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A-Z

OWNER'S MANUAL.

MINI.

Online Edition for Part no. 01 40 2 925 116 - X/13

MINI

Owner's Manual for Vehicle

Thank you for choosing a MINI.

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 MINI. It contains important information on vehicle operation that will help you make full use of the technical features available in your MINI. The manual also contains information designed to enhance operating reliability and road safety, and to contribute to maintaining the value of your MINI.

Any updates made after the editorial deadline can be found in the appendix of the printed Owner's Handbook for the Vehicle.

Get started now. We wish you driving fun and inspiration with your MINI

The MINI team of BMW AG

Online Edition for Part no. 01 40 2 925 116 - X/13

US English X/13, 11 13 490
Printed on environmentally friendly paper, bleached
without chlorine, suitable for recycling.

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ADDENDUM TO MINI OWNER'S MANUAL 1402925116

We wanted to provide you with some updates and clarifications with respect to the printed MINI Owner's Manual. These updates and clarifications will supersede the materials contained in that document.

1. Where the terms "service center," "the service center," "your service center," "service specialist,' or "service" are used in the Owner's Manual, we wanted to clarify that the terms refer to a MINI dealer's service center or another service center or repair shop that employs trained personnel that can perform maintenance and repair work on your vehicle in accordance with MINI specifications.

2. Where the text of the Owner's Manual contains an affirmative instruction to contact a "service center" or "your service center," we wanted to clarify that MINI recommends that, if you are faced with one of the situations addressed by that text, you contact or seek the assistance of a MINI dealer's service center or another service center or repair shop that employs trained personnel that can perform maintenance and repair work on your vehicle in accordance with MINI specifications.

   While MINI, at no cost to you, will pay for repairs required by the limited warranties provided with respect to your vehicle and for maintenance under the Maintenance Program during the applicable warranty and maintenance coverage periods, you are free to elect, both during those periods and thereafter, to have maintenance and repair work provided by other service centers or repair shops.

3. Where the Owner's Manual makes reference to parts and accessories having been approved by MINI, those references are intended to reflect that those parts and accessories are recommended by MINI. You may elect to use other parts and accessories, but, if you do, we recommend that you make sure that any such parts and/or accessories are appropriate for use on your vehicle.

4. At page 7, under the warranty section's discussion of homologation, where it states that you "cannot lodge warranty claims for your vehicle there," the text should read that you "may not be able to lodge warranty claims for your vehicle there."

5. At page 7, in the "Parts and accessories" section, in the sixth sentence, the word "cannot" should read "does not."

6. At page 35, in the “Checking and replacing safety belts” section, the text beginning, “Have the work performed only by your service center . . .” should be disregarded and the following text should be read in lieu thereof: “MINI recommends having this work performed by a service center as it is important that this safety feature functions properly.”

7. At page 126 under the heading: “Objects in the area around the pedals” and at page 206 under the heading: “Carpets and floor mats,” the paragraph that begins: “Only use floor mats . . .” should be disregarded and the following language should be read in lieu thereof: “The manufacturer of your vehicle recommends that you use floor mats that have been identified by it as appropriate for use in your vehicle and that can be properly fixed in place.”

8. At page 131, under the heading: “Have maintenance carried out,” the sentence beginning, “Have the maintenance carried out . . .” should be disregarded and the following text should be read in lieu thereof: “MINI recommends that you have the maintenance carried out by your service center.”

9. At page 152, under “Bluetooth Hands-Free System,” the heading that reads “Approved mobile phones” should read “Recommended mobile phones.”

10. At page 166, under the heading “Pressure specifications,” the sentence beginning, “The inflation pressures apply to the tire sizes approved . . . .” should be disregarded.

11. At page 171, under the heading: “Mounting,” the paragraph beginning, “Have mounting and balancing . . .” should be disregarded and the following text should be read in lieu thereof: “BMW recommends that you have mounting and balancing performed by your service center or a tire mounting specialist.”

12. At page 171, under the heading: “Approved wheels and tires,” the term “Approved” should be disregarded and in lieu thereof, the term “Recommended” should be read in its place. In addition, the text of that section should be disregarded and the following text should be read in lieu thereof:

    The manufacturer of your vehicle strongly suggests that you use wheels and tires that have been recommended by the vehicle manufacturer for your vehicle type; otherwise, 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 does not evaluate non-recommended wheels and tires to determine if they are suitable for use on your vehicle.

13. At page 176, under the heading: “Snow Chains,” the paragraph beginning, “Only certain fine-link snow chains . . .” should be disregarded and the following text should be read in lieu thereof:

Only certain types of fine-link snow chains have been tested by the manufacturer of your vehicle and are determined by the manufacturer of your vehicle to be road safe and are recommended by the manufacturer of your vehicle.

Information about recommended snow chains is available from a service center.

14. At page 178, under the heading “Hood,” the sentence beginning, “If you are unfamiliar” should be disregarded.

15. At page 182, under the heading: “Approved oil types,” the references to “Approved” should be read as “Suitable.” Immediately preceding the “Gasoline engine” chart, the following sentence should be inserted: “Add engine oils that meet the following oil rating standards: . . .”

16. At page 182, under the heading: “Alternative oil types,” the text preceding the chart should be disregarded, and in lieu thereof should be read as follows: “If an engine oil suitable for continuous use is not available, up to 1 US quart/liter of an engine oil with the following oil rating can be added: . . .”

17. At page 182, under the heading: “Engine oil change,” the text should be disregarded and in lieu thereof should be read as follows:

MINI recommends that you have the oil changed at your MINI dealer’s service center or at another service center that has trained personnel that can perform the work in accordance with MINI specifications.

18. At page 184, under the heading: “Service and Warranty Information Booklet for US Models and Warranty and Service Guide Booklet for Canadian Models,” the second paragraph should be disregarded and the following text read in lieu thereof:

The manufacturer of your vehicle recommends that you have maintenance and repair performed by your MINI dealer’s service center or another service center or repair shop that employs trained personnel that can perform maintenance and repair work on your vehicle in accordance with MINI specifications. The manufacturer of your vehicle recommends that you maintain records of all maintenance and repair work performed on your vehicle.

19. At page 196, under the “Battery replacement” section, the text should be disregarded and in lieu thereof the following text should be read:

Use of recommended vehicle batteries

The manufacturer of your vehicle recommends that you use vehicle batteries that it has tested and recommends for use in your vehicle; otherwise the vehicle could be damaged and systems or functions may not be fully available.

After a battery replacement, the manufacturer of your vehicle recommends that you have the battery registered on your vehicle by a service center to ensure that all comfort functions are fully available, and that any “check control” messages of these comfort functions are no longer displayed.

CONTENTS

The fastest way to find information on a particular topic or item is by using the index, refer to page 220.

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.

Updates made after the editorial deadline

Any updates made after the editorial deadline for the Owner's Manuals are located in the appendix of the printed quick reference for the vehicle.

Additional sources of information

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

Information about MINI, e.g., on technology, is available on the Internet: www.miniusa.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.

"..." Identifies radio texts used to select individual functions.

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

VEHICLE EQUIPMENT

This Owner's Manual describes all models and all standard, country-specific and optional equipment that is offered in the model series. Therefore, in this Owner's Manual, equipment is also described and illustrated that is not available in your vehicle, e.g., because of the selected optional equipment or the country-specific variants.

This also applies for safety-related functions and systems.

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

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

STATUS OF THE OWNER'S MANUAL

Basic information

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

Updates made after the editorial deadline

Any updates made after the editorial deadline can be found in the appendix of the printed Owner's Handbook for Vehicle.

FOR YOUR OWN SAFETY

Manufacturer

The producer of this MINI is Bayerische Motoren Werke Aktiengesellschaft, BMW AG.

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Warranty

Your vehicle is technically configured for the operating conditions and registration requirements applying in the country of first delivery - homologation. If your vehicle is to be operated in a different country it might be necessary to adapt your vehicle to potentially differing operating conditions and permit requirements. If your vehicle does not comply with the homologation requirements in a certain country you cannot lodge warranty claims for your vehicle there. Further information can be obtained from your Service Centre.

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 MINI service center or a workshop that works according to repair procedures of the manufacturer of the MINI 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

The manufacturer of your MINI recommends using parts and accessories approved by the manufacturer of your MINI for this purpose.

Your MINI service center is the right contact for genuine MINI parts and accessories, other products approved by the manufacturer of your MINI and related qualified advice.

The manufacturer of your MINI has tested these parts and products for safety and suitability in relation to MINI vehicles.

The manufacturer of your MINI assumes responsibility for them. However, the manufacturer of your MINI cannot assume any responsibility whatsoever for parts and accessories that have not been specifically approved by the manufacturer of your MINI.

The manufacturer of your MINI cannot evaluate whether each individual product from another manufacturer can be used with MINI 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 MINI vehicles; such products could conceivably fail to comply with the stringent MINI quality standards.

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.

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

Maintenance

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

Specifications for required maintenance measures:

- MINI Maintenance system
- Service and Warranty Information Booklet for US models
- Warranty and Service Guide Booklet for Canadian models

If the vehicle is not maintained according to these specifications, this could result in serious damage to the vehicle. Such damage is not covered by the MINI New Vehicle Limited Warranty.

DATA MEMORY

Many electronic components on your vehicle are equipped with data memories that temporarily or permanently store technical information about the condition of the vehicle, events and faults. This technical information generally documents the state of a component, a module, a system or the environment:

- Operating states of system components, fill levels for instance.
- Status messages for the vehicle and from its individual components, e.g., wheel rotation speed/ vehicle speed, deceleration, transverse acceleration.
- Malfunctions and faults in important system components, e.g., lights and brakes.
- Responses by the vehicle to special situations, e.g., deployment of an airbag, engagement of stability control systems.
- Ambient conditions, such as temperature.

This data is purely technical in nature and is used to detect and correct faults and to optimize vehicle functions. Motion profiles over routes traveled cannot be created from this data. When service offerings are used, e.g., repair services, service processes, warranty claims, quality assurance, this technical information can be read out from the event and fault memories by the service personnel, including the manufacturer, using special diagnostic tools. You can obtain further information there if it is needed. After a fault is corrected, the information in the fault memory is deleted or overwritten on a continuous basis.

When the vehicle is in use, situations are conceivable in which it might be possible to associate this technical data with individuals if it is combined with other information, e.g., an acci-

dent report, damage to the vehicle, eye witness accounts — possibly with the assistance of an expert.

Additional functions that are contractually agreed with the customer, such as vehicle locating in an emergency, enable certain vehicle data to be transmitted from the vehicle.

EVENT DATA RECORDER EDR

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

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

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

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

EDR data are recorded by your vehicle only if a nontrivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data, e.g., name, gender, age, and crash location, are recorded.

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

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

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 MINI of North America, LLC, P.O. Box 1227, Westwood, New Jersey 07675-1227, Telephone 1-800-831-1117.

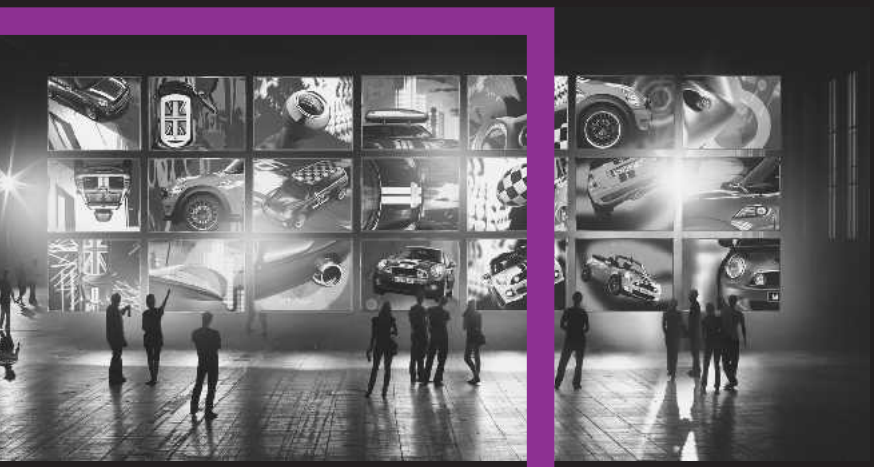
If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign.

However, NHTSA cannot become involved in individual problems between you, your dealer, or MINI 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. You can also obtain other information about motor vehicle safety from http://www.tc.gc.ca/roadsafety.



WATCH ME.

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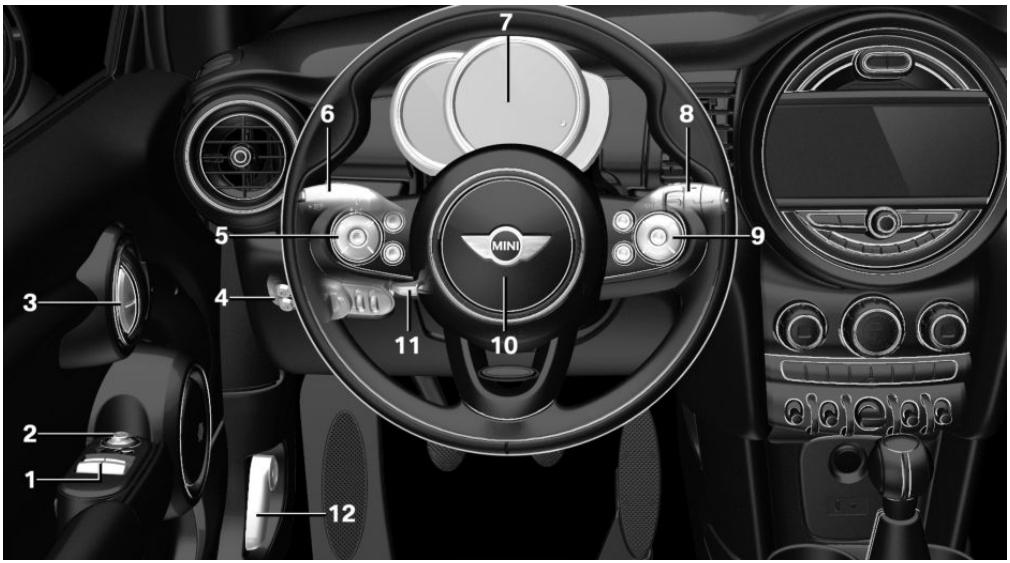
COCKPIT

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

ALL AROUND THE STEERING WHEEL



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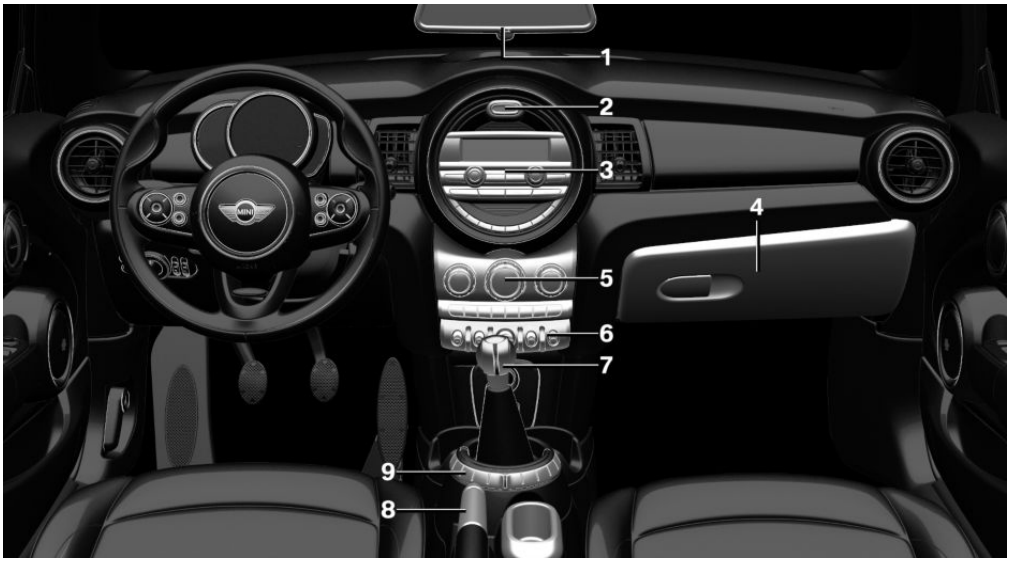

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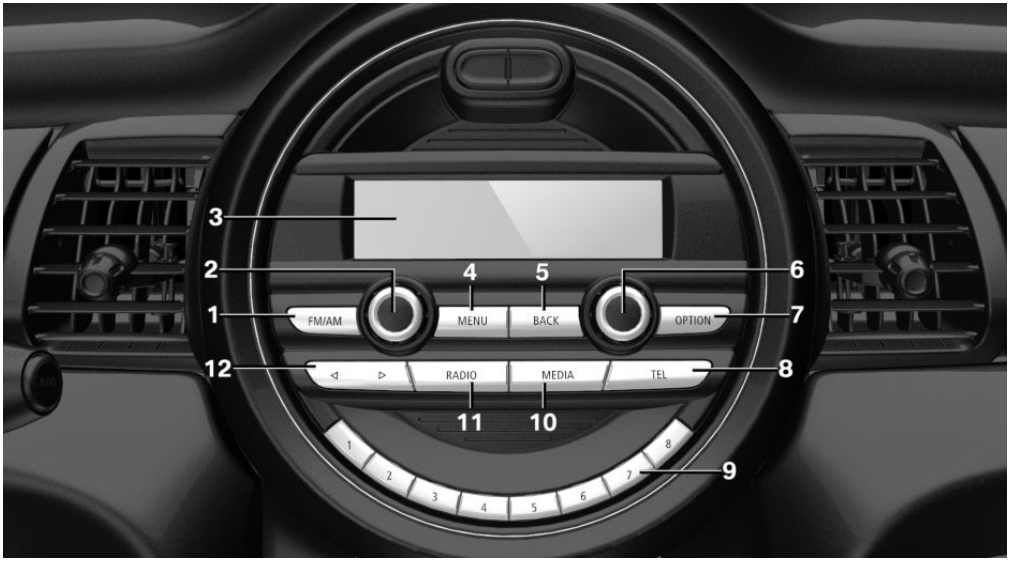
RADIO

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

AT A GLANCE



1 Change waveband

2 Volume, on/off

3 Display

4 Opening the main menu

5 Menu level back

6 Selecting menu items

- ▷ Turn: highlight the menu item in the display or adjust the value.
- ▷ Press: select the highlighted menu item or store the setting.

7 Open the options for the respective menu.

8 "Telephone": open the menu.

9 Programmable memory buttons

10 "Media": open the menu.

11 "Radio": open the menu.

12 Change the station or track.

Functions

Audio functions and vehicle functions can be operated, adjusted and displayed on the radio.

- ▷ Radio.
- ▷ Multimedia.

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- Telephone
- Vehicle settings.
- Check Control messages.

Menu navigation

All functions of the radio can be called up via the main menu. Some menus can also be called up directly via the buttons on the radio.

Selecting menu items

Menu items can be selected if they are lightly highlighted.

1. MENU Press the button.
2. Turn the right-hand knob until the desired menu item is highlighted, e.g.,"Radio".
3. Press the right-hand knob again to confirm the highlighted menu item.

Representation in the Owner's Manual

In the Owner's Manual, menu items that can be selected are set in quotation marks, e.g., "Radio".

Symbols in the status field

Audio source

Symbol	Meaning
FM, AM	Radio waveband
HD	HD radio
SAT	Satellite radio
SAT	Satellite radio not available
	Aux In
	Playback via USB audio interface.
	Microphone muted
	Tone output muted

Telephone

Symbol	Meaning
	Missed call
	Wireless network reception strength Symbol flashes: network search

Traffic bulletins

Symbol	Meaning
TP	Traffic bulletins switched on
TP	Traffic bulletins switched on, no traffic bulletin stations available.
	Traffic Jump

Changing settings

To set number values or values on a scale:

1. Select the desired menu item.
2. Turn the right-hand knob to set the value.
3. Press the right-hand knob to store the value.

Example: setting the clock

1. MENU Press the button.
2. "Settings"
3. "Time/Date"
4. "Time:"
5. Turn the right-hand knob until the desired hour is set.
6. Press the right-hand knob to store the setting.
7. Turn the right-hand knob to set the minutes and press the right-hand knob to save the setting.

HANDLE ME.

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OPENING AND CLOSING

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

REMOTE CONTROL/KEY

General information

The vehicle is supplied with two remote controls with integrated keys.

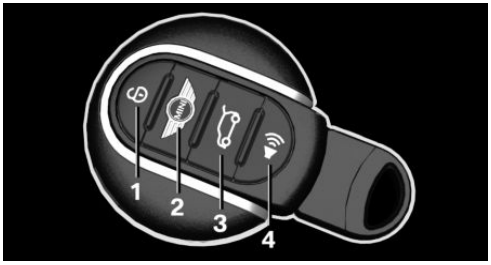
Every remote control contains a replaceable battery.

Depending on the equipment package and country-specific variant, the functions of the keys can be set. Settings, refer to page 26.

For every remote control, personal settings are stored in the vehicle. Personal Profile, refer to page 21.

Information on the required maintenance is stored in the remote controls. Service data in the remote control, refer to page 184

At a glance



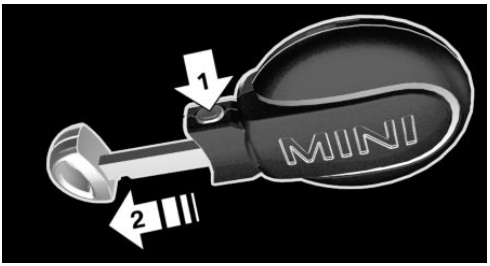
1 Unlocking

2 Locking

3 Unlock the tailgate

4 Panic mode

Integrated key



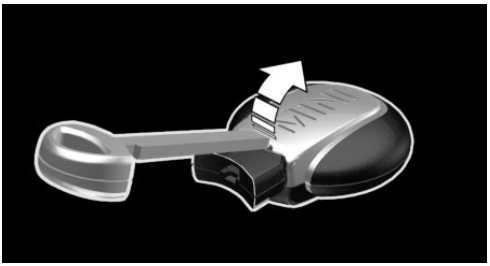
Press the button on the remote control, arrow 1, and pull out the key, arrow 2.

The integrated key fits the driver's door lock.

Replacing the battery

1. Take the integrated key out of the remote control.
2. Slide the key into the opening and raise the cover, arrow.

   The battery compartment is accessible.



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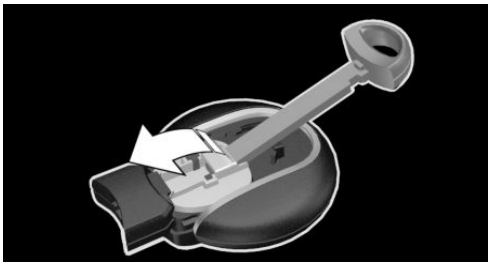
3. Slide the key in the cover of the battery compartment and raise the cover, arrow.



4. Insert a battery of the same type with the positive side facing upwards.
5. Insert cap and cover.

Take the used battery to a recycling center or to your service center.

New remote controls

New remote controls are available from the service center.

Loss of the remote controls

Lost remote controls can be blocked by your service center.

Emergency detection of remote control

It is possible to switch on the ignition or start the engine in situations such as the following:

- Interference of radio transmission to remote control by external sources, e.g. by radio masts.
- Discharged battery in the remote control.
- Interference of radio transmission by mobile devices in close proximity to the remote control.
- Interference of radio transmission by charger while charging items such as mobile devices in the vehicle.

A Check Control message is displayed if an attempt is made to switch on the ignition or start the engine.

Starting the engine via emergency detection of the remote control

Automatic transmission: if a corresponding Check Control message appears, hold the remote control, as shown, against the marked area on the steering column and press the Start/Stop button within 10 seconds while pressing the brake.

Manual transmission: if a corresponding Check Control message appears, hold the remote control, as shown, against the marked area on the steering column and press the Start/Stop button within 10 seconds while pressing the clutch.

PERSONAL PROFILE

The concept

Individual settings in the vehicle are saved in personal profiles. Every remote control is assigned a profile.

- Changes to the settings are automatically saved in the profile currently activated.
- During unlocking, the profile stored for the remote control is activated.
- Your personal settings will be recognized and called up again even if the vehicle has been operated in the meantime with another remote control.

Adjusting

The following settings are stored in a profile.

- Radio: stored stations, station listened to last, special settings.
- Assignment of the programmable memory buttons.
- Tone settings.
- Audio source listened to last.
- Unlocking the vehicle: driver door or entire vehicle.
- Locking the vehicle: if no door is open or after starting off.
- Welcome lamps: On/Off.
- Triple turn signal activation: On/Off.
- Daytime running lights: On/Off.
- Language on the Radio Display
- Air conditioner/Automatic climate control: settings.
- Park Distance Control PDC: signal tone volume.
- Driving Dynamics Control: configuration.

OPENING AND CLOSING

Using the remote control

Note

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.◂

Unlocking

Press the button on the remote control.

The vehicle is unlocked.

Welcome lamps, interior lamp and courtesy lamps are switched on.

Depending on the equipment version and country variant, you can set how the vehicle is to be unlocked. Settings, refer to page 26.

- Welcome lamps, interior lamp and courtesy lamps are switched on.
- The alarm system, refer to page 27, is disarmed.

When the door is opened, the window is lowered to make it easier to enter the vehicle.

Convenient opening

The remote control can be used to open the windows and the glass sunroof after unlocking.

Press and hold the button on the remote control.

Releasing the button stops the motion.

Locking

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.◂

The alarm system, refer to page 27, is armed.

Switching on interior lamps and courtesy lamps

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

If the button is pressed within 10 seconds of when the vehicle was locked Interior motion sensor and tilt alarm sensor of the anti-theft warning system, refer to page 28, are switched off. After locking, wait 10 seconds before interior lamps and courtesy lamps are switched on.

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 3 seconds.

To switch off the alarm: press any button.

Unlock the tailgate

Press the button on the remote control for approx. 1 second.

The tailgate opens a little, regardless of whether it was previously locked or unlocked.

Depending on the version and the country variant, it is possible to set whether the doors are also unlocked. Settings, refer to page 26.

Do not place the remote control in the cargo area

Take the remote control with you and do not leave it in the cargo area; otherwise, the remote control is locked inside the vehicle when the tailgate is closed.◀

The tailgate is locked again as soon as it is pushed closed.

Provide edge protection

Sharp or angular objects can hit the rear window while driving and damage the heating wires of the rear window. Provide edge protection.◀

Malfunction

If the vehicle can no longer be locked or unlocked with the remote control, the battery may be discharged or there may be interference from external sources such as mobile phones, metal objects, overhead power lines, transmission towers, etc.

If this occurs, lock or unlock the driver's door at the door lock using the integrated key.

For US owners only

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

FCC ID:

- LX8766S.
- LX8766E.
- LX8CAS.
- LX8CAS2.
- MYTCAS4.

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.

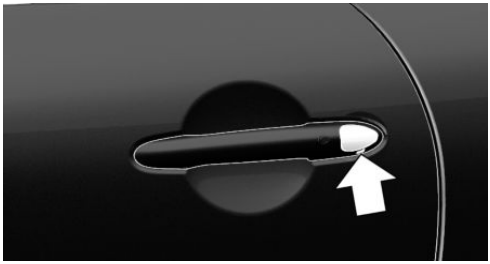
Any unauthorized modifications or changes to these devices could void the user's authority to operate this equipment.

Without remote control

From the outside

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.◀



Unlock or lock the driver's door via the door lock using the integrated key.

To do this, unlock the cap from below with the integrated key, arrow, and remove.

The state of the driver's door, tailgate and fuel filler flap does not change.

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.◂

Alarm system

The alarm system is not armed if the vehicle is locked with the integrated key.

The alarm system is triggered when the door is opened, if the vehicle was unlocked via the door lock. In order to terminate this alarm, unlock vehicle with the remote control or switch on the ignition, if necessary, by emergency detection of the remote control.

Via the central locking system

Press the button.

The doors and the tailgate are locked. The fuel filler flap is not locked.

Press the button.

The doors and the tailgate are unlocked.

To open a door individually, pull the door opener: the door is unlocked and opened.

In the event of an accident of corresponding severity, the vehicle is automatically unlocked. The hazard warning system and interior lamps come on.

When there is an electrical defect

From the inside

Lock the doors via the door locking knobs.

Unlock and open the doors using the door unlocking handle.

Unlock the fuel filler flap via emergency unlocking. The state of the tailgate cannot be changed in this case.

From the outside

Lock and unlock the driver's door lock using the integrated key.

TAILGATE

Opening

When the tailgate is opened, make sure there is sufficient clearance to prevent damage.

▷ Unlock the vehicle and press the button on the tailgate.

▷ Press the button on the remote control for approx. 1 second.

The tailgate opens somewhat.

Pull the tailgate up to open.

Depending on the version and the country variant, it is possible to set whether the doors are also unlocked. Settings, refer to page 26.

Closing

Recessed grips on the inside trim of the tailgate can be used to conveniently pull down the tailgate.

Keep the closing path clear

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

Do not place the remote control in the cargo area

Take the remote control with you and do not leave it in the cargo area; otherwise, the remote control is locked inside the vehicle when the tailgate is closed.◄

Provide edge protection

Sharp or angular objects can hit the rear window while driving and damage the heating wires of the rear window. Provide edge protection.◄

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.

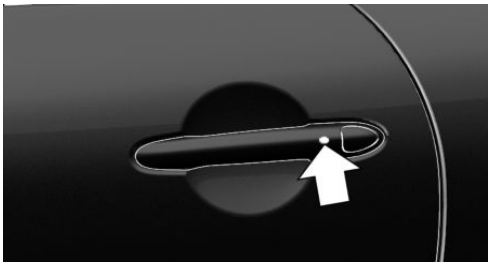
Comfort Access supports the following functions:

- Unlocking/locking of the vehicle.
- Convenient closing.
- Unlocking of the tailgate separately.
- Start the engine.

Functional requirements

- There are no sources of interference nearby.
- To lock the vehicle, the remote control must be located outside of the vehicle.
- The next unlocking and locking cycle is not possible until after approx. 2 seconds.
- The engine can only be started if the remote control is in the vehicle.

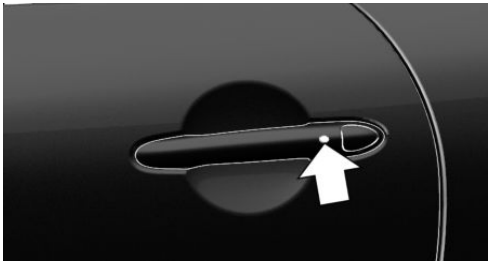
Unlocking



On the driver's or front passenger's door handle, press the button, arrow.

This corresponds to pressing the remote control button:

Locking

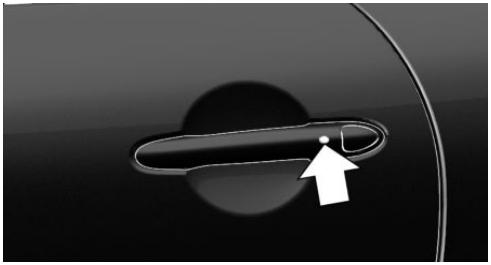


On the driver's or front passenger's door handle, press the button, arrow.

This corresponds to pressing the remote control button:

To save battery power, ensure that all power consumers are switched off before locking the vehicle.

Convenient closing



Press and hold down the handle of the driver or the front seat passenger.

This corresponds to pressing the remote control button:

In addition to locking, the windows and the glass sunroof are closed.

Monitor the closing process

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

Unlock the tailgate

Press the button on the exterior of the tailgate.

This corresponds to pressing the remote control button:

Do not place the remote control in the cargo area

Take the remote control with you and do not leave it in the cargo area; otherwise, the remote control is locked inside the vehicle when the tailgate is closed.◂

Malfunction

Comfort Access may not function properly if it experiences interference from external sources such as mobile phones, metal objects, overhead power lines, transmission towers, etc.

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

ADJUSTING

Unlocking

The settings are saved in the active profile. Personal Profile, refer to page 21.

Doors

1. MENU Press the button
2. "Settings"
3. "Door locks"
4. "Doors/key"
5. Select the desired function.
   - ▷ "Driver's door"

     Only the driver's door and the fuel filler flap are unlocked. Pressing again unlocks the entire vehicle.
   - ▷ "All doors"

     The entire vehicle is unlocked.

Tailgate

Depending on the equipment version and country variant, this setting is not offered in some cases.

1. MENU Press the button
2. ⚙ "Settings"
3. "Door locks"
4. "Tailgate"
5. Select the desired function.
   - ▷ "Tailgate"
     Only the tailgate is unlocked.
   - ▷ "Tailgate + door(s)"
     The tailgate and the doors are unlocked.

Locking

The settings are saved in the active profile. Personal Profile, refer to page 21.

1. MENU Press the button
2. ⚙ "Settings"
3. "Door locks"
4. "Doors/key"
5. Select the desired setting.
   - ▷ "Lock if no door is opened"
     The vehicle locks automatically after a short period of time if a door is not opened.
   - ▷ "Lock after starting to drive"
     The vehicle locks automatically after you drive away.

Confirmation signals from the vehicle

1. MENU Press the button
2. ⚙ "Settings"
3. "Door locks"
4. Select the desired setting.
   - ▷ "Flash for lock/unlock"
     The unlocking is acknowledged by two flashes, the locking by one.
   - ▷ "Acoustic warning"
     The unlocking is acknowledged by one honk of the horn.

