surface.

Otherwise, you could lose control of the vehicle and cause an accident.◂

Manual transmission

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

One lever for all functions



1 Storing and maintaining speed or accelerating

2 Storing and maintaining speed or decelerating

3 Deactivating cruise control

4 Resuming a speed stored beforehand

Maintaining current speed

Tap the lever, arrow 1, or pull it briefly, arrow 2.

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

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

Increasing desired speed

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

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

The system stores and maintains the speed.

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Accelerating using the lever

Accelerating slightly:

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

Accelerating significantly:

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

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

Decreasing speed

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

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

The system stores and maintains the speed.

Interrupting the system

Tap the lever upwards or downwards, arrow 3.

The displays in the speedometer change color.

In addition, the system is automatically deactivated:

- When you brake the vehicle.
- When you switch gears very slowly or shift to neutral in cars with a manual transmission.
- When you engage selector lever position N in cars with an automatic transmission.
- When you engage transmission position N in 7-gear sport automatic transmissions with a dual clutch.
- When you activate the Dynamic Traction Control DTC or deactivate DSC.
- When DSC or ABS is intervening.

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

Warning lamp

The warning lamp comes on, for example, when cruise control has been deactivated as a result of DSC intervention.

Deactivating the system

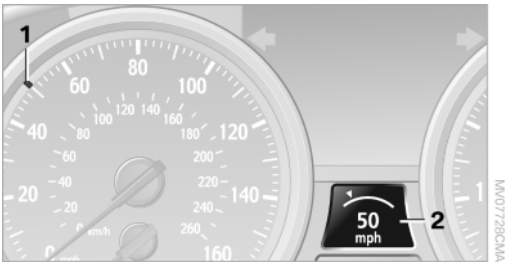
- Press the lever upward or downward twice, arrow 3.
- Switch off the ignition.

The stored speed is cleared.

Resuming a speed stored beforehand

Press the button, arrow 4. The last stored speed is resumed and maintained.

Displays in the instrument cluster



1 Stored speed

2 Selected speed is displayed briefly

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

Call up Check Control messages, refer to page 63.

Malfunction

The warning lamp comes on when the system has failed.

More information, refer to page 142.

Park Distance Control PDC*

The concept

PDC supports you when parking.

Objects in front of* or behind your vehicle that you are approaching slowly are indicated by acoustic signals.

Measurement

Measurements are made by ultrasound sensors in the bumpers.

The range is approx. 6 ft/2 m.

An acoustic warning is first given:

- By the front* sensors and two rear corner sensors at approx. 24 in/60 cm.
- By the rear middle sensors at approx. 5 ft/1.50 m.

System limits

Check the traffic situation as well

PDC cannot serve as a substitute for the driver's personal judgment of the traffic situation. Check the traffic situation around the vehicle with your own eyes. Otherwise, an accident could result from road users or objects located outside of the PDC detection range.

Loud noises from outside and inside the vehicle may prevent you from hearing the PDC's signal tone.◂

Avoid driving quickly with PDC

Avoid approaching an object quickly.

Avoid driving away quickly while PDC is not yet active.

For technical reasons, the system may otherwise be too late in issuing a warning.◂

Limits of ultrasonic measurement

The detection of objects can reach the physical limits of ultrasonic measurement, for instance:

- With tow bars and trailer hitches.
- With thin or wedge-shaped objects.
- With low objects.
- With objects with corners and sharp edges.

Low objects already displayed, e.g., curbs, can move into the blind area of the sensors before or after a continuous tone sounds.

High, protruding objects such as ledges may not be detected.

False warnings

PDC may issue a warning under the following conditions even though there is no obstacle within the detection range:

- In heavy rain.
- When sensors are very dirty or covered in ice.
- When sensors are covered in snow.
- On rough road surfaces.
- In large buildings with right angles and smooth walls, e.g., in underground garages.
- In heavy exhaust.
- Due to other ultrasound sources, e.g., sweeping machines, high pressure steam cleaners or neon lights.

Switching on automatically

Engage reverse gear with the engine running or the ignition switched on.

Switching off automatically

The system switches off and the LED goes out:

- After approx. 165 ft/50 m when driving forward.
- Above approx. 20 mph/30 km/h when driving forward.

Switch on the system again if necessary.

Signal tones

When approaching an object, an intermittent tone is sounded that indicates the position of the object. For example, if an object is detected to the left rear of the vehicle, a signal tone sounds from the left rear speaker.

The shorter the distance to the object becomes, the shorter the intervals.

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If the distance to a detected object is less than approx. 12 in/30 cm, a continuous tone is sounded.

If objects are located both in front of and behind the vehicle, an alternating continuous signal is sounded.

The intermittent tone is interrupted after approx. 3 seconds:

- If the vehicle stops in front of an object that is detected by only one of the corner sensors.
- If moving parallel to a wall.

The signal tone is switched off:

- When the vehicle moves away from an object by more than approx. 4 in/10 cm.
- When selector lever position P is engaged.

Malfunction

The indicator lamp in the instrument cluster comes on. PDC has failed.

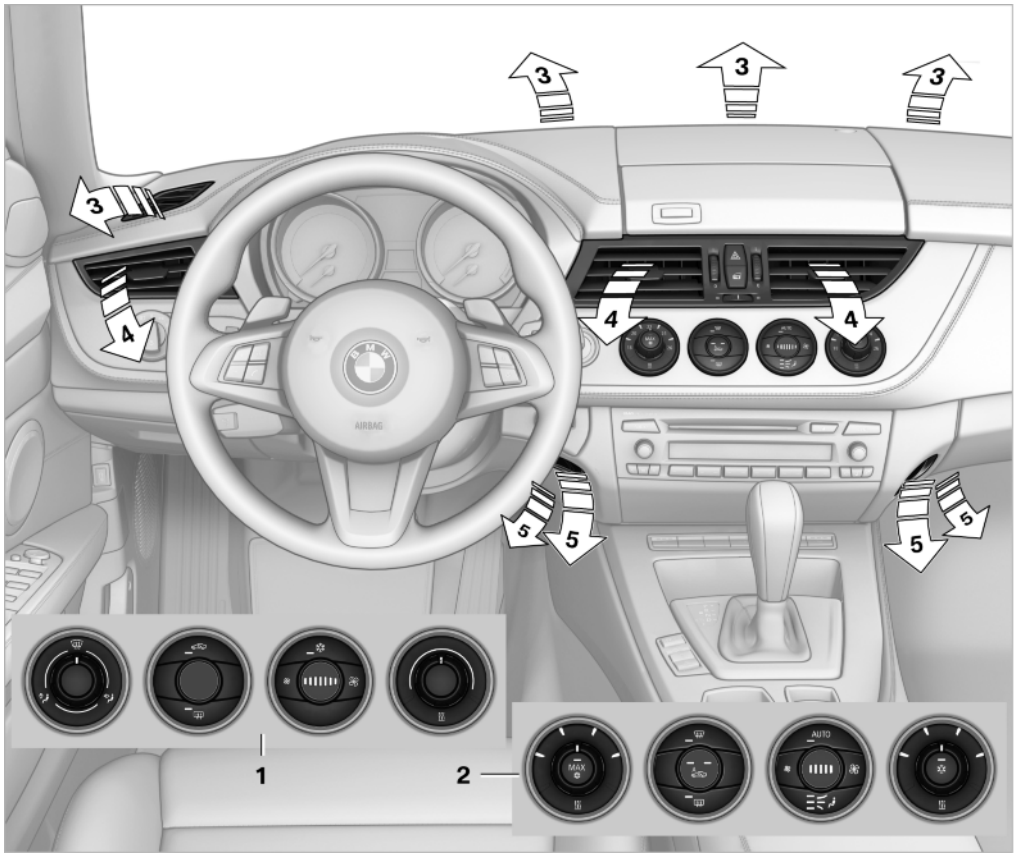
Have the system checked.

To ensure full operability:

- Keep the sensors clean and free of ice.
- When using high-pressure washers, do not spray the sensors for long periods and maintain a distance of at least 12 in/30 cm.

Climate control

Overview



1 Equipment variant: air conditioner 86

2 Equipment variant: automatic climate control* 88

3 Air vent: the airflow is directed toward the windshield and side windows

4 Air vent: air for the upper body area. The thumbwheels increase and decrease the air supply continuously; the levers change the direction of the airflow.

5 Air vent: air for the knee area, footwell

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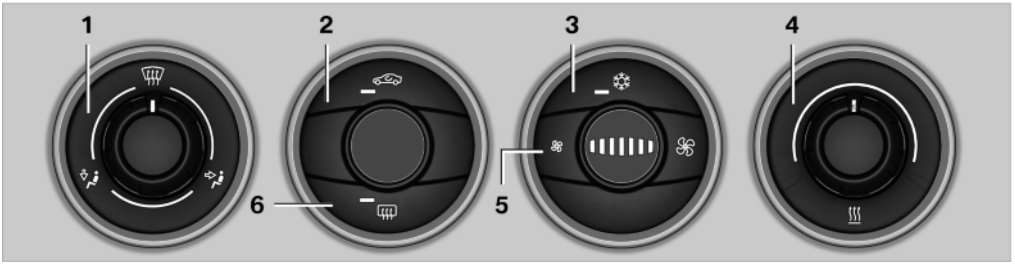
Air conditioner



1 Vent settings
2 Recirculated air mode
3 Cooling function
4 Temperature
5 Air volume
6 Rear window defroster

Vent settings

Direct the flow of air to the windows , to the upper body area or to the knee area and footwell . Intermediate settings are possible. In the 6 o'clock position, a small amount of air is also directed toward the windows to keep them from fogging over.

Recirculated air mode

If the air outside the car has an unpleasant odor or contains pollutants, shut off the supply to the interior of the car temporarily. The system then recirculates the air currently within the vehicle.

The recirculated air mode can also be activated/deactivated, refer to page 12, via a button* on the steering wheel.

Only use recirculated air mode for a limited period

If condensation starts to form on the inside window surfaces during operation in the recirculated air mode, you should switch it off while also increasing the air flow rate as required. The recirculated air mode should not be used continuously for lengthy periods; otherwise, the quality of the air inside the car will gradually deteriorate.◄

Air volume

Press the corresponding button. The higher the rate, the more effective the heating or cooling will be.

The air flow rate may be reduced or the blower may be switched off entirely to save on battery power.

Switching the system on/off

Press the left button at the minimum fan speed. The blower and air conditioner are completely switched off and the air supply is cut off.

To switch on the air conditioner, set the desired air flow rate.

Switching cooling function on/off

The cooling function cools and dehumidifies the incoming air before reheating it as required, according to the temperature setting. This function is only available while the engine is running.

The cooling function helps to prevent condensation on the windows or to remove it quickly.

Depending on the weather, the windshield may fog over briefly when the engine is started.

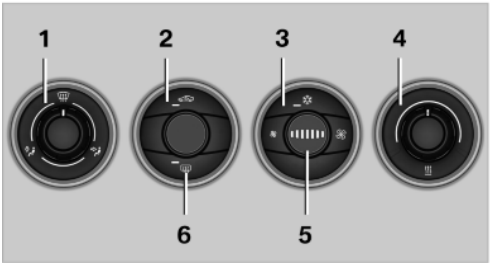
Rear window defroster

The defroster switches off automatically after a certain time or when the hardtop is opened.

Temperature

To increase the temperature, turn the rotary switch clockwise towards red. For a lower temperature, turn the rotary switch counterclockwise towards blue.

Defrosting windows and removing condensation



1 Air distribution 1 in position .

2 Deactivate recirculated air mode 2.

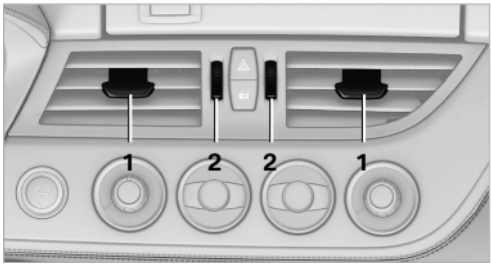
3 Switch on cooling function 3.

4 Temperature 4 to the right, red.

5 Set the air flow rate 5 to the maximum level.

6 Switch on the rear window defroster 6 to defrost the rear window .

Ventilation



1 Use the lever to change the direction of the air flow

2 Use the thumbwheels to smoothly open and close the air vents

Ventilation for cooling

Adjust the vents to direct the flow of cool air in your direction, for instance if the interior has become too warm.

Draft-free ventilation

Adjust the vents to let the air flow past you.

Microfilter

The microfilter removes dust and pollen from the incoming air. The microfilter is changed by your service center during routine maintenance work.

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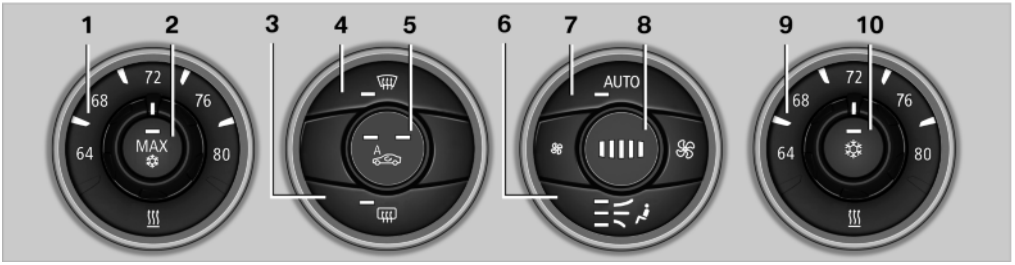
Automatic climate control*



1 Temperature, left side of passenger compartment
2 Maximum cooling
3 Rear window defroster
4 Defrosting windows and removing condensation
5 Automatic recirculated air control/recirculated air mode
6 Manual air distribution
7 AUTO program
8 Air flow rate, manual, climate level
9 Temperature, right side of passenger compartment
10 Switching cooling function on/off manually

Comfortable interior climate

For almost all conditions, the AUTO program 7 offers the optimum air distribution and air flow rate, refer to AUTO programs below. Select a comfortable interior temperature only.

The following sections contain more detailed information on the available setting options.

Most of these settings are stored for the remote control currently in use, Personal Profile settings, refer to page 21.

Air distribution, manual

Depending on the selected setting, the air is directed to the windshield, to the upper body area, to the knee area and into the footwell.

Adjusting air distribution manually

Press the button repeatedly until the air distribution is set as required. The corresponding LED lights up.

The manual air distribution is also switched on when the AUTO program is deactivated.

Temperature

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

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

To give the automatic climate control enough time to achieve the set temperature, do not switch between different temperature settings in quick succession.

Maximum heating power can be obtained with the highest setting, regardless of the outside temperature.

The lowest setting effects continuous cooling.

Switching the cooling function on and off

The cooling function cools and dehumidifies the incoming air before reheating it as required, according to the temperature setting. This

function is only available while the engine is running.

The cooling function helps to prevent condensation on the windows or to remove it quickly.

Depending on the weather, the windshield may fog over briefly when the engine is started.

The cooling function is switched on automatically with the AUTO program.

Maximum cooling

The air is cooled by the maximum amount at an external temperature above 32 °F/0 °C and with the engine running.

The automatic climate control goes into recirculated air mode at the lowest temperature. Air flows at maximum rate from the vents for the upper body area. You should therefore open the vents for maximum cooling.

AUTO program

The AUTO program automatically adjusts the air distribution to the windshield and side windows, toward the upper body area, and into the footwell and knee area.

The air flow rate and air distribution, in addition to your temperature specifications, will be adapted to outside influences as a result of seasonal changes, e.g., sunlight or window condensation.

The cooling function is switched on automatically with the AUTO program.

Switching on/off

Press the button.

Manual air distribution and air flow rate are activated when the AUTO program is deactivated.

AUTO program climate level

The climate levels can be used to vary the intensity when the AUTO program is switched on. For example, air flow is adjusted automatically to optimize climate control.

When the AUTO program is switched on, the climate level of the AUTO program can be selected using the buttons for controlling the manual air flow rate.

The selected climate level is displayed by an LED.

Convertible program

When the hardtop is open, the convertible program is activated as well. In the convertible program, the automatic climate control is optimized for driving with the hardtop open. In addition, the air flow rate is increased as vehicle speed increases.

The effectiveness of the convertible program can be enhanced considerably by installing the wind deflector.

Adjusting air flow rate manually

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

The air volume may be reduced automatically to save battery power. The display remains the same.

Switching the system on/off

With the blower at its lowest setting, press the left side of the button to switch off the automatic climate control. All displays are cleared except for the rear window defroster if it is switched on.

Press any button except the rear window defroster to reactivate the automatic climate control.

Residual heat

The heat stored in the engine is used to heat the interior.

This function can be switched on using the right-hand button under the following conditions:

- Up to 15 minutes after switching off the engine.

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- When the engine is warm.
- With sufficient battery voltage.
- At an external temperature under 77 °F/ 25 °C.

The middle LED is lit when the function is on.

Automatic recirculated air control/ recirculated air mode

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

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

Only use recirculated air mode for a limited period

If condensation starts to form on the inside window surfaces during operation in the recirculated air mode, you should switch it off while also increasing the air flow rate as required. The recirculated air mode should not be used for an extended period of time, as the air quality inside the vehicle deteriorates steadily.◀

Defrosting windows and removing condensation

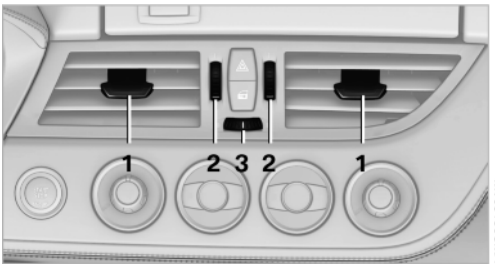
Quickly removes ice and condensation from the windshield and front side windows.

For this purpose, also switch on the cooling function.

Rear window defroster

The defroster switches off automatically after a certain time or when the hardtop is opened.

Ventilation



1 Use the lever to change the direction of the air flow

2 Use the thumbwheels to smoothly open and close the air vents

3 Thumbwheel for adjusting the amount of cool air from the vents to the upper body area. This can be used to adjust the air temperature for the upper body area.

Ventilation for cooling

Adjust the vents to direct the flow of cool air in your direction, for instance if the interior has become too warm.

Draft-free ventilation

Adjust the vents to let the air flow past you.

Microfilter/activated-charcoal filter

The microfilter traps dust and pollen in the incoming air. The activated-charcoal filter provides additional protection by filtering gaseous pollutants from the outside air. Your service center replaces this combined filter during routine maintenance.

Interior equipment

Integrated universal remote control*

The concept

This system can replace up to three different hand-held transmitters for various types of remote-controlled equipment, such as garage doors or lighting systems.

The hand-held transmitter signal can be programmed on one of the three memory buttons.

The corresponding device can then be operated using the programmed memory button.

The LED indicates that a signal is being transmitted.

When selling the vehicle, delete the stored programs for security reasons.

During programming

During programming and before activating a device using the universal remote control, ensure that there are no people, animals, or objects in the range of movement of the remote-controlled device; otherwise, there is a risk of injury or damage.

Also follow the safety instructions of the hand-held transmitter.◄

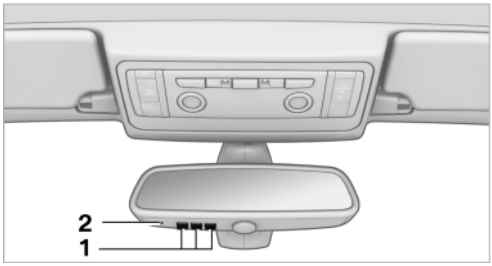
Compatibility

If this symbol is printed on the packaging or in the instructions of the hand-held transmitter, the remote-controlled device is generally compatible with the universal remote control.

If you have any questions, please contact:

- Your service center.
- www.homelink.com on the Internet.

Programming



1 Memory buttons

2 LED

Fixed-code hand-held transmitters

1. Switch on the ignition.
2. Initial setup:

   Press both outer buttons 1 for approx. 20 seconds until the LED flashes.

   All programs of the three memory buttons 1 are cleared.
3. Hold the hand-held transmitter at a distance of approx. 2 to 8 in/5 to 20 cm from the memory buttons.
4. Simultaneously press the transmit button of the hand-held transmitter and the memory button of the universal remote control.

   The LED flashes slowly.
5. Release both buttons when the LED flashes rapidly.

   If the LED does not flash rapidly after approx. 15 seconds, change the distance and repeat the step.

The device can be operated using the memory button with the engine running or the ignition switched on.

Malfunction

If the device cannot be used after repeated attempts at programming, please check whether the hand-held transmitter is equipped with an alternating code system.

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To do so:

- ▷ Read the instructions of the hand-held transmitter.
- ▷ Press the memory button of the universal remote control for an extended period.

If the LED flashes rapidly for a brief period and then lights up continuously for approx. 2 seconds, the hand-held transmitter is equipped with an alternating code system.

In this case, program the memory buttons as described under Alternating-code hand-held transmitters.

Alternating-code hand-held transmitters

Please obtain information on synchronizing the device in the operating manual of the device being set up.

Programming will be easier with the aid of a second person.

1. Park the vehicle within range of the remote-controlled device.
2. Program the universal remote control as described above under Fixed-code hand-held transmitters.
3. Press and hold the programmed button on the interior rearview mirror for approx. 5 seconds until the device to be adjusted is activated.

   If the device does not become activated, press and hold the button and watch the LED:

   - ▷ If the LED lights up continuously, the programming is completed. The device should become activated when the button is pressed briefly.
   - ▷ If the LED flashes for approx. 2 seconds and then lights up continuously, continue the programming procedure beginning with step 4.
4. Locate the button on the receiver of the device to be set, e.g., on the drive.
5. Press the button on the receiver of the device to be set. You have approx. 30 seconds for the next step.
6. Press the programmed memory button of the universal remote control three times.

The device can be operated when the engine is running or the ignition is switched on.

Reassigning individual programs

1. Switch on the ignition.
2. Hold the hand-held transmitter at a distance of approx. 2 to 8 in/5 to 20 cm from the memory buttons.
3. Press the memory button of the universal remote control.
4. If the LED flashes slowly after approx. 20 seconds, press the transmit button on the hand-held transmitter.
5. Release both buttons when the LED flashes rapidly.

   If the LED does not flash rapidly after approx. 15 seconds, change the distance and repeat the step.

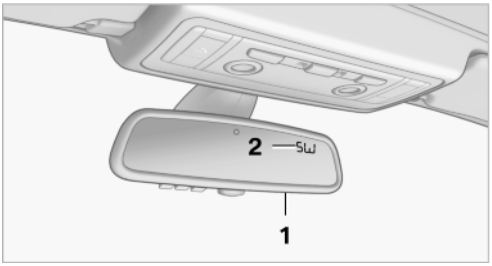
Deleting all stored programs

Press the left and right memory buttons for approx. 20 seconds until the LED flashes rapidly.

All stored programs are deleted.

The programs cannot be deleted individually.

Digital compass*



1 Adjustment button

2 Display

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

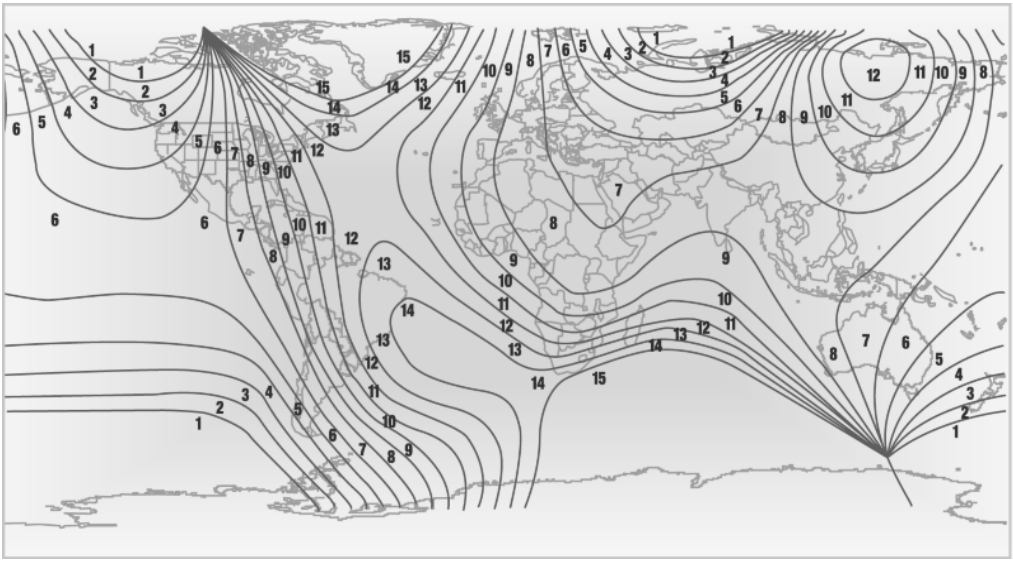
Operating concept

You can call up a number of functions by pressing the adjustment button with a pointed object such as a ball-point pen. The following adjustment options are displayed one after the other, depending on how long you keep the adjustment button pressed:

- Press briefly: switch the display on/off.
- 3 to 6 seconds: set the compass zone.
- 6 to 9 seconds: calibrate the compass.
- 9 to 12 seconds: set left-hand/right hand steering.
- 12 to 15 seconds: set the language.

Setting compass zones

Set the compass zone corresponding to your vehicle's geographic location so that the compass can function correctly; refer to the world map with compass zones.



In order to set the compass zones, press and hold the adjustment button for 3-4 seconds. The number of the compass zone set is shown in the display.

To change the zone setting, briefly press the adjustment button repeatedly until the display shows the number of the compass zone corresponding to your current location.

The compass is operational again after approx. 10 seconds.

Calibrating the digital compass

The digital compass must be calibrated in the following situations:

- An incorrect compass direction is shown.

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- The cardinal direction displayed does not change even if the direction of travel changes.
- Not all compass directions are shown.

Procedure

1. Make sure that there are no large metal objects or overhead power lines in the vicinity of your vehicle and that you have enough space to drive in a circle.
2. Set the currently valid compass zone.
3. Ensure that the retractable hardtop is fully closed.
4. Press the adjustment button for 6-7 seconds to call up C. Then drive in at least one complete circle at a maximum speed of 4 mph/7 km/h. If the calibration was successful, the display C is replaced with the cardinal directions.
5. Open the retractable hardtop fully and repeat step 4.

Setting right-hand/left-hand steering

Your digital compass is factory-set to right-hand or left-hand steering, in accordance with your vehicle.

Setting the language

You can set the language of the display:

Press the adjustment button for 12-13 seconds. Briefly press the adjustment button again to switch between English "E" and German "O".

The setting is automatically saved after approx. 10 seconds.

Connecting electrical devices

Sockets

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

Cigarette lighter socket*

Access to socket: remove the lighter from the socket.

Under the center armrest

External audio device, refer to page 97.

In the passenger footwell*

A socket is located on the left below the glove compartment.

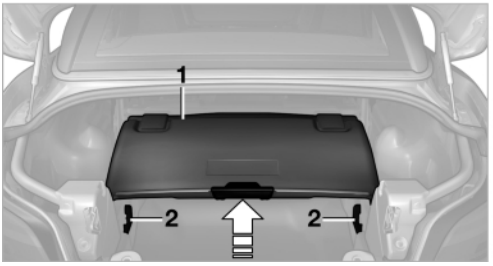
Trunk

Depending on your vehicle's equipment, the following storage spaces can be found in the cargo area:

- Rubber band* for securing light objects
- Storage compartment.

To open: turn the lock to the left, see arrow, and fold the cover up.

Enlarging the cargo area



When the hardtop is closed you can enlarge the cargo area:

To do so, press the cargo area partition 1 upward.

Before opening the hardtop, pull the cargo area partition 1 down until it engages in both guides 2.

Observe before opening and closing the hardtop

- Before moving the hardtop, ensure that there are no objects on or next to the cargo area partition; otherwise, parts of the hardtop may be damaged.
- Do not exceed the maximum loading height; refer to the sticker in the trunk showing a line indicating the maximum height.
- Do not use force to push down the cargo area partition.◀

The retractable hardtop can only be opened if the cargo area partition is in its lowermost position and engaged on both sides.

Through-loading opening with integrated transport bag*

Always secure skis

Always secure transported skis or similar objects with the ski support* as they could otherwise endanger occupants during braking maneuvers and swerving.◀

The transport bag lets you transport up to two pairs of standard skis safely and cleanly.

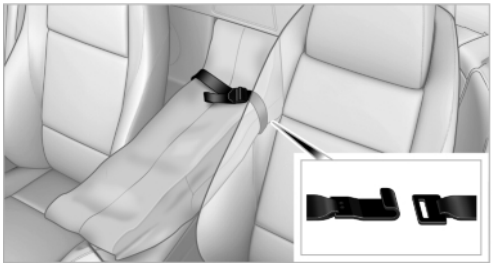
With the transport bag you can stow skis up to a length of 5.4 ft/1.70 m. When stowing skis with a length of 5.4 ft/1.70 m, the capacity of the transport bag is reduced as the bag narrows.

Loading

1. Fold the cover down.

2. In the trunk: press the handle up and fold the cover down.

3. Undo the fastener and spread out the transport bag between the seats.
4. Insert the latch plate of the retaining strap into the belt buckle under the transport bag.



5. Load the transport bag. The zipper eases access to the stored items.

Only place clean skis in the transport bag. Wrap sharp edges to prevent damage.

Securing cargo

Securing the transport bag

Secure the transport bag by tightening the retaining strap; otherwise, the contents could

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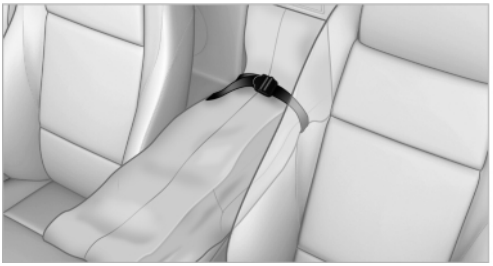
present a source of danger to the passengers, for example during braking or evasive maneuvers.◄



After loading, secure the transport bag and its contents. Tighten the retaining strap on the tensioning buckle for this purpose.

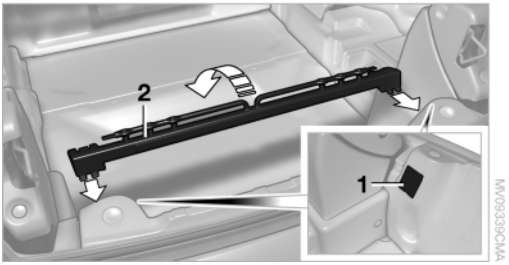
To store the transport bag, perform the steps described for loading in reverse order.

Ski support*

Always secure skis

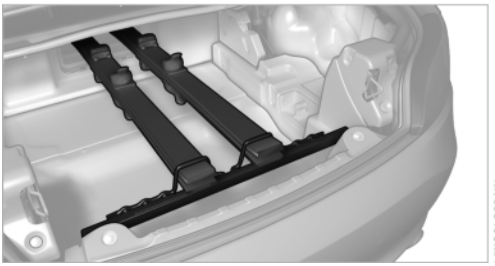
Always secure transported skis or similar objects with the ski support* as they could otherwise endanger occupants during braking maneuvers and swerving.◄

1. Remove both covers 1 with the screwdriver.



2. Attach the ski support 2 and fold it down, see arrow.

3. Pull the fastener up and attach the rear of the ski.



Prevent damage to the trunk lid

Before closing the trunk, ensure that the trunk lid cannot be damaged by the skis.◄

Removing the transport bag

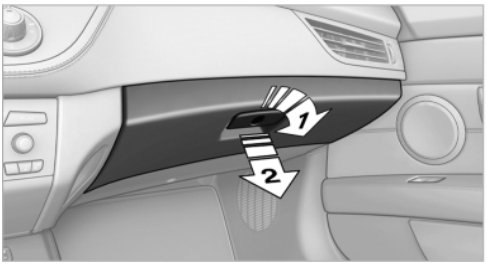
The transport bag can be completely removed, e.g., for faster drying or to allow you to use other inserts.

In the trunk: press the handles up and fold the transport bag down fully.

More information on the various inserts available can be obtained from your service center.

Storage compartments

Glove compartment



Opening

Pull the handle, arrow 2.

The light in the glove compartment switches on.

Close the glove compartment again immediately

Close the glove compartment immediately after use while driving; otherwise, injury may occur during accidents.◄

Closing

Fold up the cover.

Locking

Lock with a key, arrow 1.

If you hand out the remote control without the integrated key, refer to page 20, such as at a hotel, the glove compartment cannot be unlocked.

Center armrest

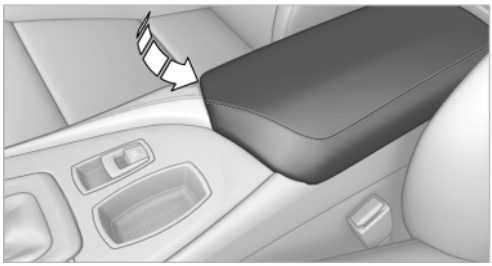
Storage compartment

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

Locking the storage compartment*

When you lock the vehicle from the outside, the storage compartment in the center armrest is locked as well.

Opening



Fold the center armrest up, see arrow.

Connection for an external audio device

You can connect an external audio device such as a CD or MP3 player and play audio tracks over the car's loudspeaker system. You can set the volume and tone by means of the car radio, refer to the separate Owner's Manual for Radio.

Connecting

Lift up the center armrest.

Connect the headphones or line-out connector of the device using the jack plug.

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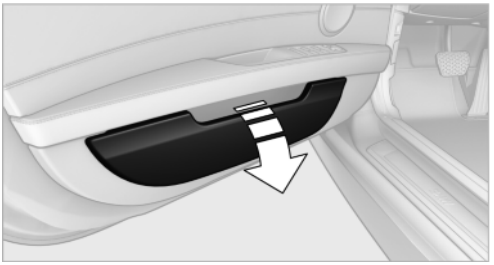
Storage compartments inside the vehicle

The following compartments are available, depending on how your vehicle is equipped:

Compartments* in the doors

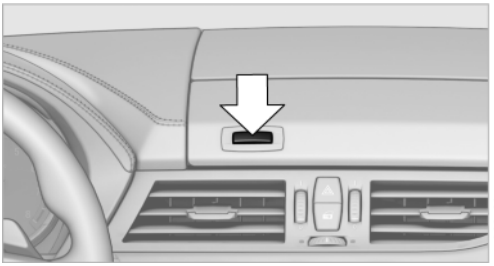


To open: fold open the cover.