ALARM SYSTEM

The concept

When the vehicle is locked, the vehicle alarm system responds to:

- ▷ Opening of a door, the hood or the tailgate.
- ▷ Movements in the vehicle.
- ▷ Changes in the vehicle tilt, e.g., during attempts to steal a wheel or when towing the car.
- ▷ Interruptions in battery voltage.

The alarm system briefly indicates tampering:

- ▷ Acoustic alarm.
- ▷ By switching on the hazard warning system.
- ▷ By flashing the daytime running lights.

Arming and disarming the alarm system

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

Door lock and armed alarm system

The alarm system is triggered when the door is opened, if the vehicle is unlocked via the door lock.

In order to terminate this alarm, unlock vehicle with the remote control or switch on the ignition, if necessary, by emergency detection of the remote control.

Tailgate and armed alarm system

The tailgate can be opened with the remote control even when the alarm system is armed.

Press the button on the remote control for approx. 1 second.

Depending on the version and the country variant, it is possible to set whether the doors are also unlocked. Settings, refer to page 26.

The tailgate is somewhat raised.

If the doors were also unlocked with the tailgate, the alarm system is disarmed.

After the tailgate is closed, it is locked and monitored again if the doors are locked. The hazard warning system flashes once.

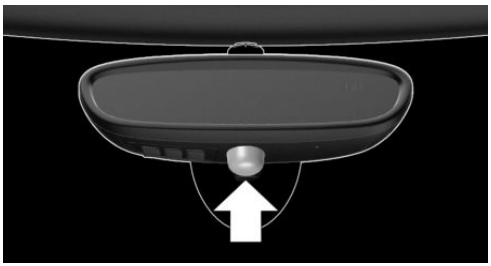
Panic mode

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

Press the button on the remote control for at least 3 seconds.

To switch off the alarm: press any button.

Indicator lamp on the interior rearview mirror



- The indicator lamp flashes briefly every 2 seconds:

  The system is armed.
- Indicator lamp flashes for 10 seconds after locking, then flashes every 2 seconds:

  Doors, hood or tailgate are not correctly closed. Interior motion sensor and tilt alarm sensor are not active.
- The indicator lamp goes out after unlocking:

  The vehicle has not been tampered with.
- The indicator lamp flashes after unlocking until the engine ignition is switched on, but 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 when the car is towed.

Interior motion sensor

The windows and glass sunroof must be closed for the system to function properly.

Avoiding unintentional alarms

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

- In automatic car washes.
- 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

Press the remote control button again within 10 seconds as soon as the vehicle is locked.

The indicator lamp lights up for approx. 2 seconds and then continues to flash.

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

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Switching off the alarm

Unlock the vehicle using the remote control.

With Comfort Access: if you are carrying the remote control with you, press the button on the driver side or front passenger side door handle.

POWER WINDOWS

Note

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.◄

Opening

▷ Press the switch to the resistance point.

The window opens while the switch is held.

▷ Press the switch beyond the resistance point.

The window opens automatically. Pressing again stops the motion.

Convenient opening, refer to page 22, via the remote control.

Closing

Keep the closing path clear

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

▷ Pull the switch to the resistance point.

The window closes while the switch is held.

▷ Pull the switch beyond the resistance point.

The window closes automatically. Pulling again stops the motion.

Pinch protection system

If the closing force exceeds a specific value as a window 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.◄

No 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

Keep the closing path clear

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

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.

PANORAMIC GLASS SUNROOF

Hints

Keep the closing path clear

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

Take the remote control with you

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

At a glance

Tilting the glass sunroof

▷ Slide switch back to the resistance point and hold.

The glass sunroof is raised as long as the switch is pressed and stops in the highest position.

▷ Press the switch back beyond the resistance point and release it.

The glass sunroof is raised and stops in the highest position.

Pressing the switch again stops the motion.

Opening glass sunroof

When the glass sunroof is closed:

▷ Press the switch back beyond the resistance point and hold it.

The glass sunroof is opened as long as the switch is pressed.

▷ Press the switch back beyond the resistance point and release it twice.

The glass sunroof is completely opened.

Pressing the switch again stops the motion.

With the glass sunroof completely raised:

▷ Slide switch back to the resistance point and hold.

The glass sunroof is opened as long as the switch is pressed.

▷ Press the switch back beyond the resistance point and release it.

The glass roof is completely opened.

Pressing the switch again stops the motion.

Closing glass sunroof

With the glass sunroof open:

▷ Slide switch forward to the resistance point and hold.

The glass sunroof is closed as long as the switch is pressed

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and stops in the raised position.

▷ Press the switch forward beyond the resistance point and release it.

The glass sunroof is closed and stops in the raised position.

Pressing the switch again stops the motion.

▷ Press the switch forward beyond the resistance point and hold it.

The glass sunroof is closed as long as the switch is pressed.

▷ Press the switch forward beyond the resistance point and release it twice.

The glass sunroof is closed.

Pressing the switch again stops the motion.

With the glass sunroof completely raised:

▷ Slide switch forward to the resistance point and hold.

The glass sunroof is closed as long as the switch is pressed.

▷ Press the switch forward beyond the resistance point and release it.

The glass sunroof is closed.

Pressing the switch again stops the motion.

Pinch protection system

If the closing force exceeds a specific value as a glass sunroof closes, the closing action is interrupted.

The glass sunroof opens again slightly.

Danger of pinching even with pinch protection

Despite the pinch protection system, check that the roof's closing path is clear; otherwise, the closing action may not be interrupted in certain extreme situations, such as when thin objects are present.◀

Closing without the pinch protection system

For example, if there is an external danger, proceed as follows:

1. Press the switch forward beyond the resistance point and hold.

   Pinch protection is limited and the roof reopens slightly if the closing force exceeds a certain value.

2. Press the switch forward again beyond the resistance point and hold until the roof closes without pinch protection. Make sure that the closing area is clear.

Initializing after a power failure

After a power failure, it may be the case that the roof can only be raised. The system must be initialized in this case. MINI recommends having this work performed by your service center.

ADJUSTING

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

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 34.
- Head restraints, refer to page 35.
- Airbags, refer to page 71.

SEATS

Hints

Do not adjust the seat while driving

Do not adjust the driver's seat while driving, or 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

Also on the front passenger side, do not incline the backrest on the front passenger side too far to the rear during driving, or there is a risk of slipping under the safety belt in the event of an accident. This would eliminate the protection normally provided by the belt.◄

Adjusting seats

At a glance

1 Forward/backward
2 Thigh support
3 Height
4 Backrest tilt

Forward/backward

Pull the lever and slide the seat in the desired direction.

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

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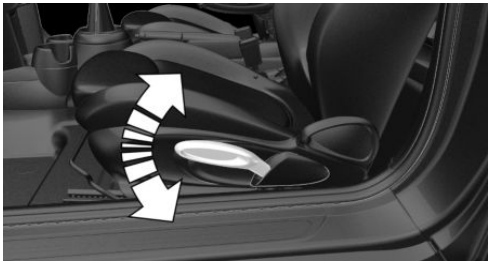
Height



Pull the lever up or press it down as often as needed to reach the desired height.

Backrest tilt

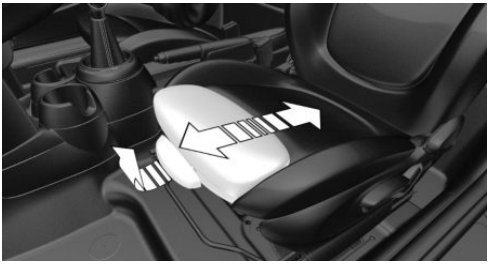
Pull the lever and apply your weight to the backrest or lift it off, as necessary.

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.

Turn the wheel in order to strengthen or weaken the curvature.

Thigh support



Pull the lever at the front of the seat and adjust the thigh support.

Entering the rear

Note

Folding back and locking the backrest

Before driving away, fold back and lock the backrests; otherwise, an unexpected seat movement may cause an accident.◄

Keep the movement area unobstructed

When changing the seat position, keep the seat's area of movement unobstructed; otherwise, people can be injured or objects damaged.◄

Fold down seat back

1. Pull lever up to the stop.

2. Fold backrest forward.
3. Push the seat forward.

Original position

The driver's seat contains a mechanical memory function for forward/aft and backrest adjustment.

1. Push the seat back into the original position.
2. Fold back the backrest to lock the seat.

If the backrest is folded back when the seat is not yet in the original position, the seat latches in the current position. In this case, manually adjust longitudinal direction, refer to page 32.

Front seat heating

Switching on

Press the button once for each temperature level.

The maximum temperature is reached when three LEDs are lit.

If the drive is continued within approx. 15 minutes, the seat heating is activated automatically with the temperature selected last.

When Green mode, refer to page 131, is activated, the heater output is reduced.

Switching off

Press the button longer.

The LEDs go out.

SAFETY BELTS

Seats with safety belt

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

Number of safety belts

Your vehicle has been fitted with four safety belts for the safety of you and your passengers. However, they can only offer protection when adjusted correctly.

Hints

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

To protect the occupants, the belt locking triggers early. Slowly guide the belt out of the holder when applying it.

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

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 breakable objects, or be pinched.◀

Reduction of restraining effect

Avoid wearing bulky clothing, and pull the shoulder belt periodically to readjust the tension. Make sure that the belt is not jammed;

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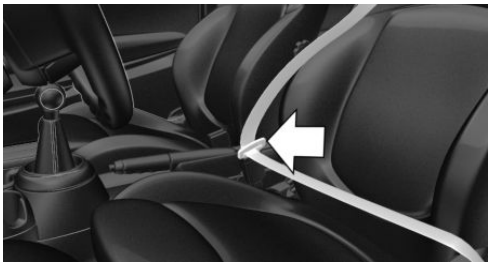
otherwise, the belt can be damaged and the restraining effect reduced.◄

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's seat and front passenger seat

The indicator lamp lights up and a signal sounds. Make sure that the safety belts are positioned correctly. The safety belt reminder is active at speeds above approx. 6 mph/10 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.◄

FRONT HEAD RESTRAINTS

Correctly adjusted head restraint

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

Adjusting the head restraint

Correctly adjust the head restraints of all occupied seats; otherwise, there is an increased risk of injury in an accident.◄

Height

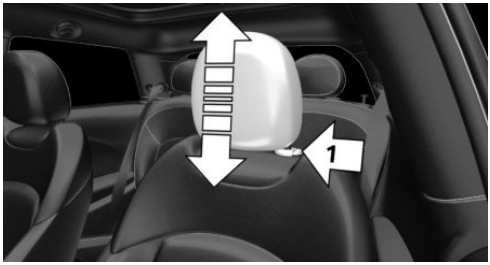
Adjust the head restraint so that its center is approximately at ear level.

Distance

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

If necessary, adjust the distance by adjusting the tilt of the backrest.

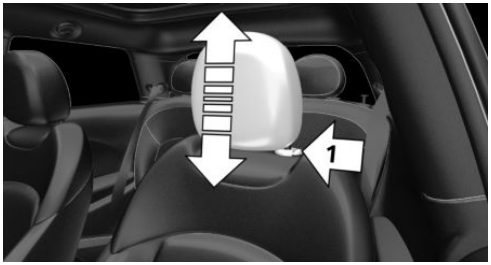
Adjusting the height



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

Removing

Only remove the head restraint if no one will be sitting in the seat in question.



1. Pull the head restraint upward as far as possible.
2. Press the button, arrow 1, and pull the head restraint out completely.

To remove the headrest, fold the backrest rearward if it is in the upright position.

Before transporting passengers

Reinstall the head restraint before transporting anyone in the seat; otherwise, the protective function of the head restraint is unavailable.◄

REAR HEAD RESTRAINTS

Correctly adjusted head restraint

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

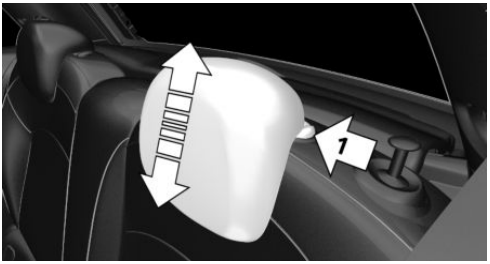
Adjusting the head restraint

Correctly adjust the head restraints of all occupied seats; otherwise, there is an increased risk of injury in an accident.◄

Height

Adjust the head restraint so that its center is approximately at ear level.

Adjusting the height

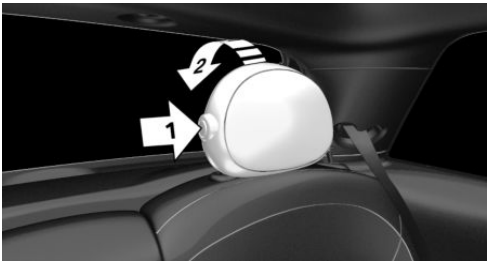


- ▷ To raise: pull.
- ▷ To lower: press the button, arrow 1, and push the head restraint down.

Folding down head restraints

Extending/retracting head restraint

Only fold down head restraint if no passengers are in the rear. Fold out retracted headrests again if passengers are being carried in the rear; otherwise, there is increased risk of injury in the event of an accident.◄



- ▷ To lower flaps: press the button, arrow 1, and press down the head restraint.
- ▷ Fold back up: pull up head restraints.

Removing

Only remove the head restraint if no one will be sitting in the seat in question.

Fold the seat down, refer to page 116, before removing the head restraint, otherwise the head restraint cannot be removed.

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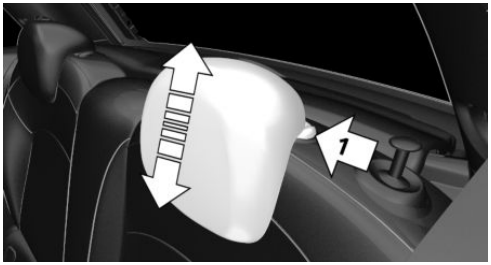


1. Pull the head restraint upward as far as possible.
2. Press the button, arrow 1, and pull the head restraint out completely.

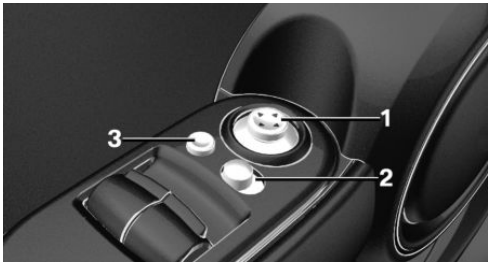
Before transporting passengers

Reinstall the head restraint before transporting anyone in the seat; otherwise, the protective function of the head restraint is unavailable.◂

MIRRORS

Exterior mirrors

At a glance



1 Adjusting

2 Left/right, Automatic Curb Monitor

3 Fold in and out

General information

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

Depending on how the vehicle is equipped, the mirror setting is stored for the remote control in use. When the vehicle is unlocked via the remote control, the position is automatically retrieved if the setting for this function is active.

Selecting a mirror

To change over to the other mirror:

Slide the mirror changeover switch.

Adjusting electrically

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

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.

Activating

1. Slide the mirror changeover switch to the driver's side mirror position.
2. Engage transmission position R.

Deactivating

Slide the mirror changeover switch to the passenger side mirror position.

Fold in and out

Press the button.

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

Automatic heating

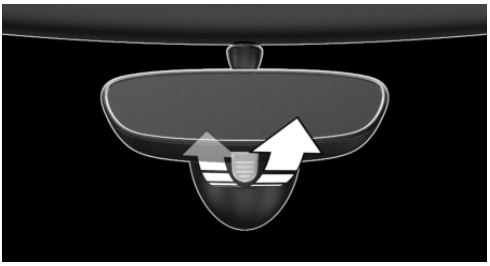
Both exterior mirrors are automatically heated whenever the engine is running.

Automatic dimming feature

Both exterior mirrors are automatically dimmed. Photocells are used for control in the Interior rearview mirror, refer to page 38.

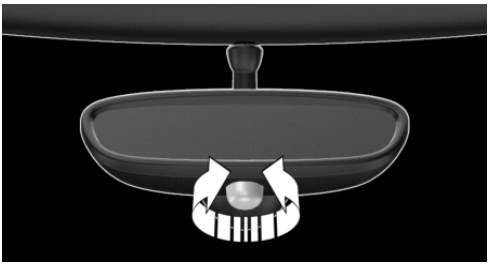
Interior rearview mirror, manually dimmable

Flip lever



To reduce the blinding effect of the interior rear view mirror, flip the lever forward.

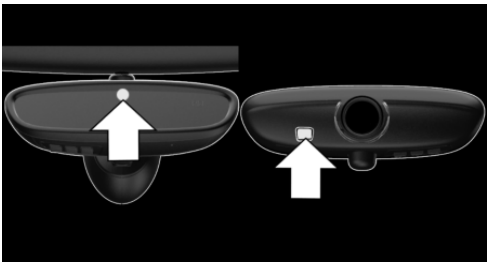
Turn knob



Turn the knob to reduce the blinding effect by the interior mirror.

Interior rearview mirror, automatic dimming feature

The concept



Photocells are used for control:

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- In the mirror glass.
- On the back of the mirror.

Functional requirement

For proper operation:

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

STEERING WHEEL

Note

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.

TRANSPORTING CHILDREN SAFELY

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

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 should always be in the rear

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

Transporting children in the rear

Only transport children younger than 13 years of age or shorter than 5 ft/150 cm in the rear in child restraint fixing systems provided in accordance with 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.◄

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 73.

Note

Deactivated 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.◄

INSTALLING CHILD RESTRAINT FIXING SYSTEMS

Hints

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.◄

Lock the rear seat backrests in position

Before installation of child restraint systems on the rear seat backrest, set a backrest tilt at which the childseat rests firmly against the backrest and securely latch all backrests. Otherwise, the stability of the child seat is limited, and there is an increased risk of injury because of unexpected movement of the rear seat backrest.◄

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On the front passenger seat

Deactivating airbags

After installing 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.

Deactivate the front passenger airbags automatically, refer to page 73.

Deactivating the front passenger airbags

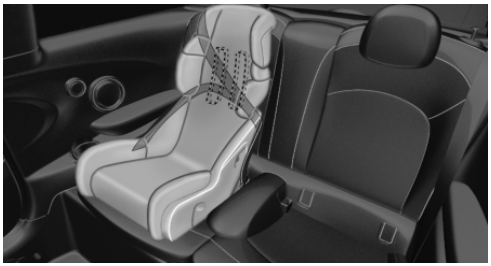
If a child restraint fixing system is used in the front passenger seat, the front passenger airbags must be deactivated; otherwise, there is an increased risk of injury to the child when the airbags are triggered, even with a child restraint fixing system.◀

Seat position and height

Before installing a child restraint fixing system, move the front passenger seat as far back as possible and adjust its height to the highest position to obtain the best possible position for the belt and to offer optimal protection in the event of an accident.

Do not change the seat position and height after this.

Child seat security



The rear safety belts and the front passenger safety belt can be locked against pulling out for mounting the child restraint fixing systems.

Locking the safety belt

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

Unlocking the safety belt

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

LATCH CHILD RESTRAINT FIXING SYSTEM

LATCH: Lower Anchors and Tether for Children.

Note

Manufacturer's information for LATCH child restraint fixing systems

To mount and use the LATCH child restraint fixing systems, observe the operating and safety information from the system manufacturer; otherwise, the level of protection may be reduced.◀

Mounts for the lower LATCH anchors

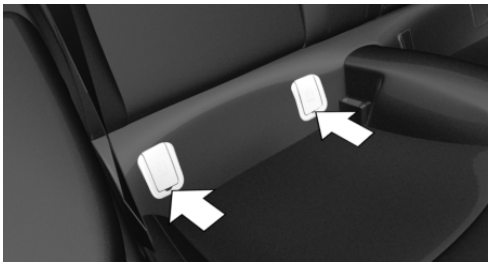
The lower anchors may be used to attach the CRS to the vehicle seat up to a combined child and CRS weight of 65 lb when the child is restrained by the internal harnesses.

Correctly engage the lower LATCH anchors

Make sure that the lower LATCH anchors have properly engaged and that the child restraint fixing system is resting snugly against the backrest; otherwise, the degree of protection offered may be reduced.◀

Before mounting the LATCH child restraint fixing system, pull the belt away from the child restraint fixing system.

Position



Mounts for the lower LATCH anchors are located behind the indicated covers.

Mounting LATCH child restraint fixing systems

1. Mount the child restraint fixing system; refer to the user's manual of the system.
2. Ensure that both LATCH anchors are properly connected.

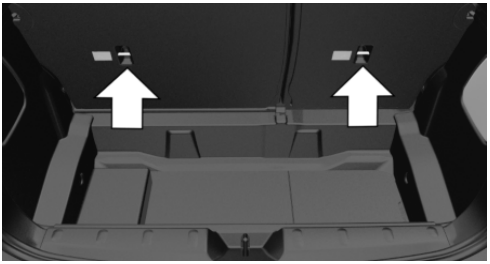
Child restraint fixing system with a tether strap

Note

Mounting eyes

Only use the mounting eyes for the upper retaining strap to secure child restraint fixing systems; otherwise, the mounting eyes could be damaged.◄

Mounting points

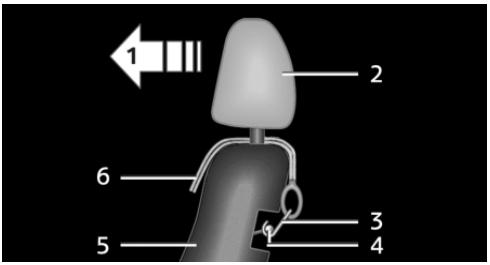


There are two mounting points for the upper retaining strap of LATCH child restraint fixing systems.

Retaining strap guide

Retaining strap

Make sure that the upper retaining strap is not routed over the head restraints or sharp edges and is free of twisting on its way to the upper mounting point; otherwise, the belt cannot properly secure the child restraint fixing system in an accident.◄



1 Direction of travel
2 Head restraint.
3 Hook for upper retaining strap
4 Mounting point/eye
5 Seat backrest
6 Upper retaining strap

Attaching the upper retaining strap to the mounting point

1. Raise the head restraint if necessary.
2. Guide the upper retaining strap between the supports of the head restraint.
3. Attach the hook of the retaining strap to the mounting eye on the rear seat.
4. Tighten the retaining strap by pulling it down.
5. Lower and lock head restraints as needed.

DRIVING

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

START/STOP BUTTON

The concept

Pressing the Start/Stop button switches the ignition on or off and starts the engine.

Automatic transmission: the engine starts in selector lever position P or N if the brake pedal is pressed when you press the Start/Stop button.

Manual transmission: the engine starts if the clutch pedal is depressed when the Start/Stop button is pressed.

Ignition on

Automatic transmission: press the Start/Stop button, and do not press on the brake pedal at the same time.

Manual-shift transmission: press the Start/Stop button, and do not press on the clutch pedal at the same time.

All vehicle systems are ready for operation.

Most of the indicator and warning lamps in the instrument cluster light up for varying lengths of time.

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

Note

If the engine is switched off and the ignition is switched on, the system automatically switches to the radio ready state when the door is opened if the lights are switched off or the daytime running lights are switched on.

Ignition off

Manual-shift transmission: press the Start/Stop button again, and do not press on the clutch pedal at the same time.

Automatic transmission: press the Start/Stop button again, and do not press on the brake pedal at the same time.

All indicator lamps in the instrument cluster go out.

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

Ignition automatically cuts off while the vehicle is stationary and the engine is stopped:

- During locking, also with the low beams activated.
- Shortly before the battery is discharged completely, so that the engine can still be started. This function is only available when the low beams are switched off.
- When opening and closing the driver door, if the driver's seat belt is unbuckled and the low beams are switched off.
- While the driver's seat belt is unbuckled, if the driver's door is open and the low beams are switched off.

When the ignition is switched off, by opening or closing the driver's door or unbuckling the driver's seat belt, the radio ready state remains active.

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Radio ready state

Activate radio ready state:

- When the engine is running: press the Start/Stop button.

Some electronic systems/power consumers remain ready for operation.

Radio ready state switches off automatically:

- After approx. 8 minutes.
- When the vehicle is locked using the central locking system.
- Shortly before the battery is discharged completely, so that the engine can still be started.

STARTING THE ENGINE

General information

Enclosed areas

Do not let the engine run in enclosed areas, since breathing in 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 vehicle unattended with the engine running; doing so poses a risk of danger.

Before leaving the vehicle with the engine running, set the parking brake and place the transmission in selector lever position P or neutral to prevent the vehicle from moving.◄

Repeated starting in quick succession

Avoid repeated unsuccessful attempts to start the vehicle or starting the vehicle several times in quick succession. Otherwise, the fuel is not burned or is inadequately burned, posing a risk of overheating and damage to the catalytic converter.◄

Do not wait for the engine to warm-up while the vehicle remains stationary. Start driving at moderate engine speeds.

Diesel engine

If the engine is cold and temperatures are below approx. 32 °F/0 °C, the start process may be delayed somewhat due to automatic preheating.

A Check Control message is displayed.

Automatic transmission

Starting the engine

1. Depress the brake pedal.
2. Engage selector lever position P or N.
3. Press the Start/Stop button.

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

Manual transmission

Starting the engine

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

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

ENGINE STOP

General information

Take the remote control with you

Take the remote control with you when leaving the vehicle so that children, for example, cannot start the engine.◄

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. ◄

Before driving into a car wash

In order for the vehicle to be able to roll into a car wash, pay attention to the information regarding Washing in automatic car washes, refer to page 203.

Automatic transmission

Switching off the engine

1. Engage selector lever position P with the vehicle stopped.
2. Press the Start/Stop button.

   The engine is switched off.

   The radio ready state is switched on.
3. Set the parking brake.

Manual transmission

Switching off the engine

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

   The engine is switched off.

   The radio ready state is switched on.
2. Shift into first gear or reverse.
3. Set the parking brake.

AUTO START/STOP FUNCTION

The concept

The Auto Start/Stop function helps save fuel. The system switches off the engine during a stop, e.g., in traffic congestion or at traffic lights. The ignition remains switched on. The engine starts again automatically for driving off.

Automatic operation

After each engine start, the Auto Start/Stop function is ready and is activated at speeds faster than about 3 mph, approx. 5 km/h.

Engine stop

The engine is switched off automatically during a stop under the following conditions:

Manual transmission:

- Neutral is engaged and the clutch pedal is not pressed.
- The driver's safety belt is buckled or the driver's door is closed.

Automatic transmission:

- Gear selector lever in drive mode D.
- Brake pedal remains depressed while the vehicle is stopped.
- The driver's safety belt is buckled or the driver's door is closed.

In order to be able to release the brake pedal, engage selector lever position P. The engine remains off.

To continue driving depress the brake pedal. When a drive mode is engaged, the engine starts automatically.

The air flow of the air conditioner is reduced when the engine is switched off.

Displays in the instrument cluster

The display indicates that the Auto Start/Stop function is ready for an automatic engine start.

The display indicates that the conditions for an automatic engine stop have not been satisfied.

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Note

The engine is not switched off automatically in the following situations:

- The external temperature is high and automatic climate control is running.
- The passenger compartment has not yet been heated or cooled to the required level.
- The engine is not yet at operating temperature.
- The wheels are at a sharp angle or the steering wheel is being turned.
- After driving in reverse.
- Fogging of the windows when the automatic climate control is switched on.
- The vehicle battery charge is very low.
- The engine compartment lid is unlocked.
- The parking assistant is activated.
- Stop-and-go traffic.
- Gear selector lever in selector lever positioned in or M/S or in drive mode R.

Starting the engine

The engine starts automatically under the following conditions:

- Manual transmission:

  The clutch pedal is pressed.
- Automatic transmission:

  By releasing the brake pedal.

After the engine starts, accelerate as usual.

Safety mode

After the engine switches off automatically, it will not start again automatically if any one of the following conditions are met.

- The driver's safety belt is unbuckled and the driver's door is open.
- The hood was unlocked.

Some indicator lamps light up for varying lengths of time.

The engine can only be started via the Start/Stop button.

Note

Even if driving away was not intended, the deactivated engine starts up automatically in the following situations:

- Excessive warming of the passenger compartment when the cooling function is switched on.
- The steering wheel is turned.
- Automatic transmission: the drive mode is changed from D to R or M/S or into selector lever position N.
- Automatic transmission: the selector lever position is changed from P to N, or into drive mode D, R or M/S.
- The vehicle begins rolling.
- Fogging of the windows when the automatic climate control is switched on.
- The vehicle battery charge is very low.
- Excessive cooling of the passenger compartment when the heating is switched on.
- Manual transmission: low brake vacuum pressure; this can occur, for example, if the brake pedal is depressed a number of times in succession.

Activating/deactivating the system manually

Using the button

Press the button.

- LED comes on: Auto Start Stop function is deactivated.

  The engine is started during an automatic engine stop.

  The engine can only be stopped or started via the Start/Stop button.
- LED goes out: Auto Start Stop function is activated.

Switching off the vehicle during an automatic engine stop

During an automatic engine stop, the vehicle can be switched off permanently, e.g., when leaving it.

1. Press the Start/Stop button. The ignition is switched off. The Auto Start/Stop function is deactivated.
2. Set the parking brake.

Engine start as usual via Start/Stop button.

Automatic deactivation

In certain situations, the Auto Start/Stop function is deactivated automatically for safety reasons, such as when the driver is detected to be absent.

Malfunction

The Auto Start/Stop function no longer switches of the engine automatically. A Check Control message is displayed. It is possible to continue driving. Have the system checked.

PARKING BRAKE

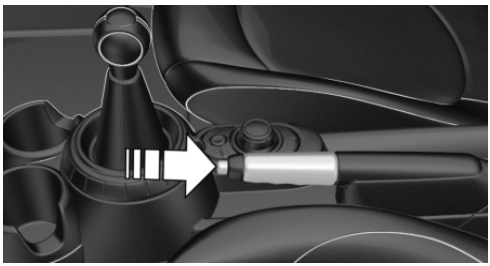
Applying

The lever automatically engages after being pulled up.

The indicator lamp lights up red. The parking brake is set.

Lower lamp: indicator lamp in Canadian models

Releasing



Raise lever slightly, press the button and guide the lever down.

Hints

Use while driving

If on a rare occasion it is necessary to use the parking brake while driving, do not use excessive force when applying it. When using it, keep the button on the lever depressed.

Otherwise, using excessive force when applying the parking brake may cause the rear wheels to lock, resulting in fishtailing.◀

To prevent corrosion and braking control on one side only, lightly apply the parking brake periodically while coasting, if traffic conditions permit.

The brake lamps will not light up if the parking brake is engaged.

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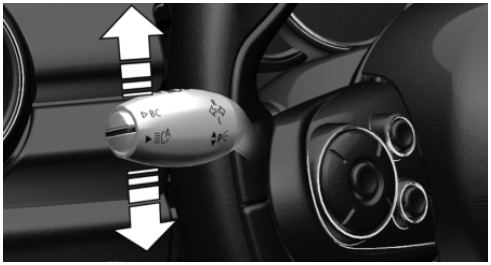
TURN SIGNAL, HIGH BEAMS, HEADLAMP FLASHER

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.

Triple turn signal activation

Press the lever to the resistance point.

The turn signal flashes three times.

The function can be activated or deactivated:

Operation takes place via the radio.

1. MENU Press the button.
2. "Settings"
3. "Triple turn signal"

Signaling briefly

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

High beams, headlamp flasher

- High beams, arrow 1.
- Headlamp flasher, arrow 2.

WASHER/WIPER SYSTEM

Switching the wipers on/off and brief wipe

Do not switch on the wipers if frozen

Do not switch on the wipers if they are frozen onto the windshield; otherwise, the wiper blades and the windshield wiper motor may be damaged.◄

No wiper operation on dry windshield

Do not use the windshield wipers if the windshield is dry, as this may damage the wiper blades or cause them to become worn more quickly.◄

Switching on

Press the wiper levers up.

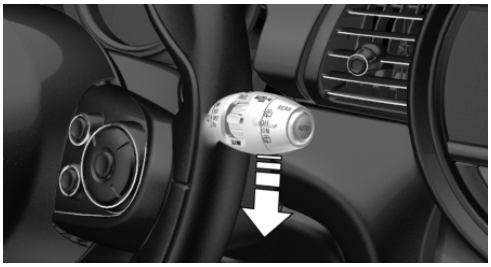
The lever automatically returns to its initial position when released.

- Normal wiping speed: press up once.

  The wipers switch to intermittent operation when the vehicle is stationary.
- Fast wiping speed: press up twice or press once beyond the resistance point.

  The wipers switch to normal speed when the vehicle is stationary.

Switching off and brief wipe



Press the wiper levers down.

The lever automatically returns to its initial position when released.

- Brief wipe: press down once.
- To switch off normal wipe: press down once.
- To switch off fast wipe: press down twice.

Intermittent operation or rain sensor

The concept

Without the rain sensor, the frequency of the wiper operation is preset.

The rain sensor automatically controls the time between wipes depending on the intensity of the rainfall. The sensor is located on the windshield, directly behind the interior rearview mirror.

Activating/deactivating

Press the button on the wiper lever.

The LED in the wiper lever lights up and a wiping operation is started. If there is frost, wiper operation is not started.