Compartment* in the center console

There is an open storage compartment in the center console.

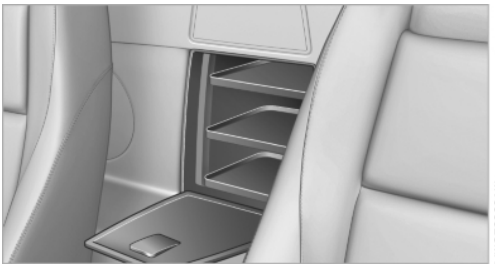
Storage compartment* in the dashboard



To open: press the button.

Storage compartment* in the partition

To open: pull the handle.



The inserts in the storage compartment can be removed individually.

Removing the storage compartment

The storage compartment can be removed completely to be able to use other inserts, for example.

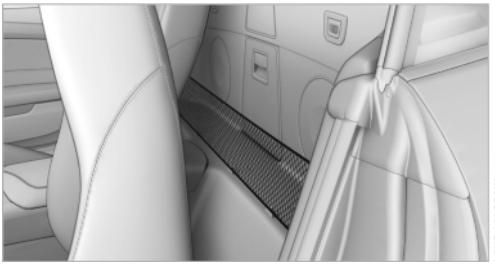
In the trunk:

Press the handles up and fold the storage compartment completely down.

More information on the various inserts available can be obtained from your service center.

Lateral storage shelf behind the seats

This space can be used to store briefcases, for example.



Observe when loading the lateral storage shelf

- When loading the lateral storage shelf, do not move both seats all the way forward while moving them to their uppermost position and leaning the backrests forward. Otherwise, the seats could hit and damage the seal on the windshield and the sun visor.
- Only transport light and small objects on the lateral storage shelf; otherwise, braking maneuvers and swerving may lead to a safety hazard due to objects flying about the passenger compartment. Only transport heavy luggage in the trunk if it has been appropriately secured.◄

Cupholders*

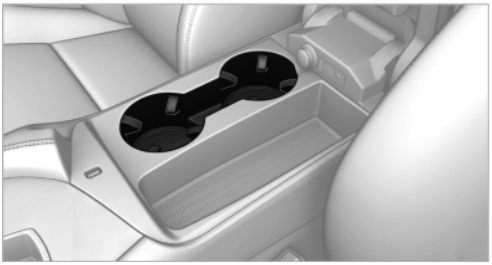
Shatter-proof containers and no hot drinks

Use light and shatter-proof containers and do not transport hot drinks. Otherwise, there is the increased danger of injury in an accident.◄

Unsuitable containers

Do not forcefully push unsuitable containers into the cupholders. This may result in damage.◄

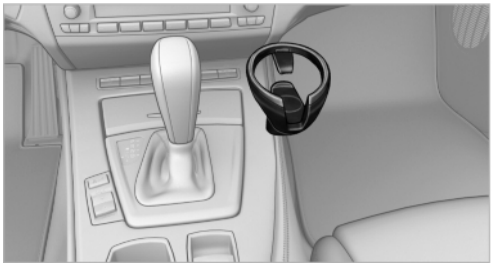
In the center armrest



The cupholders are located in the center armrest.

Attachable cupholder*

Attaching to the center console



Mount the cupholder onto the center console so that it snaps into place.

Storing in the glove compartment

Insert the cupholder into the holder in the glove compartment.

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Driving tips

This section provides you with information useful in dealing with specific driving and operating conditions.

Things to remember when driving

Breaking-in period

General information

Moving parts need to be broken in to adjust to each other.

The following instructions will help achieve a long vehicle life and good economy.

Engine and differential

Always obey the official speed limits.

Up to approx. 1,200 miles/2,000 km

Drive at varying engine and road speeds but do not exceed:

- 4,500 rpm or 100 mph/160 km/h.

Do not drive with full-throttle operation, and do not use the transmission's kickdown mode or Launch Control.

From 1,200 miles/2,000 km

The engine and vehicle speed can gradually be increased.

Tires

Due to technical factors associated with their manufacture, tires do not achieve their full traction potential until after an initial breaking-in period.

Drive conservatively for the first 200 miles/ 300 km.

Brake system

Brakes require an initial break-in period of approx. 300 miles/500 km to achieve optimized contact and wear patterns between brake pads and rotors. Drive cautiously during this break-in period.

Clutch

The clutch requires an initial break-in period of approx. 300 miles/500 km to function at an optimal level.

During this break-in period, engage the clutch gently.

Following part replacement

The same breaking in procedures should be observed if any of the components mentioned above have to be renewed in the course of the vehicle's operating life.

General driving notes

Ground clearance

Limited ground clearance

Note that the Z4 sDrive35 has limited ground clearance, for instance when driving into underground parking garages or over obstacles. Otherwise, the vehicle may be damaged.◄

Closing the trunk lid

Drive with the trunk lid closed

Only operate the vehicle with the trunk lid closed; otherwise, exhaust fumes could enter the passenger compartment.◄

If the vehicle must be driven with the trunk lid open:

1. Close all windows.
2. Greatly increase the air flow rate of the air conditioner or automatic climate control.

Hot exhaust system

Hot exhaust system

High temperatures are generated in the exhaust system.

Do not remove the heat shields installed and never apply undercoating to them. Make sure that flammable materials, e. g. hay, leaves, grass, etc. do not come in contact with the hot exhaust system during driving, while in idle position mode, or when parked. Such contact could lead to a fire, and with it the risk of serious personal injury as well as property damage.

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Do not touch hot exhaust pipes; otherwise, there is the danger of getting burned.◄

Mobile communication devices in the vehicle

Mobile communication devices in the vehicle

It is not recommended to use mobile phones, such as mobile phones without a direct connection to an external aerial in the vehicle's passenger compartment. Otherwise, the vehicle electronics and mobile communication devices can interfere with each other. In addition, there is no assurance that the radiation generated during transmission will be discharged from the vehicle interior.◄

Hydroplaning

On wet or slushy roads, a wedge of water can form between the tires and road surface.

This phenomenon is referred to as hydroplaning. It is characterized by a partial or complete loss of contact between the tires and the road surface, ultimately undermining your ability to steer and brake the vehicle.

Hydroplaning

When driving on wet or slushy roads, reduce your speed to prevent hydroplaning.◄

Driving through water

Drive though calm water only if it is not deeper than 9.8 inches/25 cm and at this height, no faster than walking speed, up to 6 mph/10 km/h.

Adhere to water depth and speed limitations

Do not exceed this water depth and walking speed; otherwise, the vehicle's engine, the electrical systems and the transmission may be damaged.◄

Braking safely

Your vehicle is equipped with ABS as a standard feature.

Applying the brakes fully is the most effective way of braking in situations when this is necessary.

The vehicle maintains steering responsiveness. You can still avoid any obstacles with a minimum of steering effort.

Pulsation of the brake pedal and sounds from the hydraulic circuits indicate that ABS is in its active mode.

Driving in wet conditions

When roads are wet or there is heavy rain, briefly exert gentle pressure on the brake pedal every few miles.

Ensure that this action does not endanger other road users.

The heat generated in this process helps dry the brake discs and pads.

In this way braking efficiency will be available when you need it.

Hills

Drive long or steep downhill gradients in the gear in which the least braking is required. Otherwise, the brake system may overheat, resulting in a reduction in the brake system efficiency.

You can increase the engine's braking effect by shifting down, going all the way to first gear, if necessary.

Downshifting in manual mode of the automatic transmission, refer to page 51.

Avoid load on the brakes

Avoid placing excessive load on the brake system. Light but consistent brake pressure can lead to high temperatures, brake wear and possibly even brake failure.◄

Do not drive in neutral

Never drive with the transmission in neutral, with the engine switched off or with the clutch depressed; otherwise, you will have neither the braking action of the engine or nor its power assistance when braking or steering.◄

No objects in the area around the pedals

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Never allow floor mats, carpets or any other objects to protrude into the area of pedal movement and impair pedal operation.◄

Brake disc corrosion

Corrosion on the brake discs and contamination on the brake pads are furthered by:

- Low mileage.
- Extended periods when the vehicle is not used at all.
- Infrequent use of the brakes.

Corrosion occurs when the minimum pressure that must be exerted by the pads during brake applications to clean the discs is not reached.

Should corrosion form on the brake discs, the brakes will tend to respond with a pulsating effect that generally cannot be corrected.

Condensation under the parked vehicle

When using the automatic climate control, condensation water develops that exits underneath the vehicle.

Therefore, traces of condensed water under the vehicle are normal.

Loading

Overloading the vehicle

To avoid exceeding the approved carrying capacity of the tires, never overload the vehicle. Overloading can lead to overheating and increases the rate at which damage develops inside the tires. This could result in a sudden loss of tire inflation pressure.◄

Secure heavy objects

Never transport unsecured heavy or hard objects in the passenger compartment, as they could be thrown around and pose a safety hazard to the vehicle's occupants during abrupt braking or evasive maneuvers.◄

No fluids in the trunk

Make sure that fluids do not leak into the trunk; otherwise, the vehicle may be damaged.◄

Determining the load limit

1. Locate the following statement on your vehicle's placard*:
   - The combined weight of occupants and cargo should never exceed XXX kg or YYY lbs. Otherwise, damage to the vehicle and unstable driving situations may result.
2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
3. Subtract the combined weight of the driver and passengers from XXX kilograms or YYY pounds.
4. The resulting figure equals the available amount of cargo and luggage load capacity.

   For example, if the YYY amount equals 1,400 lbs and there will be five 150 lbs passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs: 1,400 lbs minus 750 lbs = 650 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, load from your trailer will be transfered 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.

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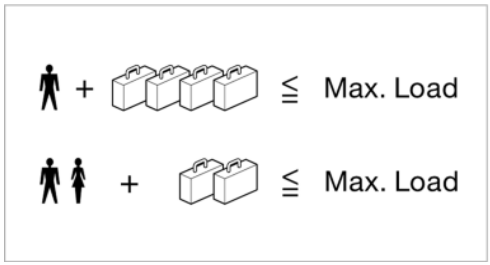
Load

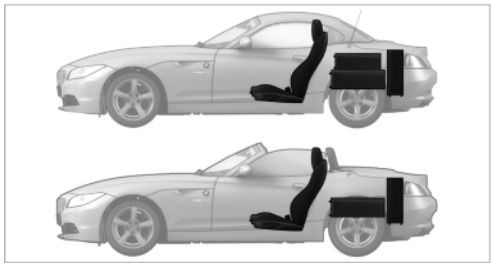


The maximum load is the sum of the weight of the occupants and the cargo.

The greater the weight of the occupants, the less cargo that can be transported.

Stowing cargo

Trunk



- ▷ Heavy cargo: stow as far forward and as low as possible, ideally directly behind the trunk separating wall.
- ▷ Cover sharp edges and corners.

Loading with the hardtop open

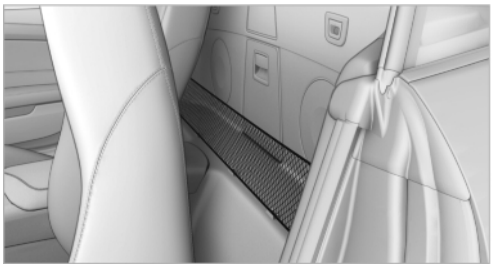
Before opening the hardtop, fold down the cargo area partition and make sure the trunk is loaded correctly; otherwise, parts of the hardtop could be damaged.◄

Fold down the cargo area partition, refer to page 32.

Lateral storage shelf

Loading the lateral storage shelf

When loading the lateral storage shelf, do not move both seats all the way forward while moving them to their uppermost position and leaning the backrests forward. Otherwise, the seats could hit and damage the seal on the windshield and the sun visor.◄



Light and small objects can be stored on the lateral storage shelf.

Securing cargo

Trunk

Use retaining straps, a luggage net* or draw straps* to secure small and lightweight items.

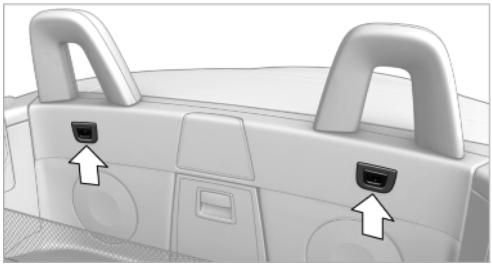
Lateral storage shelf

You can obtain cargo straps* from your service center. Four lashing eyes are provided behind the seats for attaching the cargo straps.

Adhere to the information included with the cargo straps.

Lashing eyes on the lateral storage shelf

Top:



Bottom:

Saving fuel

General information

Fuel consumption depends on a number of different factors.

The implementation of certain measures, driving style and regular maintenance, refer to page 125, can have an influence on fuel consumption and on the environmental impact.

Remove unnecessary cargo

Additional weight increases fuel consumption.

Remove attached parts following use

Remove auxiliary mirrors or rear-mounted luggage racks after use.

Attached parts on the vehicle impair the aerodynamics and increase the fuel consumption.

Close both windows

An open window causes higher air resistance and thus increases fuel consumption.

Check the tire inflation pressure regularly

Check and, if necessary, correct the tire inflation pressure, refer to page 113, at least twice a month and before starting on a long trip.

Low tire inflation pressure increases rolling resistance and thus raises fuel consumption and tire wear.

Drive away without delay

Do not wait for the engine to warm up while the vehicle remains stationary. Start driving right away, but at moderate engine speeds.

This is the fastest way for the cold engine to reach its operating temperature.

Look well ahead when driving

Avoid unnecessary acceleration and braking.

By maintaining a suitable distance to the vehicle driving ahead of you.

Driving smoothly and looking ahead reduces fuel consumption.

Avoid high engine speeds

Use 1st gear to get the vehicle in motion. Beginning with 2nd gear, accelerate rapidly. When accelerating, shift up before reaching high engine speeds.

When you reach the desired speed, shift into the highest applicable gear and drive with the engine speed as low as possible and at a constant speed.

As a rule: driving at low engine speeds lowers fuel consumption and reduces wear.

Use coasting conditions

When approaching a red light, take your foot off the accelerator and coast to a halt in the highest applicable gear.

On a downhill slope, take your foot off the accelerator and coast in a suitable gear.

The flow of fuel is interrupted while coasting.

Switch off the engine during longer stops

Switch off the engine during longer stops, e.g., at traffic lights, railroad crossings or in traffic congestion.

Fuel savings are achieved after the vehicle is switched off for only approx. 4 seconds.

Switch off any functions that are not currently needed

Functions such as the automatic climate control require a large amount of energy and consume additional fuel, especially in city and stop-and-go traffic.

Therefore, switch off these functions if they are not actually needed.

Have maintenance carried out

Have vehicles maintained regularly to achieve optimal vehicle economy and operating life. Have the maintenance carried out by your service center.

Please also note the BMW Maintenance System, refer to page 125.

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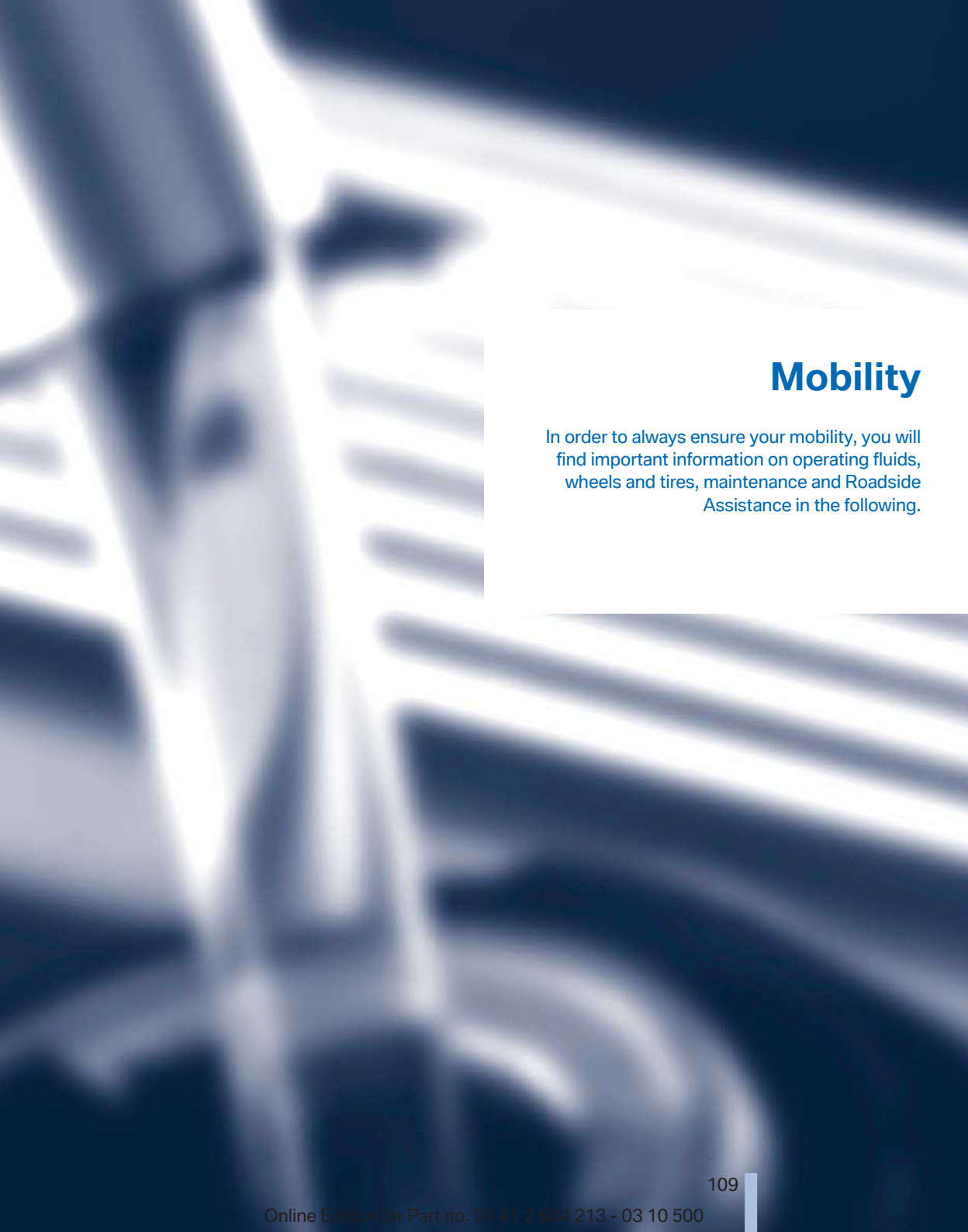


Mobility

In order to always ensure your mobility, you will find important information on operating fluids, wheels and tires, maintenance and Roadside Assistance in the following.