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.◄

Setting the frequency or sensitivity of the rain sensor

Turn the thumbwheel.

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Clean the windshield

Pull the wiper lever.

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

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 automatically heated while the ignition is switched on.

Rear window wiper

Switching on the rear window wiper

Turn switch from idle position 0 upward, arrow 1: interval mode. When reverse gear is engaged, the system switches to continuous operation.

Cleaning rear window

In interval mode: turn the switch further, arrow 2. The switch automatically returns to its interval position when released.

In idle position: turn switch downward, arrow 3. The switch automatically returns to its idle position when released.

Fold-out position of the wipers

Helpful when changing the wiper blades or under frosty conditions, for example.

1. Switch the ignition on and off again.
2. Under frosty conditions, ensure that the wiper blades are not frozen onto the windshield.
3. Press the wiper lever up beyond the point of resistance and hold it for approx. 3 seconds, until the wiper remains in a nearly vertical position.

After the wipers are folded back down, the wiper system must be reactivated.

Fold the wipers back down

Before switching the ignition on, fold the wipers back down to the windshield; otherwise, the wipers may become damaged when they are switched on.◄

1. Switch on the ignition.
2. Press the wiper levers down. The wipers move to their resting position and are ready for operation.

WASHER FLUID

General information

Antifreeze for washer fluid

Antifreeze is flammable and can cause injury if it is used incorrectly.

Therefore, keep it away from sources of ignition.

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

Follow the notes and instructions on the container.

United States: The washer fluid mixture ratio is regulated by the U.S. EPA and many individual states; do not exceed the allowable washer fluid dilution ratios limits that apply. Follow the usage instructions on the washer fluid container. Use BMW's Windshield Washer Concentrate or the equivalent.◂

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 a mixture of windshield washer concentrate and tap 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.

Do not add windshield washer concentrate and antifreeze undiluted and do not fill with pure water; this could damage the wiper system.

Do not mix window washer concentrates of different manufacturers, because otherwise it can result in clogging of the windshield washer nozzles.

Recommended minimum fill quantity: 0.2 US gal/1 liter.

MANUAL TRANSMISSION

Shifting

Shifting into 5th or 6th gear

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.

To overcome the resistance move the selector lever in a dynamic movement to the left and engage the reverse gear.

AUTOMATIC TRANSMISSION WITH STEPTRONIC

Drive modes

D Drive, automatic drive mode

Drive mode for normal vehicle operation. All forward gears are available.

R is Reverse

Select only when the vehicle is stationary.

N is Neutral

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

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P Park

Select only when the vehicle is stationary. The drive wheels are blocked.

Before exiting the vehicle, make sure that selector lever position P of the automatic transmission is engaged. Otherwise, the vehicle may begin to roll.

Kickdown

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

Selecting drive mode

Depress the brake until you start driving

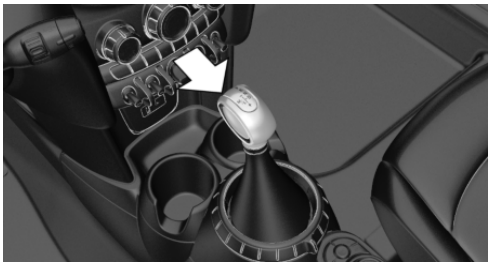
To prevent the vehicle from creeping after you select a driving position, maintain pressure on the brake pedal until you are ready to start.◂

The gear selector lever can only taken out of position P if the ignition is on or the engine is running.

With the vehicle stationary, press on the brake pedal before shifting out of P or N; otherwise, the gear selector lever is blocked: shift lock.

A lock prevents inadvertent shifting into drive mode R or selector lever position P.

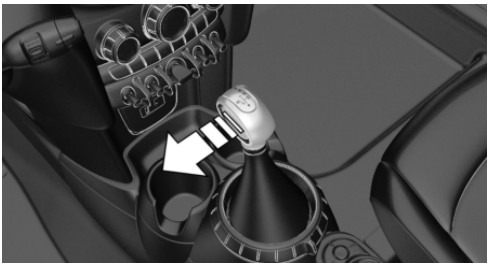
Canceling the lock



Press the button on the front of the gear selector lever, arrow.

Sport program and manual mode M/S

Activating the sport program



Push the gear selector lever to the left out of drive mode D.

The engaged drive mode is displayed in the instrument cluster, e.g., S1.

The sport program of the transmission is activated.

Activating the M/S manual mode

1. Push the gear selector lever to the left out of drive mode D.
2. Push the gear selector lever forward or backward.

Manual mode becomes active and the drive mode is changed.

The engaged drive mode is displayed in the instrument cluster, e.g., M1.

Once maximum engine speed is attained, M/S manual mode is automatically upshifted as needed.

Switching to manual mode

- ▷ To shift down: press the gear selector lever forward.
- ▷ To shift up: push the gear selector lever rearwards.

Drive mode will only be changed at appropriate engine and road speeds, e.g., downshifting is not possible if the engine speed is too high.

The selected drive mode is briefly displayed in the instrument cluster, followed by the current one.

Manual mode M/S: prevent automatic upshifting

Once maximum engine speed is attained, M/S manual mode is automatically upshifted as needed.

For vehicles with Sport automatic transmission, automatic shift operations are not performed if one of the following conditions is met:

- DSC is deactivated.
- TRACTION is activated.

In addition, the kickdown is deactivated.

Ending the sport program/manual mode

Push the gear selector lever to the right.

D is displayed in the instrument cluster.

Shift paddles for Sport automatic transmission

The shift paddles on the steering wheel allow you to shift drive modes quickly while keeping both hands on the steering wheel.

If the shift paddles on the steering wheel are used to shift gears in automatic mode, the transmission temporarily switches to manual mode.

If the shift paddles are not used and the vehicle is not accelerated for a certain time, the system switches back into automatic mode if the gear selector lever is in drive mode D.

- Shift up: pull right shift paddle.
- Shift down: pull left shift paddle.

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 drive mode is briefly displayed in the instrument cluster, followed by the current one.

Displays in the instrument cluster

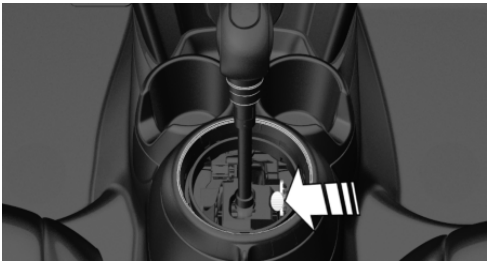
The selector lever position is displayed, e.g.: P.

Drive mode lock, manually unlocking

Should the gear selector lever be blocked in selector lever position P despite the ignition being turned on, the brake being depressed and the unlock button being pressed, the drive mode lock can be manually canceled:

Before the manual unlocking of the drive mode block, engage the parking brake forcefully to prevent the vehicle from rolling away.

1. Unclip the sleeve of the gear selector lever.
2. Pull the sleeve over the gear selector lever. Unplug the cable connector if necessary.
3. Using the screwdriver from the onboard vehicle tool kit, refer to page 186, press the yellow release lever downward, arrow.



4. Move the gear selector lever slightly toward the rear; to do this press the unlock button on the front of the gear selector lever.

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Release the release lever.

5. Bring the gear selector lever into the desired position.

Sport automatic transmission: Launch Control

The concept

Launch Control enables optimum acceleration on surfaces with good traction.

Hints

Component wear

Do not use Launch Control too often; otherwise, this may result in premature wear of components due to the high stress placed on the vehicle.◂

Did not use Launch Control during the break-in, refer to page 124, period.

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

Requirements

Launch Control is available when the engine is warmed up, that is, after uninterrupted driving of at least 6 miles/10 km.

To start with Launch Control do not steer the steering wheel.

Start with launch control

While the engine is running:

1. 

Press button and select with the Driving Dynamics Control, refer to page 88, Sport+.

   In the instrument cluster, TRACTION is displayed in combination with SPORT. The DSC OFF indicator lamp lights up.

2. Engaging the transmission position S
3. With the left foot, forcefully press down on the brake.
4. Press on the accelerator pedal beyond the resistance point at the full throttle position.

   A flag symbol appears in the instrument cluster.

5. The starting engine speed adjusts. Within 3 seconds, release the brake.

Before using Launch Control, allow the transmission to cool down for approx. 5 minutes.

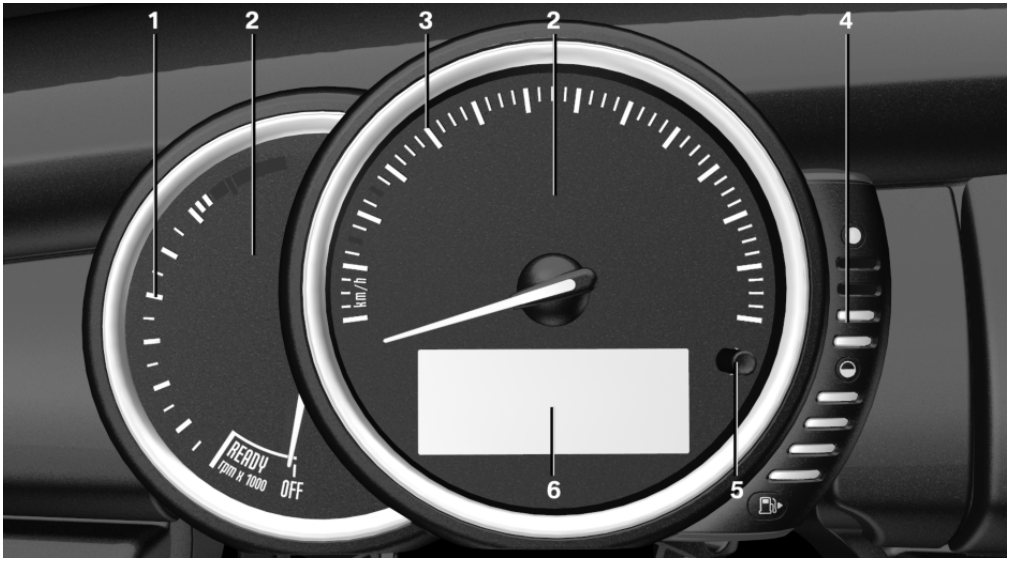
DISPLAYS

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

INSTRUMENT CLUSTER

Overview, instrument cluster



1 Tachometer 59
2 Indicator/warning lamps 57
3 Speedometer
4 Fuel gauge 59
5 Display/reset miles 59
6 Electronic displays 57

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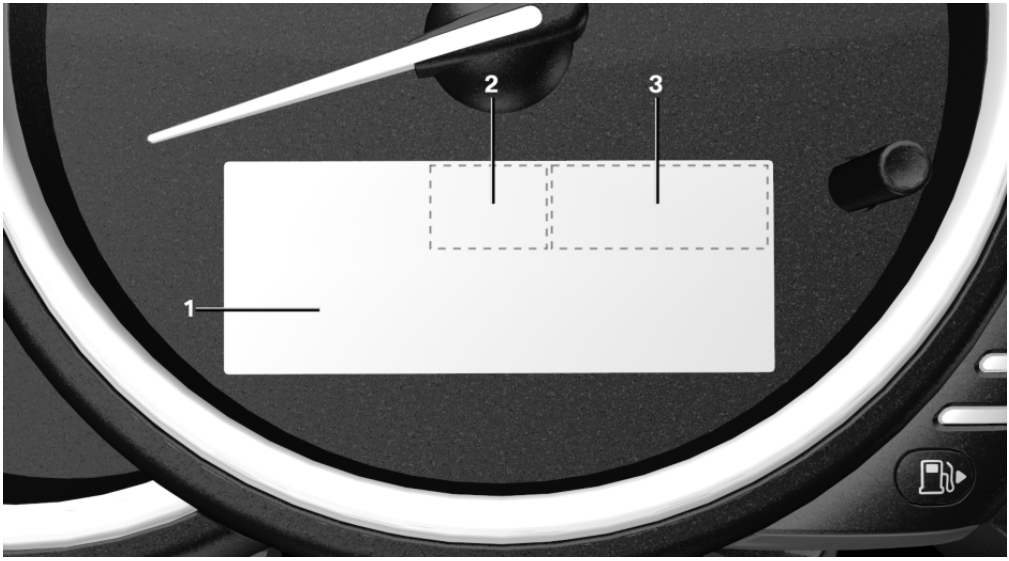
Electronic displays



1 Driver assistance systems
Messages, e.g. Check Control
Time 60
External temperature 59
Selection lists 63
Miles/trip miles 59
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2 Transmission display 52
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3 Driving Dynamics Control 88
Status

CHECK CONTROL

The concept

The Check Control system monitors functions in the vehicle and notifies you of malfunctions in the monitored systems.

A Check Control message is displayed as a combination of indicator or warning lamps and text messages in the instrument cluster.

In addition, an acoustic signal may be output and a text message may appear on the radio.

Indicator/warning lamps

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

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

Overview: indicator/warning lamps

Symbol	Function or system
	Turn signal
	Front fog lamps
	Rear fog lamp

Symbol	Function or system
	High beams
	High-beam Assistant
	Parking lamps, headlamp control
	Vehicle detection, Active Cruise Control: collision warning.
	Cruise control
	DSC Dynamic Stability Control
OFF	DSC Dynamic Stability Control is deactivated or DTC Dynamic Traction Control is activated
	Tire Pressure Monitor Flat Tire Monitor
	Safety belts
	Airbag system
	Steering system
	Engine functions
BRAKE	Parking brake. Brake system.
	In Canadian models Parking brake. Brake system.

Symbol	Function or system
ABS	ABS Antilock Brake System
(ABS)	ABS Antilock Brake System in Canadian models
	At least one Check Control message is displayed or is stored (symbol in display)

Text messages

Text messages in combination with a symbol in the instrument cluster explain a Check Control message and the meaning of the indicator and warning lamps.

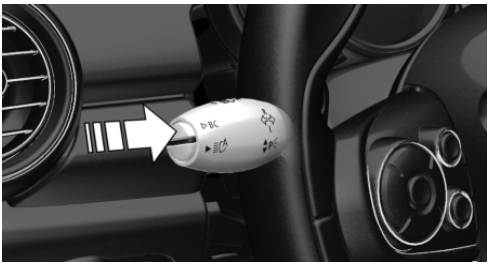
Supplementary text messages

Additional information, such as on the cause of a fault or the required action, can be called up via Check Control.

The supplementary text of urgent messages is automatically displayed on the radio display.

To view the entire text line for line: turn the right-hand knob on the radio.

Hiding Check Control messages



Press the onboard computer button on the turn signal lever.

- ▷ Some Check Control messages are displayed continuously and are not cleared until the malfunction is eliminated. If several malfunctions occur at once, the messages are displayed consecutively.

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These messages can be hidden for approx. 8 seconds. After this time, they are displayed again automatically.

▷ Other Check Control messages are hidden automatically after approx. 20 seconds. They are stored and can be displayed again later.

Displaying stored Check Control messages

1. MENU Press the button.
2. "Vehicle Info"
3. "Vehicle status"
4. "Check Control"
5. Selecting the desired Check Control message

Messages after trip completion

Special messages that are displayed during driving are displayed again after the ignition is switched off.

FUEL GAUGE

The vehicle inclination may cause the display to vary.

The arrow beside the fuel pump symbol shows which side of the vehicle the fuel filler flap is on.

Hints on refueling, refer to page 162.

TACHOMETER

Always avoid engine speeds in the red warning field. In this range, the fuel supply is interrupted to protect the engine.

ENGINE OIL TEMPERATURE

If the engine oil along with the engine becomes too hot, a Check Control message is displayed.

COOLANT TEMPERATURE

If the coolant along with the engine becomes too hot, a Check Control message is displayed.

Check the coolant level, refer to page 183.

ODOMETER AND TRIP ODOMETER

Odometer and trip odometer are displayed in the instrument cluster.

Resetting the trip odometer

Press the knob.

▷ The odometer is displayed when the ignition is switched off.

▷ When the ignition is switched on, the trip odometer is reset.

EXTERNAL TEMPERATURE

External temperature warning

If the indicator drops to +37 °F/+3 °C, a signal sounds.

A Check Control message is displayed.

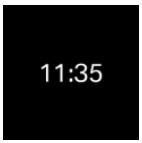
There is an increased risk of ice on roads.

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 shaded roads, for example, to avoid the increased risk of an accident.◄

TIME



The time is displayed in the instrument cluster.

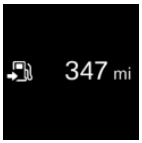
Setting the time on the radio, refer to page 65.

DATE

The date is displayed in the instrument cluster.

Set the date on the radio, refer to page 65.

RANGE



After the reserve range is reached:

- ▷ A Check Control message is displayed briefly.
- ▷ The remaining range is shown on the onboard computer.

▷ When a dynamic driving style is used, such as when cornering quickly, operation of the engine is not always ensured.

The Check Control message appears continuously below a range of approx. 30 miles/50 km.

Refuel promptly

Refuel no later than at a range of 30 miles/50 km, or operation of the engine is not ensured and damage may occur.◄

Displaying the cruising range

1. MENU Press the button.
2. "Settings"
3. "Info display"
4. "Range"

CURRENT FUEL CONSUMPTION

Displays the current fuel consumption. You can check whether you are currently driving in an efficient and environmentally-friendly manner.

SERVICE REQUIREMENTS

The concept

The driving distance or the time to the next scheduled maintenance is displayed briefly in the instrument cluster after the ignition is switched on.

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

Display

Detailed information on service requirements

Detailed information on service requirements is displayed on the radio.

1. MENU Press the button.
2. "Vehicle Info"
3. "Vehicle status"
4. "Service required"
5. Select the desired entry to view detailed information.

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Symbols

Symbols	Description
	No service is currently required.
	The deadline for scheduled maintenance or a legally mandated inspection is approaching.
	The service deadline has already passed.

Entering appointment dates

Enter the dates for the required inspections.

Ensure that the vehicle date and time are set correctly.

1.  Press the button.
2.  "Vehicle Info"
3. "Vehicle status"
4. "Service required"
5. "§ Vehicle inspection" or"§ Emission inspection"
6. "Change date"
7. Enter the desired appointment.

GEAR SHIFT INDICATOR

The concept

The system recommends the most fuel efficient gear for the current driving situation.

Displays

Indicators to shift up or down are displayed in the instrument cluster.

Example	Description
	Fuel efficient gear is engaged.
	Shift into fuel efficient gear.

SPEED LIMIT DETECTION WITH NO PASSING INFORMATION

The concept

Speed limit detection

Speed limit detection uses a symbol in the shape of a traffic sign to display the currently detected speed limit. The camera at the base of the interior rearview mirror detects traffic signs at the edge of the road as well as variable overhead sign posts. Traffic signs with extra symbols for wet road conditions, etc. are also detected and compared with vehicle interior data, such as for the rain sensor, and are displayed depending on the situation.

Without a navigation system, the system is subject to limitations imposed by technology. Speed limits with extra text characters are always displayed.

No Passing Information

No Passing Information in the instrument cluster displays the beginnings and ends of no passing zones detected by the camera. The system accounts for only the beginnings and ends of No Passing zones marked by signs.

No display is shown:

- In countries where No Passing zones are primarily identified with road markings.
- On routes without signage.
- Where there are railroad crossings, highway markings or other situations where no sig-

nage is present, but passing would not be permitted.

Hints

Speed limits and no passing zones when towing a trailer are not shown.

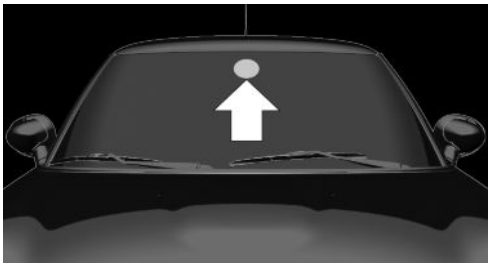
Personal judgment

The system cannot serve as a substitute for the driver's personal judgment of the traffic situation.

The system assists the driver and does not replace the human eye.◂

At a glance

Camera



The camera is located near the base of the mirror.

Keep the windshield in the area behind the interior rearview mirror clean and clear.

Switching on/off

1. MENU Press the button.
2. "Settings"
3. "Info display"
4. "Speed limit information"

If speed limit detection is switched on, it can be displayed on the info display in the instrument cluster via the onboard computer.

No Passing Information is displayed together with the activated speed limit information.

Display

The following is displayed in the instrument cluster.

Speed limit detection

The last speed limit detected.

Without a navigation system the traffic signals are grayed out after curves or longer stretches of roadway.

Without navigation system: no speed limit or cancellation is detected.

No Passing Information

- Start of No Passing zone.
- End of No Passing zone.
- No Passing Information not available.

System limits

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

- In heavy fog, rain or snowfall.
- When signs are concealed by objects.
- When driving very close to the vehicle in front of you.
- When driving toward bright lights.
- When the windshield behind the interior rearview mirror is fogged over, dirty or covered by a sticker, etc.
- In the event of incorrect detection by the camera.
- When passing buses or trucks with a speed sticker.
- If the traffic signs are non-conforming.

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▷ During calibration of the camera immediately after vehicle shipment.

SELECTION LISTS IN THE INSTRUMENT CLUSTER

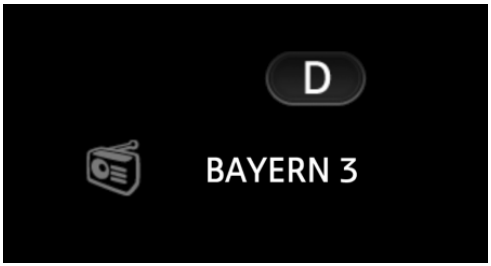
The concept

The following can be displayed or operated using the buttons on the steering wheel and the display in the instrument cluster:

▷ Current audio source.

In addition, programs of the Driving Dynamics Control are displayed.

Display

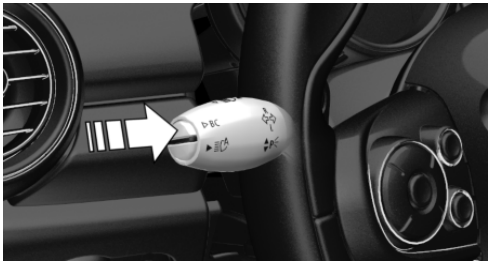


Activating a list and adjusting the setting

Button the steering wheel	Function
 	Activate the corresponding list, and select the desired setting.

COMPUTER

Calling up information on the info display



Press the onboard computer button on the turn signal lever.

Information is displayed on the info display of the instrument cluster.

Calling up information in the radio

Information is also shown on the radio display.

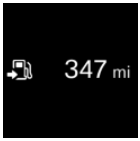
1. MENU Press the button.
2. "Vehicle Info"
3. "Onboard info"

Resetting values

1. Select the desired value.
2. "Reset?"

Information at a glance

Info display



Repeatedly pressing the button on the turn signal lever calls up the following information on the info display:

▷ Range.

▷ GREEN Info.

▷ Average fuel consumption.

▷ Average speed.

- Date.
- Speed limit detection.

Radio

Selected information is shown on the radio.

- Range.
- Average fuel consumption.
- Average speed.

Adjusting the info display

You can select what information from the on-board computer is to be displayed on the info display of the instrument cluster.

1. MENU Press the button.
2. "Settings"
3. "Info display"
4. Select the desired displays.

Information in detail

Range

Displays the estimated cruising range available with the remaining fuel.

It is calculated based on your driving style over the last 20 miles/30 km.

Average fuel consumption

This is calculated for the period during which the engine is running.

The average fuel consumption is calculated for the distance traveled since the last reset by the onboard computer.

Average speed

Periods in which the vehicle is parked with the engine manually stopped are not included in the calculation of the average speed.

Resetting average values

Press and hold the onboard computer button on the turn signal lever.

Speed limit detection

Description of the speed limit detection, refer to page 61, function.

Speed limit

Display of a speed limit which, when reached, should cause a warning to be issued.

The warning is repeated if the vehicle speed drops below the set speed limit once by at least 3 mph/5 km/h.

Displaying, setting or changing the limit

1. MENU Press the button.
2. "Settings"
3. "Speed"
4. "Warning at:"
5. Turn the right knob until the desired limit is displayed.
6. Press the right button.

The speed limit is stored.

Activating/deactivating the limit

1. MENU Press the button.
2. "Settings"
3. "Speed"
4. "Warning"

Setting your current speed as the limit

1. MENU Press the button.
2. "Settings"
3. "Speed"
4. "Select current speed"

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The current vehicle speed is stored as the limit.

SETTINGS ON THE RADIO

The following settings are created on the radio:

- ▷ Time, date.
- ▷ Formats, units of measure.

Formats and units of measure

1. MENU Press the button.
2. "Settings"
3. "Language/Units"
4. Select the desired format or unit of measure:
   - ▷ "Language:"
   - ▷ "Consumption:"
   - ▷ "Distance:"
   - ▷ "Pressure:"
   - ▷ "Temperature:"
5. Set the desired unit of measure or language.

Setting the time and date

1. MENU Press the button.
2. "Settings"
3. "Time/Date"
4. Select desired menu entry:
   - ▷ "Time:"
   - ▷ "Time format:"
   - ▷ "Date:"
   - ▷ "Date format:"
5. Turn the right knob until the desired setting is selected.

LED RING ON THE CENTRAL INSTRUMENT CLUSTER

The concept

The LED ring indicates functions via light animations.

Have the basic displays, for example the LED color or vehicle speed or event displays, e.g. temperature indicators of the air conditioner or the volume settings of the radio adjusted immediately.

Switching on/off LED ring

1. MENU Press the button.
2. "Settings"
3. "Center display"
4. "Center display"

Adjusting the LED ring

1. MENU Press the button.
2. "Settings"
3. "Center display"
4. "Standard view" or "Event view"
5. Select the desired setting.

Setting the brightness

1. MENU Press the button.
2. "Settings"
3. "Center display"
4. "Brightness"
5. Turn the right-hand knob.

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

LAMPS

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

AT A GLANCE

1 Rear fog lamps

2 Front fog lamps

3 Automatic headlamp control, cornering lamps, High-beam Assistant, welcome lamps, daytime running lights

4 Lamps off, daytime running lights

5 Parking lamps/daytime running lights

6 Low beams, welcome lamps, High-beam Assistant

7 Instrument lighting

PARKING LAMPS, CORNERING LAMPS AND ROADSIDE PARKING LAMPS

Parking lamps

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

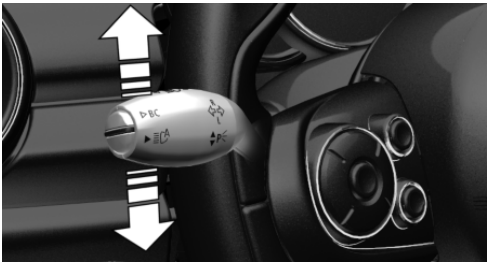
Do not use the parking lamps for extended periods; otherwise, the battery may become discharged and it would then be impossible to start the engine.

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

Low beams

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

Roadside parking lamps



The vehicle can be illuminated on one side.

Switching on

With the ignition switched off, press the lever either up or down past the resistance point for approx. 2 seconds.

Switching off

Briefly press the lever to the resistance point in the opposite direction.

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WELCOME LAMPS AND HEADLAMP COURTESY DELAY FEATURE

Welcome lamps

When the vehicle is parked, leave the switch in position or : parking and interior lamps come on briefly when the vehicle is unlocked depending on the ambient light.

Activating/deactivating

Operation takes place via the radio.

1. MENU Press the button
2. "Settings"
3. "Lighting"
4. "Welcome light"

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

Headlamp courtesy delay feature

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

Setting the duration

Operation takes place via the radio.

1. MENU Press the button
2. "Settings"
3. "Lighting"
4. "Pathway lighting:"
5. Set the duration.

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

AUTOMATIC HEADLAMP CONTROL

Switch position : the low beams are switched on and off automatically, e.g., in tunnels, in twilight or if there is precipitation. The indicator lamp in the instrument cluster lights up.

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

The low beams always stay on when the fog lamps are 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

With the ignition switched on, the daytime running lights light up in position 0, or . After the ignition is switched off, the parking lamps light up in position .

Activating/deactivating

In some countries, daytime running lights are compulsory, so it may not be possible to deactivate the daytime running lights.

Operation takes place via the radio.

1. MENU Press the button
2. "Settings"
3. "Lighting"
4. "Daytime running lamps"

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

CORNERING LAMP

Switch position : during cornering, the cornering lamp also lights the interior area of the curve. Below a speed of approx.
25 mph/40 km/h when the flasher is switched on and the steering angle is detected, there is automatic activation.

Malfunction

A Check Control message is displayed.

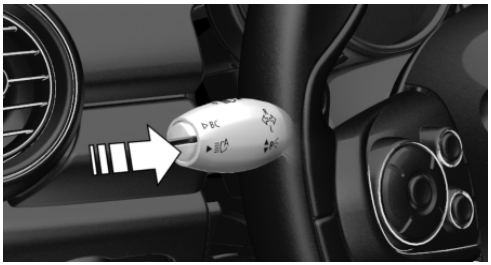
Cornering light is disrupted or failed. Have the system checked as soon as possible.

HIGH-BEAM ASSISTANT

The concept

When the low beams 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 can be activated when the low beams are switched on.

1. Turn the light switch to or .
2. Press the button on the turn signal lever, arrow.

The indicator lamp in the instrument cluster lights up.

When the low beams are on, the lights are automatically brightened or dimmed.

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

The blue indicator lamp in the instrument cluster lights up when the system switches on the high beams.

Switching the high beams on and off manually

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

The High-beam Assistant can be switched off when manually adjusting the light. To reactivate the High-beam Assistant, press the button on the turn signal lever.

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 situa-

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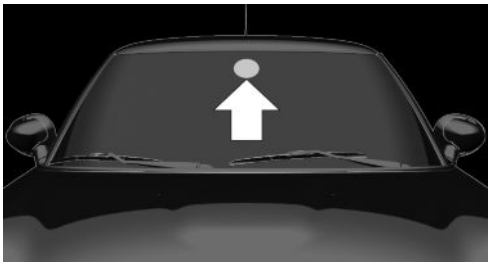
tions where this is required to avoid a safety risk.◄

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 behind the interior rearview mirror is fogged over, dirty or covered with stickers, etc.

Camera



The camera is located near the base of the mirror.

Keep the windshield in the area behind the interior rearview mirror clean and clear.

FOG LAMPS

Front fog lamps

The low beams must be switched on.

Press the button. The green indicator lamp lights up.

If the automatic headlamp control, refer to page 67, is activated, the low beams will come on automatically when you switch on the front fog lamps.

Rear fog lamps

The low beams or front fog lamps must be switched on.

Press the button. The yellow indicator lamp lights up.

If the automatic headlamp control, refer to page 67, is activated, the low beams will come on automatically when you switch on the rear fog lamps.

RIGHT-HAND/LEFT-HAND TRAFFIC

Halogen headlamps

When crossing over into countries in which driving takes place on the other side of the road than in the country in which the vehicle is registered, measures must be taken to prevent the blinding effect of the headlamps. The service center can provide the necessary masking film. Adhere to the following instructions when applying the film.

LED headlamps

The light distribution of LED headlamps reduces the blinding effect when driving in a country in which driving takes place on the other side of the road than in the country of registration.

INSTRUMENT LIGHTING

Adjusting

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

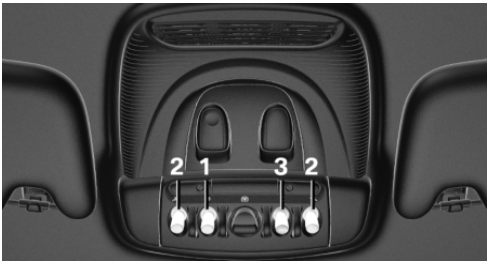
Adjust the brightness using the thumbwheel.

INTERIOR LAMPS

General information

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

The brightness of some of these lamps is influenced by the thumbwheel for the instrument lighting.



1 Interior lamps

2 Reading lamp

3 Ambient light

Switching the interior lamps on and off

Press the button.

To switch off permanently: press the button for approx. 3 seconds.

Switch back on: press button.

Reading lamps

Press the button.

Reading lamps are located at the front and rear next to the interior lamps.

Ambient light

Depending on the equipment, the lighting can be adjusted in the interior for some lights.

Changing color

Push the switch forward or back: manual color change.

Push and hold the switch forward or back: automatic color change. Push the switch again to end the color changing.

Setting the brightness

The brightness of the ambient light can be adjusted via the thumbwheel for the instrument lighting or on the radio.

Operation takes place via the radio.

1. MENU Press the button.
2. "Settings"
3. "Lighting"
4. "Brightness"
5. Set the desired brightness.

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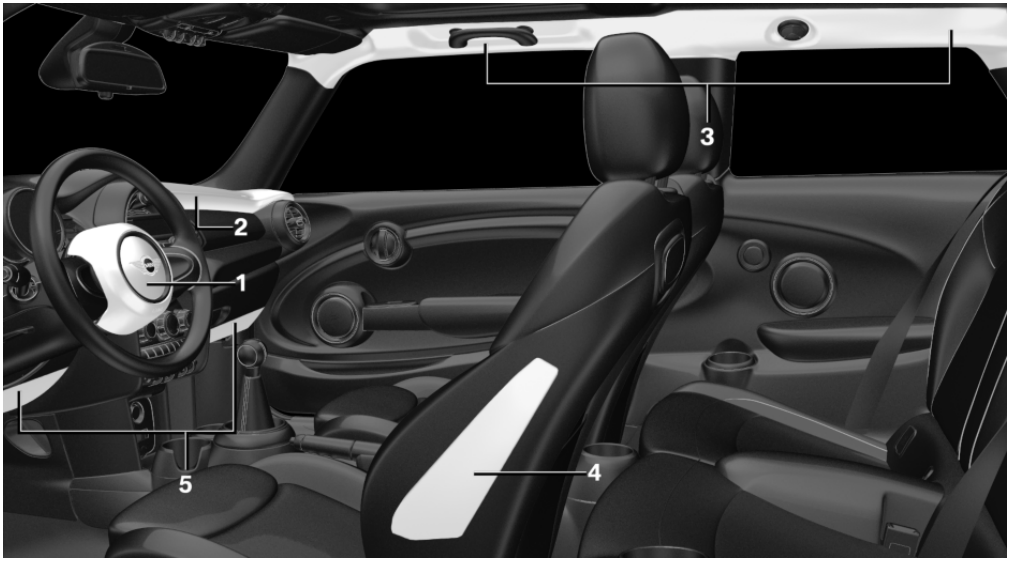
SAFETY

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

AIRBAGS



1 Front airbag, driver
2 Front airbag, front passenger
3 Head airbag
4 Side airbag
5 Knee airbags

Front airbags

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

Side airbags

In a lateral impact, the side airbag supports the side of the body in the chest and lap area.

Head airbags

In a lateral impact, the head airbag supports the head.

Knee airbag

The knee airbag supports the legs in a frontal impact.

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Protective action

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

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 occupants keep their heads away from the side airbag and do not rest against the head airbag; otherwise, injuries can occur if the airbags are triggered.
- 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 steering wheel covers, the dashboard, the seats, the roof pillars and the sides of the headliner.◂

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.

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 the 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.◂

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

Functional readiness of the airbag system

When the ignition is switched on, the warning lamp in the instrument cluster lights up briefly and thereby indicates the operational readiness of the entire airbag system and the belt tensioner.

Airbag system malfunctioning

- Warning lamp does not come on when the ignition is turned on.
- The warning lamp lights up continuously.

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When there is a malfunction, have the airbag system checked immediately

When there is a malfunction, have the airbag system checked immediately; otherwise, there is a risk that the system does not function as expected in the event of an accident despite corresponding severity of the accident.◀

Automatic deactivation of the front passenger airbags

The system determines whether the front passenger seat is occupied by measuring the resistance of the human body.

The front, knee, and side airbag on the front passenger side are activated or deactivated accordingly.

Leave 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.◀

Child restraint fixing system in the front passenger seat

Before transporting a child on the front passenger seat, refer to the safety notes and instructions under Children on the front passenger seat.◀

Malfunction of the automatic deactivation system

When transporting older children and adults, the front passenger airbags may be deactivated in certain sitting positions. In this case, the indicator lamp for the front passenger airbags lights up.

In this case, change the sitting position so that the front passenger airbags are activated and the indicator lamp goes out.

If it is not possible to activate the airbags, have the person sit in the rear.

To make sure that the occupied seat cushion can be evaluated correctly

- Do not attach covers, cushions, ball mats or other items to the front passenger seat unless they are specifically recommended by the manufacturer of your vehicle.
- Do not place any electronic devices on the passenger seat if a child restraint system is to be installed on it.
- Do not place objects under the seat that could press against the seat from below.
- No moisture in or on the seat.

Indicator lamp for the front passenger airbags

The indicator lamp for the front passenger airbags indicates the operating state of the front passenger airbags.

The lamp indicates whether the airbags are activated or deactivated.

- The indicator lamp lights up when a child who is properly seated in a child restraint fixing system intended for that purpose is detected on the seat or the seat is empty. The airbags on the front passenger side are not activated.
- The indicator lamp does not light up when, for example, a correctly seated person of sufficient size is detected on the seat. The airbags on the front passenger side are activated.

Detected child seats

The system generally detects children seated in a child seat, especially in the child seats that were required by NHTSA when 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.

Strength of the driver's and front passenger airbag

The strength with which the driver's and front passenger airbags are triggered depends on the position of the driver's and front passenger seats.

To maintain the accuracy of this function over the long-term, calibrate the front seats when a corresponding message appears on the Control Display.

Calibrating the front seats

A corresponding message appears on the Control Display.

1. Move the respective seat forward all the way.
2. Move the respective seat forward again. It moves forward briefly.
3. Readjust the seat to the desired position.

The calibration procedure is completed when the message on the Control Display disappears.

If the message continues to be displayed, repeat the calibration.

If the message does not disappear after a repeat calibration, have the system checked as soon as possible.

Unobstructed area of movement

Ensure that the area of movement of the seats is unobstructed to avoid personal injury or damage to objects.◂

TIRE PRESSURE MONITOR TPM

The concept

The system monitors tire pressure in the four mounted tires. The system warns you if there is a significant loss of pressure in one or more tires. For this purpose, sensors in the tire valves measure the tire inflation pressure.

Hints

Tire damage due to external factors

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

Pay attention to the other information and indications under Tire inflation pressure, refer to page 166, as well when using the system.

Functional requirements

The system must have been reset with the correct tire inflation pressure; otherwise, reliable signaling of tire pressure loss is not ensured.

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

Always use wheels with TPM electronics to ensure that the system will operate properly.

Status display

The current status of the Tire Pressure Monitor TPM can be displayed, e.g., whether or not the TPM is active.

1. MENU Press the button.
2. "Vehicle Info"
3. "Vehicle status"
4. "Tire Pressure Monitor (TPM)"

The status is displayed.

In addition, the current tire inflation pressures are displayed. The values shown are current

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measurement values and may vary depending on driving style or weather conditions.

Carry out reset

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

1. Start the engine - do not drive away.
2. MENU Press the button.
3. "Vehicle Info"
4. "Vehicle status"
5. "Tire Pressure Monitor (TPM)"
6. To reset the tire pressure: "Perform reset"
7. Drive away.

"Resetting..." is displayed.

After driving faster than 19 mph/30 km/h for a short period, the tire inflation pressures set are accepted as reference values. The resetting process is completed automatically during driving.

The trip can be interrupted at any time. If you drive away again, the reset resumes automatically.

Low tire pressure message

The yellow warning lamp lights up. A Check Control message is displayed.

- ▷ There is a flat tire or a major loss in tire inflation pressure.
- ▷ A reset of the system was not carried out after a wheel was changed. The system therefore issues a warning based on the tire pressures before the last reset.

1. Reduce your speed and stop cautiously. Avoid sudden braking and steering maneuvers.
2. Check whether the vehicle is fitted with regular tires or run-flat tires.

Run-flat tires, refer to page 173, are labeled with a circular symbol containing the letters RSC marked on the tire sidewall.

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.◂

When a low inflation pressure is indicated, DSC Dynamic Stability Control is switched on if necessary.

Actions in the event of a flat tire

Normal tires

1. Identify the damaged tire.

   Do this by checking the air pressure in all four tires.

   The tire pressure gauge of the Mobility System, refer to page 173, can be used for this purpose.

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

   If an identification is not possible, please contact the service center.
2. Rectify the flat tire using the Mobility System, refer to page 173.

   Use of tire sealant, e.g., the Mobility System, may damage the TPM wheel electronics. In this case, have the electronics checked at the next opportunity and have them replaced if necessary.

Run-flat tires

Maximum speed

You can continue driving with a damaged tire at speeds up to 50 mph/80 km/h.

Continued driving with a flat tire

If continuing to drive with a damaged tire:

1. Avoid sudden braking and steering maneuvers.
2. Do not exceed a speed of 50 mph/80 km/h.
3. Check the air pressure in all four tires at the next opportunity.

   If the tire inflation pressure in all four tires is correct, it is possible that a reset was not carried out for the Tire Pressure Monitor. In that case, carry out a reset.

Possible driving distance with complete loss of tire inflation pressure:

The possible driving distance after a loss of tire inflation pressure depends on the cargo load and the driving style and conditions.

For a vehicle containing an average load, the possible driving distance is approx. 50 miles/80 km.

When the vehicle is driven with a damaged tire, its handling characteristics change, e.g., reduced lane stability during braking, a longer braking distance, and altered self-steering properties. Adjust your driving style accordingly. Avoid abrupt steering maneuvers or driving over obstacles, e.g., curbs, potholes, etc.

Because the possible driving distance depends on how the vehicle is used during the trip, the actual distance may be smaller or greater depending on the driving speed, road conditions, external temperature, cargo load, etc.

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 the system was not reset

A Check Control message is displayed.

The system has detected a wheel change, but no reset was carried out

Warnings regarding the current tire inflation pressure are not reliable.

Check the tire inflation pressure and carry out a reset of the system.

System limits

The system does not function properly if a reset has not been carried out, e.g., a flat tire is reported even though the tire inflation pressures are correct.

The tire pressure depends on the temperature of the tire. If the tire temperature rises, e.g., due to driving or because of the heat of the Sun, the tire inflation pressure increases also. The tire pressure is reduced when the tire temperature falls again. This behavior may cause a warning to be issued if temperatures fall very sharply.

Malfunction

The yellow warning lamp flashes and then lights up continuously. A Check Control message is displayed. No flat tire or loss of tire pressure can be detected.

Display in the following situations:

- A wheel without TPM electronics, such as a compact wheel, is mounted: have the service center check it if necessary.
- Malfunction: have the system checked by your service center.

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- TPM was unable to complete the reset. Reset the system again.
- Disturbance by systems or devices with the same radio frequency: after leaving the area of the disturbance, the system automatically becomes active again.

Declaration according to NHTSA/FMVSS 138 Tire Pressure Monitoring System

Each tire, including the spare (if provided) 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 is 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 under-inflated 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. Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. 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 start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction 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.

FTM FLAT TIRE MONITOR

The concept

The system does not measure the actual inflation pressure in the tires.

It detects a pressure loss in a tire by comparing the rotational speeds of the individual wheels while moving.

In the event of a pressure loss, the diameter and therefore the rotational speed of the corresponding wheel change. This is detected and 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.

Status display

The current status of the flat tire monitor can be displayed, e.g., whether the RPA is active.

1. MENU Press the button.
2. "Vehicle Info"
3. "Vehicle status"
4. "Flat Tire Monitor (FTM)"

The status is displayed.

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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.

1. MENU Press the button.
2. "Vehicle Info"
3. "Vehicle status"
4. "Flat Tire Monitor (FTM)"
5. Start the engine - do not drive away.
6. Start the initialization with "Flat Tire Monitor (FTM) reset".
7. Drive away.

The initialization is completed while driving, which can be interrupted at any time.

The initialization automatically continues when driving resumes.

Indication of a flat tire

The yellow warning lamp lights up. A Check Control message is displayed.

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

1. Reduce your speed and stop cautiously. Avoid sudden braking and steering maneuvers.
2. Check whether the vehicle is fitted with regular tires or run-flat tires.

   Run-flat tires, refer to page 173, are labeled with a circular symbol containing the letters RSC marked on the tire sidewall.

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.◄

When a flat tire is indicated, DSC Dynamic Stability Control is switched on if necessary.

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. Therefore, check the tire inflation pressure regularly.

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.

Actions in the event of a flat tire

Normal tires

1. Identify the damaged tire.

   Do this by checking the air pressure in all four tires.

   The tire pressure gauge of the Mobility System, refer to page 173, can be used for this purpose.

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

   If an identification is not possible, please contact the service center.
2. Rectify the flat tire using the Mobility System, refer to page 173.

Run-flat tires

Maximum speed

You can continue driving with a damaged tire at speeds up to 50 mph/80 km/h.

Continued driving with a flat tire

If continuing to drive with a damaged tire:

1. Avoid sudden braking and steering maneuvers.
2. Do not exceed a speed of 50 mph/80 km/h.
3. Check the air pressure in all four tires at the next opportunity.

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

Possible driving distance with complete loss of tire inflation pressure:

The possible driving distance after a loss of tire inflation pressure depends on the cargo load and the driving style and conditions.

For a vehicle containing an average load, the possible driving distance is approx. 50 miles/80 km.

When the vehicle is driven with a damaged tire, its handling characteristics change, e.g., reduced lane stability during braking, a longer braking distance, and altered self-steering properties. Adjust your driving style accordingly. Avoid abrupt steering maneuvers or driving over obstacles, e.g., curbs, potholes, etc.

Because the possible driving distance depends on how the vehicle is used during the trip, the actual distance may be smaller or greater depending on the driving speed, road conditions, external temperature, cargo load, etc.

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.◂

INTELLIGENT SAFETY

The concept

The intelligent safety systems can help to prevent an imminent collision.

- Collision warning with City Braking function, refer to page 80.
- Pedestrian warning with city braking function, refer to page 83

Note

Personal responsibility

The system does not serve as a substitute for the driver's personal judgment of the traffic situation.

Be aware of the traffic situation and the vehicle's surroundings at all times, otherwise an accident is still possible despite all warnings.◂

At a glance

Button in the vehicle

Intelligent Safety button

Switching on/off

Some Intelligent Safety systems are automatically active after each engine start via the start/stop button. Some Intelligent Safety systems activate according to the last setting.

Press the button:

The menu for the intelligent safety system is displayed. Adjustments can be made. The individual settings are stored for the remote control currently in use.

Press the button briefly:

- ▷ Intelligent Safety systems are individually switched off according to individual setting.
- ▷ LED lights up orange or goes out depending on the individual setting.

Press the button again:

- ▷ All Intelligent Safety systems are switched on.
- ▷ The LED lights up green.

Hold the button down:

- ▷ All Intelligent Safety systems are switched off.
- ▷ The LED goes out.

COLLISION WARNING WITH CITY BRAKING FUNCTION

The concept

The system can help to prevent accidents. If an accident cannot be prevented, the system helps to reduce the collision speed.

The system issues a warning if there is imminent danger of a collision and if so brakes independently.

The automatic braking intervention is done with limited force and duration.

The system is controlled via a camera in the base of the mirror.

The collision warning is available even if cruise control has been deactivated.

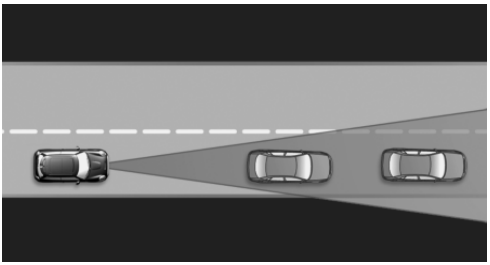
When the vehicle is intentionally brought close to a vehicle, the collision warning is delayed to avoid false warnings.

General information

The system issues a two-phase warning of a danger of collision with vehicles at speeds above approx. 3 mph/5 km/h. The time of these warnings may vary depending on the current driving situation.

Up to approx. 35 mph/60 km/h a braking intervention occurs when appropriate.

Detection range



Vehicles are observed when they are traveling in the same direction of movement if they are

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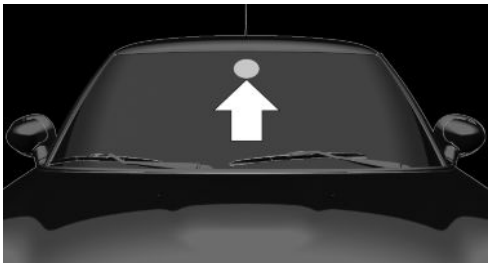
located within the detection range of the system.

At a glance

Button in the vehicle

Intelligent Safety button

Camera



The camera is located near the base of the mirror.

Keep the windshield in the area behind the interior rearview mirror clean and clear.

Switching on/off

Switching on automatically

The system is automatically active every time the engine is started using the Start/Stop button.

Switching on/off manually

Press the button: the menu for the intelligent safety system is displayed. Adjustments can be made. The individual settings are stored for the remote control currently in use.

Press the button briefly:

- Intelligent Safety systems are individually switched off according to individual setting.
- The LED lights up orange.

Press the button again:

- All Intelligent Safety systems are switched on.
- The LED lights up green.

Hold the button down:

- All Intelligent Safety systems are switched off.
- The LED goes out.

Setting the warning time

The warning time can be set on the radio.

1. Intelligent Safety button

   The intelligent safety menu is displayed for a brief time on the radio display.
2. "Front. Coll. Warn."
3. "Warning time"
4. Setting the desired warning time

The selected channel is stored for the remote control currently in use.

Warning with braking function

Note

Adapting your speed and driving style

The warning does not relieve the driver of the responsibility to adapt his or her driving speed and style to the traffic conditions.◀

Display

If a collision with a vehicle detected in this way is imminent, a warning symbol appears on the instrument cluster and in the Head-up Display.

Symbol	Measure
	The vehicle lights up red: prewarning. Increase braking and distance.
	The vehicle flashes red and an acoustic signal sounds: acute warning. You are requested to intervene by braking or making an evasive maneuver.

Braking intervention

The warning prompts the driver himself to intervene. During a warning, the maximum braking force is used. A prerequisite for the brake booster is a sufficiently fast and sufficiently strong actuation of the brake pedal. In addition, if there is a risk of collision, the system can assist with a slight braking intervention. The intervention can bring a vehicle traveling at slow speed to a complete stop.

Manual transmission: During a braking intervention up until reaching a complete stop, the engine may be shut down.

The braking intervention is executed only if DSC Dynamic Stability Control is switched on and Dynamic Traction Control DTC is activated.

The braking intervention can be interrupted by pressing on the accelerator pedal or by actively moving the steering wheel.

Tow-starting and towing

When tow-starting and towing the vehicle, switch off the Intelligent Safety systems; otherwise, improper behavior of the braking function of individual systems could result in an accident.◄

System limits

Be alert

Due to system limitations, warnings may be not be issued at all, or may be issued late or improperly. Therefore, always be alert and ready to intervene; otherwise, there is the danger of an accident occurring.◄

Detection range

The system's detection capabilities are limited.

This may result in the warning not being issued or being issued late.

For example, the following situations may not be detected:

- Slow moving vehicles when you approach them at high speed.
- Vehicles that suddenly swerve in front of you or sharply decelerating vehicles.
- Vehicles with an unusual rear appearance.
- Two-wheeled vehicles ahead of you.
- Pedestrians.

Functional limitations

The system may not be fully functional in the following situations:

- In heavy fog, rain, sprayed water or snowfall.
- In tight curves.
- If the driving stability control systems are limited or deactivated, for example, DSC OFF.
- If the camera in the mirror is dirty or obscured.
- During calibration of the camera immediately after vehicle shipment.
- If there is constant dimming because of oncoming light, for example, from the sun low in the sky.

Prewarning sensitivity

Depending on the set prewarning time, this may result in increased false warnings.

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PEDESTRIAN WARNING WITH CITY BRAKING FUNCTION

The concept

The system can help to prevent accidents with pedestrians.

The system issues a warning in the city driving speed area if there is imminent danger of a collision with pedestrians and includes a braking function.

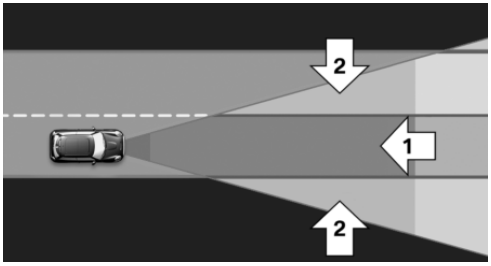
The system is controlled via the camera in the base of the interior mirror.

General information

The system issues a warning with brightness staring at approx. 6 mph/10 km/h to approx. 35 mph/60 km/h regarding a possible risk of collision with pedestrians and assists with a brake intervention shortly before a collision.

It responds to persons that are within the detection range of the system.

Detection range



The detection area in front of the vehicle is divided into two areas.

- ▷ Central area, arrow 1, directly in front of the vehicle.
- ▷ Expanded area, arrow 2, to the right and left.

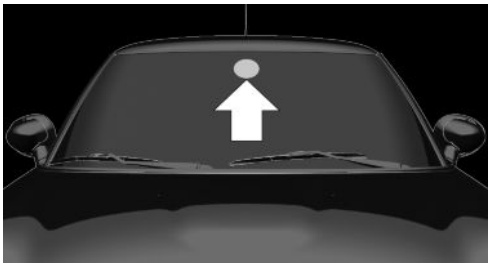
A collision is imminent if pedestrians are located within the central area. A warning is issued about pedestrians who are located within the extended area only if they are moving in the direction of the central area.

At a glance

Button in the vehicle

Intelligent Safety button

Camera



The camera is located near the base of the mirror.

Keep the windshield in the area behind the interior rearview mirror clean and clear.

Switching on/off

Switching on automatically

The system is automatically active every time the engine is started using the Start/Stop button.

Switching on/off manually

Press the button: the menu for the intelligent safety system is displayed. Ad-

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justments can be made. The individual settings are stored for the remote control currently in use.

Press the button briefly:

- Intelligent Safety systems are individually switched off according to individual setting.
- The LED lights up orange.

Press the button again:

- All Intelligent Safety systems are switched on.
- The LED lights up green.

Hold the button down:

- All Intelligent Safety systems are switched off.
- The LED goes out.

Warning with braking function

Note

Adapting your speed and driving style

The warning does not relieve the driver of the responsibility to adapt his or her driving speed and style to the traffic conditions.◀

Display

If a collision with a person detected in this way is imminent, a warning symbol appears on the instrument cluster and in the Head-up Display.

The red symbol is displayed and a signal sounds.

Intervene immediately by braking or making an evasive maneuver.

Braking intervention

The warning prompts the driver himself to intervene. During a warning, the maximum braking force is used. A prerequisite for the brake booster is a sufficiently fast and sufficiently strong actuation of the brake pedal. In addition, if there is a risk of collision, the system can assist with a slight braking intervention. The intervention can bring a vehicle traveling at slow speed to a complete stop.

Manual transmission: During a braking intervention up until reaching a complete stop, the engine may be shut down.

The braking intervention is executed only if DSC Dynamic Stability Control is switched on and Dynamic Traction Control DTC is activated.

The braking intervention can be interrupted by pressing on the accelerator pedal or by actively moving the steering wheel.

Tow-starting and towing

When tow-starting and towing the vehicle, switch off the Intelligent Safety systems; otherwise, improper behavior of the braking function of individual systems could result in an accident.◀

System limits

Be alert

Due to system limitations, warnings may be not be issued at all, or may be issued late or improperly. Therefore, always be alert and ready to intervene; otherwise, there is the danger of an accident occurring.◀

Detection range

The detection capability of the camera is limited.

This may result in the warning not being issued or being issued late.

For example, the following situations may not be detected:

- Partially covered pedestrians.
- Pedestrians that are not detected as such because of the viewing angle or contour.
- Pedestrians outside of the detection range.
- Pedestrians having a body size less than 32 in/80 cm.

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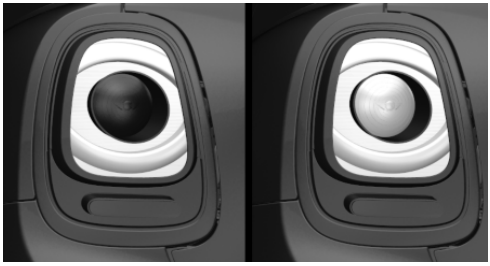
Functional limitations

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

- In heavy fog, rain, sprayed water or snowfall.
- In tight curves.
- If the camera view field or the front windshield are dirty or covered.
- When driving toward bright lights.
- Up to 20 seconds after the start of the engine, via the Start/Stop knob.
- During calibration of the camera immediately after vehicle shipment.
- When it is dark outside.

BRAKE FORCE DISPLAY

The concept



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

DRIVING STABILITY CONTROL SYSTEMS

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and 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.

BRAKE ASSISTANT

When you apply the brakes rapidly, this system automatically produces the maximum braking force boost. This then reduces braking distance to a minimum 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.

DSC DYNAMIC STABILITY CONTROL

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 to the 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.◄

Indicator/warning lamps

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

The indicator lamp lights up: DSC has failed.

Deactivating DSC: DSC OFF

When DSC is deactivated, driving stability is reduced during acceleration and when driving in bends.

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

Deactivating DSC

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

The DSC system is switched off.

Activating DSC

Press the button.

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DSC OFF and the DSC OFF indicator lamp go out.

Indicator/warning lamps

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

The indicator lamp lights up: DSC is deactivated.

Automatic activation

When DSC is deactivated, automatic activation occurs in the following situations:

- Failure of Dynamic Damping Control.
- The vehicle has a flat tire.
- When activating cruise control in TRACTION or DSC OFF mode.

DTC DYNAMIC TRACTION CONTROL

The concept

The DTC system is a version 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.

Deactivating/activating DTC Dynamic Traction Control

Activating the Dynamic Traction Control DTC provides maximum traction on loose ground. TRACTION is activated. Driving stability is limited during acceleration and when driving in bends.

Activating DTC

Press the button.

TRACTION is displayed in the instrument cluster and the indicator lamp for DSC OFF lights up.

Deactivating DTC

Press the button again.

TRACTION and the DSC OFF indicator lamp go out.

PERFORMANCE CONTROL

Performance Control enhances the agility of your vehicle.

To enhance performance during sporty driving, the front wheel on the inside of the curve is braked while the resulting braking effect is largely compensated by engine intervention.

DYNAMIC DAMPING CONTROL

The concept

This system reduces undesirable vehicle motion when using a dynamic driving style or traveling on uneven road surfaces.

The system enhances driving dynamics and comfort as required for the road surface and driving style.

Programs

The system offers several different programs.

The programs can be selected via the Driving Dynamics Control, refer to page 88.

MID/GREEN

Balanced control of the vehicle.

SPORT

Consistently sporty control of the shock absorbers for greater driving agility.

DRIVING DYNAMICS CONTROL

The concept

The Driving Dynamics Control can be used to adjust the certain characteristics of the vehicle. Three different programs can be selected for this purpose. By turning the Driving Dynamics Control, a particular program can be activated.

Operating the programs

Driving Dynamics Control	Program
	MID GREEN SPORT

MID

For a balanced tuning with maximum driving stabilization.

With each starting operation, MID is activated using the Start/Stop button.

GREEN

GREEN, refer to page 131, provides consistent tuning to minimize fuel consumption for maximum range with maximum driving stabilization.

Activating GREEN

Turn Driving Dynamics Control to the right until GREEN is displayed in the instrument cluster.

Configuring GREEN

Via the Driving Dynamics Control

1. Activate GREEN.
2. "Configure GREEN"
3. Configure the program.

Via radio

1. MENU Press the button.
2. "Settings"
3. "Driving mode"
4. "Configure GREEN"
5. Configure the program.

For vehicles without a configurable SPORT program:

1. MENU Press the button.
2. "Settings"
3. "GREEN Mode"
4. Configure the program.

This configuration is retrieved when GREEN is activated.

SPORT

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

Depending on the equipment version, SPORT can be individually configured.

Activating SPORT

Turn Driving Dynamics Control to the left until SPORT is displayed in the instrument cluster.

Configuring SPORT

Depending on the equipment version, SPORT can be individually configured.

Activating SPORT.

Select "Driving mode".

Configure the program.

Operation takes place via the radio.

1. MENU Press the button.
2. "Settings"
3. "Driving mode"
4. "Configure SPORT"
5. Make the desired settings.

This configuration is retrieved when SPORT is activated.

Displays

Program selection

When the Driving Dynamics Control is turned, a list of programs that can be selected is displayed.

Selected program

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 or when a trailer is being used, the vehicle may roll back slightly.

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.◀

DRIVING COMFORT

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

CAMERA-BASED CRUISE CONTROL, ACC

The concept

This system can be used to select a desired speed that the vehicle will maintain automatically on clear roads.

To the extent possible, the system automatically adjusts the speed to a slower vehicle ahead of you.

A camera on the interior rear view mirror is used to detect vehicles driving ahead.

The distance that the vehicle maintains to the vehicle ahead of you can be varied.

For safety reasons, it depends on the speed.

To maintain a certain distance, the system automatically decelerates, applies the brakes lightly, or accelerates again if the vehicle ahead begins moving faster.

As soon as the road is clear, it accelerates to the desired speed.

The speed is also maintained on downhill gradients, but may not be maintained on uphill slopes if engine power is insufficient.

General information

Depending on the set drive mode, refer to page 88, the characteristics of the cruise control can change in certain areas.

Hints

Personal responsibility

Even an active system does not release the driver from personal responsibility for the driving process, especially for lane tracking, adaptation of speed, distance and driving style to the traffic conditions.

Because of technical system limits, the system cannot independently react appropriately in all traffic situations.

Monitor the driving process, the surrounding area and what is occurring in traffic continuously and attentively and actively intervene as required, e.g., by braking, steering or making an evasive maneuver.◄

Unfavorable weather conditions

Unfavorable weather conditions, e.g., rain, snowfall or slush, may result in worsened detection of vehicles as well as short-term interruptions with already detected vehicles. Drive attentively, and react to the current traffic events. Intervene actively when necessary, e.g., by braking, steering or making an evasive maneuver, otherwise, there is danger of an accident.◄

At a glance

Buttons on the steering wheel

Press the button	Function
	Cruise control on/off, interrupting, refer to page 91
	Store/maintain speed, refer to page 92
	Resume speed, refer to page 92

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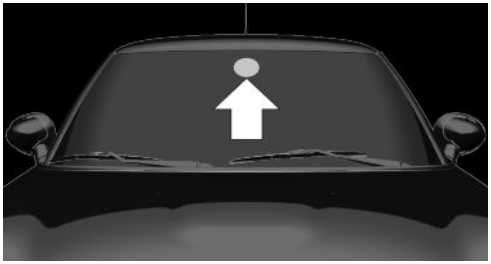
Press the button	Function
	Reduce distance, refer to page 92
	Increase distance, refer to page 92
	Maintain or save speed, refer to page 92 Increase maintain or save speed, refer to page 92
	Maintain or save speed, refer to page 92 Reduce, maintain or store speed, refer to page 92

The arrangement of the buttons varies according to the how the vehicle is equipped or country-specific variants.

Camera



The camera is located near the base of the mirror.

Keep the windshield in the area behind the interior rearview mirror clean and clear.

Switching on/off and interrupting cruise control

Switching on

Press the button on the steering wheel.

Display in the instrument cluster lights up.

Display in the instrument cluster lights up. The current speed is adopted as the desired speed and displayed on the symbol.

Cruise control can be used.

Switching off

Deactivated or interrupted system

If the system is deactivated or interrupted, actively intervene by braking, steering and, if necessary, with evasive maneuvers; otherwise, there is the danger of an accident occurring.◄

Press the button on the steering wheel.

- If active: press twice.
- If interrupted: press once.

The displays go out. The stored desired speed and distance are deleted.

Interrupting

Press the button on the steering wheel.

The system is automatically interrupted if:

- The brakes are applied.
- The clutch pedal is depressed for a few seconds or released while a gear is not engaged.
- Transmission position N is engaged.
- DTC Dynamic Traction Control is activated or DSC is deactivated.
- DSC is actively controlling stability.
- The detection range of the camera is distorted, for example, by soiling, heavy precipitation or glare from the sun.
- The vehicle in front decelerates below a speed of approx. 20 mph/30 km/h.

Maintaining/storing the speed

SET Press the button.

Or:

⊞ or ⊟ Press button in the interrupted state.

When the system is switched on, the current speed is maintained and stored as the desired speed.

The speed is displayed on the symbol.

When cruise control is maintained or stored, DSC Dynamic Stability Control is switched on, if necessary.

Changing, maintaining, and storing the speed

⊞ or ⊟ button: by pressing one of the buttons while the system is interrupted, the current speed can be maintained and stored. DSC Dynamic Stability Control is switched on, if necessary.

Adapting the desired speed

Adapt the desired speed to the road conditions and be ready to brake at all times; otherwise, there is the danger of an accident occurring.◂

Speed differences

Large differences in speed relative to other vehicles cannot be compensated by the system for example in the following situations:

- When catching up rapidly with slow-moving vehicles.
- When another vehicle suddenly swerves into the wrong lane.
- When stationary objects are approached at speed.◂

⊞ or ⊟ button: press until the desired speed is set.

If active, the displayed speed is stored and the vehicle reaches the stored speed if the road is clear.

- ⊞ or ⊟ button: each time it is pressed to the point of resistance, the desired speed increases or decreases by approx. 1 mph/1 km/h.
- ⊞ or ⊟ button: each time it is pressed past the point of resistance, the desired speed increases or decreases by a maximum of 5 mph/10 km/h.

⊞ or ⊟ button: hold down to repeat the corresponding action.

Distance

Selecting a distance

Adjust the distance according to the traffic and weather conditions; otherwise, there is the danger of an accident occurring. Maintain the prescribed safety distance.◂

Reduce distance

Press the button repeatedly until the desired distance is set.

The set distance increment is briefly displayed in the left part of the instrument cluster.

Increase distance

Press the button repeatedly until the desired distance is set.

The set distance increment is briefly displayed in the left part of the instrument cluster.

Calling up the desired speed and distance

While driving

RES Press the button with the system interrupted. The regulation of the desired speed and distance is continued with the

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stored values. The selected distance is briefly displayed in the info display.

In the following cases, the stored speed value is deleted and cannot be called up again:

- When the system is switched off.
- When the ignition is switched off.