Refueling

Notes

Switch off the engine before refueling

Always switch off the engine before refueling; otherwise, fuel cannot be added to the tank and a message will be displayed.◄

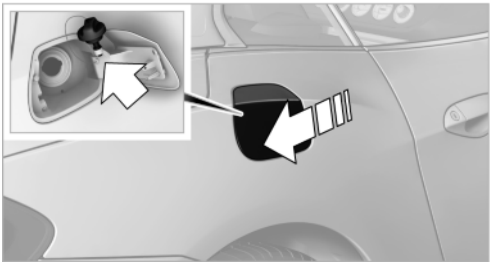
Observe when handling fuel

▷ Take all precautionary measures and observe all applicable regulations when handling fuel.

▷ Do not carry any spare fuel containers in your vehicle. They can develop a leak and cause an explosion or cause a fire in the event of an accident.◄

Fuel filler flap

Opening



1. Open fuel filler flap. To do so, lightly press the rear edge.
2. Turn the fuel filler cap counterclockwise.
3. Place the fuel filler cap in the bracket attached to the fuel filler flap.

Closing

Fit the cap and turn it clockwise until you clearly hear a click.

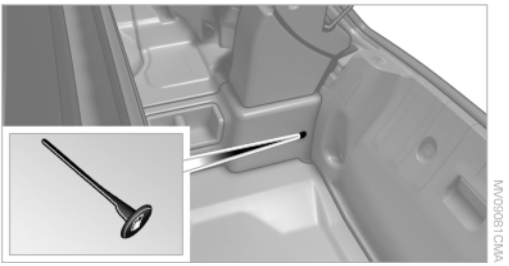
Do not pinch the retaining strap

Do not pinch the retaining strap attached to the cap; otherwise, the cap cannot be closed properly and fuel vapors can escape.◄

The warning lamp lights up briefly if the gas cap is loose or missing. If this occurs, close the cap correctly.

Manually unlocking fuel filler flap

In the event of a malfunction, you can release the fuel filler flap manually:



Pull the button in the trunk with the fuel pump symbol down. This releases the fuel filler flap.

Observe the following when refueling

Handling fuels

Obey safety regulations posted at the gas station.◄

When refueling, insert the filler nozzle completely into the filler pipe. Avoid lifting the filler nozzle while filling the tank, as that would lead to:

▷ Premature pump shutoff.

▷ Reduced efficiency of the fuel-vapor recovery system.

The fuel tank is full when the filler nozzle clicks off the first time.

Fuel tank capacity

Approx. 15.5 US gallons/55 liters, including the reserve capacity of 2.1 US gallons/8 liters.

Refuel below 30 miles/50 km

Refuel below a range of 30 miles/50 km; otherwise, engine functions are not ensured and damage may occur.◄

Fuel

Fuel quality

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

Refuel with unleaded fuel only

Do not use leaded fuel as this would permanently damage the catalytic converter.◄

Fuels with a maximum ethanol content of 10 %, i.e., E10, may be used for refueling.

Do not refuel with ethanol E85

Do not refuel with E85, i.e., fuel with an ethanol content of 85 %, or with Flex Fuel, as this would damage the engine and fuel supply system.◄

Gasoline quality

The engine is knock controlled. Therefore, you can refuel with different gasoline qualities.

It is recommended that you refuel with Super unleaded, 95 RON.

Unleaded fuel grades with 91 RON and higher are permissible.

Minimum fuel grade

Do not use gasoline below 91 RON as this may damage the engine.◄

Refuel with unleaded fuel only

Do not use leaded fuel as this would permanently damage the catalytic converter.◄

Do not refuel with ethanol

Do not refuel with E85, i.e., fuel with an ethanol content of 85 %, or with Flex Fuel, as this would damage the engine and fuel supply system.◄

Required fuel

Super Premium Gasoline/AKI 91

This gasoline is highly recommended.

Gasoline with lower AKI

However, you may also use gasoline with less AKI.

The minimum AKI Rating is:

- Z4 sDrive30i: 87
- Z4 sDrive35i: 89
- Z4 sDrive35is: 89

If you use gasoline with this minimum AKI Rating, the engine may produce knocking sounds when starting at high outside temperatures.

This has no effect on the engine life.

Minimum fuel grade

Do not use any gasoline below the minimum specified fuel grade; otherwise, engine damage may occur.◄

Use high-quality brands

Field experience has indicated significant differences in fuel quality: volatility, composition, additives, etc., among gasolines offered for sale in the United States and Canada.

Fuels containing up to and including 10 % ethanol or other oxygenates with up to 2.8 % oxygen by weight, that is, 15 % MTBE or 3 % methanol plus an equivalent amount of co-solvent, will not void the applicable warranties with respect to defects in materials or workmanship.

Minimum fuel grade

The use of poor-quality fuels may result in driveability, starting and stalling problems especially under certain environmental conditions such as high ambient temperature and high altitude.

Should you encounter driveability 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.

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Failure to comply with these recommendations may result in unscheduled maintenance.◀

BMW recommends BP fuels

Wheels and tires

Tire inflation pressure

Information for your safety

It is not merely the tires' service life, but also driving comfort and, to a great extent, driving safety that depend on the condition of the tires and the maintenance of the specified tire pressure.

Check the tire inflation pressure regularly

Regularly check the tire inflation pressure and correct it as needed: at least twice a month and before a long trip. If you fail to observe this precaution, you may be driving on tires with incorrect tire pressures, a condition that may not only compromise your vehicle's driving stability, but also lead to tire damage and the risk of an accident.◄

Checking the pressure

Only check the tire inflation pressure when the tires are cold. This means after a maximum of 1.25 miles/2 km driving or when the vehicle has been parked for at least 2 hours. When the tires are warm, the tire inflation pressure is higher.

After adjusting the tire inflation pressure, reset the Tire Pressure Monitor, refer to page 74, or reinitialize the Flat Tire Monitor, refer to page 72.

Pressure specifications

The tables below provide all the correct inflation pressures for the specified tire sizes at ambient temperature.

The inflation pressures apply to the tire sizes approved and tire brands recommended by BMW; a list of these is available from your service center.

For correct identification of the right tire inflation pressures, observe the following:

- Tire sizes of your vehicle.
- Vehicle load.
- Maximum allowable driving speed.

Tire inflation pressures for driving up to 100 mph or 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 100 mph/160 km/h to achieve optimum driving comfort.

These tire inflation pressures can also be found on the driver's side door pillar when the driver's door is open.

Do not exceed the maximum permissible speed

The maximum permissible speed for these tire pressures is 100 mph/160 km/h Do not exceed this speed; otherwise, tire damage and accidents could occur.◄

Tire inflation pressures for driving above 100 mph or 160 km/h

Adjust the tire inflation pressures

To drive at maximum speeds in excess of 100 mph/160 km/h, adjust pressures to the respective tire inflation pressures listed on the following pages in the column for traveling speeds including those exceeding 100 mph or 160 km/h. Otherwise, tire damage and accidents could occur.◄

Observe all national and local maximum speed limits; otherwise, violations of the laws could occur.

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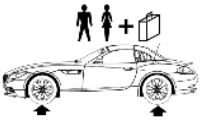
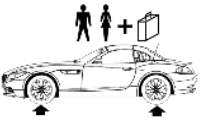
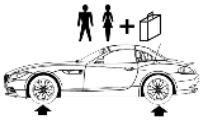
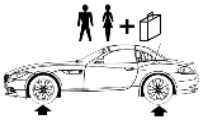
Tire inflation pressures Z4 sDrive30i

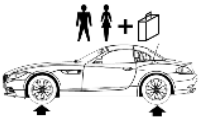
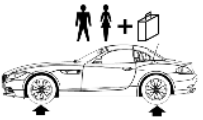
Tire size	Pressure specifications in psi/kPa			
	Traveling speeds of up to 100 mph/160 km/h		Traveling speeds including those exceeding 100 mph/160 km/h	
All pressure specifications in the table are indicated in psi/kilopascal with cold tires. Cold = ambient temperature				
without Sport Package:				
225/45 R 17 91 V 225/45 R 17 91 H M+S 225/45 R 17 94 V M+S XL	36/250	44/300	36/250	44/300
Front: 225/45 R 17 91 V	36/250	-	36/250	-
Rear: 255/40 R 17 94 V	-	39/270	-	39/270
Front: 225/40 R 18 88 W	36/250	-	36/250	-
Rear: 255/35 R 18 90 W	-	42/290	-	42/290
Front: 225/35 R 19 88 Y XL	36/250	-	36/250	-
Rear: 255/30 R 19 91 Y XL	-	42/290	-	42/290
with Sport Package:				
225/45 R 17 91 W 225/45 R 17 91 H M+S 225/45 R 17 94 V M+S XL	36/250	44/300	36/250	44/300
Front: 225/45 R 17 91 W	36/250	-	36/250	-
Rear: 255/40 R 17 94 W	-	39/270	-	39/270
Front: 225/40 R 18 88 W	36/250	-	38/260	-
Rear: 255/35 R 18 90 W	-	42/290	-	45/310
Front: 225/35 R 19 88 Y XL	36/250	-	36/250	-
Rear: 255/30 R 19 91 Y XL	-	42/290	-	44/300
More details on the permissible load and weights, refer to page 160.				

Tire inflation pressures Z4 sDrive35i

Tire size	Pressure specifications in psi/kPa			
	Traveling speeds of up to 100 mph/ 160 km/h		Traveling speeds including those exceeding 100 mph/160 km/h	
All pressure specifications in the table are indicated in psi/kilopascal with cold tires. Cold = ambient temperature				
without Sport Package:				
225/45 R 17 91 H M +S 225/45 R 17 94 V M +S XL	36/250	44/300	36/250	44/300
Front: 225/45 R 17 91 V	36/250	-	36/250	-
Rear: 255/40 R 17 94 V	-	39/270	-	39/270
Front: 225/40 R 18 88 W	36/250	-	36/250	-
Rear: 255/35 R 18 90 W	-	42/290	-	42/290
Front: 225/35 R 19 88 Y XL	36/250	-	36/250	-
Rear: 255/30 R 19 91 Y XL	-	42/290	-	42/290
with Sport Package:				
225/45 R 17 91 H M +S 225/45 R 17 94 V M +S XL	36/250	44/300	36/250	44/300
Front: 225/45 R 17 91W	36/250	-	36/250	-
Rear: 255/40 R 17 94 W	-	39/270	-	39/270

Tire size	Pressure specifications in psi/kPa			
Front: 225/40 R 18 88 W	36/250	-	38/260	-
Rear: 255/35 R 18 90 W	-	42/290	-	45/310
Front: 225/35 R 19 88 Y XL	36/250	-	36/250	-
Rear: 255/30 R 19 91 Y XL	-	42/290	-	44/300
More details on the permissible load and weights, refer to page 160.				

Tire inflation pressures Z4 sDrive35is

Tire size	Pressure specifications in psi/kPa			
	Traveling speeds of up to 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				
225/45 R 17 91 H M+S 225/45 R 17 94 V M +S XL	36/250	44/300	36/250	44/300
Front: 225/40 R 18 88 W	38/260	-	38/260	-
Rear: 255/35 R 18 90 W	-	45/310	-	45/310
Front: 225/35 R 19 88 Y XL	36/250	-	36/250	-
Rear: 255/30 R 19 91 Y XL	-	44/300	-	44/300
More details on the permissible load and weights, refer to page 160.				

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

Example: 225/45 R 17 91 V

225: nominal width in mm

45: aspect ratio in %

R: radial tire code

17: rim diameter in inches

91: load rating, not for ZR tires

V: speed rating, before the R on ZR tires

Speed letter

Q = up to 100 mph/160 km/h

T = up to 118 mph/190 km/h

H = up to 131 mph/210 km/h

V = up to 150 mph/240 km/h

W = up to 167 mph/270 km/h

Y = up to 186 mph/300 km/h

Tire Identification Number

Tires with DOT codes meet the guidelines of the U.S. Department of Transportation.

DOT code:

DOT xxxx xxx 0710

xxxx: manufacturer code for the tire brand

xxx: tire size and tire design

0710: tire age

Tire age

The tire manufacturing date is contained in the tire identification mark: DOT ... 0710 means that the tire was manufactured in the week 7 of 2010.

BMW recommends that you replace all tires after 6 years at most, even if some tires may last for 10 years.

Uniform Tire Quality Grading

Quality grades can be found where applicable on the tire sidewall between tread shoulder and maximum section width. For example:

Treadwear 200 Traction AA

Temperature A

DOT Quality Grades

Treadwear

Traction AA A B C

Temperature A B C

All passenger car tires must conform to Federal Safety Requirements in addition to these grades.◄

Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half (11/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction

The traction grades, from highest to lowest, are AA, A, B, and C.

Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature

The temperature grades are A, the highest, B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

Temperature grade for this tire

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.◄

RSC – Run-flat tires

The symbol identifying run-flat tires is a circle with the letters RSC on the sidewall, refer to page 119.

M+S

Winter and all-season tires.

These have better winter properties than summer tires.

XL

Designation for specially reinforced tires.

Tire tread

Summer tires

Do not drive with a tire tread depth of less than 0.12 in/3 mm.

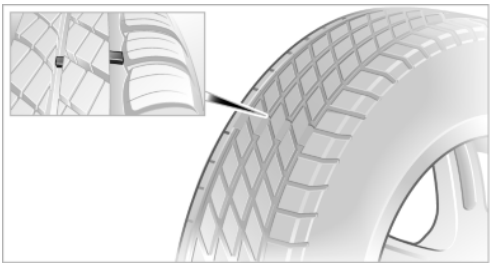
There is an increased danger of hydroplaning if the tread depth is less than 0.12 in/3 mm.

Winter tires

Do not drive with a tire tread depth of less than 0.16 in/4 mm.

Below a tread depth of 0.16 in/4 mm, tires are less suitable for winter operation.

Minimum tread depth



Wear indicators are distributed around the tire's circumference and have the legally required minimum height of 0.063 in/1.6 mm.

They are marked on the side of the tire with TWI, Tread Wear Indicator.

Tire damage

Inspect your tires often for damage, foreign objects lodged in the tread, and tread wear.

Indications of tire damage or other vehicle defects:

- Unusual vibrations during driving.
- Unusual handling such as a strong tendency to pull to the left or right.

In case of tire damage

If there are indications of tire damage, reduce your speed immediately and have the wheels and tires checked right away; otherwise, there is the increased risk of an accident.

Drive carefully to the next service center or tire shop.

If necessary, have the vehicle towed.◄

Repair of tire damage

For safety reasons, the manufacturer of your vehicle recommends that you do not have damaged tires repaired; they should be replaced. Otherwise, damage can occur as a result.◄

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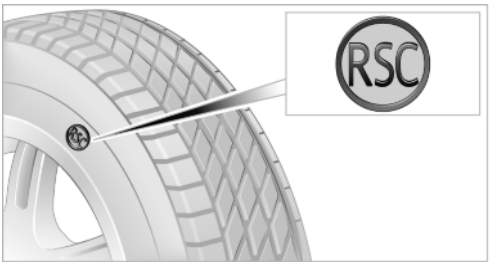
Run-flat tires

Label



RSC label on the tire sidewall.

The wheels are composed of special rims and tires that are self-supporting, to a limited degree.

The support of the sidewall allows the tire to remain drivable to a restricted degree in the event of a pressure loss.

Driving with a damaged tire:

- ▷ Flat Tire Monitor FTM*, refer to page 72
- ▷ Tire Pressure Monitor TPM*, refer to page 73

Changing run-flat tires

For your own safety, only use run-flat tires. No spare tire is available in the case of a flat tire. Your service center will be glad to advise you.

Tire age

Recommendation

Regardless of wear, replace tires at least every 6 years.

Manufacture date

On the sidewall:

DOT ... 0710: the tire was manufactured in week 7 of 2010.

Changing wheels and tires

Mounting

Information on mounting tires

Have mounting and balancing performed only by a service center or tire specialist.

If this work is not carried out properly, there is the danger of subsequent damage and related safety hazards.◄

Wheel and tire combination

Information on the correct wheel-tire combination and rim versions for your vehicle can be obtained from your service center.

Incorrect wheel and tire combinations impair the function of a variety of systems such as ABS or DSC.

To maintain good handling and vehicle response, use only tires with a single tread configuration from a single manufacturer.

Following tire damage, have the original wheel and tire combination remounted on the vehicle as soon as possible.

Approved wheels and tires

The manufacturer of your vehicle recommends that you use only wheels and tires that have been approved for your particular vehicle model.

For example, despite having the same official size ratings, variations can lead to body contact and with it, the risk of severe accidents.

The manufacturer of your vehicle cannot evaluate non-approved wheels and tires to determine if they are suited for use, and therefore cannot ensure the operating safety of the vehicle if they are mounted.◄

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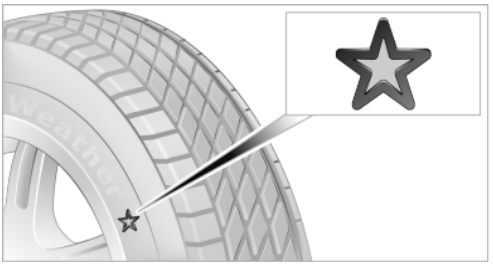
Recommended tire brands



For each tire size, the manufacturer of your vehicle recommends certain tire brands. These can be identified by a star on the tire sidewall.

With proper use, these tires meet the highest standards for safety and handling.

Retreaded tires

The manufacturer of your vehicle does not recommend the use of retreaded tires.

Retreaded tires

Possibly substantial variations in the design and age of the tire casing structures can limit service life and have a negative impact on road safety.◄

Winter tires

The manufacturer of your vehicle recommends winter tires for winter roads or at temperatures below +45 °F/+7 °C.

Although so-called all-season M+S tires do provide better winter traction than summer tires, they do not provide the same level of performance as winter tires.

Maximum speed of winter tires

If the maximum speed of the vehicle is higher than the permissible speed for the winter tires, then display a corresponding sign in the field of vision. You can obtain this sign from the tire specialist or from your service center.

Maximum speed for winter tires

Do not exceed the maximum speed for the winter tires; otherwise, tire damage and accidents can occur.◄

Run-flat tires

For your own safety, only use run-flat tires. No spare tire is available in the case of a flat tire. Your service center will be glad to advise you.

Rotating wheels between axles

The manufacturer of your vehicle advises against swapping wheels between the front and rear axles.

This can impair the handling characteristics.

Rotating the tires is not permissible when using different types of tires.

Storage

Store wheels and tires in a cool, dry place with as little exposure to light as possible.

Always protect tires against all contact with oil, grease and fuels.

Do not exceed the maximum tire inflation pressure indicated on the side wall of the tire.

Snow chains*

Only certain fine-link snow chains have been tested by BMW, classified as safe for use and recommended. Consult your service center for more information.

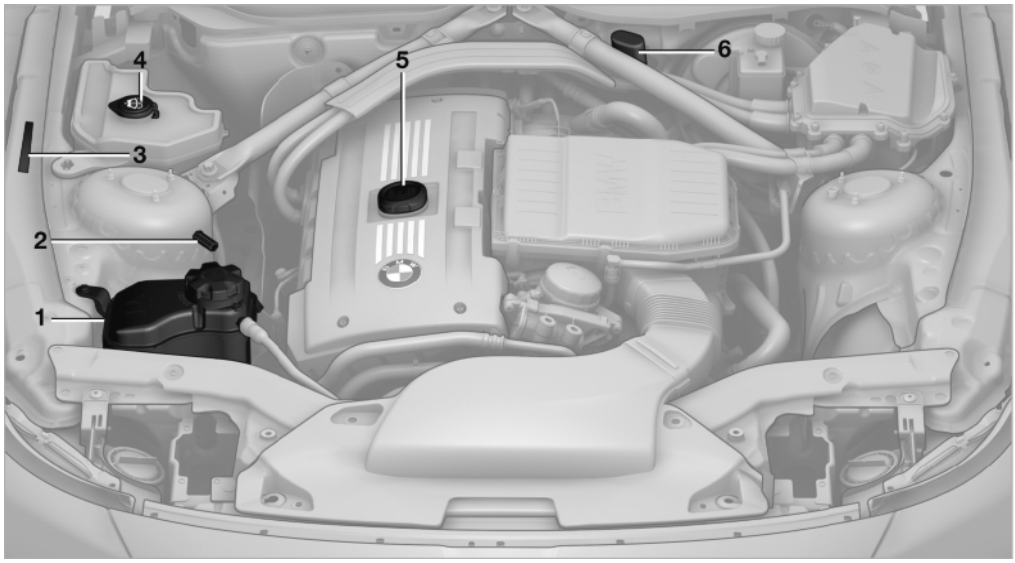
Snow chains must be mounted in pairs and on the rear wheels only. Observe the manufacturer's instructions when mounting snow chains. Do not exceed a speed of 30 mph/50 km/h when using snow chains.

Do not initialize the Flat Tire Monitor if snow chains are mounted; otherwise, the instrument might issue an incorrect reading.

When driving with snow chains, it can be beneficial to temporarily activate DTC, refer to page 79.

Engine compartment

Important features in the engine compartment



1 Coolant expansion tank 124
2 Jump-starting connection, negative terminal 133
3 Vehicle identification number*
4 Filler neck for washer fluid for the headlamp and window washer system 49
5 Engine oil filler neck 123
6 Jump-starting connection, positive terminal 133

Hood

Opening the hood

Working in the engine compartment

Never attempt to perform any service or repair operations on your vehicle without the necessary professional technical training.

If you are unfamiliar with the statutory guidelines, have any work on the vehicle performed only by a service center.

If this work is not carried out properly, there is the danger of subsequent damage and related safety hazards.◄

To avoid damage, make sure that the wiper arms are resting against the windshield before you open the engine compartment. Do not open the engine hood before the engine has cooled down; otherwise, injuries may result.◄

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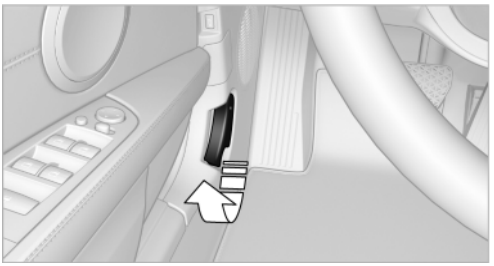
1. Pull the lever.



2. Push the release lever to the right and open the hood.

Danger of injury when the hood is open

There is a danger of injury from protruding parts when the hood is open.◄

Closing the hood

Close the hood from a height of approx. 16 in/ 40 cm with momentum. It must be clearly heard to engage.

Hood open when driving

If you see any signs that the hood is not completely closed while driving, pull over immediately and close it securely.◄

Danger of pinching

Make sure that the closing path of the hood is clear; otherwise, injuries may result.◄

Checking the oil level

The concept

Your car is equipped with an electronic oil-level monitor.

Requirements

- The engine must be running and warm after the vehicle has been driven for at least 6.2 miles/10 km.
- The vehicle is stopped or being driven on a level roadway.

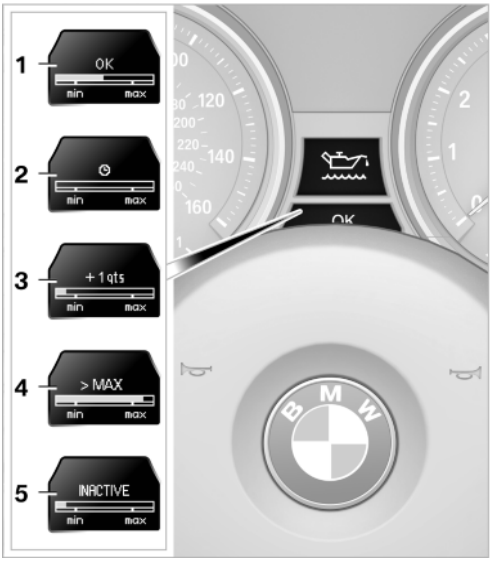
Display in the instrument cluster

1. Push button 1 in the turn indicator lever up or down repeatedly until the appropriate symbol appears in the display, accompanied by the word "OIL".
2. Press button 2 in the turn indicator lever. The oil level is checked and the reading displayed.

Possible displays

Too much engine oil

Have the vehicle checked immediately; otherwise, surplus oil can lead to engine damage.◄



1 Oil level OK

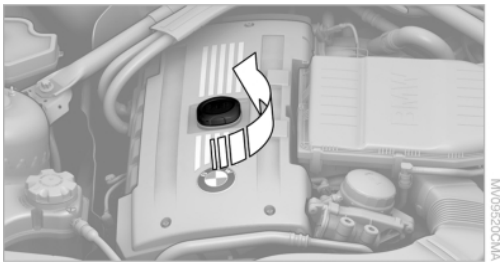
2 Oil level is being checked. This can take about 3 minutes if the car is at a standstill on a level surface, or about 5 minutes while the car is on the move.

3 Oil level at minimum: add engine oil as soon as possible, but no more than 1 US quart/ 1 liter.

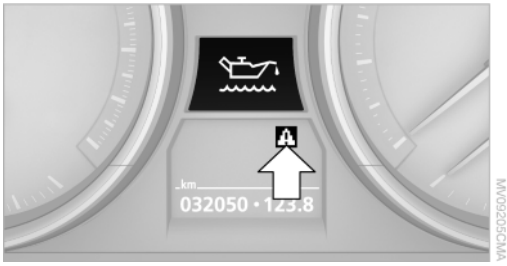
4 Oil level is too high.

5 The oil level sensor is defective. Do not add engine oil. It is possible to continue driving. Note the newly calculated remaining mileage until the next oil service. Have the system checked as soon as possible.

Adding engine oil



Add a maximum quantity of 1 US quart/1 liter of oil only after the following warning lamp lights up in the instrument cluster or the oil level monitor shows "+1qt" or "+1l".



Add oil promptly

Add oil within the next 125 miles/200 km; otherwise, engine damage could result.◄

Protect children

Keep oil, grease, etc., out of reach of children and heed the warnings on the containers to prevent health risks.◄

Oil change

Have oil changed only at your service center or at a workshop that works according to BMW repair procedures with correspondingly trained personnel.

Oil types

Note

No oil additives

Oil additives may lead to engine damage.◄

Approved oil types

Your service center can advise you on which engine oils have been approved by the manufacturer of your vehicle.

The engine oil quality is critical for the life of the engine.

Only use approved BMW High Performance oil.

Approved oils belong to the following viscosity classes: SAE 0W-40, SAE 0W-30, SAE 5W-40, and SAE 5W-30.

Alternative oil types

If the approved engine oils are not available, up to 1 US quart/liter of another oil with the following specification may be used.

API SM specifications or higher

BMW recommends Castrol

Coolant

General information

Danger of burns from hot engine

Do not open the cooling system while the engine is hot; otherwise, escaping coolant may cause burns.◀

Suitable additives

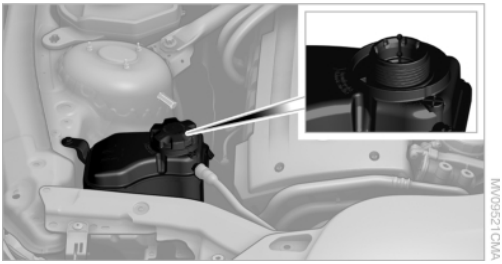
Only use suitable additives; otherwise, engine damage may occur. The additives are harmful to your health.◀

Coolant consists of water and additives.

Not all commercially available additives are suitable for your vehicle. Ask your service center for suitable additives.

Checking the coolant level

1. Let the engine cool.
2. Turn the expansion tank cap counterclockwise slightly to allow any accumulated pressure to escape, then continue turning to open.
3. The coolant level is correct if it is between the maximum and minimum marks in the filler neck, refer also to the diagram next to the filler neck.



4. If the coolant is low, slowly add coolant up to the specified level; do not overfill.
5. Turn the cap until there is an audible click.
6. Have the cause of the coolant loss eliminated as soon as possible.

Disposal

Comply with the appropriate environmental protection regulations when disposing of coolant additives.

Maintenance

BMW Maintenance System

The system obtains information about the road safety and operational reliability of the vehicle and takes into account aspects such as a timely vehicle check. The aim is to optimize maintenance procedures with a view to reducing the cost of running the vehicle.

Condition Based Service CBS

Sensors and special algorithms take into account the driving conditions of your vehicle. Based on this, Condition Based Service determines the maintenance requirements.

The system makes it possible to adapt the amount of maintenance you need to your user profile.

Details on the service requirements, refer to page 62, can be displayed on the instrument cluster.

Service data in the remote control

Information on the required maintenance is continuously stored in the remote control. Your service center will read out this data and suggest the right array of service procedures for your vehicle.

Therefore, hand your service specialist the remote control that you used most recently.

Storage periods

Storage periods during which the vehicle battery was disconnected are not taken into account.

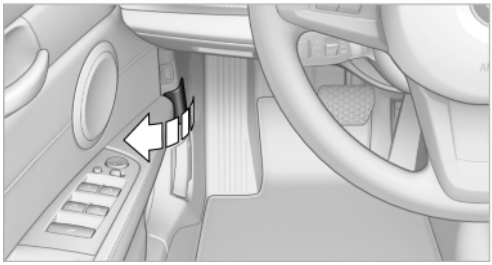
If this occurs, have a service center update the time-dependent maintenance procedures, such as checking brake fluid and, if necessary, changing the engine oil and the microfilter/activated-charcoal filter.

Service and Warranty Information Booklet for US models and Warranty and Service Guide Booklet for Canadian models

Please consult your Service and Warranty Information Booklet for US models and Warranty and Service Guide Booklet for Canadian models for additional information on service requirements.

Maintenance and repair should be performed by your service center. Make sure to have regular maintenance procedures recorded in the vehicle's Service and Warranty Information Booklet for US models, and in the Warranty and Service Guide Booklet for Canadian models. These entries are proof of regular maintenance.

Socket for OBD Onboard Diagnosis



An OBD socket for testing components that are critical to exhaust composition is located under a cover on the driver's side.

Emissions values

SERVICE ENGINE SOON

- The warning lamp lights up:

  The emissions values are deteriorating. Have the vehicle checked as soon as possible.
- The warning lamp flashes under certain circumstances:

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This indicates that there is excessive misfiring in the engine.

Reduce the vehicle speed and have the system checked immediately; otherwise, serious engine misfiring within a brief period can seriously damage emission control components, in particular the catalytic converter.

Display of the previously described malfunctions on Canadian models.

Fuel cap

The indicator lamp lights up.

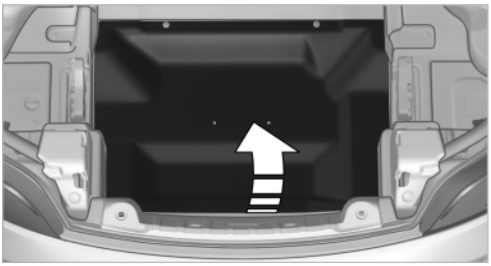
If the fuel cap is not properly tightened, the OBD system may conclude that fuel vapor is escaping. If the cap is then tightened, the display should go out in a short time.

Data memory

Your vehicle records data relating to vehicle operation, faults and user settings. These data are stored in the remote control and can be read out with suitable devices, particularly when the vehicle is serviced. The data obtained in this way provide valuable information for service processes and repair or for optimizing and developing vehicle functions further. In addition, if you signed a service contract for Assist, certain vehicle data can be sent directly from the vehicle to facilitate the desired services.

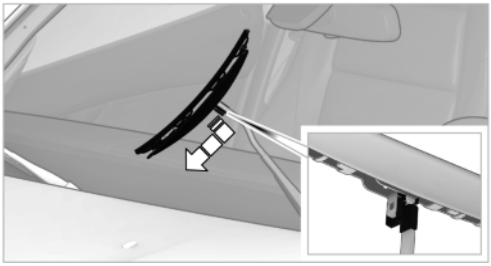
Replacing components

Tool kit



The onboard vehicle tool kit is stored in a pouch under the trunk floor panel.

Replacing the wiper blades



1. Fold up the wiper arm.
2. Fold the wiper blade upwards.
3. Press the hook.
4. Pull the wiper blade downward out of the holder and remove it toward the top left, see arrow.

Do not fold out the wiper arms

To avoid damage, make sure that the wiper arms are resting against the windshield before you open the engine compartment.◂

Lamp and bulb replacement

General information

Lamps and bulbs make an essential contribution to vehicle safety.

The manufacturer of your vehicle recommends that you entrust corresponding procedures to your service center if you are unfamiliar with them or they are not described here.

You can obtain a selection of replacement bulbs at your service center.

Danger of burns

Only change bulbs when they are cool; otherwise, there is the danger of getting burned.◂

Working on the lighting system

When working on the lighting system, you should always switch off the lights affected to prevent short circuits.