Changing between cruise control with/ without distance control

Traffic driving ahead

The cruise control does not react to traffic driving ahead of you, but instead maintains the stored speed. Take this factor into account – you yourself must react; otherwise, there is the danger of an accident occurring.◀

To switch over to cruise control:


Press and hold the button, or


Press and hold the button.


The indicator lamp in the instrument cluster comes on and check-control message is displayed as soon as the switch is made to cruise control.

To switch back to the camera-based cruise control, press one of the buttons.

Displays in the instrument cluster

Desired speed

In addition to the indicator lamp, the desired speed is displayed in the info display.

- The indicator lights up green: the system is active.
- The indicator lights up orange: the system has been interrupted.
- No display: system is switched off.

Brief status display

Selected desired speed.

If --- appears briefly on the display for Check Control messages, it is possible that the system requirements for operation are currently not met.

Distance to vehicle ahead of you

Selected distance from the vehicle driving ahead is briefly displayed in the left hand portion of the info display.

Distance display	
	Distance 1
	Distance 2
	Distance 3
	Distance 4 This value is set after the system is switched on.

Indicator/warning lamps

Personal responsibility

The indicator and warning lamps do not relieve the driver of the responsibility to adapt his or her desired driving speed and style to the traffic conditions.◀


The vehicle symbol lights up orange:

A vehicle has been detected ahead of you.


The vehicle symbol flashes orange:

The conditions are not adequate for operating the system.

The system was deactivated but applies the brakes until you actively resume control by

pressing on the brake pedal or accelerator pedal.

The vehicle symbol flashes red and an acoustic signal sounds:

You are requested to intervene by braking or making an evasive maneuver.

The system has been interrupted or distance control is deactivated because the accelerator pedal is being pressed; a vehicle was not detected.

Distance control is deactivated because the accelerator pedal is being pressed; a vehicle was detected.

Flashing bars: the detected vehicle has driven away.

Changing between cruise control with/ without distance control

Display in the instrument cluster:

Cruise Control without distance control.

Camera-based cruise control with distance control.

System limits

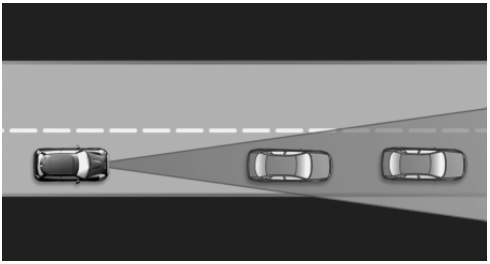
Speed range

The optimum area of use is on well constructed roads. The system is functional at speeds beginning at approx. 20 mph/30 km/h.

The maximum speed that can be set depends on the vehicle.

Comply with the legal speed limit in every situation when using the system.

Detection range



The detection capacity of the system and the automatic braking capacity are limited.

Two-wheeled vehicles for instance might not be detected.

Limited detection capacity

Because of the limits to the detection capacity of the camera, you should be alert at all times so that you can intervene actively, if necessary; otherwise, there is the danger of an accident occurring.◄

Deceleration

The system does not decelerate for:

- Pedestrians, cyclists or similar slow road users.
- Red traffic lights.
- Cross traffic.
- Oncoming traffic.
- Unlit vehicles or vehicles with defective lighting at night.

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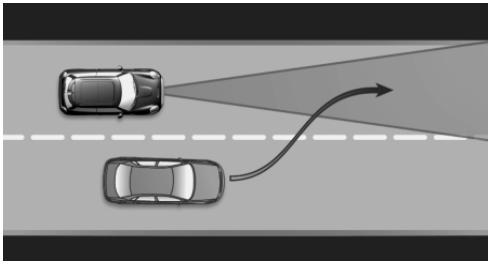
Swerving vehicles

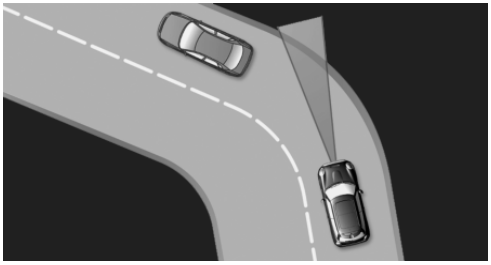


A vehicle driving in front of you is not detected until it is completely within the same lane as your vehicle.

Swerving vehicles

If a vehicle driving ahead of you suddenly swerves into your lane, the system may not be able to automatically restore the selected distance. This also applies to major speed differences to vehicles driving ahead of you, e.g., when rapidly approaching a truck. When a vehicle driving ahead of you is reliably detected, the system requests that the driver intervene by braking and carrying out evasive maneuvers, if necessary. You must react yourself; otherwise, there is the danger of an accident occurring.◂

Cornering



If the desired speed is too high for a curve, the speed is reduced slightly in the curve, although curves cannot be anticipated in advance. Therefore, drive into a curve at an appropriate speed.

In tight curves, situations may result due to the restricted detection range of the system in which a vehicle driving ahead of you may not be detected at all, or not until after a considerable delay.

When approaching a curve, the system may react briefly to the vehicles in the next lane due to the bend of the curve. Any deceleration of the vehicle by the system can be compensated for by briefly accelerating. After the accelerator pedal is released, the system becomes active again and independently controls the speed.

Malfunction

A Check Control message is displayed if the system fails or was automatically deactivated.

The system may not be fully functional in the following situations:

- If an object was not correctly detected.
- In heavy fog, rain, sprayed water or snowfall.
- In tight curves.
- If the camera view field or the front windshield are dirty or covered.
- When driving toward bright lights.
- Up to 20 seconds after the start of the engine, via the Start/Stop knob.
- During calibration of the camera immediately after vehicle shipment.

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CRUISE CONTROL

The concept

The system is functional at speeds beginning at approx. 20 mph/30 km/h.

It maintains the speed that was set using the control elements on the steering wheel.

The system brakes on downhill gradients if engine braking action is insufficient.

Unfavorable conditions

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.◂

General information

Depending on the set drive mode, refer to page 88, the characteristics of the cruise control can change in certain areas.

Controls

At a glance

Press the button	Function
	System on/off, interrupt
	Store speed
	Resume speed
	Increasing, maintaining or storing the speed
	Reducing, maintaining or storing the speed

Switching on

Press the button on the steering wheel.

The indicator lamp in the instrument cluster lights up.

The current speed is adopted as the desired speed and is displayed with the symbol in the instrument cluster.

Cruise control can be used.

Switching off

Deactivated or interrupted system

If the system is deactivated or interrupted, actively intervene by braking and, if necessary, with evasive maneuvers; otherwise, there is the danger of an accident occurring.◂

Press the button.

- If active: press twice.
- If interrupted: press once.

The displays go out. The stored desired speed is deleted.

Interrupting

When active, press the button.

The system is automatically interrupted if:

- The brakes are applied.
- The clutch pedal is depressed for a few seconds or released while a gear is not engaged.
- The gear engaged is too high for the current speed.
- Transmission position N is engaged.
- DTC Dynamic Traction Control is activated or DSC is deactivated.
- DSC is actively controlling stability.

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Maintaining/storing the current speed

SET Press the button.

Or

Press ⊞ or ⊟ button in the interrupted state.

When the system is switched on, the current speed is maintained and stored as the desired speed.

This is displayed in the instrument cluster.

When cruise control is maintained or stored, DSC Dynamic Stability Control is switched on, if necessary.

Changing/maintaining speed

⊞ or ⊟ button: can be pressed while the system is interrupted in order to maintain and store the current speed.

Adapting the desired speed

Adapt the desired speed to the road conditions and be ready to brake at all times; otherwise, there is the danger of an accident occurring.◀

⊞ or ⊟ button: press until the desired speed is set.

If active, the displayed speed is stored and the vehicle reaches the stored speed if the road is clear.

- ⊞ or ⊟ button: each time it is pressed to the point of resistance, the desired speed increases or decreases by approx. 1 mph/1 km/h.
- ⊞ or ⊟ button: each time it is pressed past the point of resistance, the desired speed increases or decreases by a maximum of 5 mph/10 km/h.

  The maximum speed that can be set depends on the vehicle.
- ⊞ or ⊟ button: pressing it to the resistance point and holding it accelerates or decelerates the vehicle without requiring pressure on the accelerator pedal. After the button is released, the vehicle maintains its final speed. Pressing the switch beyond the resistance point causes the vehicle to accelerate more rapidly.

Resuming the desired speed

RES Press the button.

The stored speed is reached and maintained.

Displays in the instrument cluster

Indicator lamp

Depending on how the vehicle is equipped, the indicator lamp in the instrument cluster indicates whether the system is switched on.

Desired speed

The desired speed is displayed together with the symbol.

- The indicator lights up green: the system is active.
- The indicator lights up orange: the system has been interrupted.
- No display: system is switched off.

Brief status display

Selected desired speed.

If --- appears briefly on the display for Check Control messages, it is possible that the system requirements for operation are currently not met.

PDC PARK DISTANCE CONTROL

The concept

PDC supports you when parking. Slowly approaching an object behind or, with the appropriate equipment, also in front of your vehicle is signaled by signal tones:

General information

Measurements are made by ultrasound sensors in the bumpers.

The range, depending on the environment, is approx. 6 ft/2 m.

An acoustic warning is first given:

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

Hints

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.◄

At a glance

Button in the vehicle

PDC Park Distance Control

Switching on/off

Switching on automatically

PDC switches on automatically in the following situations:

- If the engine is running, select transmission position R.
- If, with the appropriate equipment, obstacles are detected behind or in front of the vehicle by PDC and the speed is slower than approx. 2 mph/3 km/h.

Automatic activation when obstacles are detected can be switched off via the radio:

1. MENU Press the button.
2. "Settings"
3. "Parking"
4. "Auto PDC"
5. Select the setting.

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

Automatic deactivation during forward travel

The system switches off when a certain driving distance or speed is exceeded.

Switch the system back on if necessary.

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Switching on/off manually

Press the button.

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

Display

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.

If the distance to a detected object is less than approx. 10 in/25 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 signal tone is switched off:

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

Volume

The volume of the PDC signal can be adjusted, refer to user's manual for Navigation, Entertainment and Communication.

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

System limits

Limits of ultrasonic measurement

The detection of objects can reach the physical limits of ultrasonic measurement, e.g.:

- With tow bars and trailer hitches.
- With thin or wedge-shaped objects.
- With low objects.
- With objects with corners and sharp edges.
- When there is snow.
- For objects with porous surfaces.

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.
- On uneven surfaces, such as speed bumps.
- 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.

  The malfunction is signaled by a continuous tone alternating between the front and rear speakers. As soon as the malfunction due to other ultrasound sources is no longer present, the system is again fully functional.

Malfunction

A Check Control message, refer to page 57, is displayed in the instrument cluster.

PDC has failed. Have the system checked.

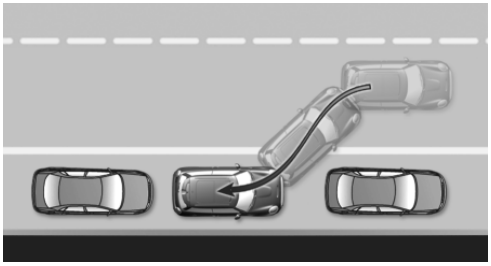
To ensure full operability:

- Keep the sensors clean and free of ice.
- Do not adhere any stickers to the sensors.

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

PARKING ASSISTANT

The concept



This system assists the driver in parking parallel to the road.

Ultrasound sensors measure parking spaces on both sides of the vehicle.

The parking assistant calculates the best possible parking line and takes control of steering during the parking procedure.

When parking, also take note of the visual and acoustic information issued by the PDC and the parking assistant and accelerate or brake accordingly.

A component of the parking assistant is the PDC Park Distance Control, refer to page 98.

Hints

Personal responsibility

Even an active system does not relieve the driver from personal responsibility for the driving process.

Because of technical system limits, the system cannot independently react appropriately in all traffic situations.

Continuously and attentively monitor the driving process, the area surrounding the vehicle and the traffic situation, and actively intervene when required, otherwise, there is a risk of an accident.◂

Changes to the parking space

Changes to the parking space after it was measured are not taken into account by the system.

Therefore, always be alert and ready to intervene; otherwise, there is the danger of an accident occurring.◂

Transporting loads

Loads that extend beyond the perimeter of the vehicle are not taken into account by the system during the parking procedure.

Therefore, always be alert and ready to intervene; otherwise, there is the danger of an accident occurring.◂

Curbs

The parking assistant may steer the vehicle over or onto curbs.

Therefore, always be alert and ready to intervene; otherwise, the wheels, tires, or the vehicle may become damaged.◂

An engine that has been switched off by the Auto Start Stop function is restarted automatically when the parking assistant is activated.

Requirements

For measuring parking spaces

▷ Maximum speed while driving forward approx. 22 mph/35 km/h.

▷ Maximum distance to row of parked vehicles: 5 ft/1.5 m.

▷ When parking in parking spaces on the driver's side, the corresponding turn signal must be set.

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Suitable parking space

- Gap between two objects or behind an individual object, each of the objects being at least 5 ft/1.5 m long.
- Minimum length of the gap: own vehicle's length plus approx. 3.3 ft/1.0 m.
- Minimum depth: approx. 5 ft/1.5 m.

For parking procedure

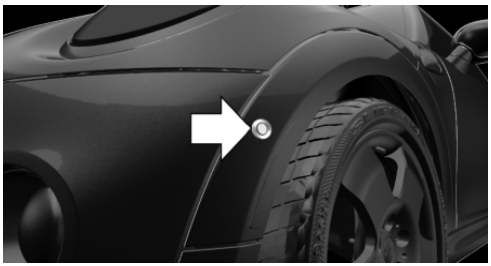
- Doors and tailgate closed.
- Parking brake released.
- When parking in parking spaces on the driver's side, the corresponding turn signal must be set.

At a glance

Button in the vehicle

Parking assistant

Ultrasound sensors



The ultrasound sensors for measuring parking spaces are located on the wheel arches.

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.
- Do not paste over sensors.

Switching on/off

Switching on with the button

Press the button.

The LED lights up.

The current status of the parking space search is indicated on the radio.

Parking assistant is activated automatically.

Switching on with reverse gear

Shift into reverse.

As soon as a suitable parking space is recognized by the system, the following query is displayed on the radio display: "Start vehicle parking?"

"OK": activate parking assistant.

"Cancel": cancel parking assistant.

Switching off

The system can be deactivated as follows:

- Press the button.
- Switch off the ignition.

Indicator of the radio display

System status

- 

  Symbols, see arrows, on the side of the vehicle representation. Parking assistant is activated and search for parking space active.

- Suitable parking spaces are displayed next to the vehicle symbol at the edge of the road as on the display.
-  The parking procedure is active. Steering control has been seized.
- Parking space search is always active whenever the vehicle is moving forwards slow and straight, even if the system is deactivated.

Parking using the parking assistant

Check the traffic situation as well

Loud sounds outside and within the vehicle can drown out the signal tones of the parking assistant and PDC.

Check the traffic situation around the vehicle with your own eyes; otherwise, there is the danger of an accident.◀

1. Switch on the parking assistant and activate it if necessary.

   The status of the parking space search is indicated on the display.
2. Follow the instructions on the display.

   To achieve the best possible parking position, wait for the automatic steering wheel movement after the gear change when the vehicle is stationary.

   The end of the parking procedure is indicated on the display.
3. Adjust the parking position yourself if necessary.

Interrupting manually

The parking assistant can be interrupted at any time:

-  Press the button.

Interrupting automatically

The system is interrupted automatically in the following situations:

- If the driver grasps the steering wheel or if he takes over steering.
- If a gear is selected that does not match the instruction on the display.
- If the vehicle speed exceeds approx. 6 mph/10 km/h.
- On snow-covered or slippery road surfaces if necessary.
- If a maximum number of parking attempts or the time taken for parking is exceeded.
- If the Park Distance Control PDC displays clearances that are too small.
- When switching into other functions of the radio.
- When trailer operation is detected.

A Check Control message is displayed.

Continuing

An interrupted parking procedure can be continued if necessary.

To do this, follow the instructions on the display.

System limits

No parking assistance

The parking assistant does not offer assistance in the following situations:

- In tight curves.

Functional limitations

The system may not be fully functional in the following situations:

- When sensors are dirty or iced over.
- In heavy fog, rain or snowfall.
- On bumpy road surfaces such as gravel roads.

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- When leaves or snow has collected in the parking space.
- With a mounted emergency wheel.

Limits of ultrasonic measurement

The detection of objects can reach the physical limits of ultrasonic measurement, e.g., in the following circumstances:

- With tow bars and trailer hitches.
- With thin or wedge-shaped objects.
- With elevated, protruding objects such as ledges or cargo.
- With objects with corners and sharp edges.
- With objects with a fine surface structure, such as fences.

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.

The parking assistant may identify parking spaces that are not suitable for parking.

Malfunction

A Check Control message is displayed.

The parking assistant failed. Have the system checked.

CLIMATE CONTROL

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

AIR CONDITIONER

1 Vent settings
2 Air flow
3 Temperature
4 Seat heating, right 34
5 Cooling function
6 Recirculated-air mode
7 Rear window defroster
8 Windshield defroster
9 Seat heating, left 34

Climate control functions in detail

Manual air distribution

Turn the wheel to select the desired program or the desired intermediate setting.

- Windows.
- Upper body region.
- Footwell.
- Windows, upper body region, and footwell.

Defrosting windows and removing condensation

Direct the air distribution toward windows, increase the air flow and temperature, and, if necessary, use the cooling function.

Air flow, manual

Turn the wheel to set the desired air volume.

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

The air flow of the air conditioner may be reduced automatically to save battery power.

Temperature

Turn the wheel to set the desired temperature.

Cooling function

The passenger compartment can only be cooled with the engine running.

Press the button.

The air is cooled and dehumidified and, depending on the temperature setting, warmed again.

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

When using the air conditioner, condensation water, refer to page 126, develops that exits underneath the vehicle.

Recirculated-air mode

You can respond to unpleasant odors or pollutants in the immediate environment by temporarily suspending the supply of outside air. The system then recirculates the air currently within the vehicle.

Press the button repeatedly to select an operating mode:

- LED off: outside air flows in continuously.
- LED on, recirculated-air mode: the supply of outside air into the vehicle is permanently blocked.

Recirculated air mode switches off automatically at low external temperatures after a certain amount of time in order to window fogging.

If the windows fog over, switch off recirculated-air mode and increase the air flow, if necessary.

Continuous recirculated-air mode

The recirculated-air mode should not be used for an extended period of time, as the air quality inside the vehicle deteriorates steadily.◂

Rear window defroster

Press the button.

The rear window defroster switches off automatically after a certain period of time.

When Green mode, refer to page 131, is activated, the heater output is reduced.

Windshield defroster

Press the button.

The front window defroster switches off automatically after a certain period of time.

Switching the system on/off

Switching off

Turn wheel for air quantity to the left until the control switches off.

Switching on

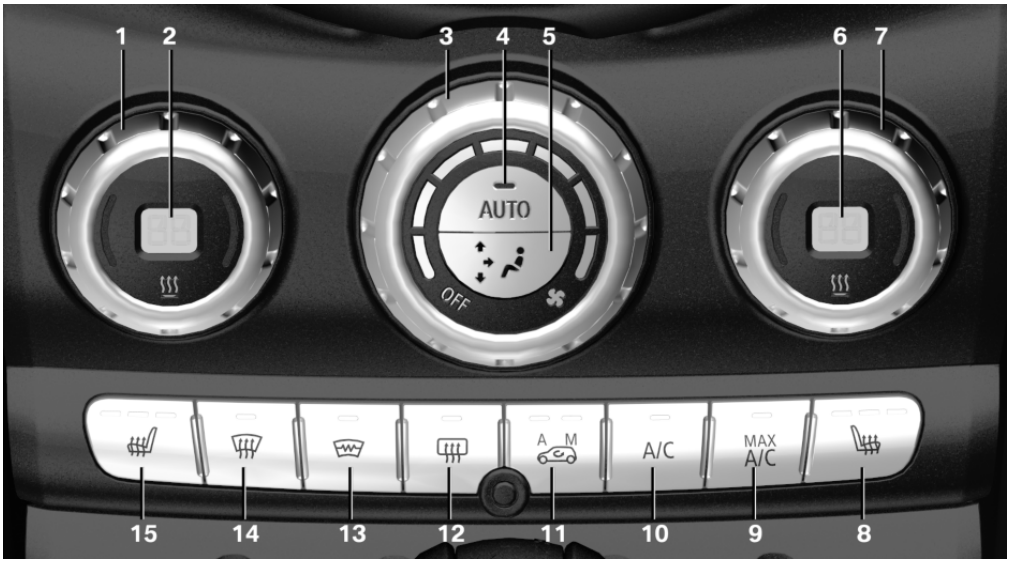
Set any air volume.

Microfilter

In external and recirculated air mode the microfilter filters dust and pollen out of the air.

This filter should be replaced during scheduled maintenance, refer to page 184, of your vehicle.

AUTOMATIC CLIMATE CONTROL



1 Temperature, left
2 Display
3 Air flow, AUTO intensity
4 AUTO program
5 Air distribution, manual
6 Display
7 Temperature, right
8 Seat heating, right 34
9 Maximum cooling
10 Cooling function
11 Automatic recirculated-air control/recirculated-air mode
12 Rear window defroster

13 Windshield defroster

14 Defrosting windows and removing condensation

15 Seat heating, left 34

Climate control functions in detail

Temperature

Turn the wheel to set the desired temperature.

The automatic climate control reaches this temperature as quickly as possible, if necessary by increasing the cooling or heating output, and then keeps it constant.

Avoid rapidly switching between different temperature settings. The automatic climate control will not have sufficient time to adjust the set temperature.

Air flow, manual

To be able to manually adjust the air flow, switch off the AUTO program first.

Turn the wheel to set the desired air volume.

The selected air quantity is displayed on the automatic climate control.

The air flow of the automatic climate control may be reduced automatically to save battery power.

AUTO program

Press the button.

Air flow, air distribution, and temperature are controlled automatically.

Depending on the selected temperature, AUTO intensity, and outside influences, the air is directed to the windshield, side windows, upper body, and into the footwell.

The cooling function, refer to page 108, and the automatic recirculation control, refer to page 108, are automatically also switched on in the AUTO program.

To switch off the program: press the button again or manually adjust the air distribution.

Intensity of the AUTO program

With the AUTO program switched on, automatic control of the air flow and air distribution can be adjusted.

Turn the wheel to set the desired intensity.

The selected intensity is displayed on the automatic climate control.

Manual air distribution

Press the button repeatedly to select a program:

- Upper body region.
- Upper body region and footwell.
- Footwell.
- Windows and footwell.
- Windows, upper body region, and footwell.
- Windows and upper body region.
- Windows.

Maximum cooling

Press the button.

The system is set to the lowest temperature, maximum air flow and recirculated-air mode.

Air flows out of the vents for the upper body region. The vents need to be open for this.

The function is available above external temperature of approx. 32 °F/0 °C and with the engine running.

The air flow can be adjusted when the program is active.

Cooling function

The passenger compartment can only be cooled with the engine running.

Press the button.

The air is cooled and dehumidified and, depending on the temperature setting, warmed again.

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

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

When using the automatic climate control, condensation water, refer to page 126, develops that exits underneath the vehicle.

Automatic recirculated-air control/ recirculated-air mode

You can respond to unpleasant odors or pollutants in the immediate environment by temporarily suspending the supply of outside air. The system then recirculates the air currently within the vehicle.

Press the button repeatedly to select an operating mode:

- LEDs off: outside air flows in continuously.
- Left LED on, automatic recirculated-air control: a sensor detects pollutants in the outside air and controls the shutoff automatically.
- Right LED on, recirculated-air mode: the supply of outside air into the vehicle is permanently blocked.

Recirculated air mode switches off automatically at low external temperatures after a certain amount of time in order to window fogging.

If windows are fogged over, switch off the recirculating mode and press the AUTO button. Make sure that air can flow onto the windshield.

Continuous recirculated-air mode

The recirculated-air mode should not be used for an extended period of time, as the air quality inside the vehicle deteriorates steadily.◄

Rear window defroster

Press the button.

The rear window defroster switches off automatically after a certain period of time.

When Green mode, refer to page 131, is activated, the heater output is reduced.

Windshield defroster

Press the button.

The front window defroster switches off automatically after a certain period of time.

Defrosting windows and removing condensation

Press the button.

Ice and condensation are quickly removed from the windshield and the front side windows.

The air flow can be adjusted when the program is active.

If the windows fog over, also switch on the cooling function or press the AUTO button.

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Switching the system on/off

Switching off

Turn wheel for air quantity to the left until the control switches off.

Switching on

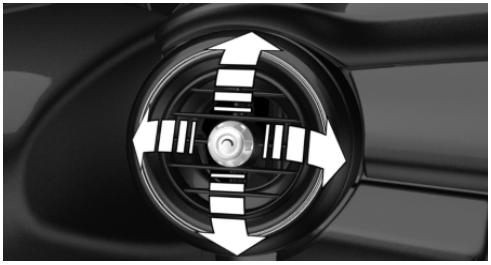
Set any air volume.

Microfilter/activated-charcoal filter

In external and recirculated air mode the microfilter/activated charcoal filter filters dust, pollen, and gaseous pollutants out of the air.

This filter should be replaced during scheduled maintenance, refer to page 184, of your vehicle.

VENTILATION



- Turn knob for continuous opening and closing of the vents.
- Swivel the vents to alter the direction of the vent flow, arrow.

Adjusting the ventilation

- Ventilation for cooling:

  Adjust the vent to direct the air in your direction, such as if the vehicle interior is hot from the sun.
- Draft-free ventilation:

  Adjust the vent to let the air flow past you.

INTERIOR EQUIPMENT

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

UNIVERSAL GARAGE DOOR OPENER

The concept

The universal garage door opener can operate up to 3 functions of remote-controlled systems such as garage door drives or lighting systems. The universal garage door opener replaces up to 3 different hand-held transmitters. To operate the remote control, the buttons on the interior rearview mirror must be programmed with the desired functions. The hand-held transmitter for the particular system is required in order to program the remote control.

During programming

During programming and before activating a device using the integrated 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.◂

Before selling the vehicle, delete the stored functions for the sake of security.

Compatibility

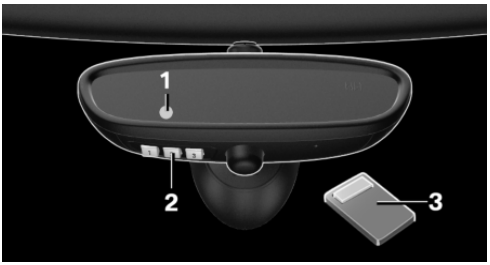
If this symbol is printed on the packaging or in the instructions of the system to be controlled, the system is generally compatible with the universal garage door opener.

If you have any questions, please contact:

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

HomeLink is a registered trademark of Johnson Controls, Inc.

At a glance



1 LED

2 Programmable keys

3 Hand-held transmitters of the system

Programming

General information

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

   Press and hold the left and right button on the interior rearview mirror simultaneously for approximately 20 seconds until the LED on the interior rearview mirror flashes. This erases all programming of the buttons on the interior rearview mirror.

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3. Hold the hand-held transmitter for the system to be controlled approx. 1 to 3 in/2.5 to 8 cm away from the buttons on the interior rearview mirror. The required distance depends on the manual transmitter.
4. Simultaneously press and hold the button of the desired function on the hand-held transmitter and the button to be programmed on the interior rearview mirror. The LED on the interior rearview mirror will begin flashing slowly.
5. Release both buttons as soon as the LED flashes more rapidly. When the LED is flashing faster, this indicates that the button on the interior rearview mirror has been programmed.

   If the LED does not flash faster after at least 60 seconds, change the distance between the interior rearview mirror and the hand-held transmitter and repeat the step. Several more attempts at different distances may be necessary. Wait at least 15 seconds between attempts.

   Canada: if programming with the hand-held transmitter was interrupted, hold down the interior rearview mirror button and repeatedly press and release the hand-held transmitter button for 2 seconds.
6. To program other functions on other buttons, repeat steps 3 to 5.

The systems can be controlled using the interior rearview mirror buttons.

Special feature of the alternating-code wireless system

If you are unable to operate the system after repeated programming, please check if the system to be controlled features an alternating-code system.

Read the system's operating manual, or press the programmed button on the interior rearview mirror longer. If the LED on the interior rearview mirror starts flashing rapidly and then stays lit constantly for 2 seconds, the system features an alternating-code system. Flashing and continuous illumination of the LED will repeat for approximately 20 seconds.

For systems with an alternating-code system, the universal garage door opener and the system also have to be synchronized.

Please read the operating manual of the system being set up for information on how to synchronize the system.

Synchronizing is easier with the aid of a second person.

To synchronize:

1. Park the vehicle within range of the remote-controlled system.
2. Program the relevant button on the interior rearview mirror as described.
3. Locate and press the synchronizing button on the system being programmed. You have approx. 30 seconds for the next step.
4. Hold down the programmed button on the interior rearview mirror for approximately 3 seconds and then release it. If necessary, repeat this work step up to three times in order to finish synchronization. Once synchronization is complete, the programmed function will be carried out.

Reprogramming individual buttons

1. Switch on the ignition.
2. Press and hold the interior rearview mirror button to be programmed.
3. As soon as the interior rearview mirror LED starts flashing slowly, hold the hand-held transmitter for the system to be controlled approx. 1 to 3 in/2.5 to 8 cm away from the buttons on the interior rearview mirror. The required distance depends on the manual transmitter.

4. Likewise, press and hold the button of the desired function on the hand-held transmitter.
5. Release both buttons as soon as the interior rearview mirror LED flashes more rapidly. When the LED is flashing faster, this indicates that the button on the interior rearview mirror has been programmed. The system can then be controlled by the button on the interior rearview mirror.

   If the LED does not flash faster after at least 60 seconds, change the distance and repeat the step. Several more attempts at different distances may be necessary. Wait at least 15 seconds between attempts.

   Canada: if programming with the hand-held transmitter was interrupted, hold down the interior rearview mirror button and repeatedly press and release the hand-held transmitter button for 2 seconds.

Controls

Before operation

Before operating a system using the integrated universal remote control, ensure that there are no people, animals, or objects within the range of movement of the remote-controlled system; otherwise, there is a risk of injury or damage.

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

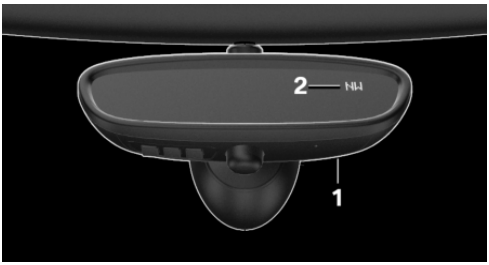
The system, such as the garage door, can be operated using the button on the interior rearview mirror while the engine is running or when the ignition is started. To do this, hold down the button within receiving range of the system until the function is activated. The interior rearview mirror LED stays lit while the wireless signal is being transmitted.

Deleting stored functions

Press and hold the left and right button on the interior rearview mirror simultaneously for approximately 20 seconds until the LED flashes rapidly. All stored functions are deleted. The functions cannot be deleted individually.

DIGITAL COMPASS

At a glance



1 Control button

2 Mirror display

Mirror display

The point of the compass is displayed in the mirror when driving straight.

Operating concept

Various functions can be called up by pressing the control button with a pointed object, such as the tip of a ballpoint pen or similar object. The following setting options are displayed in succession, depending on how long the control button is pressed:

- Pressed briefly: turns display on/off.
- 3 to 6 seconds: compass zone setting.
- 6 to 9 seconds: compass calibration.
- 9 to 12 seconds: left/right-hand steering setting.
- 12 to 15 seconds: language setting.

Setting the compass zones

Sets the particular compass zones on the vehicle so that the compass operates correctly; refer to World map with compass zones.

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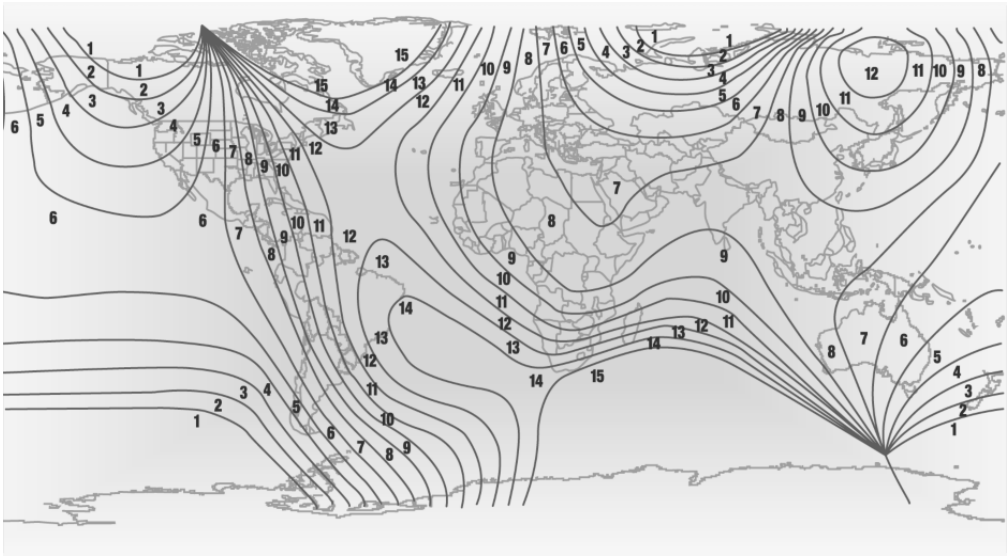
World map with magnetic zones



Procedure

1. Press and hold the control button for approx. 3 to 4 seconds. The number of the set compass zone appears in the mirror.
2. To change the zone setting, press the control button quickly and repeatedly until the number of the compass zone corresponding to your location appears in the mirror.