To avoid possible injury or equipment damage when replacing bulbs, observe any instructions provided by the bulb manufacturer.◂

Do not touch the bulbs

Do not touch the glass of new bulbs with your bare hands, as even minute amounts of contamination will burn into the bulb's surface and reduce its service life.

Use a clean tissue, cloth or something similar, or hold the bulb by its base.◂

Light-emitting diodes LED

Light-emitting diodes installed behind translucent lenses serve as the light source for many of the controls and displays in your vehicle.

These light-emitting diodes, which operate using a concept similar to that applied in conventional lasers, are officially designated as Class 1 light-emitting diodes.

Do not remove the covers

Do not remove the covers, and never stare into the unfiltered light for several hours; otherwise, irritation of the retina could result.◂

Headlamp glass

Condensation can form on the inside of the external lamps in cool or humid weather. When the

light is switched on, the condensation evaporates after a short time. The headlamp glasses do not need to be changed.

If there is a large amount of moisture, e.g., water droplets form in the lamp, have the lamp checked by your service center.

Xenon headlamps

Because of the long life of these bulbs, the likelihood of failure is very low. Switching the lamps on and off frequently shortens their life.

Do not perform work/bulb replacement on xenon headlamps

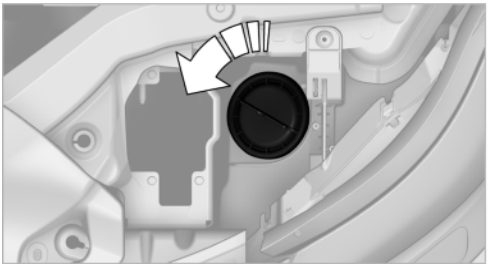
Have any work on the xenon lighting system, including bulb replacement, performed only by a service center.

Due to the high voltage present in the system, there is the danger of fatal injuries if work is carried out improperly.◄

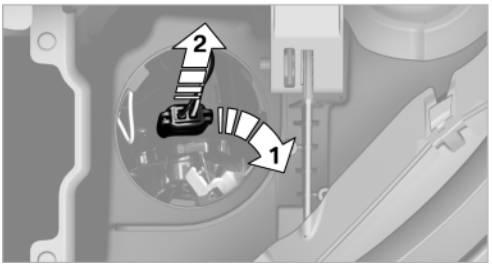
Parking and roadside parking lamps, daytime running lights

H8 bulb, 35 watts

1. Switch off the lamps and take the remote control out of the ignition lock.
2. Turn the upper access cover to the left and remove it, see arrow.



3. Turn the bulb by approx. 90°, see arrow 1, and pull it out, see arrow 2.



4. Disconnect the plug, change the bulb and reconnect the plug.
5. Insert the bulb and turn it until it stops.
6. Screw on the access cover tightly by turning it to the right.

Attach the access cover carefully

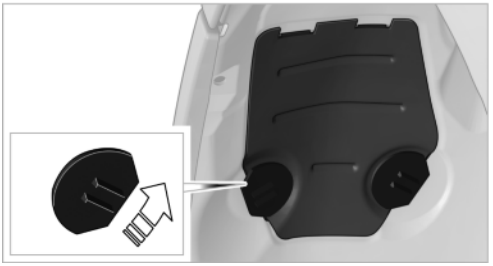
Be careful when attaching the access cover; otherwise, it may leak, causing damage to the headlamp system.◄

Turn signals, front

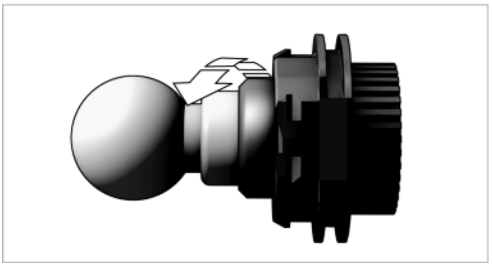
P24W bulb, 24 watt

1. Turn the wheel outwards.

2. Turn both locks in the wheel house to the left and remove the cover.



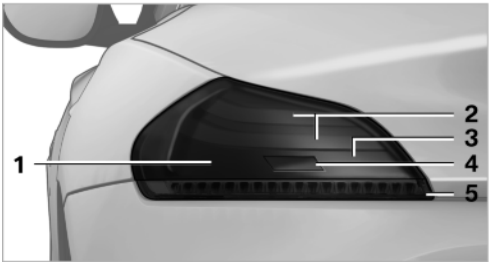
3. Turn the bulb holder to the left and remove it.
4. Turn the bulb to the right, see arrow, and remove it.



5. Change the bulb and screw it into the bulb holder toward the left.
6. Insert the bulb holder and turn it to the right.
7. Reattach the cover.

Tail lamps

▷ Brake lamp, backup lamp: W16W bulb, 16 watt



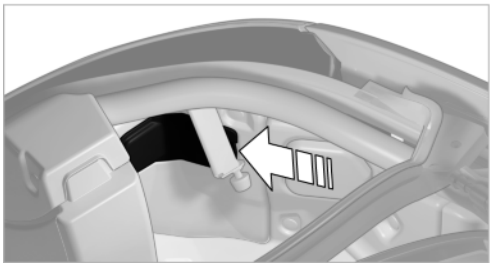
1 Brake lamp
2 Tail lamp, LED
3 Brake lamp
4 Backup lamp
5 Turn signal/dynamic brake lamp*, LED

The lamps of bulbs 2 and 5 use LED technology.

Follow the general instructions on lamps and bulbs, refer to page 127.

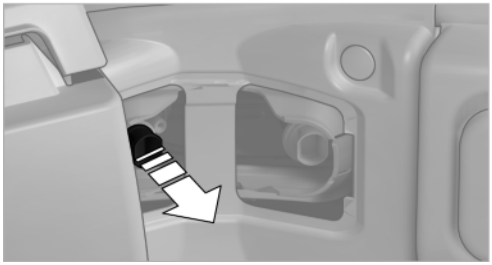
Please contact your service center in the event of a malfunction.

Changing the backup lamp and inner brake lamp



Press the locking mechanism in the trunk, see arrow, and remove the cover.

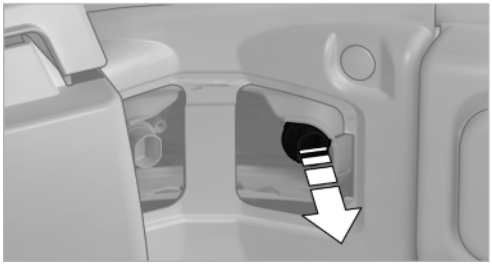
Inner brake lamp



Pull out the bulb holder and replace the bulb.

Fasten the bulb holder and attach the cover.

Backup lamp



Pull out the bulb holder and replace the bulb.

Fasten the bulb holder and attach the cover.

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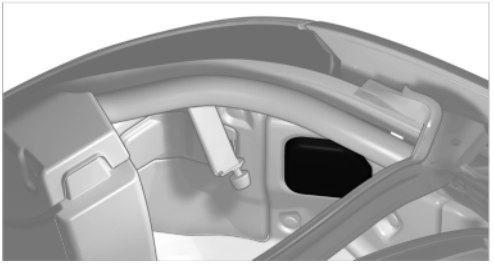
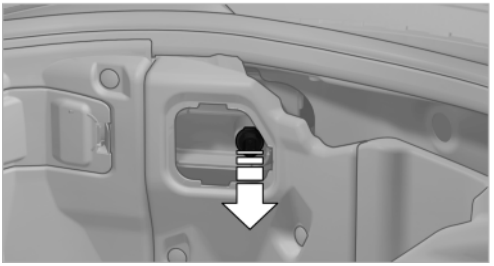
Changing the outer brake lamp

1. Remove the cover in the trunk.



2. Pull out the bulb holder, see arrow, and change the bulb.



3. Attach the bulb holder.
4. Reattach the cover.

License plate lamp, tail lamp, center brake lamp and turn signal

These lamps are made using LED technology.

Please contact your service center in the event of a malfunction.

Changing wheels

Notes

Your vehicle is equipped with run-flat tires, refer to page 119, as standard equipment.

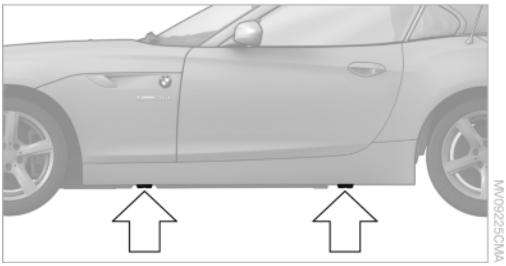
They do not need to be replaced immediately in the event of a puncture.

When mounting new tires or changing from summer to winter tires or vice versa, use run-flat tires for your own safety.

No spare tire is available in the case of a flat tire.

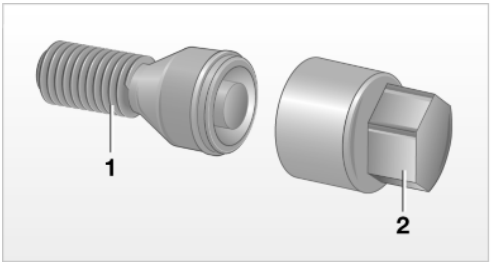
The tools for changing wheels are available as accessories from your service center.

Jacking points for the vehicle jack



The jacking points for the vehicle jack are located in the positions shown.

Lug bolt lock*



1 Lug bolt for adapter

2 Adapter, in onboard vehicle tool kit

Removing

1. Attach adapter 2 to the wheel lug.
2. Unscrew lug bolt 1.

Remove the adapter after screwing the lug bolt back on.

Vehicle battery

Maintenance

The battery is maintenance-free, i.e., the electrolyte will last for the life of the battery.

Your service center will be glad to advise you on questions regarding the battery.

Battery replacement

Use approved vehicle batteries.

Only use vehicle batteries that have been approved for your vehicle by the manufacturer; otherwise, the vehicle could be damaged and systems or functions may not be fully available.◄

After a battery replacement, have the battery registered on the vehicle by your service center to ensure that all comfort functions are fully available.

Charging the battery

In the vehicle, only charge the battery via the terminals in the engine compartment, refer to page 121, with the engine switched off.

Power failure

After a temporary power loss, some equipment needs to be reinitialized.

Individual settings need to be reprogrammed:

- Seat, mirror, and steering wheel memory: store the positions again, refer to page 38.
- Time: update, refer to page 61.
- Date: update, refer to page 61.
- Radio station: store again, refer to the separate Owner's Manual for Radio.
- Interior rearview mirror with digital compass: recalibrate, refer to page 93.

Disposing of old batteries

Have old batteries disposed of by your service center or bring them to a recycling center.

Maintain the battery in an upright position for transport and storage. Secure the battery so that it does not tip over during transport.

Fuses

Notes

Replacing fuses

Never attempt to repair a blown fuse and do not replace a defective fuse with a substitute of another color or amperage rating; this could lead to a circuit overload, ultimately resulting in a fire in the vehicle.◄

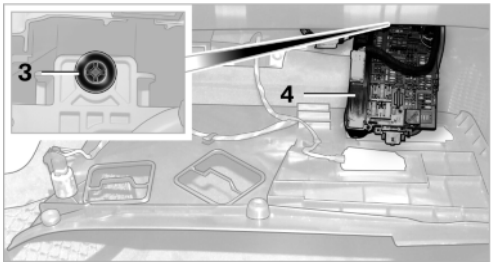
A pair of plastic tweezers is found on the current distributor.

See the inside of the cover for information on fuse assignment.

Below the glove box

1. Remove the screws 1 using the screwdriver from the onboard vehicle tool kit.
2. Remove cover 2, unwinding the cable to the footwell lamp* if necessary.

3. Release the shiny fastener 3.



4. Fold the current distributor 4 downward and pull forward.

The cover is reinstalled in reverse order.

Giving and receiving assistance

Hazard warning system

The button for the hazard warning system is located on the center console.

Emergency Request*

Requirements

- BMW Assist is activated. Activating BMW Assist, refer to the separate Owner's Manual.
- Radio ready state is activated.
- The BMW Assist system is logged on to a wireless network.
- The Assist system is operable.
- Equipment version with full preparation package mobile phone. This equipment makes it possible to send an Emergency Request even if no mobile phone is paired with the vehicle.

Once your service contract for BMW Assist expires, the BMW Assist system can be deactivated by a BMW center without you having to visit a workshop. Once the BMW Assist system has been deactivated, Emergency Requests are not possible. The BMW Assist system can be reactivated by a BMW center after a new contract has been signed.

Initiating an Emergency Request

1. Briefly press the cover flap to open.

2. Press the SOS button until 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.

Once the BMW Assist Response Center has received your Emergency Request, the BMW Assist Response Center contacts you and takes further steps to help you. Even if you are unable to respond, the BMW Assist Response Center will be able to initiate further steps to assist you under certain conditions.

If the circumstances allow this, remain in the vehicle until the connection has been established. You will then be able to provide a detailed description of the situation.

In the event of a BMW Assist Emergency Request, data that are used to determine the necessary rescue measures, such as the current position of your vehicle if it can be established, are transmitted to the BMW Assist Response Center.

If the LED is flashing but the BMW Assist Response Center cannot be heard on the hands-free system, the hands-free system may be malfunctioning. However, the BMW Assist Response Center may still be able to hear you.

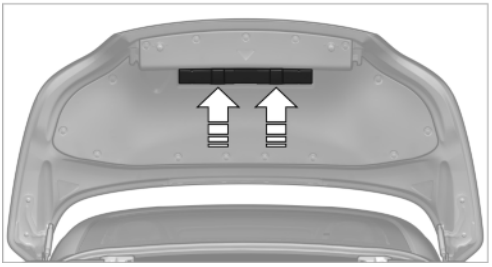
Under certain conditions, an Emergency Request is automatically initiated immediately after a severe accident. This Automatic Collision No-

tification is not affected by the button being pressed.

Emergency Request not guaranteed

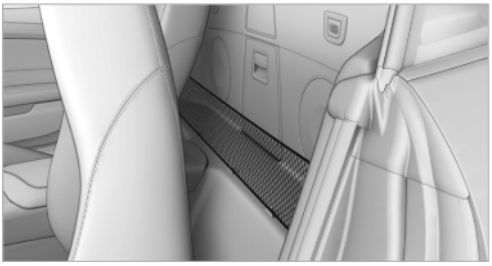
For technical reasons, the Emergency Request cannot be guaranteed under unfavorable conditions.◄

Warning triangle*



The warning triangle is located in a holder in the trunk lid. Press the tabs to take it out.

First aid kit*



The first aid pouch is located on the lateral storage shelf behind the seats.

Some of the articles contained in the first aid pouch have a limited service life.

Check the expiration dates of the contents regularly and replace any items promptly.

Roadside Assistance

Service availability

Roadside Assistance can be reached around the clock in many countries. You can obtain assistance there in the event of a vehicle breakdown.

The Roadside Assistance phone numbers can be found in the Contact brochure.

Jump starting

Notes

If the battery is discharged, an engine can be started using the battery of another vehicle and two jumper cables. Only use jumper cables with fully insulated clamp handles.

To prevent personal injury or damage to both vehicles, adhere strictly to the following procedure.

Do not touch live parts

To avoid the risk of potentially fatal injury, always avoid all contact with electrical components while the engine is running.◄

Preparation

1. Check whether the battery of the other vehicle has a voltage of 12 volts and approximately the same capacitance in Ah. This information can be found on the battery.
2. Switch off the engine of the assisting vehicle.
3. Switch off any electronic systems/power consumers in both vehicles.

   Bodywork contact between vehicles

   Make sure that there is no contact between the bodywork of the two vehicles; otherwise, there is the danger of short circuits.◄

Starting aid terminals

Connecting order

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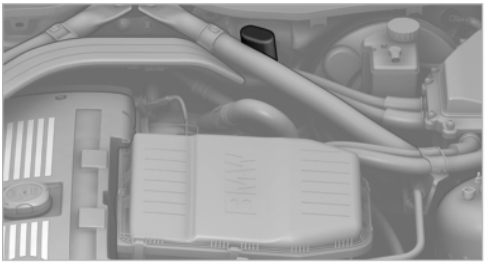
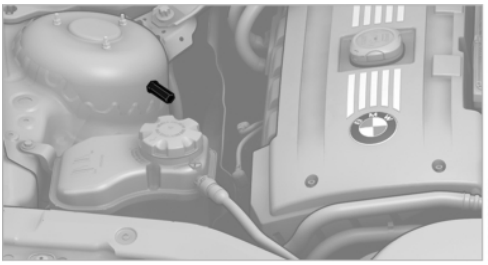
Connect the jumper cables in the correct order; otherwise, there is the danger of injury from sparking.◂



The so-called starting aid terminal in the engine compartment acts as the battery's positive terminal.



The body ground or a special nut acts as the negative terminal.

Connecting jumper cables

1. Pull off the cap of the BMW starting aid terminal.
2. Attach one terminal clamp of the positive jumper cable to the positive terminal of the battery, or to the corresponding starting aid terminal of the vehicle providing assistance.
3. Attach the other end of the cable to the positive terminal of the battery, or to the corresponding starting aid terminal of the vehicle to be started.
4. Attach one terminal clamp of the negative jumper cable to the negative terminal of the battery, or to the corresponding engine or body ground of the vehicle providing assistance.
5. Attach the other end of the cable to the negative terminal of the battery, or to the corresponding engine or body ground of the vehicle to be started.