The set zone is stored automatically. The compass is ready for use again after approximately 10 seconds.

Calibrating the digital compass

The digital compass must be calibrated in the event of the following:

- ▷ The wrong point of the compass is displayed.
- ▷ The point of the compass displayed does not change despite changing the direction of travel.
- ▷ Not all points of the compass are displayed.

Procedure

1. Make sure that there are no large metallic objects or overhead power lines near the vehicle and that there is sufficient room to drive around in a circle.
2. Set the currently applicable compass zone.
3. Press and hold the control button for approx. 6 to 7 seconds so that "C" appears on the display. Next, drive in a complete circle at least once at a speed of no more than 4 mph/7 km/h. If calibration is successful, the "C" is replaced by the points of the compass.

Left/right-hand steering

The digital compass is already set for right or left-hand steering at the factory.

Setting the language

Press and hold the control button for approx. 12 to 13 seconds. Briefly press the control button again to switch between English "E" and German "O".

The setting is stored automatically after approximately 10 seconds.

CONNECTING ELECTRICAL DEVICES

Hints

Do not plug chargers into the socket

Do not connect battery chargers to the factory-installed sockets in the vehicle as this may damage the battery.◂

Replace the cover after use

Reinsert the lighter or socket cover after use, otherwise objects may get into the lighter socket or fixture and cause a short circuit.◂

Keep the airbag unfolding area clear

Make sure that the devices and cable are located outside of the unfolding area of the airbag; otherwise, its unfolding can be hindered or objects can be hurled through the interior when the airbag unfolds.◂

Sockets

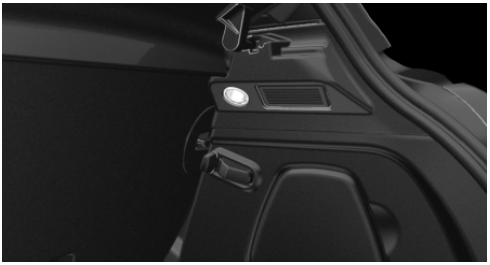
Sockets can be used for the operation of electrical devices with the engine running or with the ignition switched on. The total load of all sockets must not exceed 140 watts at 12 volts.

Do not damage the socket by using unsuitable connectors.

In the center console

Remove the cover or cigarette lighter.

In the cargo area



The socket is located on the right side in the cargo area.

USB INTERFACE

The concept

Connection for USB devices with music files.

At a glance

The USB interface is located in the front of the center console.

Hints

Observe the following when connecting:

- Do not use force when plugging the connector into the USB interface.
- Do not connect devices such as fans or lamps to the USB interface.
- Do not connect any USB hard drives or USB hubs.
- Do not use the USB interface to recharge external devices.

ASHTRAY/CIGARETTE LIGHTER

At a glance

The ashtray is located in one of the front cupholders, the cigarette lighter above it in the center console.

Ashtray

In order to empty the ashtray, remove the ashtray from the cupholder.

Lighter

Danger of burns

Only hold the hot lighter by its knob; otherwise, there is the danger of getting burned.

Switch off the ignition and take the remote control with you when leaving the vehicle so that children cannot use the lighter and burn themselves.◄

Replace the cover after use

Reinsert the lighter or socket cover after use, otherwise objects may get into the lighter socket or fixture and cause a short circuit.◄

Push in the lighter.

The lighter can be removed as soon as it pops back out.

CARGO AREA

Cargo cover

When the tailgate is opened, the cargo cover is raised.

Do not deposit heavy objects

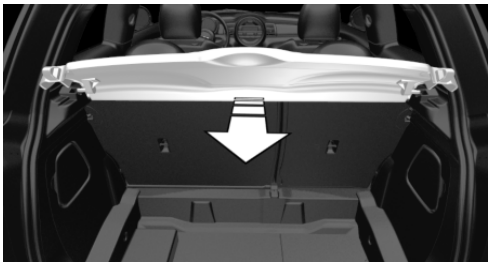
Do not deposit heavy or hard objects on the cargo cover. Otherwise, they may pose a risk to occupants, such as during braking and avoidance maneuvers.◄

To stow bulky objects, the cargo cover can be removed:

Removing cargo cover

1. Detach the left and right retaining straps at the tailgate.

2. Pull the cargo cover out of the brackets on the left and right.



Installing cargo cover

1. Slide the cover forward horizontally into the two side brackets until it audibly latches.
2. Attach the left and right retaining straps at the tailgate.

Enlarging the cargo area

General information

The cargo area can be enlarged by folding down the rear seat backrest.

The rear seat backrest is divided into two parts at a ratio of 60 to 40. The backrest of the right seat is connected to the backrest center section.

Hints

Danger of pinching

Before folding down the rear seat backrests, ensure that the area of movement of the backrests is clear. Ensure that no one is located in or reaches into the area of movement of the rear seat backrests. Otherwise, injury or damage may result.◄

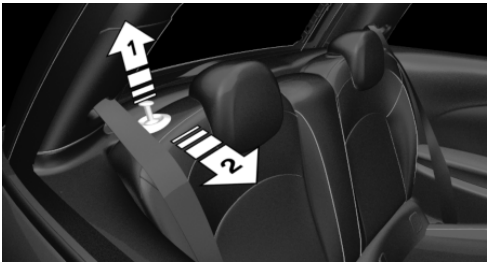
Push the headrests down, before the backrests are folded down

Before folding down the rear seat backrests, make sure that the corresponding headrest is pushed all the way down; otherwise, damage may result.◄

Folding down backrest

The rear seat backrests can be folded down from the front or from the cargo area.

Before the backrest is folded down, hook the corresponding safety belt into the safety belt on the side.



Pull the release upward and fold the backrest toward the front.

Folding back the backrest

Ensure that the lock is securely engaged

When folding back the backrest, make sure that it securely locks in place. When this happens the red warning field on the seat disappears. If the backrest is not properly engaged, transported cargo could enter the passenger compartment during braking or evasive maneuvers and endanger the vehicle occupants.◄

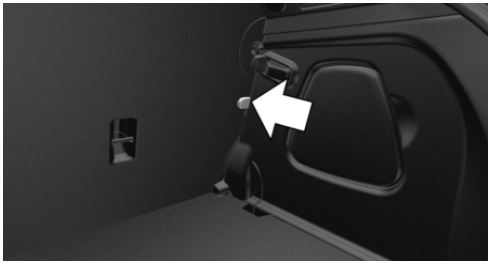
Fold up the backrest and press it into the latch. Make sure that the safety belt is not pinched.

Adjusting the backrest tilt

To transport bulky items, the cargo area can be expanded by setting the backrests at a steeper angle.

1. Released the back rest, and tilt it forward.

2. Fold the frame, arrow, up until it latches.



3. Fold back and latch the backrest.

Do not install any child restraint systems

When the backrests are set at steeper position, did not install any child restraint systems on the backrest; otherwise, their protective effect may be impaired.◄

STORAGE COMPARTMENTS

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

AT A GLANCE

The following storage compartments are available in the vehicle interior:

- Storage compartment in front of the cupholders.
- Storage tray in the center console.
- Glove compartment on the front passenger side.
- Storage compartment above the glove compartment.
- Storage compartment in the center armrest.
- Compartments in the doors.
- Pockets on the backrests of the front seats.
- Net underneath the center console in the footwell of the front seat passenger.

SAFETY INFORMATION

No loose objects in the passenger compartment

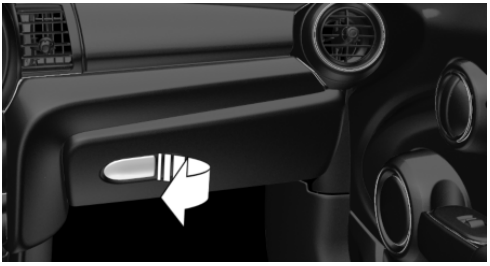
Do not stow any objects in the passenger compartment without securing them; otherwise, they may present a danger to occupants for instance during braking and avoidance maneuvers.◄

Do not place anti-slip mats on the dashboard

Do not place anti-slip mats on the dashboard. The mat materials could damage the dashboard.◄

GLOVE COMPARTMENT

Opening



Pull the handle.

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.

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STORAGE COMPARTMENT ABOVE THE GLOVE COMPARTMENT

Opening

Press the lower edge of the cover.

Immediately close the storage compartment

Close the storage compartment immediately after use while driving; otherwise, injury may occur during accidents.◄

Closing

Push the cover back into the original position.

COMPARTMENTS IN THE DOORS

Do not stow any breakable objects

Do not store any breakable objects, e. g. glass bottles, in the compartments, or there is an increased risk of injury in the event of an accident.◄

CENTER ARMREST

The center armrest contains a storage compartment.

Opening

Press the button, arrow 1, and open center arm rest upward, arrow 2.

CUPHOLDERS

Hints

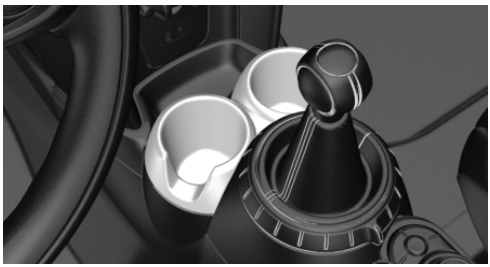
Shatter-proof containers and no hot drinks

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.◄

Front



In the center console.

Rear

In front of the back seats and in the side armrests.

CLOTHES HOOKS

The clothes hooks are located above the side windows in the rear.

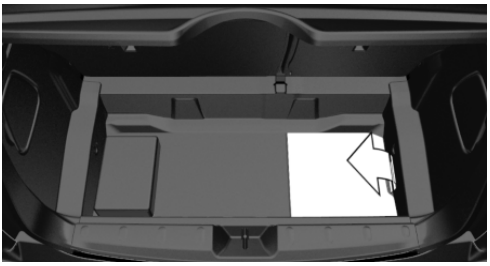
Do not obstruct view

When suspending clothing from the hooks, ensure that it will not obstruct the driver's vision.◄

No heavy objects

Do not hang heavy objects from the hooks; otherwise, they may present a danger to passengers during braking and evasive maneuvers.◄

STORAGE SPACE UNDER THE CARGO FLOOR PANEL



Located under the cargo floor panel on the right side is a trough for the onboard vehicle tool kit.

To remove the onboard vehicle tool kit, fold the right side of the cargo area floor upward.

VARIABLE CARGO AREA FLOOR

With the variable cargo area floor, the cargo area can be configured corresponding to transport requirements. To do this, remove the cargo area floor, and insert it in the desired position.

Lower position

- ▷ Larger objects can be transported.
- ▷ Space for smaller objects remains between the fixed and variable cargo area floor.

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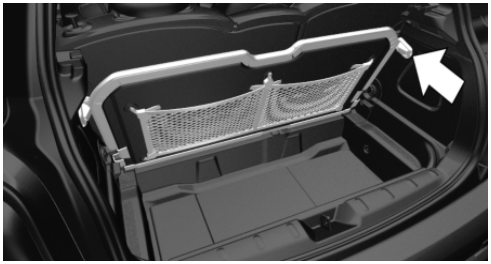
Folded up position

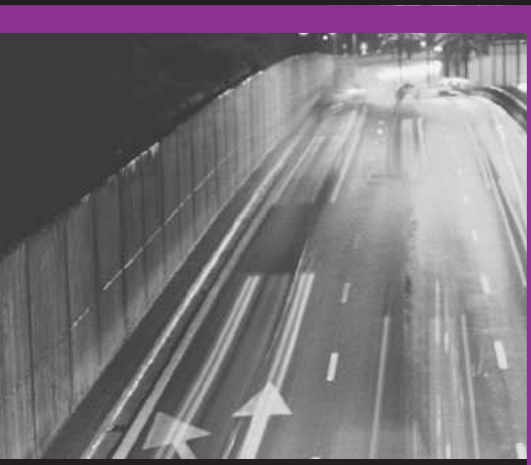


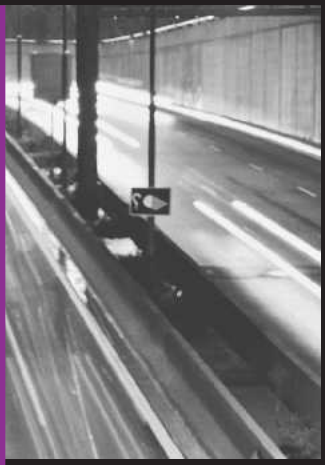
Fold up the variable loading floor in the lower position, and push it behind the locks on the left and right, arrow.

- ▷ The maximum cargo area height is achieved.
- ▷ The cargo net can be loaded with lightweight and flat objects.

Upper position

- ▷ With the backrests folded down, a long, flat loading surface is produced.
- ▷ Space for larger objects remains between the fixed and variable cargo area floor.





DRIVE ME.

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THINGS TO REMEMBER WHEN DRIVING

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

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 axle drive

Always obey the official speed limit.

Up to 1,200 miles/2,000 km

Do not exceed the maximum engine and road speed:

- For gasoline engine, 4,500 rpm and 100 mph/160 km/h.
- For diesel engine, 3,500 rpm and 93 mph/150 km/h.

Avoid full load or kickdown under all circumstances.

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 discs and brake pads. Drive moderately during this break-in period.

Clutch

The function of the clutch reaches its optimal level only after a distance driven of approx. 300 miles/500 km. During this break-in period, engage the clutch gently.

Following part replacement

The same 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

Closing the tailgate

Drive with the tailgate closed

Only drive with the tailgate closed; otherwise, in the event of an accident or braking and evasive maneuvers, passengers and other road users may be injured, and the vehicle may be damaged. In addition, exhaust fumes may enter the passenger compartment.◄

If driving with the tailgate open cannot be avoided:

- Close all windows and the glass sunroof.
- Greatly increase the blower speed.

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▷ Drive moderately.

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.

Do not touch hot exhaust pipes; otherwise, there is the danger of getting burned.◂

Diesel particulate filter

The diesel particulate filter collects soot particles and burns them periodically at high temperatures.

During the cleaning time of several minutes, the following may occur:

▷ Temporarily, the engine may run less smoothly.

▷ Noises and a slight amount of smoke coming from the exhaust until shortly after the engine is shut down.

▷ A somewhat higher engine speed is necessary to achieve the accustomed performance.

Mobile communication devices in the vehicle

Mobile communication devices in the vehicle

It is advised that you do not use mobile communication devices, e.g., mobile phones, inside the vehicle without connecting them directly to the external antenna. 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 through 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.

Objects in the area around the pedals

No objects in the area around the pedals

Keep floor mats, carpets, and any other objects out of the area of motion of the pedals; otherwise, the function of the pedals could be impeded while driving and create the risk of an accident.

Do not place additional floor mats over existing mats or other objects.

Only use floor mats that have been approved for the vehicle and can be properly fixed in place.

Ensure that the floor mats are securely fastened again after they were removed for cleaning, for example.◄

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.

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

Do not drive in neutral or with the engine stopped, as doing so disables engine braking. In addition, steering and brake assist are unavailable with the engine stopped.◄

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.

Traces of water under the vehicle like this are normal.

Ground clearance

Limited ground clearance

Observe the limited ground clearance of the vehicle, e. g. while entering underground parking garages or when driving over obstacles. Otherwise, damages to the vehicle may result.◄

LOADING

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

HINTS

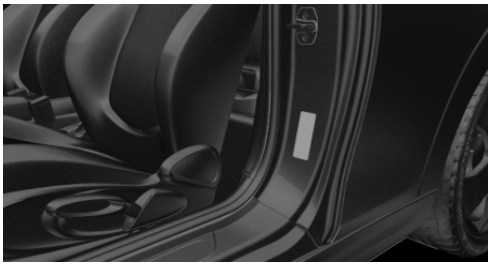
Overloading the vehicle

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.◄

No fluids in the trunk

Make sure that fluids do not leak into the trunk; otherwise, the vehicle may be damaged.◄

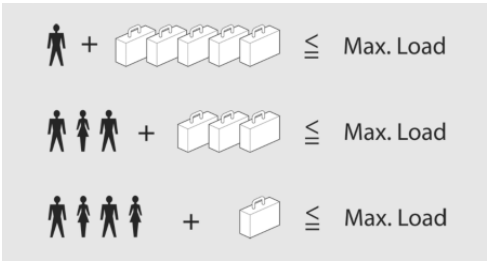
DETERMINING THE LOAD LIMIT



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 1,000 lbs and there will be four 150 lbs passengers in your vehicle, the amount of available cargo and luggage load capacity is 400 lbs: 1,000 lbs minus 600 lbs = 400 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.

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

- Cover sharp edges and corners on the cargo.
- Heavy cargo: stow as far forward as possible, directly behind and at the bottom of the rear passenger seat backrests.
- Very heavy cargo: when the rear seat is not occupied, secure each of the outer safety belts in the opposite buckle.
- If necessary, fold down the rear backrests to stow cargo.
- Do not stack cargo above the top edge of the backrests.

SECURING CARGO

Lashing eyes in the cargo area

Without storage compartment package: to secure the cargo there are two lashing eyes, arrow 1, in the cargo area.

With storage compartment package: to secure the cargo there are six lashing eyes, arrows 1 and 2, in the cargo area.

Securing cargo

- Smaller and lighter items: secure with retaining straps or with draw straps.
- Larger and heavy objects: secure with cargo straps.

Attach the cargo straps, retaining straps or draw straps to the lashing eyes in the cargo area.

Securing cargo

Always position and secure the cargo as described above; otherwise, it can endanger the car's occupants if sudden braking or swerving becomes necessary.

Heavy or hard objects should not be carried loose inside the car; otherwise, they could be thrown around as a result of hard braking, sudden swerves, etc., and endanger the occupants.◀

ROOF-MOUNTED LUGGAGE RACK

Note

Installation only possible with roof rack.

Roof racks are available as special accessories.

Securing

Follow the installation instructions of the roof rack.

Loading

Be sure that adequate clearance is maintained for tilting and opening the glass sunroof.

Because roof racks raise the vehicle's center of gravity when loaded, they have a major effect on vehicle handling and steering response.

Therefore, note the following when loading and driving:

- Do not exceed the approved roof/axle loads and the approved gross vehicle weight.
- Distribute the roof load uniformly.

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- The roof load should not be too large in area.
- Always place the heaviest pieces on the bottom.
- Secure the roof luggage firmly, e.g., tie with ratchet straps.
- Do not let objects project into the opening path of the tailgate.
- Drive cautiously and avoid sudden acceleration and braking maneuvers. Take corners gently.

REAR LUGGAGE RACK

General information

Installation only possible with rear luggage rack preparation.

Rear racks are available as special accessories.

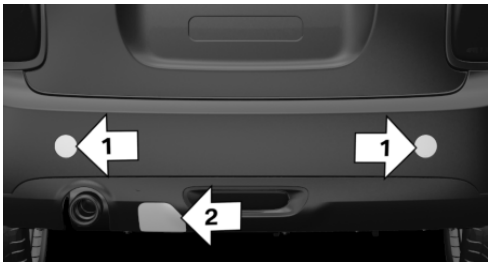
Note

Follow the installation instructions of the rear luggage rack.

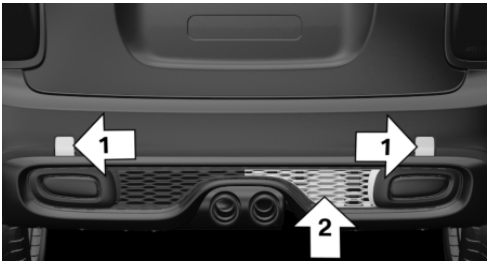
Drive cautiously and avoid sudden acceleration and braking maneuvers. Take corners gently.

Securing

COOPER/COOPER D



COOPER S



The anchorage points, arrow 1, and the socket, arrow 2, are located below the covers in the bumper.

Remove the covers before installing the rear luggage rack.

Power consumption

The consumption of the rear luggage rack lamps must not exceed the following values:

- Turn signals: 42 watts per side.
- Tail lamps: 50 watts per side.
- Brake lamps: 84 watts in total.
- Rear fog lamps: 42 watts in total.
- Backup lamp: 42 watts in total.

Function of tail lamps

Before starting to drive, check that the tail lamps of the rear luggage rack are functioning properly; otherwise, there is a risk of endangering other road users.◂

SAVING FUEL

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

GENERAL INFORMATION

Fuel consumption depends on a number of different factors.

The implementation of certain measures, driving style and regular maintenance 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 roof or rear luggage racks which are no longer required following use.

Attached parts on the vehicle impair the aerodynamics and increase the fuel consumption.

CLOSE THE WINDOWS AND GLASS SUNROOF

Driving with the glass sunroof and windows open results in increased air resistance and raises fuel consumption.

TIRES

General information

Tires can affect fuel consumption values in various ways, for instance fuel consumption can be influenced by the size of the tires.

Check the tire inflation pressure regularly

Check and, if necessary, correct the tire inflation pressure 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.

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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.

The gear shift indicator, refer to page 61, of your vehicle indicates the most fuel efficient gear.

USE COASTING CONDITIONS

When approaching a red light, take your foot off the accelerator and let the vehicle coast to a halt.

On a downhill gradient, take your foot off the accelerator and let the vehicle roll.

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.

Auto Start/Stop function

The Auto Start/Stop function of your vehicle automatically switches off the engine during a stop.

If the engine is switched off and then restarted rather than leaving the engine running constantly, fuel consumption and emissions are reduced. Savings can begin within a few seconds of switching off the engine.

In addition, fuel consumption is also determined by other factors, such as driving style, road conditions, maintenance or environmental factors.

SWITCH OFF ANY FUNCTIONS THAT ARE NOT CURRENTLY NEEDED

Functions such as seat heating and the rear window defroster require a lot 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 MINI Maintenance System, refer to page 184.

GREEN MODE

The concept

The GREEN mode supports a driving style that saves on fuel consumption. For this purpose, the engine control and comfort functions, e. g. the climate control output, are adjusted.

In cars with automatic transmission:

The Coasting driving condition is enabled under certain conditions.

Thus, under certain conditions the engine is automatically decoupled from the transmission when transmission position D is engaged. The vehicle continues traveling with the engine

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idling to reduce fuel consumption. Transmission position D remains engaged. An indicator provides information about the distance traveled in Coasting mode.

In addition, context-sensitive instructions can be displayed that assist in driving in a manner that optimizes fuel consumption.

The extension of the range that is achieved as a result can be displayed in the instrument cluster.

At a glance

The system includes the following MINIMALISM functions and displays:

- GREEN bonus range, refer to page 132
- GREEN tips driving instruction, refer to page 133
- GREEN climate control, refer to page 132
- Coasting driving condition, refer to page 133

Activating GREEN mode

Turn Driving Dynamics Control to the right until GREEN mode is displayed in the instrument cluster.

Configuring GREEN mode

Via radio

1. "Settings"
2. If necessary, "Driving mode" or "GREEN Mode"

Configure the program.

GREEN tip

"GREEN speed warning":

A reminder is displayed if the set GREEN mode speed is exceeded.

GREEN climate control

"GREEN climate control":

Set the GREEN mode speed at which a GREEN mode tip is to be displayed.

The climate control is adjusted to be fuel-efficient.

By making a slight change to the set temperature, or adjusting the rate of heating or cooling of the passenger compartment fuel consumption can be economized.

The outputs of the seat heater and the exterior mirror heating are also reduced.

The exterior mirror heating is made available when outside temperatures are very cold.

Coasting

Fuel-efficiency can be optimized by disengaging the engine and Coasting, refer to page 133, with the engine idling.

This function is only available in GREEN mode.

Display in the instrument cluster

GREEN bonus range

An extension of the range can be achieved by an adjusted driving style.

This may be displayed as the bonus range in the instrument cluster.

The bonus range is shown in the range display.

The bonus range is automatically reset every time the vehicle is refueled.

- Green display: efficient driving style.
- Gray display: adjust driving style, e. g. by backing off the accelerator pedal.

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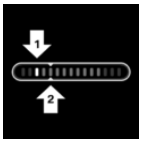
Driving style



In the instrument cluster, a mark in the bar display indicates the current efficiency of the driving style.

Mark in the left area, arrow 1: display for energy recovered by coasting or when braking.

Mark in the right area, arrow 2: display when accelerating.

The efficiency of the driving style is shown by the color of the bar:

- Green display: efficient driving style as long as the mark moves within the blue range.
- Gray display: adjust driving style, e. g. by backing off the accelerator pedal.

The display switches to blue as soon as all conditions for fuel-economy-optimized driving are met.

GREEN tip driving instruction

The instruction indicates that the driving style can be adjusted to be more fuel efficient by backing off the accelerator for instance.

Note

The driving style display and GREEN mode tips in the instrument cluster appear when the GREEN mode display is activated.

Activating driving style and GREEN mode tips:

1. "Settings"
2. "Info display"
3. "GREEN Info"

GREEN tip symbols

An additional symbol and a text instruction are displayed.

Symbol	Measure
	For efficient driving style, back off the accelerator or delay accelerating to allow time to assess road conditions.
	Reduce speed to the selected GREEN speed.
	Automatic transmission: switch from S/M to D or avoid manual shift interventions.
	Manual shift transmission: follow shifting instructions.
	Manual shift transmission: engage neutral for engine stop.

Coasting

The concept

The system helps to conserve fuel.

To do this, under certain conditions the engine is automatically decoupled from the transmission when transmission position D is engaged. The vehicle continues traveling with the engine idling to reduce fuel consumption. Transmission position D remains engaged.

This driving condition is referred to as coasting.

As soon as the brake or accelerator pedal is depressed, the engine is automatically coupled to the transmission again.

Hints

Coasting is a component of the GREEN mode, refer to page 131, driving mode.

Coasting is automatically activated when GREEN mode is called via the Driving Dynamics Control, refer to page 88.

The function is available in a certain speed range.

A forward-looking driving style helps the driver to use the function as often as possible and supports the fuel-conserving effect of coasting.

Safety mode

The function is not available if one of the following conditions is satisfied.

- DSC OFF or TRACTION activated.
- Driving in the dynamic limit range and on steep uphill or downhill grades.
- Battery charge status temporarily too low or vehicle electrical system drawing excessive current.
- Cruise control activated.

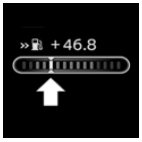
Functional requirements

In GREEN mode, this function is available in a speed range from approximately 30 mph, approx. 50 km/h to 100 mph, approx. 160 km/h, if the following conditions are satisfied:

- Accelerator pedal and brake pedal are not operated.
- The selector lever is in transmission position D.
- Engine and transmission are at operating temperature.

Display

Display in the instrument cluster



The mark in the bar display below the tachometer is highlighted green and appears at the zero point. The tachometer approximately indicates idle speed.

Deactivating the system manually

The function can be deactivated via the radio, e.g., to use the braking effect of the engine when traveling downhill.

1. "Settings"
2. If necessary, "Driving mode" or "GREEN Mode"
3. "Coasting"

The setting is saved for the profile currently being used.

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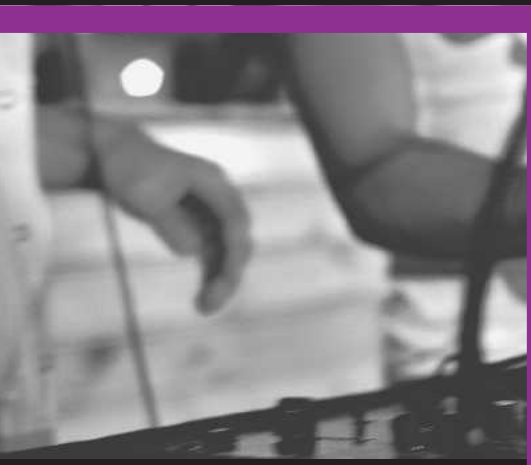

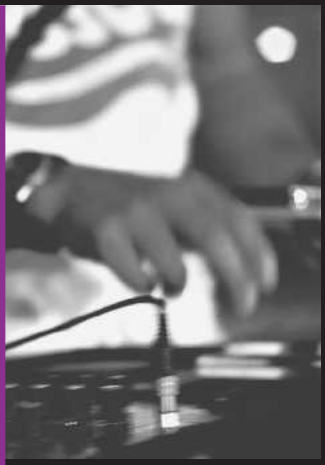

ROCK ME.

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TONE

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

GENERAL INFORMATION

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

TREBLE, BASS, BALANCE, AND FADER

General information

- "Treble": treble adjustment.
- "Bass": depth adjustment.
- "Balance": left/right volume distribution.
- "Fader": front/rear volume distribution.

Adjusting treble, bass, balance, and fader

1. MENU Press the button
2. "Settings", "Radio" or "Multimedia"
3. "Tone"
4. Select the desired tone settings.
5. Set the desired value.

VOLUME

General information

- "Speed volume": speed-dependent volume control.
- "PDC": volume of the PDC signal compared to the entertainment sound output.
- "Gong": volume of the signal, such as the safety belt reminder, compared to the entertainment sound output.
- "Microphone": volume of the microphone during a phone call.
- "Loudspeak.": volume of the loudspeakers during a phone call.

The following volumes are only stored for the respective paired telephone:

"Microphone", "Loudspeak.".

Adjusting

1. MENU Press the button
2. "Settings", "Radio" or "Multimedia"
3. "Tone"
4. "Volume settings"
5. Select the desired volume setting.
6. Set the desired value.

RESETTING THE TONE SETTINGS

1. MENU Press the button
2. "Settings", "Radio" or "Multimedia"
3. "Tone"
4. "Reset"

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RADIO

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

AT A GLANCE

1 Change waveband
2 Opening the main menu
3 Menu level back
4 Selecting menu items
   ▷ Turn: highlight the menu item in the display or adjust the value.
   ▷ Press: select the highlighted menu item or store the setting.
5 Open the options for the respective menu
6 Programmable memory buttons
7 "Media": open the menu
8 "Radio": open the menu
9 Changing the station

SOUND OUTPUT

Switching on/off

If the ignition is switched off: press the left button.

Muting

If the ignition is switched on or the engine is running: press the left button.

AM/FM STATION

General information

A list of the currently received stations can be set up and updated for each of the FM and AM wavebands.

Symbol	Meaning
✓	Station is played.
	Station is saved.
	Station can be saved.

Update the list of receivable stations

1. MENU Press the button
2. "Radio"
3. "FM" or "AM"
4. "Update list"

Selecting a station

1. MENU Press the button
2. "Radio"
3. "FM" or "AM"
4. Select a station.

All saved stations are stored for the remote control currently in use.

Selecting a station manually

1. MENU Press the button
2. "Radio"
3. "FM" or "AM"
4. "Manual search ( )"
5. Turn the right-hand knob until the desired frequency is displayed.

Changing the station

◁ ▷ Press the button.

The next station with reception or stored station is played. If traffic bulletins are switched on, the next traffic information station is played.

◁ ▷ Hold the button down.

The waveband is traversed. After the button is released, the next station with reception is played.

Storing a station

1. MENU Press the button
2. "Radio"
3. "FM" or "AM"
4. Select a station.
5. Press the right button.
6. Select the memory location.

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

The stations can also be stored on the programmable memory buttons.

Renaming a station

When storing a station with RDS signal, the RDS information transferred during the storage operation is accepted as the station name. This name can be changed.

1. Select the station that is to be renamed.
2. OPTION Press the button.
3. "Rename to:"

   If necessary, wait until the desired name appears.
4. Press the right-hand knob to store this name.

Displaying additional information

If a radio station broadcasts radio text or radio text plus, this information can be displayed, e.g., the track or the performer of the music. Availability, content and sequence are determined by the radio station.

1. MENU Press the button
2. "Radio"
3. "FM" or "AM"
4. OPTION Press the button.
5. "Station info"

RDS Radio Data System

The concept

RDS broadcasts additional information, such as the station name, in the FM wave band.

When playing a station with multiple frequencies, the system automatically switches to the frequency with the best reception, if needed.

Switching on/off

It is recommended to switch on RDS

1. MENU Press the button
2. "Radio"
3. "FM"

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4. OPTION Press the button.
5. "RDS"

HD Radio™ reception

Many stations broadcast both analog and digital signals.

License conditions

HD Radio™ technology manufactured under license from iBiquity Digital Corporation. U. S. and Foreign Patents. HD Radio™ and the HD, HD Radio, and "Arc" logos are proprietary trademarks of iBiquity Digital Corp.

Activating/deactivating digital radio reception

1. MENU Press the button
2. "Radio"
3. "FM" or "AM"
4. OPTION Press the button.
5. "HD Radio reception"

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

HD This symbol is displayed in the status line when the audio signal is digital.

When setting a station with a digital signal, it may take a few seconds before the station plays in digital quality.

Information about HD stations whose station name ends with ...HD or with ...HD1:

In areas in which the station is not continuously received in digital mode, the playback switches between analog and digital reception. In this case, switch off digital radio reception.

Information about HD multicast stations whose station name ends with ...HD2, ...HD3, ...:

In areas in which the station is not continuously received in digital mode, there may be interruptions of the audible signal lasting several seconds. This depends on the reception.

Displaying additional information

Some stations broadcast additional information on the current track, such as the name of the artist.

1. Select the desired station.
2. OPTION Press the button.
3. "Station info"

STORED STATIONS

General information

It is possible to store up to 40 stations.

Symbol	Meaning
1 ... 40	Memory location.
FM	Stations out of the FM waveband.
AM	Stations out of the AM waveband.
DAB	Digital radio station.

Calling up a station

1. MENU Press the button
2. "Radio"
3. "Presets"
4. Select the desired memory location.

Storing a station

The station currently selected is stored.

1. MENU Press the button
2. "Radio"
3. "Presets"
4. "Store station ( )"
5. Memory location to be selected.

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

The stations can also be stored on the programmable memory buttons.

Programmable memory buttons

The first eight locations in the station list correspond to the assignment of the Favorites keys.

To store the station:

1. Select a station.
2. Press and hold favorites button until a signal tone sounds.

Calling up a station:

1. Press Favorites button.

Shifting stations

1. MENU Press the button
2. "Radio"
3. "Presets"
4. Select the station that is to be moved.
5. OPTION Press the button.
6. "Move entry"
7. Select the memory location.

Deleting a station

1. MENU Press the button
2. "Radio"
3. "Presets"
4. OPTION Press the button.
5. "Delete entry"

Deleting all stations

1. MENU Press the button
2. "Radio"
3. "Presets"
4. OPTION Press the button.
5. "Delete saved stations"
6. Confirm "Are you sure you want to delete all saved stations?".

TRAFFIC BULLETINS

General information

When traffic bulletins are switched on, only stations are played that broadcast the traffic announcements.

Switching on/off

 Press the button.

Display in the status field

Symbol	Meaning
TP	Traffic bulletins switched on.
TP	Traffic bulletins switched on, no traffic bulletin stations available.
	The muting of the radio is not canceled by a traffic announcement.

Stopping a traffic announcement

Press one of the following buttons during the traffic report:

- 
- 

Adjusting the volume

Turn the left button during the traffic announcement to set the desired volume.

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SATELLITE RADIO

General information

The channels are offered in predefined packages. The packages must be subscribed by telephone.

Managing a subscription

To be able to enable or unsubscribe from the channels, you must have reception. This is usually the case when you have an unobstructed view of the sky.

Enabling channels

The Unsubscribed Channels category contains all disabled channels.

1. MENU Press the button
2. "Radio"
3. "Satellite radio"
4. Select the Unsubscribed category.
5. Select the channel.
6. OPTION Press the button.
7. "Manage subscription"

   The phone number and an electronic serial number, ESN, are displayed.
8. Select the displayed phone number to subscribe to the channel.

   The serial number, ESN, is needed to subscribe.

You can unsubscribe from the channels again via this phone number.

Unsubscribing from channels

1. MENU Press the button
2. "Radio"
3. "Satellite radio"
4. Select the channel.
5. OPTION Press the button.
6. "Manage subscription"

   The phone number and an electronic serial number, ESN, are displayed.
7. Select the displayed phone number to unsubscribe from the channel.

   The serial number, ESN, is needed to unsubscribe.

Selecting channels

You can only listen to enabled channels.

1. MENU Press the button
2. "Radio"
3. "Satellite radio"
4. Select categories.
5. Select the channel.

The selected channel is stored for the remote control currently in use.

Changing the channel

◁ ▷ Press the button.

Storing a channel

1. MENU Press the button
2. "Radio"
3. "Satellite radio"
4. Select the channel.
5. Press the right button.
6. Select the memory location.

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

The channels can also be stored on the programmable memory buttons.

Weather & Traffic jump

Traffic and weather information for a selected region is broadcast every few minutes.

Selecting a region

1. MENU Press the button
2. "Radio"
3. "Satellite radio"
4. OPTION Press the button.
5. "Set area:"
6. Select region.

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

Activating/deactivating the jump

Reception must be guaranteed in order to activate or deactivate.

1. MENU Press the button
2. "Radio"
3. "Satellite radio"
4. OPTION Press the button.
5. "Weather & Traffic Jump"

Information for the selected region is broadcast as soon as it is available.

Hints

- Reception may not be available in some situations, such as under certain environmental or topographic conditions.
- The signal may not be available in tunnels or underground garages; next to tall buildings; or near trees, mountains or powerful sources of radio interference.

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MULTIMEDIA

EXTERNAL DEVICES

At a glance

1 Change waveband
2 Opening the main menu
3 Menu level back
4 Selecting menu items
   - ▷ Turn: highlight the menu item in the display or adjust the value.
   - ▷ Press: select the highlighted menu item or store the setting.
5 Open the options for the respective menu
6 Programmable memory buttons
7 "Media": open the menu
8 "Radio": open the menu
9 Changing the station

The concept

Various external devices can be connected to the vehicle. The sound is output through the vehicle loudspeakers. The system can be operated via the radio, depending on how the external device is connected to the vehicle.

Symbol	Meaning
	AUX-IN port.
	USB audio interface.

AUX-IN port

At a glance

For connecting audio devices, e.g., MP3 players. The sound is output on the vehicle loudspeakers.

Recommendation: use medium tone and volume settings on the audio device. The tone depends on the quality of the audio files.

Connecting

The AUX-In port is located at the front of the center console.

Connect the headphones or the line-out connector of the device to the AUX-in port.

Playback

1. Connect the audio device, switch it on and select a track on the audio device.
2. MENU Press the button
3. "Multimedia"
4. "AUX"

Volume

The volume of the sound output is dependent on the audio device. If this volume differs markedly from the volume of the other audio sources, it is advisable to adjust the volumes.

Adjusting the volume

1. MENU Press the button
2. "Multimedia"
3. "AUX"
4. "Volume"
5. Set the desired volume.

USB audio interface

At a glance

It is possible to connect external devices. Operation takes place via the radio. The sound is output on the vehicle loudspeakers.

Connectors for external devices

Connection via USB audio interface: Apple iPod/ iPhone, USB devices, e.g., MP3 players, USB flash drives, or mobile phones that are supported by the USB audio interface.

Due to the large number of audio devices available on the market, it cannot be guaranteed that every device/mobile phone is operable on the vehicle.

Depending on the configuration of the audio files, e.g., bit rates greater than 256 kbit/s or the number of different compression technologies, the files may not play back correctly in each case.

Ask your service center about suitable devices/ mobile phones.

Audio files

Standard audio files and playlists can be played back.

File systems

Popular file systems for USB devices are supported. FAT32 and exFAT are the recommended formats.

USB device connection

The USB audio interface is located in the front of the center console.

Use a flexible adapter cable for connecting to help protect the USB audio port and the USB device from mechanical damage. The adapter cable supplied with the USB device would be ideal.

After the first connection

Information about the tracks and directories stored on the USB device is transferred into the vehicle. This may take some time, depending on the USB device, the number of tracks and the folder structure.

Number of tracks

A maximum of 10,000 tracks and directories can be stored in the vehicle.

Copy protection

Music tracks with integrated Digital Rights Management, DRM, cannot be played.

Playback

1. MENU Press the button
2. "Multimedia"
3. "USB device"

Playback is started.

Changing the track

◁ ▷ Press the button.

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Fast forward/reverse

 Press and hold the button.

Track search

Music tracks can searched in three ways.

- ▷ Track from the current playlist.
- ▷ Via the directory structure in the audio device.
- ▷ Via playlists stored in the audio device.

Current playback

List of tracks that is currently being played. For example, the list of tracks that was found in the track search or a playlist.

1. MENU Press the button
2. "Multimedia"
3. "USB device"
4. "Current playback"
5. Select the track at which the playback is to begin.

Searching directories

1. MENU Press the button
2. "Multimedia"
3. "USB device"
4. "Browse directory"

   Directories and titles at the top directory level are displayed. Should the USB device support external memory cards, their directories are also displayed.
5. Select the directory.
6. Select the track at which the playback is to begin. Tracks in subdirectories are not played back.

Playback lists

1. MENU Press the button
2. "Multimedia"
3. "USB device"
4. "Playlists"
5. Select the playback list.

Playback information

Information about the current track can be displayed, such as the artist and the name of the track. This information is stored in the music file and does not have to match the file name of the track.

Switching playback information on/off

1. MENU Press the button
2. "Multimedia"
3. "USB device"
4. OPTION Press the button.
5. "Show playback information"

Random playback

Playback in random order can be selected for all tracks of the USB device or for the current play.

Switching random playback for all tracks on/off

1. MENU Press the button
2. "Multimedia"
3. "USB device"
4. "Random (all titles)"

   All tracks of the USB device are played in succession in random order. If a track is selected via the search or via the playlist, the random playback is ended.

Switching random playback for the current playback on/off

If the random playback for all tracks is switched on, random playback for the current playback is not offered.

1. MENU Press the button
2. "Multimedia"
3. "USB device"
4. OPTION Press the button.
5. "Random"

Apple iPod/iPhone port

The USB audio port is located at the front of the center console.

Use a flexible adapter cable for connecting, e.g., the original iPod/iPhone adapter cable.

The Apple iPod/iPhone menu structure is supported by the USB audio interface.

Track search

Music tracks can searched in various ways.

- Track from the current playlist.
- Via playlists stored in the iPod/iPhone.
- Via the categories saved for the music tracks, for example, type of music, artist, composer, album, track.
- In the media audio books and podcasts.

Current playback

List of tracks that is currently being played. For example, the list of tracks that was found in the track search or a playlist.

1. MENU Press the button
2. "Multimedia"
3. "USB device"
4. "Current playback"
5. Select the track at which the playback is to begin.

Changing the track

◁ ▷ Press the button.

There is a switch to the previous/next station from this current playback.

Fast forward/reverse

◁ ▷ Press and hold the button.

The current track is fast forwarded/rewound with increasing speed.

Playback lists

1. MENU Press the button
2. "Multimedia"
3. "USB device"
4. "Playlists"
5. Select the playback list.

Categories

1. MENU Press the button
2. "Multimedia"
3. "USB device"
4. Select the category.
   - "Genres"
   - "Artists"

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- "Composers"
- "Albums"
- "Title"
- "Audio books"
- "Podcasts"

5. A-Z search to reduce the list to a beginning letter to be entered.
6. Select the track at which the playback is to begin.

Random playback

The tracks of the current playback are played back in random order.

Switching random playback on/off

1. MENU Press the button
2. "Multimedia"
3. "USB device"
4. OPTION Press the button.
5. "Random"

CONNECT ME.

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BLUETOOTH HANDS-FREE SYSTEM

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

THE CONCEPT

Mobile phones can be connected to the vehicle via Bluetooth. After the mobile phones are paired once, they are recognized automatically when the ignition is switched on. As soon as they are inside the vehicle they can be operated via the radio and via the buttons on the steering wheel.

HINTS

Using the mobile phone while driving

Make entries only when traffic and road conditions allow. Do not hold the mobile phone in your hand while you are driving; use the hands-free system instead. If you do not observe this precaution, you can endanger the vehicle occupants and other road users.◀

Certain functions may need to be enabled by the mobile phone provider or service provider.

At high temperatures, the charge functions of the mobile phone can be limited under certain circumstances, and functions are no longer executed.

When the mobile phone is used via the vehicle, refer to the operating manual of the mobile phone.

APPROVED MOBILE PHONES

Accurate information about which mobile phones are supported with a Bluetooth interface is available at www.mini.com/connectivity.

Displaying the vehicle identification number and software part number

The vehicle identification number and the software part number are needed to determine which mobile phones are supported by the mobile phone preparation package. The software version of the mobile phone may also be required.

1. "Telephone"
2. OPTION Press the button.
3. "Bluetooth® info"
4. "System information"

These approved mobile phones, with a certain software version, support the vehicle functions described below.

Malfunctions may occur with other mobile phones or software versions.

Do not operate a mobile phone that is connected to the vehicle on the mobile phone keypad, as this may lead to a malfunction.

PAIRING/UNPAIRING THE MOBILE PHONE

Requirements

- The mobile phone is suitable.
- The mobile phone is ready for operation.
- The ignition is switched on.
- Bluetooth connection on the vehicle and on the mobile phone activated.

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- ▷ Bluetooth presets may need to be made on the mobile phone, e.g., for a connection without confirmation or visibility, refer to the mobile phone operating instructions.
- ▷ Set Bluetooth passkey for one-time use in the logon procedure.
- ▷ Vehicle is stationary.

Bluetooth activation/deactivation

1. "Telephone"
2. OPTION Press the button.
3. "Activate Bluetooth®"

Pairing and connecting

Pairing the mobile phone

To avoid becoming distracted and posing an unnecessary hazard both to your own vehicle's occupants and to other road users, only pair the mobile phone while the vehicle is stationary.◀

1. "Telephone"
2. "Bluetooth®"
3. "Add new phone"

   The Bluetooth name of the vehicle is displayed on the Control Display.
4. To perform additional steps on the mobile phone, refer to the mobile phone operating instructions.

   The Bluetooth name of the vehicle appears on the mobile phone display. Select this.
5. Enter the same passkey on the phone and on the Control Display

   Or

   Compare the control number on the Control Display with the control number in the display of the mobile phone and confirm.

Four mobile phones can be logged in on the vehicle, and one mobile phone can be connected to the vehicle.

Following the initial pairing

Mobile phone is connected to the vehicle after a brief time.

The phone book entries stored on the SIM card or in the mobile phone are transferred to the vehicle.

Specific settings may be necessary in some mobile phones, e.g., authorization or a secure connection; refer to the mobile phone operating instructions.

Connecting a particular mobile phone

1. "Telephone"
2. "Bluetooth®"
3. Select the mobile phone that is to be connected.

Unpairing the mobile phone

1. "Telephone"
2. "Bluetooth®"
3. Highlight any mobile phone that is to be removed.
4. OPTION Press the button.
5. "Delete device" or "Delete all devices"

What to do if...

Information on suitable mobile phones, refer to page 152.

The mobile phone could not be paired or connected.

- ▷ Is Bluetooth activated in the vehicle and on the mobile phone? Activate bluetooth.
- ▷ Do the Bluetooth passkeys on the mobile phone and the vehicle match? Enter the same passkey on the mobile phone and on the radio.
- ▷ Did it take longer than 30 seconds to enter the passkey? Repeat the pairing procedure.

- Do the control numbers on the mobile phone and vehicle match? Repeat the pairing procedure.
- Are too many Bluetooth devices connected to the mobile phone? Delete connections to other devices.
- Is the mobile phone in power-save mode or does it have only a limited remaining battery life? Charge the mobile phone.

The mobile phone no longer reacts?

- Switch the mobile phone off and on again.
- Ambient temperature too high or too low? Do not subject the mobile phone to extreme ambient temperatures.

No or not all phone book entries are displayed, or they are incomplete.

- Transmission of the entries is not yet complete.
- It is possible that only the phone book entries from the mobile phone or from the SIM card are transmitted.
- It may not be possible to display phone book entries with special characters.
- The number of phone book entries being stored is too high.

The phone connection quality is poor.

- It may be possible to adjust the strength of the Bluetooth signal on the mobile phone.
- Adjust the volume of the microphone and loudspeakers separately.

If all points in this list have been checked and the required function is still not available, contact BMW Customer Relations or the service center.

CONTROLS

Adjusting the volume

Turn the left button on the radio until the desired volume is set. The volume can only be set during an active conversation.

Automatic volume control

The automatic volume control can only be adjusted during an active conversation.

1. "Settings"
2. "Tone"
3. "Volume settings"
4. Select the desired setting: "Microphone" or "Loudspeak."
5. Adjusting: press and turn controller.
6. To store: press the controller.

Incoming call

Receiving calls

If the number of the caller is stored in the mobile phone, the name of the contact is shown in the display of the radio. If the name is not saved, the number is displayed.

Accepting a call

About the radio

"Accept"

Via the button on the steering wheel

 Press the button.

Via the instrument cluster

"Accept"

Rejecting a call

About the radio

"Reject"

Via the instrument cluster

"Reject"

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Ending a call

About the radio

"End call ( )"

Via the button on the steering wheel

 Press the button.

Via the instrument cluster

"End call"

Dialing a number

1. "Telephone"
2. "Dial number"
3. Enter numbers using the right rotary knob.
4. Select the symbol.

Calls with multiple parties

Accepting a second call

If a second call is received during an ongoing call, a call waiting signal sounds.

"Accept"

The second call is accepted and the existing call is put on hold.

Establishing a second call

Establish another call during an active call.

The first call is put on hold.

Switching between two calls, hold call

You can switch between two calls.

Select line with symbol in order to switch between the conversations.

Active conversation.

Call on hold.

Establishing a conference call

Two calls can be connected to a single telephone conference call.

1. Establish two calls.
2. "Conference call"

When terminating the conference call, both calls are ended. If one call is terminated by another party, the other call is continued if necessary.

Switching the microphone to mute

When a call is active, the microphone can be muted.

1. "Telephone"
2. "Active calls"
3. "Microphone mute"

DTMF suffix dialing

1. Dialing a number, refer to page 155.
2. "Keypad dialing"
3. Enter the desired number.
4. Select the symbol.

Favorites

Up to 12 phone numbers can be stored in the favorites. Only the occupied places of the favorites list are displayed.

1. "Telephone"
2. "Favorites"
3. "Add favorite"
4. Select the list from which the entry is to be added:
   - "Phone book"
   - "Outgoing calls"
   - "Received calls"
5. Select entry from list and desired phone number.
6. Position and select the cursor at the desired place in the Favorites.

Move favorite

1. Highlight the desired favorite.
2. OPTION Press the button.
3. "Move favorite"
4. Position and select the cursor at the desired place in the Favorites.

Remove from favorites

1. Highlight the desired favorite.
2. OPTION Press the button.
3. "Delete from Favorites"

Deleting favorites

1. OPTION Press the button.
2. "Delete favorites"
3. "OK"

Phone book

General information

The telephone accesses the contacts stored in the mobile phone. All contacts for which a telephone number is entered are displayed. A maximum of 4 phone numbers per contact can be displayed.

Displaying

Phone book entries are automatically transmitted from the mobile phone to the vehicle, depending on the mobile phone. Fig. 4 Entries in the phone book: "A-Z search"

1. "Telephone"
2. "Phone book"

The symbols show how the entries are stored on the mobile phone.

Symbol	Meaning
	Mobile phone number.
	Home phone number.
	Business phone number.

Selecting the sorting order of the names

The phone book entries can be displayed in different sequences. Depending on how the contacts are stored in the mobile phone, the sorting order of the names may differ from the selected sorting order.

1. OPTION Press the button.
2. "First name Last name" or "Last name, First name"

Calling

1. Select contact.
2. Select the desired phone number.

Add phone numbers to favorites

1. Select the entry from the list.
2. Highlight the desired phone number.
3. Press the right button, and select the phone number.

   Or

   OPTION Press the button and "Add to favorites".
4. Insert and select the cursor at the desired place in the Favorites.

Redialing

The list of the last 20 numbers of the cell phone selected are displayed.

1. "Telephone"
2. "Redial"

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Add phone numbers to favorites

1. Select the entry from the list.
2. Highlight the desired phone number.
3. Press the right button, and select the phone number.

   Or

   OPTION Press the button and "Add to favorites".
4. Insert and select the cursor at the desired place in the Favorites.

Dialing the number via the instrument cluster

This is possible when there is no active call.

1.  Press the button on the steering wheel.

   The last numbers selected are displayed in the instrument cluster.
2. If necessary, select another number.
3.  Press the key again to establish the connection.

Received calls

The list of the 20 last received or missed calls of the cell phone are displayed.

1. "Telephone"
2. "Received calls"

Add phone numbers to favorites

1. Select the entry from the list.
2. Highlight the desired phone number.
3. Press the right button, and select the phone number.

   Or

   OPTION Press the button and "Add to favorites".
4. Insert and select the cursor at the desired place in the Favorites.

Hands-free system

General information

Calls that are being made on the hands-free system can be continued on the mobile phone and vice versa.

From the mobile phone to the hands-free system

Calls that were begun outside of the Bluetooth range of the vehicle can be continued on the hands-free system with the ignition switched on.

Depending on the mobile phone, the system automatically switches to the hands-free system.

If the system does not switch over automatically, follow the instructions on the mobile phone display; refer also to the mobile phone operating instructions.

From the hands-free system to the mobile phone

Calls that are made on the hands-free system can in some cases be continued on the mobile phone; this depends on the mobile phone.

Follow the instructions on the mobile phone display; refer also to the mobile phone operating instructions.

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MOVE ME.

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REFUELING

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

GENERAL INFORMATION

Refuel promptly

Refuel no later than at a range of 30 miles/50 km, or operation of the engine is not ensured and damage may occur.◄

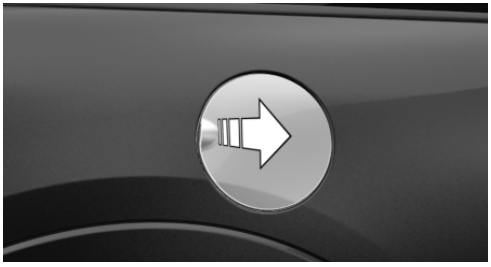
Diesel engines

The filler neck is designed for refueling at diesel fuel pumps.

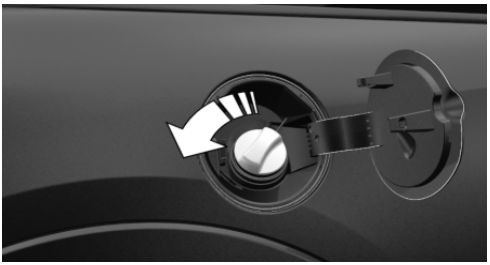
FUEL CAP

Opening

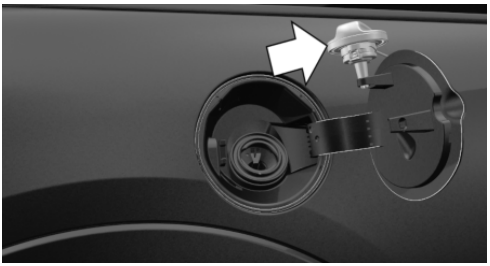
1. Grasp the fuel filler flap at the rear edge and open it.



2. Turn the fuel cap counterclockwise.



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



Closing

1. Fit the cap and turn it clockwise until you clearly hear a click.
2. Close the fuel filler flap.

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.◄

Manually unlocking fuel filler flap

In the event of an electrical malfunction, for example.

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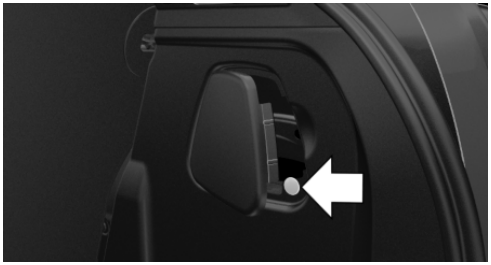

Remove the cover.

Pull the green knob with the fuel pump symbol. This releases the fuel filler flap.

OBSERVE THE FOLLOWING WHEN REFUELING

The fuel tank is full when the filler nozzle clicks off the first time.

Do not overfill the fuel tank

Do not overfill the fuel tank; otherwise fuel may escape, causing harm to the environment and damaging the vehicle.◀

Handling fuels

Obey safety regulations posted at the gas station.◀

FUEL

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

FUEL RECOMMENDATION

Note

General fuel quality

Even fuels that conform to the specifications can be of low quality. Switch gas stations or use fuel from brand name producers having a higher octane level; otherwise, engine problems, such as poor engine starting performance, poorer handling characteristics or driving performance may occur.◄

Gasoline

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

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

Refuel only with unleaded gasoline without metallic additives.

Do not refuel with any leaded gasoline or gasoline with metallic additives, e. g. manganese or iron, or permanent damage to the catalytic converter and other components.◄

Fuels with a maximum ethanol content of 25 %, i. e., E25, may be used for refueling.

Ethanol should satisfy the following quality standards:

US: ASTM 4806–xx

CAN: CGSB-3.511–xx

xx: comply with the current standard in each case.

Do not refuel with Ethanol above the maximum Ethanol proportion

Do not refuel with Ethanol above the maximum Ethanol proportion, that is, refueling with fuel that contains more than 25 % Ethanol, flex fuel or other alcohols; otherwise, damage to the engine and fuel supply could result.◄

Gasoline quality

BMW recommends AKI 91.

Minimum fuel grade

BMW recommends AKI 89.

Minimum fuel grade

Do not use any gasoline below the minimum fuel grade as this may impair engine performance.◄

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.

Fuel quality

The use of poor-quality fuels may result in harmful engine deposits or damage. Additionally, problems relating to drivability, starting and stalling, especially under certain environmental conditions such as high ambient temperature and high altitude, may occur.

If drivability problems are encountered, we recommend switching to a high quality gasoline brand and a higher octane grade — AKI number — for a few tank fills. To avoid harmful engine deposits, it is highly recommended to purchase gasoline from BP or Top Tier retailers.

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Failure to comply with these recommendations may result in the need for unscheduled maintenance.◀

MINI recommends BP fuels

Diesel

Low-Sulfur Diesel

The engine of your BMW is designed for diesel with low sulfur content:

Ultra-Low Sulfur Diesel ASTM D 975-xx.

xx: comply with the current standard in each case.

Use only Ultra-Low Sulfur Diesel.

The fraction of biodiesel in the fuel must not exceed 5 %, referred to as B5. Do not use gasoline. If you do fill the tank with the wrong fuel, e.g., gasoline, do not start the engine as this may damage the engine.◀

After adding the wrong fuel, contact your service center or roadside assistance.

If the fuel pump nozzle does not fit in the filler pipe of your BMW, please check to ensure that you are refueling at a diesel fuel pump that is equipped with a diesel fuel pump nozzle.

Winter diesel

To ensure that the diesel engine remains operational in the winter, use winter diesel.

It is available at gas stations during winter months.

The fuel filter heating system, included as a standard feature, prevents disruption of the fuel supply while driving.

Do not add any diesel additives

Do not add additives, including gasoline; otherwise, engine damage may occur.◀

WHEELS AND TIRES

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

TIRE INFLATION PRESSURE

Safety information

The tire characteristics and tire inflation pressure influence the following:

- The service life of the tires.
- Road safety.
- Driving comfort.

Checking the pressure

Tires have a natural, consistent loss of 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.◀

Tires heat up during driving, and the tire inflation pressure increases along with the temperature of the tire. The tire inflation pressure specifications relate to cold tires or tires with the ambient temperature.

Only check the tire inflation pressure when the tires are cold. This means after driving no more than 1.25 miles/2 km or when the vehicle has been parked for at least 2 hours. When the tires are warm, the tire inflation pressure is higher.

After correcting the tire inflation pressure:

- Reinitialize the Flat Tire Monitor.
- Reinitialize the Tire Pressure Monitor.

Checking the inflation pressure of the compact wheel

Located behind the bumper on the underside of the vehicle is an opening for checking the tire inflation pressure.

Pressure specifications

The tire inflation pressure table, refer to page 167, contains all pressure specifications for the specified tire sizes at the ambient temperature. Pressure specifications apply to approved tire sizes and recommended tire brands. This information can be obtained from your service center.

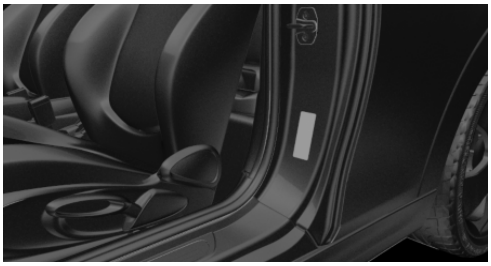
To identify the correct tire inflation pressure, please note the following:

- Tire sizes of your vehicle.
- Maximum permitted driving speed.

Tire inflation pressures up to 100 mph/160 km/h

For speeds of up to 100 mph/160 km/h and for optimum driving comfort, note the pressure

values in the tire inflation pressure table, refer to page 167, and adjust as necessary.



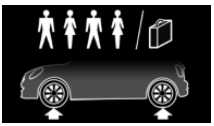
These pressure values can also be found on the tire inflation pressure label on the driver's door pillar.

Maximum permissible speed

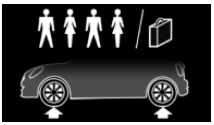
Do not exceed 100 mph/160 km/h; otherwise, tire damage and accidents may result.◀

Tire inflation pressure values up to 100 mph/160 km/h

COOPER

Tire size	Pressure specifications in bar/PSI	
Specifications in bar/PSI with cold tires		
175/65 R 15 84 H Std 175/65 R 15 84 H M+S A/S Std 195/55 R 16 87 V M+S A/S RSC 205/45 R 17 88 V M+S XL A/S RSC 195/55 R 16 87 H Std/RSC 205/45 R 17 88 V XL Std/RSC 205/40 R 18 86 W XL RSC 175/65 R 15 84 H M+S Std 175/60 R 16 86 H M+S XL Std/RSC 195/55 R 16 87 H M+S Std/RSC 205/45 R 17 88 V M+S XL Std/RSC	2.4 / 35	2.4 / 35
Compact wheel T 115/70 R 15 90 M	Speed up to a max. of 50 mph / 80 km/h 4.2 / 60	

COOPER S

Tire size	Pressure specifications in bar/PSI	
Specifications in bar/PSI with cold tires		
195/55 R 16 87 V Std/RSC 195/55 R 16 87 V M +S A/S RSC 195/55 R 16 87 H M +S Std/RSC	2.4 / 35	2.4 / 35
205/45 R 17 88 V M +S XL A/S RSC 205/45 R 17 88 V XL Std/RSC 205/40 R 18 86 W XL RSC 175/60 R 16 86 H M +S XL Std/RSC 205/45 R 17 88 V M +S XL Std/RSC	2.6 / 38	2.4 / 35

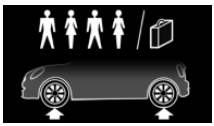
Tire inflation pressures at max. speeds above 100 mph/160 km/h

Speeds above 100 mph/160 km/h

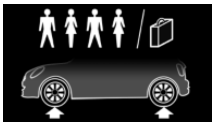
In order to drive at maximum speeds in excess of 100 mph/160 km/h, please observe, and, if necessary, adjust tire pressures for speeds exceeding 100 mph/160 km/h from the relevant table on the following pages. Otherwise tire damage and accidents could occur.◂

Tire inflation pressure values over 100 mph/160 km/h

COOPER

Tire size	Pressure specifications in bar/PSI	
Specifications in bar/PSI with cold tires		
175/65 R 15 84 H Std 175/65 R 15 84 H M +S A/S Std 195/55 R 16 87 V M +S A/S RSC 205/45 R 17 88 V M +S XL A/S RSC 195/55 R 16 87 H Std/RSC 205/45 R 17 88 V XL Std/RSC 205/40 R 18 86 W XL RSC 175/65 R 15 84 H M +S Std 175/60 R 16 86 H M +S XL Std/RSC 195/55 R 16 87 H M +S Std/RSC 205/45 R 17 88 V M +S XL Std/RSC	2.8 / 41	2.6 / 38
Compact wheel T 115/70 R 15 90 M	Speed up to a max. of 50 mph / 80 km/h 4.2 / 60	

COOPER S

Tire size	Pressure specifications in bar/PSI	
Specifications in bar/PSI with cold tires		
195/55 R 16 87 V Std/RSC 195/55 R 16 87 V M +S A/S RSC 195/55 R 16 87 H M +S Std/RSC	2.8 / 41	2.6 / 38
205/45 R 17 88 V M +S XL A/S RSC 205/45 R 17 88 V XLStd/RSC 205/40 R 18 86 W XL RSC 175/60 R 16 86 H M +S XL Std/RSC 205/45 R 17 88 V M +S XL Std/RSC	3.1 / 45	2.9 /42

TIRE IDENTIFICATION MARKS

Tire size

205/45 R 17 84 V

205: nominal width in mm

45: aspect ratio in %

R: radial tire code

17: rim diameter in inches

84: load rating, not for ZR tires

V: speed rating, before the R on ZR tires

Speed letter

T = up to 118 mph, 190 km/h

H = up to 131 mph, 210 km/h

V = up to 150 mph, 240 km/h

W = up to 167 mph, 270 km/h

Y = up to 186 mph, 300 km/h

Tire Identification Number

DOT code: DOT xxxx xxx 4413

xxxx: manufacturer code for the tire brand

xxx: tire size and tire design

4413: tire age

Tires with DOT codes meet the guidelines of the U.S. Department of Transportation.

Tire age

DOT … 4413: the tire was manufactured in the 44th week of 2013.

Recommendation

Regardless of wear, replace tires at least every 6 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, 1 g, 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 Band 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.

If necessary, have the vehicle towed.◄

RSC – Run-flat tires

Run-flat tires, refer to page 173, are labeled with a circular symbol containing the letters RSC marked on the sidewall.

M+S

Winter and all-season tires with better cold weather performance than summer tires.

TIRE TREAD

Summer tires

Do not drive with a tire tread depth of less than 0.12 in/3 mm.

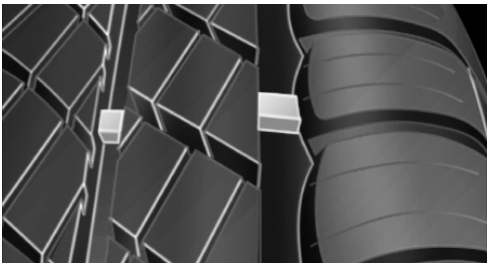
There is an increased danger of hydroplaning if the tread depth is less than 0.12 in/3 mm.