Starting the engine

Never use spray fluids to start the engine.

1. Start the engine of the assisting vehicle and let it run for several minutes at an increased idle speed.
2. Start the engine of the other vehicle as usual.

   If the first starting attempt is not successful, wait a few minutes before making another attempt in order to allow the discharged battery to recharge.
3. Let both engines run for several minutes.
4. Disconnect the jumper cables in the reverse order.

Check the battery and recharge if necessary.

Tow-starting and towing

Tow fitting

The screw-in tow fitting should always be carried in the vehicle. It can be screwed in at the front or rear of the BMW.

It is stored in the onboard vehicle tool kit under the floor panel in the trunk, refer to page 127.

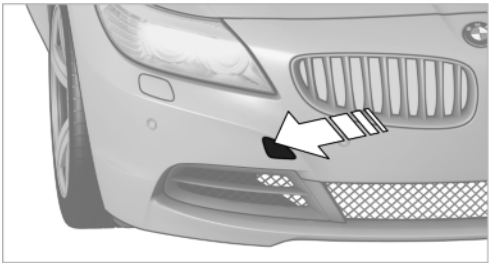
Tow fitting, information on use

- ▷ Use only the tow fitting provided with the vehicle and screw it all the way in.
- ▷ Use the tow fitting for towing on paved roads only.
- ▷ Avoid lateral loading of the tow fitting, e.g., do not lift the vehicle by the tow fitting.

Otherwise, damage to the tow fitting and the vehicle can occur.◂

Screw thread

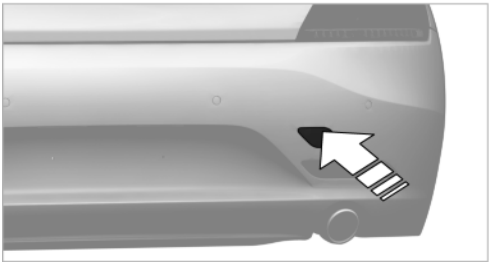
Front



Release the cover panel in the bumper:

Press on the recess at the bottom left in the cover panel.

Rear



Release the cover panel in the bumper:

Press on the recess at the bottom center in the cover panel.

Towing

General information

Light towing vehicle

The towing vehicle must not be lighter than the vehicle being towed; otherwise, it will not be possible to control the vehicle response.◄

Attaching the tow bar/tow rope correctly

Attach the tow bar or tow rope to the tow fitting; connecting it to other vehicle parts may cause damage.◄

Do not tow when the electronics system has failed

Do not tow the vehicle when the electronics system has failed; otherwise, the electric steering lock cannot be unlocked and the vehicle cannot be steered.◄

Observe before towing

The parking brake is blocked

The parking brake cannot be released manually.

When the parking brake is blocked, do not tow with the front axle lifted or the vehicle can be damaged.

Contact your service center.◄

Manual transmission

Gearshift lever in neutral position.

Automatic transmission

Selector lever in position N.

Change the selector lever position, refer to page 50.

Adhere to the towing speed and distance

Do not exceed a towing speed of 30 mph/50 km/h and a towing distance of 30 miles/50 km or damage to the transmission can occur.◄

7-gear sport automatic transmission with dual clutch

Manually release the transmission lock

Manually release the transmission lock, even if there is no malfunction involving the transmission. Otherwise, there is the danger that the transmission lock will be engaged automatically during towing.◄

Manually release the transmission lock, refer to page 55.

Adhere to the towing speed and distance

Do not exceed a towing speed of 30 mph/50 km/h and a towing distance of 30 miles/50 km or damage to the transmission can occur.◄

Observe during towing

Observe the notes on towing

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Observe all notes on towing or vehicle damage or accidents can occur.◄

- Make sure that the ignition is switched on; otherwise, the low beams, tail lamps, turn signals, and windshield wipers may be unavailable.
- When the engine is stopped, there is no power assist. Consequently, more force needs to be applied when braking and steering.
- Larger steering wheel movements are required.
- Switch on the hazard warning system, depending on local regulations.
- If the electrical system has failed, clearly identify the vehicle being towed by placing a sign or a warning triangle in the rear window.

Towing methods

Do not lift the vehicle

Do not lift the vehicle by the tow fitting or body and chassis parts; otherwise, damage may result.◄

Tow bar

The tow fittings used should be on the same side on both vehicles.

Should it prove impossible to avoid mounting the tow bar at an offset angle, please observe the following:

- Clearance and maneuvering capability will be sharply limited during cornering.
- The tow bar will generate lateral forces if it is attached offset.

Tow rope

When starting to tow the vehicle, make sure that the tow rope is taut.

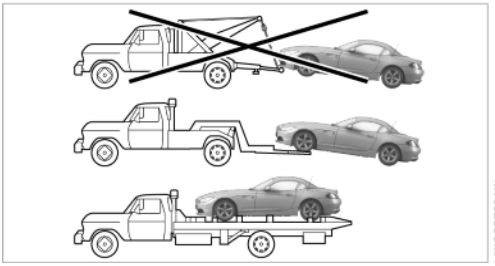
To avoid jerking and the associated stresses on the vehicle components when towing, always use nylon ropes or nylon straps.

Attaching the tow rope correctly

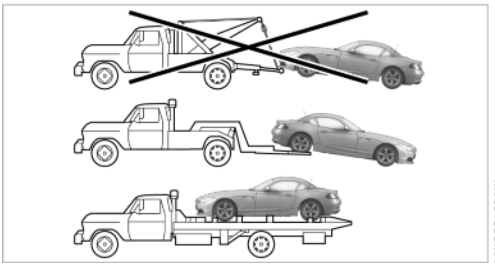
Only secure the tow rope on the tow fitting; otherwise, damage can occur when it is secured on other parts of the vehicle.◄

Tow truck

Manual and automatic transmission:



7-gear sport automatic transmission with dual clutch:



Have the BMW transported with a tow truck with a so-called lift bar or on a flat bed.

Do not lift the vehicle

Do not lift the vehicle by the tow fitting or body and chassis parts; otherwise, damage may result.◄

Secure the vehicle against rolling off

Apply the parking brake after towing and secure the vehicle against rolling off if necessary.

Have the operability of transmission position P checked by the service center.◄

Tow-starting

Do not tow-start if the electrical system has failed

Do not tow-start the vehicle if the electrical system has failed; otherwise, the electric steering

lock cannot be unlocked and the vehicle cannot be steered.◄

Vehicles with an automatic transmission or 7-gear sport automatic transmission with dual clutch cannot be tow-started at all.

If possible, do not tow-start the vehicle but start the engine by jump-starting, refer to page 133, it. If the vehicle is equipped with a catalytic converter, only tow-start while the engine is cold.

1. Switch on the hazard warning system and comply with local regulations.
2. Switch on the ignition, refer to page 44.
3. Shift into 3rd gear.
4. Have the vehicle tow-started with the clutch pressed and slowly release the clutch. After the engine starts, immediately depress the clutch completely again.
5. Stop at a suitable location, remove the tow bar or rope, and switch off the hazard warning system.
6. Have the vehicle checked.

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Care

Car washes

Notes

Steam jets or high-pressure washers

When using steam jets or high-pressure washers, hold them a sufficient distance away and use a maximum temperature of 140 °F/ 60 °C.

Holding them too close or using excessively high pressures or temperatures can cause damage or preliminary damage that may then lead to long-term damage.

Follow the operating instructions for the high-pressure washer.◄

Cleaning sensors/cameras with high-pressure washers

When using high-pressure washers, do not spray the seals of the retractable hardtop and the exterior sensors and cameras, for Park Distance Control*, for instance, for extended periods of time and only from a distance of at least 12 in/30 cm.◄

Wash your vehicle frequently, particularly in winter.

Intense soiling and road salt can damage the vehicle.

Washing in automatic car washes

Your vehicle can be washed in automatic car washes right from the start.

Give preference to cloth car washes or those that use soft brushes in order to avoid paint damage.

Notes

Note the following:

- Make sure that the wheels and tires are not damaged by the transport mechanisms.
- Fold in the exterior mirrors; otherwise, they may be damaged, depending on the width of the vehicle.
- Deactivate the rain sensor, refer to page 49, to avoid unintentional wiper activation.
- Unscrew the road antenna*.

Guide rails in car washes

Avoid car washes with guide rails higher than 4 in/10 cm; otherwise, the vehicle body could be damaged.◄

Before driving into a car wash

The vehicle is able to roll if the following steps are taken.

Manual transmission

1. Shift to neutral.
2. Release the parking brake, refer to page 46.
3. Switch the engine off.

Automatic transmission*

1. Insert the remote control into the ignition lock, even with Comfort Access.
2. Move the selector lever to position N.
3. Release the parking brake, refer to page 46.
4. Switch the engine off.
5. Leave the remote control in the ignition lock so that the vehicle can roll.

7-gear sport automatic transmission with dual clutch*

1. Insert the remote control into the ignition lock, even with Comfort Access.
2. Engage transmission position N.
3. Release the parking brake, refer to page 46.
4. Switch the engine off.
5. Leave the remote control in the ignition lock so that the vehicle can roll.

Transmission position P is engaged automatically:

- Automatically after approx. 30 minutes.
- When the remote control is removed from the ignition lock.

Headlamps

- Do not rub dry and do not use abrasive or caustic cleansers.
- Soak areas that have been soiled e.g. due to insects, with shampoo and wash off with water.
- Thaw ice with de-icing spray; do not use an ice scraper.

Retractable hardtop

When you open a wet hardtop, water drops may run into the cargo area. If necessary, remove items from the trunk beforehand to avoid water stains or soiling.

After washing the vehicle

After washing the vehicle, apply the brakes briefly to dry them; otherwise, braking action can be reduced and corrosion of the brake discs can occur.

Vehicle care

Car care products

BMW recommends using cleaning and care products from BMW, since these have been tested and approved.

Car care and cleaning products

Follow the instructions on the container.

When cleaning the interior, open the doors or windows.

Only use products intended for cleaning vehicles.

Cleansers can contain substances that are dangerous and harmful to your health.◂

Vehicle paint

Regular care contributes to driving safety and value retention.

Environmental influences can act on the vehicle paint. Tailor the frequency and extent of your car care to these influences.

Leather care

Remove dust from the leather often, using a cloth or vacuum cleaner.

Otherwise, particles of dust and road grime chafe in pores and folds, and lead to increased wear and premature degradation of the leather surface.

To guard against discoloration, such as from clothing, provide leather care roughly every two months.

Clean light-colored leather more frequently as dust and dirt are more noticeable.

Use leather care products; otherwise, dirt and grease will gradually break down the protective layer of the leather surface.

Suitable care products are available from the service center.

Upholstery material care

Vacuum regularly with a vacuum cleaner.

If they are very dirty, e.g., beverage stains, use a soft sponge or microfiber cloth with a suitable interior cleaner.

Clean the upholstery down to the seams using large sweeping motions. Avoid rubbing the material vigorously.

Damage from Velcro® fasteners

Open Velcro® fasteners on pants or other articles of clothing can damage the seat covers. Ensure that any Velcro® fasteners are closed.◂

Caring for special components

Light-alloy wheels

Use wheel cleaner, particularly during the winter months. Do not use aggressive, acidic, strongly alkaline or abrasive cleaners, or steam jets

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above 140 °F/60 °C; follow the manufacturer's instructions.

Chrome surfaces*

Carefully clean components such as the radiator grille or door handles with an ample supply of water, possibly with shampoo added, particularly when they have been exposed to road salt.

Rubber components

Aside from water, treat only with rubber cleansers.

When cleaning rubber seals, do not use any silicon-containing car care products in order to avoid damage or reduced noise damping.

Fine wood parts*

Clean fine wood facing and fine wood components only with a moist rag. Then dry with a soft cloth.

Plastic components

These include:

- Headliner.
- Lamp lenses.
- Instrument cluster cover.
- Matte black spray-coated components.

Clean with a microfiber cloth.

Moisten the cloth lightly and use plastic cleanser, if necessary.

Do not soak the headliner.

Do not use cleansers that contain alcohol or solvents

Do not use cleansers that contain alcohol or solvents, such as lacquer thinners, heavy-duty grease removers, fuel, or such; this could lead to surface damage.◄

Safety belts

Dirty belt straps impede the reeling action and thus have a negative impact on safety.

No chemical cleaning

Do not clean chemically; this can destroy the webbing.◄

Use only a mild soapy solution, with the safety belts clipped into their buckles.

Do not allow the reels to retract the safety belts until they are dry.

Carpets and floor mats*

Floor mats can be removed from the passenger compartment for cleaning.

If they are very dirty, clean with a microfiber cloth and water or an interior cleaner. To prevent matting of the carpet, rub back and forth in the direction of travel only.

Cleaning the interior

When cleaning the interior, do not move both seats all the way forward while moving them to their uppermost position and leaning the backrests forward. Otherwise, the seats could hit and damage the seal on the windshield and the sun visor.◄

Sensors/cameras

To clean the sensors or cameras of equipment such as the High-beam Assistant* or Park Distance Control PDC*, use a cloth moistened with a small amount of glass cleaner.

Displays/screens

Use a microfiber cloth to clean the Control Display or instrument cluster, for example.

Cleaning displays

Do not use chemical or household cleansers.

Keep all fluids and moisture away from the unit.

Otherwise, they could affect or damage surfaces or electrical components.

Avoid pressing too hard when cleaning and do not use abrasive materials; otherwise, damage can result.◄

Long-term vehicle storage

Your service center can advise you on what to consider when storing the vehicle for longer than three months.

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Indicator/warning lamps

Overview

The indicator and warning lamps can light up in a variety of combinations and colors. See the table for information on causes and how to respond. Note whether a lamp comes on alone or in combination with another. Some lamps can light up in different colors. Corresponding distinctions are made in the text.

1	2	Cause	How to respond
		Turn signal	
		The high beams/headlamp flasher are switched on.	
		Fasten safety belts.	Fasten safety belt, refer to page 37.
BRAKE	PARK	Indication in US models	
		Lights up in red:	
		The parking brake is set.	Release the parking brake.
		Lights up in yellow:	
		Parking brake malfunctioning.	Have the system checked immediately.
PARK		Parking brake malfunctioning. Emergency braking with the parking brake not possible.	Have the system checked immediately.
	PARK	Parking brake malfunctioning. Not functional while vehicle is stationary.	Secure vehicle against rolling when parked. Have the system checked immediately.
BRAKE PARK	PARK	Parking brake failed	Secure vehicle against rolling when parked. Have the system checked immediately.
	PARK	Indication in Canadian models	

1	2	Cause	How to respond
		Lights up in red:	
		The parking brake is set.	Release the parking brake.
		Lights up in yellow:	
		Parking brake malfunctioning.	Have the system checked immediately.
(P)		Parking brake malfunctioning. Emergency braking with the parking brake not possible.	Have the system checked immediately.
		Parking brake malfunctioning. Not functional while vehicle is stationary.	Secure vehicle against rolling when parked. Have the system checked immediately.
(!) (P)		Parking brake failed	Secure vehicle against rolling when parked. Have the system checked immediately.
		External temperature warning	Drive conservatively, refer to page 57.
		Lights up briefly: Approx. 2.1 US gal/8 liters of fuel remain in the tank. Remains on: The remaining range is no more than 30 miles/50 km, refer to page 58.	
		The engine refuses to start.	Depress the brake or clutch to start the engine, refer to page 45.
		The ignition is switched on and driver's door is open.	Switch off the ignition, refer to page 44, or close the driver's door.
		The parking lamps are still on.	Switch off the parking lamps, refer to page 65.
		The roadside parking lamps are still on	Switch off the roadside parking lamps, refer to page 67.
		A door is open.	
		The hood is open.	

1	2	Cause	How to respond
		Lights up in red:	
		Roof activation system failure.	Roof cannot be moved. If the retractable hardtop does not lock, contact your nearest service center.
		The roof activation system is malfunctioning.	Roof movement incomplete. Please check if the roof is blocked, then press or pull the switch again.
		The roof is not locked.	Open the roof fully and close it again. Only continue driving after taking this measure.
		Lights up in yellow:	
		High temperature of roof motor.	Roof activation temporarily limited to closing only.
		The cargo area partition is not in the lowermost position.	Press down the cargo area partition until it engages on both sides.
		Roof activation only possible while vehicle is stationary.	
		The vehicle is not level; roof activation is not possible.	Move the vehicle to a level surface.
		The trunk lid is open.	
		The gas cap is missing or loose.	Make sure that the gas cap is correctly positioned and close it until it clicks audibly. Do not jam the strap between the gas cap and the vehicle.
		The windshield washer fluid level is too low.	Add washer fluid as soon as possible, refer to page 49.
		Lights up in red:	
		Service is due.	Arrange a service appointment. Check the service requirements, refer to page 62.

1	2	Cause	How to respond
		Lights up in yellow:	
		The engine will start the next time the Start/ Stop button is touched, possibly without the brake or clutch being depressed	
		The remote control is malfunctioning or, in cars with Comfort Access, was not detected.	The engine cannot be started. Have the remote control checked, if necessary.
		The battery in the remote control is discharged.	Use the remote control for a longer journey or, in cars with Comfort Access, replace the battery.
		The belt tensioners and/or airbag system has failed.	Have the system checked immediately.
		Lights up:	
		The Assist system has failed or is malfunctioning.	Have the system checked as soon as possible.
		Lights up in red:	
		Motor malfunction	Stop the car and switch off the motor. You cannot continue your journey. Contact your service center.
		Lights up in yellow:	
		Full engine power is no longer available.	You can continue your journey, but moderate your speed and exercise due caution. Have the engine checked as soon as possible.
SERVICE ENGINE SOON		Indication in US models:	
		Warning lamp flashes:	
		Engine malfunction under high load. High engine load will result in damage to the catalytic converter.	You can continue your journey, but moderate your speed and exercise due caution. Have the vehicle checked immediately.
		Warning lamp comes on:	

1	2	Cause	How to respond
		Engine malfunction with an adverse effect on exhaust emissions.	Have the vehicle checked as soon as possible.
		Indication in Canadian models:	
		Warning lamp flashes:	
		Engine malfunction under high load. High engine load will result in damage to the catalytic converter.	You can continue your journey, but moderate your speed and exercise due caution. Have the vehicle checked immediately.
		Warning lamp comes on:	
		Engine malfunction with an adverse effect on exhaust emissions.	Have the vehicle checked as soon as possible.
		Lights up in red:	
		The engine is overheating.	Carefully bring the car to a stop, switch off the engine and allow it to cool down. Do not open the hood; otherwise, there would be a risk of injury due to scalding. Contact your service center.
		Lights up in yellow:	
		The engine is too hot.	Continue driving at more moderate speed so that the engine can cool down. Have the engine checked without delay if the situation reoccurs.
		Lights up in red:	
		Battery is no longer being charged. Alternator malfunction.	Switch off all unnecessary electrical consumers. Have the power supply system checked without delay.
		Lights up in yellow:	
		The battery charge level is very low, the battery is old or is not securely connected.	Have the battery checked as soon as possible.

1	2	Cause	How to respond
PARK		Indication in US models The parking brake is set.	
(P)		Indication in Canadian models The parking brake is set.	
BRAKE		Indication in US models	
		Lights up in red:	
		The brake fluid level is too low.	Reduced braking effect, stop the car carefully. Contact your service center.
		Lights up in yellow:	
		Drive-off assistant failed. The vehicle will not be held after the brake is released.	Have the system checked as soon as possible.
		DBC failed. No power braking support during emergency braking.	You can continue your journey, but moderate your speed and exercise due caution. Have the system checked as soon as possible.
		Brake overheated	Allow the brake to cool down. You can continue your journey, but moderate your speed and exercise due caution.
		High brake load.	You can continue your journey, but moderate your speed and exercise due caution.
(!)		Indication in Canadian models	
		Lights up in red:	
		The brake fluid level is too low.	Reduced braking effect, stop the car carefully. Contact your service center.
		Lights up in yellow:	
		Drive-off assistant failed. The vehicle will not be held after the brake is released.	Have the system checked as soon as possible.

1	2	Cause	How to respond
		DBC failed. No power braking support during emergency braking.	You can continue your journey, but moderate your speed and exercise due caution. Have the system checked as soon as possible.
		The brake is overheating.	Allow the brake to cool down. You can continue your journey, but moderate your speed and exercise due caution.
		High brake load.	You can continue your journey, but moderate your speed and exercise due caution.
BRAKE		Indication in US models	
		Brake pads worn.	Have the condition of the brake pads checked without delay.
		Indication in Canadian models	
		Brake pads worn.	Have the condition of the brake pads checked without delay.
		Lights up in red:	Have the system in question checked immediately.
		The starter has failed.	The engine cannot be restarted.
		Ignition malfunctioning. The engine can only be restarted when the brake is depressed.	Depress the brake to restart the engine.
		Lighting system failed. Low beams/tail lamps and brake lights still operational. All other lamps failed.	
		Lights up in yellow:	
		Brake light control failed. The fuel supply is malfunctioning.	You can continue your journey, but moderate your speed and exercise due caution. Have the system in question checked immediately.
		Flashing: Dynamic Stability Control DSC or Dynamic Traction Control DTC is controlling drive and braking forces, refer to page 77.	

1	2	Cause	How to respond
OFF		Dynamic Traction Control DTC is activated, refer to page 77.	
OFF		Dynamic Stability Control DSC and Dynamic Traction Control DTC are deactivated, refer to page 77.	Driving stability limited during acceleration and cornering. Driving style must be readjusted.
		The suspension control system has failed, refer to page 77.	Driving stability limited during acceleration and cornering. You can continue your journey, but moderate your speed and exercise due caution. Have the system checked as soon as possible.
BRAKE		Indication in US models	
		Dynamic Stability Control DSC and DTC including drive-off assistant failed.	Driving stability limited during acceleration and cornering. You can continue your journey, but moderate your speed and exercise due caution. Have the system checked as soon as possible.
		Indication* in Canadian models	
		Dynamic Stability Control DSC and DTC including drive-off assistant and Flat Tire Monitor failed.	Driving stability limited during acceleration and cornering. You can continue your journey, but moderate your speed and exercise due caution. Have the system checked as soon as possible.
ABS BRAKE		Indication in US models	
		The driving stability control systems including ABS have failed, refer to page 77. Reduced braking and driving stability.	It is possible to continue driving. Drive at moderate speeds, avoiding abrupt braking maneuvers. Have the system checked as soon as possible.

1	2	Cause	How to respond
ABS   		Indication* in Canadian models	
		The driving stability control systems including ABS and the Flat Tire Monitor* have failed, refer to page 77. Reduced braking and driving stability.	It is possible to continue driving. Drive at moderate speeds, avoiding abrupt braking maneuvers. Have the system checked as soon as possible.
ABS BRAKE 		Indication in US models	
		The vehicle electronics have failed.	You cannot continue your journey. Contact your service center.
ABS  		Indication* in Canadian models	
		The vehicle electronics have failed.	You cannot continue your journey. Contact your service center.
		In vehicles with the Flat Tire Monitor*	
		Light up in yellow and red:	
		A tire is deflated.	Carefully bring the car to a stop. Observe the additional information, refer to page 72.
		The Flat Tire Monitor was not initialized.	Initialize the Flat Tire Monitor, refer to page 72.
		Light up in yellow:	
		Flat Tire Monitor failed. Punctures are not indicated.	Have the system checked.
		In vehicles with the Tire Pressure Monitor* Light up in yellow and red:	

1	2	Cause	How to respond
		There is a flat tire or substantial loss of tire pressure.	Carefully bring the car to a stop. Additional information, refer to page 73.
		Light up in yellow:	
		Tire Pressure Monitor not initialized.	Check the inflation pressure and reset the system, refer to page 74.
		The small lamp flashes yellow and then stays on, the large lamp lights up in yellow:	
		Tire Pressure Monitor failed. Punctures are not indicated.	Have the system checked. Observe the additional information, refer to page 75.
		Lights up in red:	
		Transmission limp-home program active with restricted range of gears, possibly with reduced acceleration.	You can continue your journey, but moderate your speed and exercise due caution. Have the system checked immediately.
		Gears can be engaged without depressing the brake.	Always depress the brake to engage a gear.
		Lights up in yellow:	Have the system checked as soon as possible.
		Automatic selector lever locked: The selector lever is locked in position P with the engine running or the ignition switched on and the brake depressed.	Override the selector lever lock, refer to page 51.
		The brake signal is malfunctioning: a gear can be engaged without depressing the brake.	To engage a gear while the vehicle is at a standstill, always depress the brake. Before leaving the vehicle, move the selector lever to position P and switch off the engine.
		Lights up in red:	

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1	2	Cause	How to respond
		The transmission is overheating.	Bring the car to a stop and move the selector lever to position P. Allow the transmission to cool down. You can continue your journey, but moderate your speed and exercise due caution. Have the system checked if the situation reoccurs.
		Lights up in yellow:	
		The transmission is too hot.	Avoid high engine loads. You can continue your journey, but moderate your speed and exercise due caution.
		Selector lever position P not engaged. The vehicle is not secured against rolling.	
		Selector lever position P not engaged. The ignition cannot be switched off.	Engage selector lever position P when you wish to switch off the ignition, refer to page 44.
		The selector lever is malfunctioning.	The trip can be continued. Shift again if necessary. Have the system checked if the situation reoccurs.
		Selector lever position P not engaged. The vehicle is not secured against rolling.	To engage a gear while the vehicle is at a standstill, always depress the brake. Switch off the engine before leaving the vehicle. Have the system checked as soon as possible.
		The pinch protection system of the power windows is malfunctioning.	Have the system checked.
		Cruise control deactivated: The driving stability control systems are active. The parking brake is set. The speed dropped below 20 mph/30 km/h. The engaged gear is not suitable for the speed being driven.	

1	2	Cause	How to respond
		The cruise control system has failed.	The trip can be continued. Have the system checked.
		The Park Distance Control has failed.	Have the system checked.
		A bulb of the exterior lighting system has failed.	Have the exterior lighting checked as soon as possible.
		A low-beam headlamp or front fog lamp has failed.	Have the low beams checked as soon as possible.
		A high-beam headlamp has failed.	Have the high-beam headlamps checked.
		The headlamp beam throw adjustment has failed.	Have the headlamp beam throw adjustment system checked.
		The adaptive light control has failed.	
		The coolant level is too low.	Add coolant immediately, refer to page 124.
		The engine oil pressure is too low.	Stop immediately and switch off the engine. You cannot continue your journey. Contact your service center.
		The engine oil level is too low.	Add engine oil immediately, refer to page 123.
		Lights up in red:	
		The service appointment is overdue.	Arrange a service appointment. Check the service requirements, refer to page 62.
		Lights up in yellow:	
		Service is due.	Arrange a service appointment. Check the service requirements, refer to page 62.
		No service due.	Check the service requirements, refer to page 62.

1	2	Cause	How to respond
		The time and date are no longer correct.	Set the time and date, refer to page 61.
		Steering assistance has failed. Markedly different steering response.	You can continue your journey, but moderate your speed and exercise due caution. Have the system checked as soon as possible.
		Damping control is malfunctioning or has failed. Driving comfort is impaired.	You can continue your journey, but moderate your speed and exercise due caution. Have the system checked as soon as possible.

Reference

This chapter contains the technical data and an index that will quickly take you to the information you need.

Technical data

Engine specifications

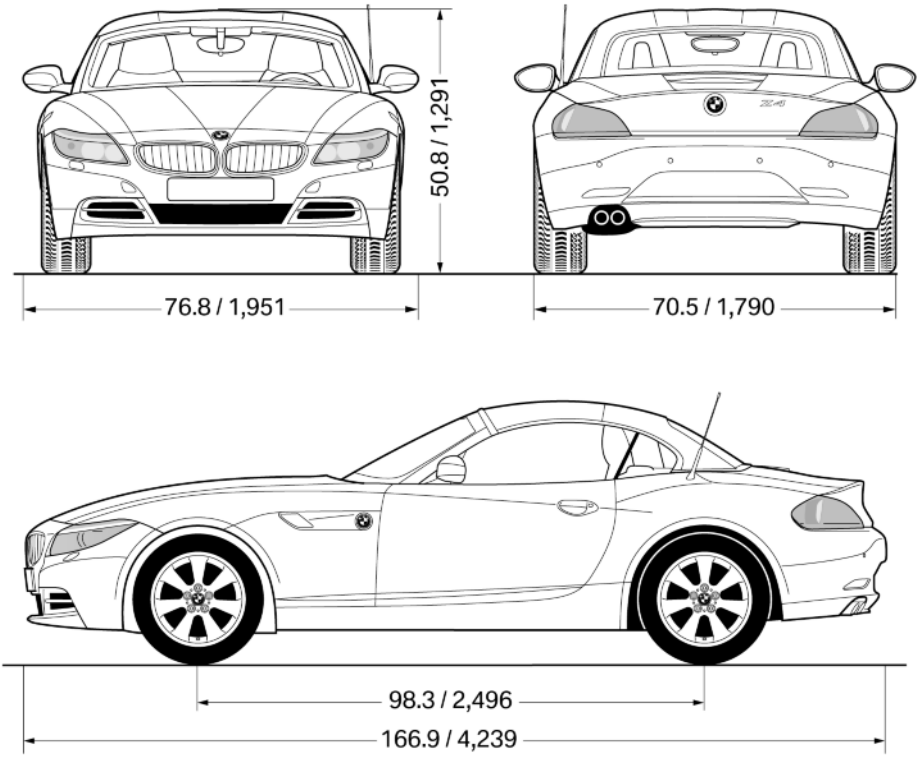
Z4 sDrive30i		
Displacement	cu in/cm³	182.8/2,996
No. of cylinders		6
Maximum output	hp	255
at engine speed	rpm	6,600
Maximum torque	lb ft/Nm	220/298
at engine speed	rpm	2,600

Z4 sDrive35i		
Displacement	cu in/cm³	181.8/2,979
No. of cylinders		6
Maximum output	hp	300
at engine speed	rpm	5,800
Maximum torque	lb ft/Nm	300/407
at engine speed	rpm	1,400 - 5,000

Z4 sDrive35is		
Displacement	cu in/cm³	181.8/2,979
No. of cylinders		6
Maximum output	hp	335
at engine speed	rpm	5,900
Maximum torque	lb ft/Nm	335/454
at engine speed	rpm	1,500

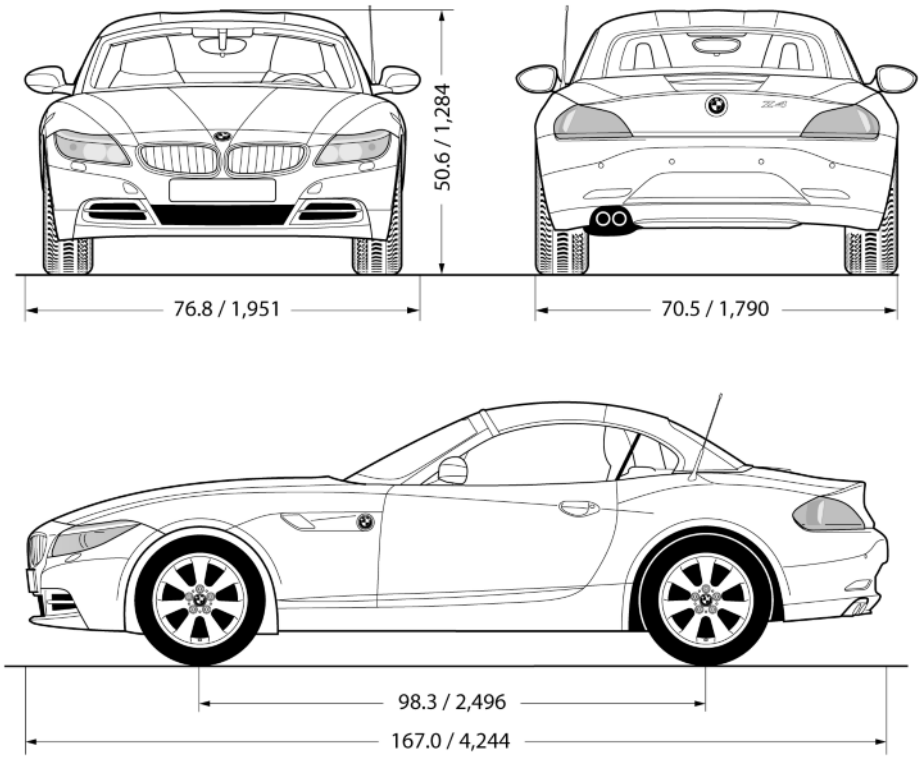
Dimensions

Z4 sDrive30i, Z4 sDrive35i



All dimensions given in inches/mm.

Z4 sDrive35is



All dimensions given in inches/mm.

Smallest turning circle

Ø: 35.1 ft/10.7 m

Weights

Z4 sDrive30i		
Approved gross vehicle weight		
Manual transmission	lbs/kg	3,924/1,780
With automatic transmission	lbs/kg	3,990/1,810
Load	lbs/kg	562/255
Approved front axle load	lbs/kg	1,808/820

Z4 sDrive30i		
Approved rear axle load	lbs/kg	2,227/1,010
Trunk capacity	cu ft/l	6.4 - 10.9/180 - 310

Z4 sDrive35i		
Approved gross vehicle weight		
Manual transmission	lbs/kg	4,134/1,875
With automatic transmission	lbs/kg	4,178/1,895
Load	lbs/kg	562/255
Approved front axle load	lbs/kg	1,918/870
Approved rear axle load	lbs/kg	2,271/1,030
Trunk capacity	cu ft/l	6.4 - 10.9/180 - 310

Z4 sDrive35is		
Approved gross vehicle weight		
Manual transmission	lbs/kg	—
With automatic transmission	lbs/kg	4,178/1,895
Load	lbs/kg	562/255
Approved front axle load	lbs/kg	1,918/870
Approved rear axle load	lbs/kg	2,271/1,030
Trunk capacity	cu ft/l	6.4 - 10.9/180 - 310

Capacities

			Notes
Fuel tank	US gal/liters	Approx. 14.5/55	Fuel quality, refer to page 111
Including reserve of	US gal/liters	Approx. 2.1/8.0	
Window washer system Including headlamp washers	US qt/liters	Approx. 6.3/6.0	Details, refer to page 49

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Everything from A to Z

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