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.

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TIRE DAMAGE

General information

Inspect your tires often for damage, foreign objects lodged in the tread, and tread wear.

Hints

Driving over rough or damaged road surfaces, as well as debris, curbs and other obstacles can cause serious damage to wheels, tires and suspension parts. This is more likely to occur with low-profile tires, which provide less cushioning between the wheel and the road. Be careful to avoid road hazards and reduce your speed, especially if your vehicle is equipped with low-profile tires.

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.

Damage can, e. g., be caused by driving over curbs, road damage, or similar things.

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 nearest service center. Have the vehicle towed or transported there. Otherwise, tire damage can become life threatening for vehicle occupants and also other road users.◄

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.◄

CHANGING WHEELS AND TIRES

Mounting

Information on mounting tires

Have mounting and balancing 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.◄

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.◄

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.

New 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.

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

Winter tires are recommended for operating on winter roads.

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 respective winter tires; otherwise, tire damage and accidents can occur.◄

Run-flat tires

If you are already using run-flat tires, for your own safety you should replace them only with the same kind. 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.

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.

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.

Continued driving with a damaged tire, refer to page 79.

Continued driving with a damaged tire, refer to page 76.

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.

REPAIRING A FLAT TIRE

Safety measures in case of a breakdown

Park the vehicle as far away as possible from passing traffic and on solid ground.

Switch on the hazard warning system.

Turn the steering wheel until the front wheels are in the straight-ahead position and engage the steering wheel lock.

Secure the vehicle against rolling away by setting the parking brake.

Have all vehicle occupants get out of the vehicle and ensure that they remain outside the immediate area in a safe place, such as behind a guardrail.

If necessary, set up a warning triangle at an appropriate distance.

Comply with all safety guidelines and regulations.◂

MOBILITY SYSTEM

The concept

With the Mobility System, minor tire damage can be sealed quickly to enable continued travel. To accomplish this, sealant is pumped into the tires, which seals the damage from the inside.

The compressor can be used to check the tire inflation pressure.

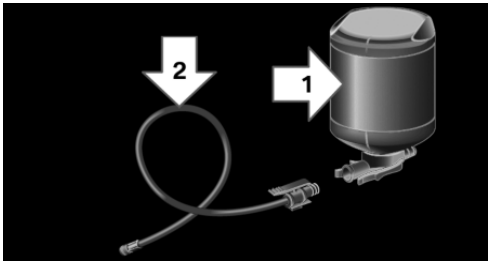
Hints

- Follow the instructions on using the Mobility System found on the compressor and sealant bottle.
- Use of the Mobility System may be ineffective if the tire puncture measures approx. 1/8 in/4 mm or more.
- Contact the nearest service center if the tire cannot be made drivable.
- If possible, do not remove foreign bodies that have penetrated the tire.
- Pull the speed limit sticker off the sealant bottle and apply it to the steering wheel.

Storage

The Mobility System is located under the cargo floor panel in the cargo area.

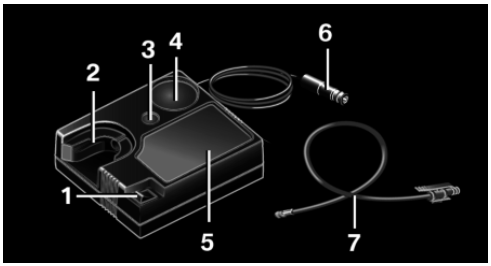
Sealant bottle



- ▷ Sealant bottle, arrow 1.
- ▷ Filling hose, arrow 2.

Note the use-by date on the sealant bottle.

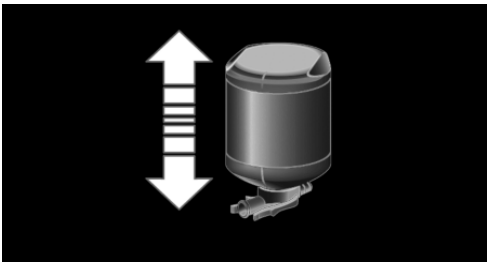
Compressor



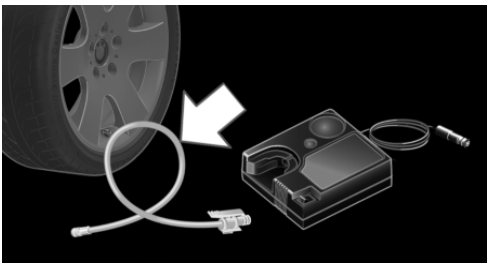
1 On/off switch
2 Holder for bottle
3 Reduce inflation pressure
4 Inflation pressure dial
5 Compressor
6 Connector/cable for socket
7 Connection hose — stowed in the bottom of the compressor

Filling the tire with sealant

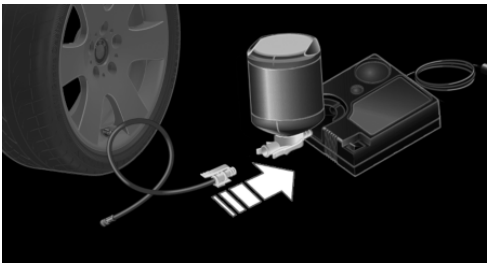
1. Shake the sealant bottle.



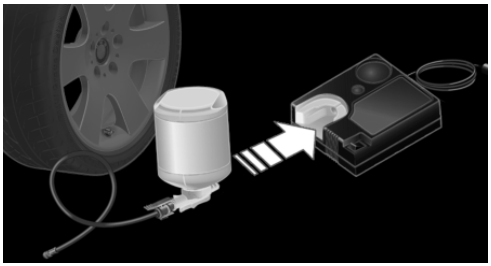
2. Take the connection hose completely out of the compressor housing. Do not kink the hose.



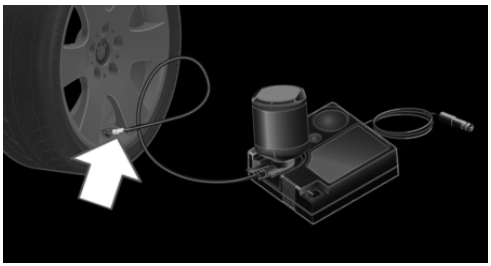
3. Attach the connection hose to the connector of the sealing bottle, ensuring that it engages audibly.



4. Slide the sealing bottle upright into the holder on the compressor housing, ensuring that it engages audibly.

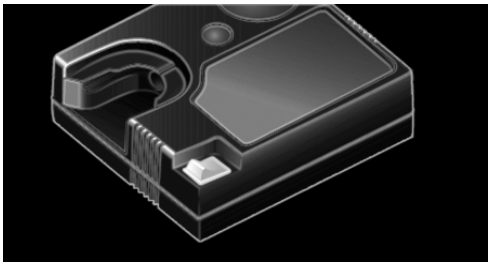


5. Screw the connection hose onto the valve of the defective wheel.



6. With the compressor switched off, insert the plug into a power socket inside the vehicle.

7. With the ignition turned on or the engine running, switch on the compressor.



Let the compressor run for approx. 3 to 8 minutes to fill the tire with sealant and achieve a tire inflation pressure of approx. 2.5 bar.

While the tire is being filled with sealant, the inflation pressure may sporadically reach approx. 5 bar. Do not switch off the compressor in this phase.

Enclosed areas

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

Switch off the compressor after 10 minutes

Do not allow the compressor to run longer than 10 minutes; otherwise, the device will overheat and may be damaged.◀

If a tire pressure of 2 bar is not reached:

1. Switch off the compressor.
2. Unscrew the filling hose from the wheel.
3. Drive forward and back to distribute the sealant in the tire.
4. Inflate the tire again using the compressor.

   If an inflation pressure of 2 bar cannot be reached, contact your service center.

Stowing the Mobility System

1. Disconnect the connection hose of the sealant bottle from the wheel.
2. Disconnect the connection hose from the sealant bottle.
3. Wrap the empty sealant bottle and connection hose in suitable material to avoid dirtying the cargo area.
4. Stow the Mobility System back in the vehicle.

Distributing the sealant

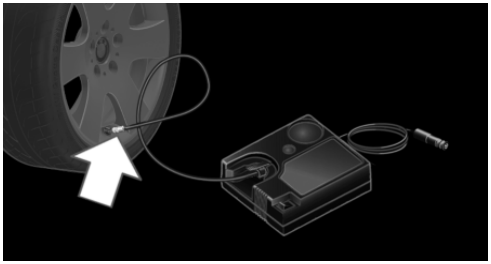
Immediately drive to ensure that the sealant is evenly distributed in the tire.

Do not exceed a speed of .

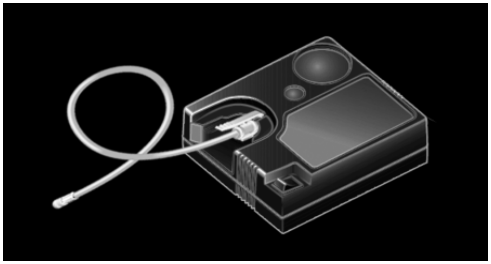
Do not drop below if possible.

Correcting the tire inflation pressure

1. Stop at a suitable location.
2. Screw the connection hose onto the tire valve stem.



3. Attach the connection hose directly to the compressor.



4. Insert the connector into a power socket inside the vehicle.

5. Correct the tire inflation pressure to 2.5 bar.
   - ▷ Increase pressure: with the ignition turned on or the engine running, switch on the compressor.
   - ▷ To reduce the pressure: press the button on the compressor.

Continuing the trip

Do not exceed the maximum permissible speed of 50 mph/80 km/h.

Reinitialize the Flat Tire Monitor, refer to page 77.

Reinitialize the Tire Pressure Monitor, refer to page 74.

Replace the defective tire and the sealant bottle of the Mobility System as soon as possible.

SNOW CHAINS

Fine-link snow chains

Only certain types of fine-link snow chains have been tested by the manufacturer of your vehicle, classified as road-safe and approved.

Information about the approved snow chains are available from the service center.

Use

Use only in pairs on the front wheels, equipped with the tires of the following size:

- ▷ 175/65 R 15.

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- 175/60 R 16.
- 195/55 R 16.

Follow the chain manufacturer's instructions.

Make sure that the snow chains are always sufficiently tight. Retighten as needed according to the chain manufacturer's instructions.

Do not initialize the Flat Tire Monitor after mounting snow chains, as doing so may result in incorrect readings.

Do not initialize the Tire Pressure Monitor after mounting snow chains, as doing so may result in incorrect readings.

When driving with snow chains, briefly activate Dynamic Traction Control if necessary.

Maximum speed with snow chains

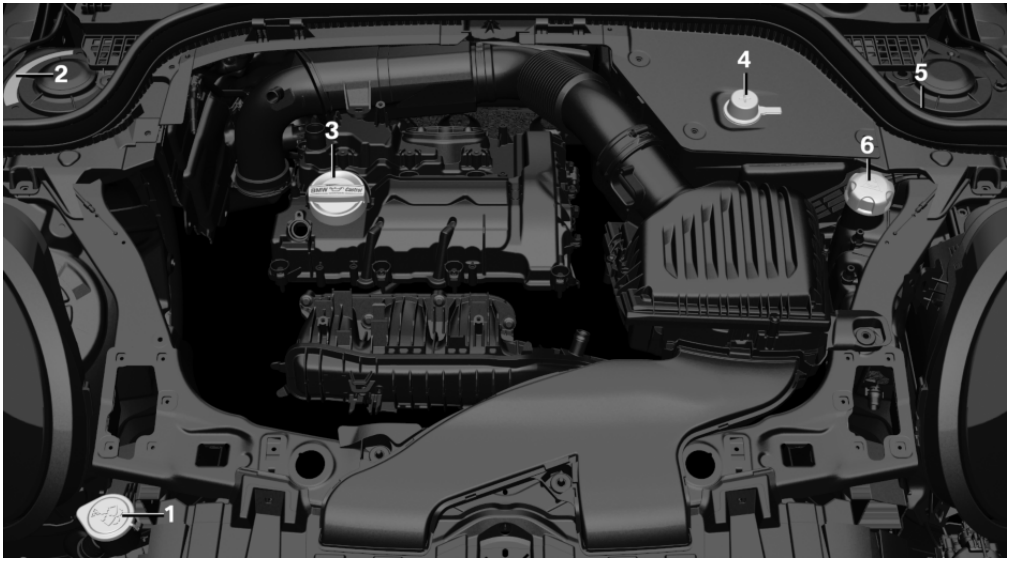
Do not exceed a speed of 30 mph/50 km/h when using snow chains.

ENGINE COMPARTMENT

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

IMPORTANT FEATURES IN THE ENGINE COMPARTMENT



1 Washer fluid reservoir
2 Vehicle identification number
3 Oil filler neck
4 Jump-starting, positive terminal
5 Jump-starting, negative terminal
6 Coolant reservoir

HOOD

Hints

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.◄

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Never reach into the engine compartment

Never reach into the intermediate spaces or gaps in the engine compartment. Otherwise, there is risk of injury, e.g., from rotating or hot parts.◄

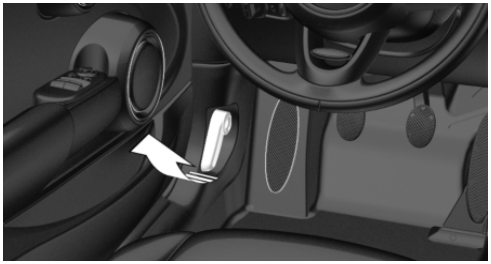
Fold down wiper arm

Before opening the hood, ensure that the wiper arms are against the windshield, or this may result in damage.◄

Opening the hood

1. Pull lever in the interior, arrow.

   Hood is unlocked



2. After the lever is released, pull the lever again, arrow.

   Hood can be opened.

Indicator/warning lamps

When the hood is opened, a Check Control message is displayed.

Closing the hood

Let the hood drop from a height of approx. 16 in/40 cm and push down on it to lock it fully.

The hood must audibly engage on both sides.

Hood open when driving

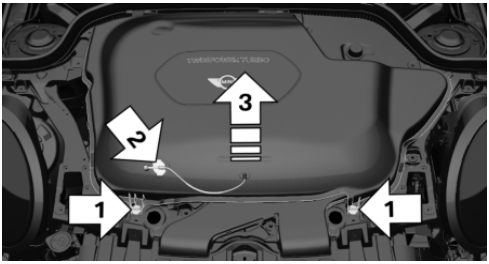
If you see any signs that the hood is not completely closed while driving, pull over immediately and close it securely.◄

Danger of pinching

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

Engine compartment cover

Before working in the engine compartment, fold up the cover.



1. Release the latches, arrow 1.
2. Release the bracket for the cover, arrow 2.
3. Fold the cover upward, and attach the brackets to the cover at the provided position, arrow 3.

ENGINE OIL

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

GENERAL INFORMATION

Engine oil consumption depends on driving style and driving conditions, e.g., if your driving style is very sporty engine oil consumption will be considerably greater.

Therefore, regularly check the engine oil level after refueling.

The vehicle is equipped with electronic oil measurement.

The electronic oil measurement has two measuring principles.

- Status display
- Detailed measurement

CHECKING THE OIL LEVEL ELECTRONICALLY

Status display

The concept

The oil level is monitored electronically during driving and shown on the radio display.

If the oil level reaches the minimum level, a check control message is displayed.

Requirements

A current measured value is available after approx. 30 minutes of driving. During a shorter trip, the status of the last, sufficiently long trip is displayed.

With frequent short-distance trips, perform a detailed measurement.

Displaying the oil level

1. MENU Press the button.
2. "Vehicle status"
3. "Vehicle status"
4. "Engine oil level"

   The oil level is displayed.

Oil level display messages

Different messages appear on the display depending on the oil level. Pay attention to these messages.

If the engine oil level is too low, within the next 125 miles/200 km add oil, refer to page 181.

Engine oil level too low

Add oil immediately; otherwise, an insufficient amount of engine oil could result in engine damage.◄

Take care not to add too much engine oil.

Too much engine oil

Have the vehicle checked immediately; otherwise, surplus oil can lead to engine damage.◄

Detailed measurement

The concept

In the detailed measurement the oil level is checked and displayed via a scale.

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If the oil level reaches the minimum level or an overfilling is detected, a check control message is displayed.

During the measurement, the idle speed is increased somewhat.

Requirements

- Vehicle is on level road.
- Manual transmission: shift lever in neutral position, clutch and accelerator pedals not depressed.
- Automatic transmission: selector lever in transmission position N or P and accelerator pedal not depressed.
- Engine is running and is at operating temperature.

Performing a detailed measurement

In order to perform a detailed measurement of the engine oil level:

Confirm message regarding oil level display.

The oil level is checked and displayed via a scale.

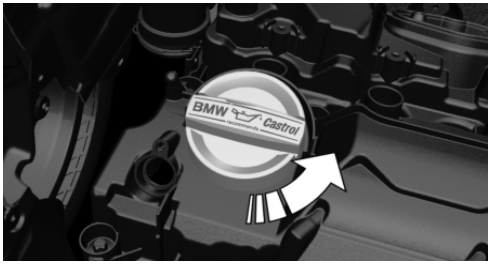
Duration: approx. 1 minute.

ADDING ENGINE OIL

General information

Switch off the ignition and safely park the vehicle before engine oil is added.

Filler neck



Only replenish the maximum oil amount of 1 US quart/liter if the signal is displayed in the instrument cluster.

After refilling, perform a detailed measurement, refer to page 181.

Adding oil

Add oil within the next 125 miles/200 km. Otherwise, the engine may be damaged.◂

Do not add too much engine oil

When too much engine oil is added, immediately have the vehicle checked, otherwise, this may cause engine damage.◂

Protect children

Keep oil, grease, etc., out of reach of children and heed the warnings on the containers to prevent health risks.◂

OIL TYPES FOR REFILLING

Hints

No oil additives

Oil additives may lead to engine damage.◂

Viscosity grades for engine oils

When selecting an engine oil, ensure that the engine oil belongs to one of the viscosity grades SAE 0W-40, SAE 0W-30, SAE 5W-40, and

SAE 5W-30 or malfunctions or engine damage may occur.◀

The engine oil quality is critical for the life of the engine.

Some types of oils in some cases are not available in all countries.

Approved oil types

Gasoline engine
BMW Longlife-01
BMW Longlife-01 FE

Diesel engine
BMW Longlife-04

Additional information about the approved types of oils can be requested from the service center.

Alternative oil types

If the approved engine oils are not available, up to 1 US quart/liter of an oil with the following specification can be added:

Gasoline engine
API SM or superior grade specification

Diesel engine
API ILSAC GF-5

ENGINE OIL CHANGE

The manufacturer of your vehicle recommends having the engine oil changed by your service center.

MINI RECOMMENDS Castrol

COOLANT

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

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.

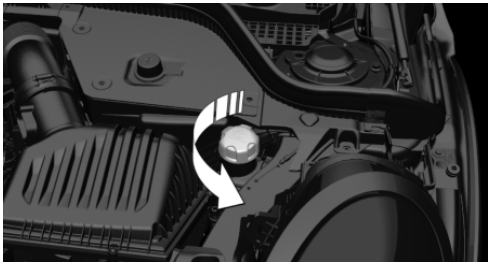
Not all commercially available additives are suitable for your vehicle. Ask your service center for suitable additives.

COOLANT LEVEL

Checking

There are yellow Min and Max marks in the coolant reservoir.

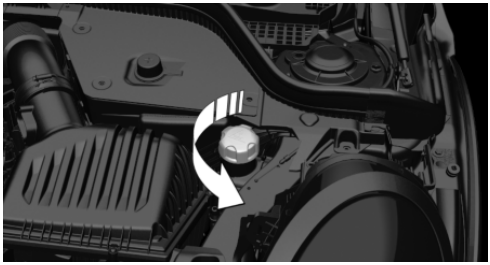
1. Let the engine cool.
2. Turn the coolant reservoir lid counterclockwise to unscrew and open it.



3. The coolant level is correct when it is between these two marks.

Adding engine oil

1. Let the engine cool.
2. Turn the coolant reservoir lid counterclockwise to unscrew and open it.



3. If the coolant is low, slowly add coolant up to the specified level; do not overfill.
4. Turn the cap.
5. Have the cause of the coolant loss eliminated as soon as possible.

DISPOSAL

Comply with the relevant environmental protection regulations when disposing of coolant and coolant additives.

MAINTENANCE

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

MINI MAINTENANCE SYSTEM

The maintenance system indicates required maintenance measures, and thereby provides support in maintaining road safety and the operational reliability of 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.

Detailed information on service requirements, refer to page 60, can be displayed on the radio.

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

Note

Socket for Onboard Diagnosis

The socket for onboard diagnostics may only be used by the service center or a workshop that operates in accordance with the

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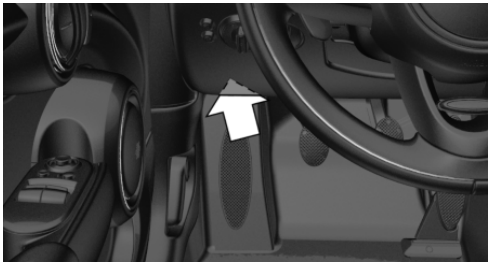
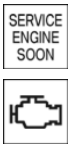
specifications of the vehicle manufacturer with correspondingly trained personnel and other authorized persons. Otherwise, use may result in operating problems for the vehicle.◀

Position



There is an OBD socket on the driver's side for checking the primary components in the vehicle emissions.

Emissions



▷ The warning lamp lights up:

Emissions are deteriorating. Have the vehicle checked as soon as possible.

Canadian model: warning light indicates the engine symbol.

▷ The warning lamp flashes under certain circumstances:

This indicates that there is excessive misfiring in the engine.

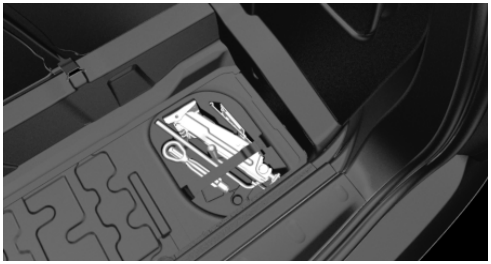
Reduce the vehicle speed and have the system checked immediately; otherwise, serious engine misfiring within a brief period can seriously damage emission control components, in particular the catalytic converter.

REPLACING COMPONENTS

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

ONBOARD VEHICLE TOOL KIT



The onboard vehicle tool kit is located in the trough under the cargo area floor.

The warning triangle is located in the tailgate trim.

WIPER BLADE REPLACEMENT

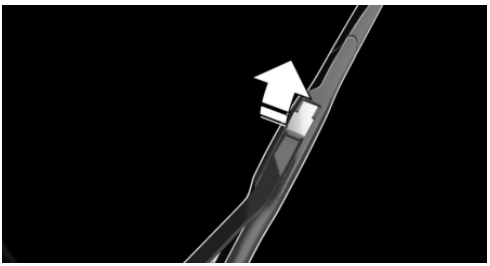
Note

Do not fold down the wipers without wiper blades

Do not fold down the wipers if wiper blades have not been installed; this may damage the windshield.◄

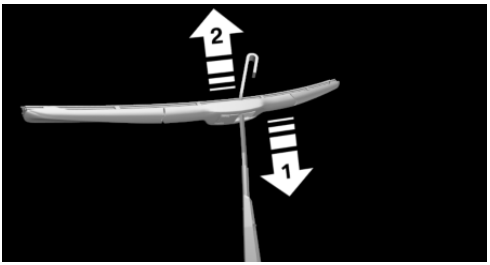
Replacing the wiper blades

1. Fold up and hold the wiper arm firmly.
2. Open the wiper blade lock, arrow.



3. Pull the wiper blade first downward out of the holder on the wiper arm, arrow 1.

   Then pull the wiper blade free from the holder of the wiper blade, arrow 2.



4. Insert and latch a new wiper blade in reverse order.
5. Fold down the wipers.

Folding down wipers before opening the hood

Before opening the hood, ensure that the wiper arms with the wiper blades are against the windshield to prevent damage.◄

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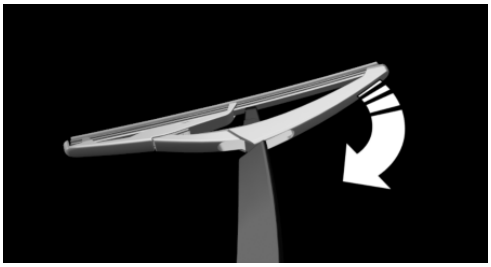
Replace the rear wiper blade

1. Fold up and hold the wiper arm firmly.
2. Turn the wiper blade all the way back.



3. Continue turning the wiper blade all the way so that it pops out of the holder.
4. Press the new wiper blade into the holder until you hear it snap into place.
5. Fold the wipers in.

LAMP AND BULB REPLACEMENT

Hints

Lamps and bulbs

Lamps and bulbs make an essential contribution to vehicle safety.

The manufacturer of the vehicle recommends that you entrust corresponding procedures to the service center if you are unfamiliar with them or they are not described here.

You can obtain a selection of replacement bulbs at the 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 (LEDs)

Light-emitting diodes installed behind a cover serve as the light source for controls, display elements and other equipment.

These light-emitting diodes, which are related to 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

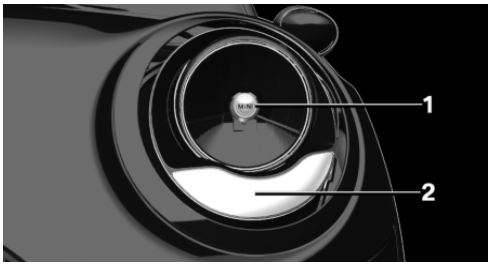
Condensation can form on the inside of the external lamps in cool or humid weather. When driving with the light switched on, the condensation evaporates after a short time. The headlamp glasses do not need to be changed.

If the headlamps do not dim despite driving with the light switched on, increasing humidity forms, e. g. water droplets in the light, have the service center check this.

Front lamps, bulb replacement

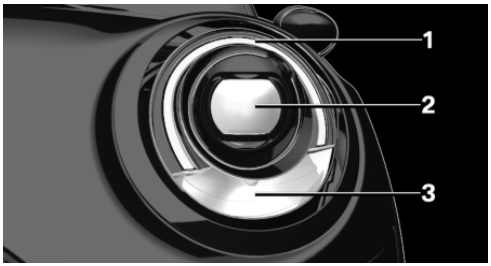
At a glance

Halogen headlamps



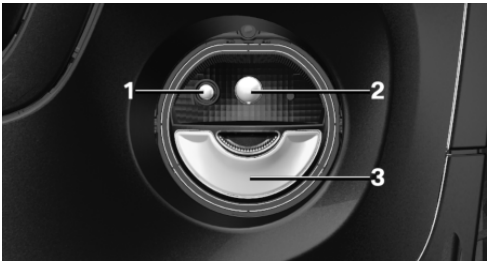
1 Low beams/high beams
2 Turn signal

LED headlamps



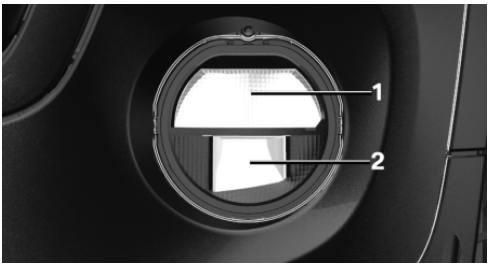
1 Daytime running lights
2 Low beams/high beams
3 Turn signal

Bug light



1 Parking lamps
2 Daytime running lights
3 Fog lamps

LED bug light



1 Parking lamps
2 Fog lamps

Low beams/high beams

Follow the general instructions on Lamps and bulbs, refer to page 187.

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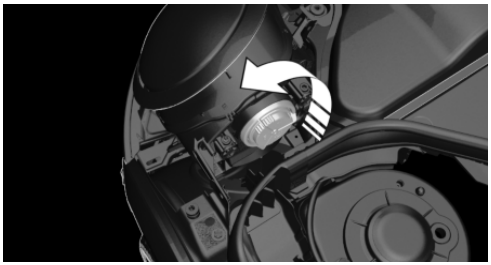
Bulbs: H4

1. Open the hood, refer to page 179.
2. Turn the lid counterclockwise, arrow 1, and remove.



3. Pull off the connector.

4. Unclip spring clip, arrow 1, and fold down.
5. Remove the bulb from the headlamp housing.
6. Insert the new bulb and install the cover in the reverse order.

Turn signal

Follow the general instructions on Lamps and bulbs, refer to page 187.

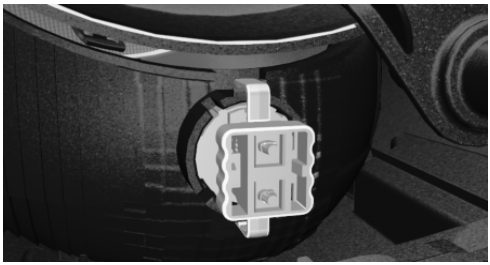
Bulbs: PW24W

With white turn signal lamps: PWY24W

1. Turn the steering wheel.
2. Turn the lid counterclockwise, arrow 1, and remove.

3. Unscrew the inner cap counterclockwise, and remove it.

4. Pull bulb socket out of the bulb housing; if necessary, loosen it with small tilting movements if possible.



5. Pull the bulb out of the fixture.
6. Insert the new bulb and install the cover in the reverse order.

Parking lamps/fog lamps/daytime running lights

Follow the general instructions on Lamps and bulbs, refer to page 187.

Bulbs:

- Parking lamps for halogen headlamps: W5W

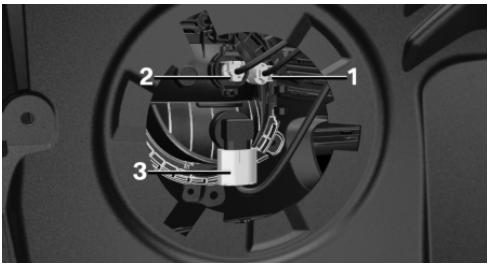
  Parking lamps for LED headlamps: W5W NBV
- Daytime running light: PSX24W
- Fog lamp: H8

1. Turn the steering wheel.
2. Turn the lid counterclockwise, arrow 2, and remove.

3. Remove the corresponding connector.
4. - Remove bulb socket of the parking lamp, arrow 1, by turning it counterclockwise.

     Pull the bulb out of the fixture.
   - Remove the bulb socket of the daytime running lights, arrow 2, by pressing together the top and bottom latch mechanism.

     For better accessibility, if necessary, remove the bulb of the fog lamp beforehand.
   - Turn the bulb socket of the fog lamp counterclockwise, arrow 3, and remove.



5. Insert the new bulbs and install the cover in the reverse order.

   When installing the daytime running lights, audibly latch the bulb socket first at the bottom, then at the top.

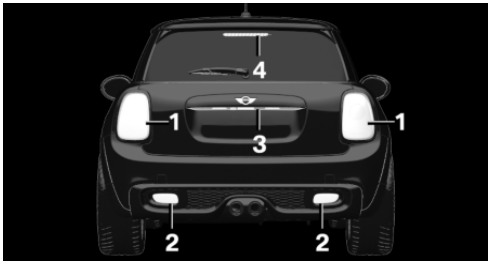
Tail lamps, bulb replacement

At a glance

Vehicles with a rear fog lamp

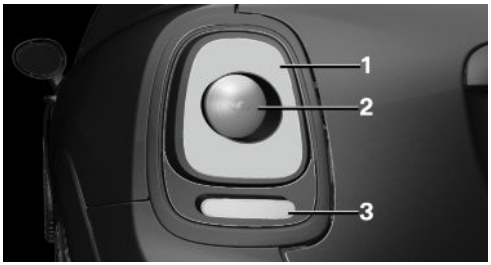
1 Side tail lamps
2 Rear fog lamp
3 License plate lamp
4 High brake lights

Vehicle with two rear fog lamps



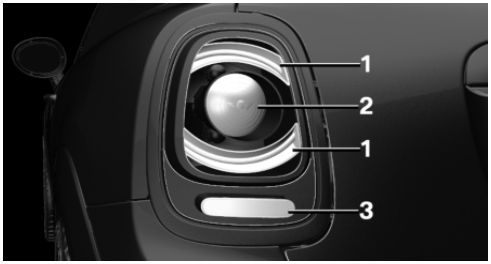
1 Side tail lamps
2 Rear fog lamps
3 License plate lamp
4 High brake lights

Side tail lamps



1 Brake lights/tail lights
2 Turn signal
3 Reversing lights

Side LED tail lamps



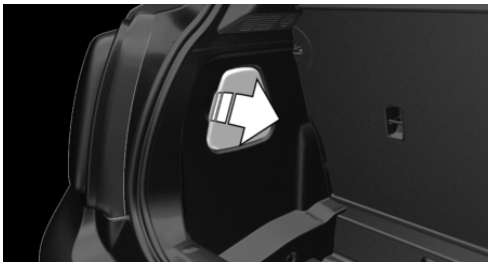
1 Tail lights
2 Turn signal
3 Brake light
4 Reversing lights

Side tail lamps

Follow the general instructions on Lamps and bulbs, refer to page 187.

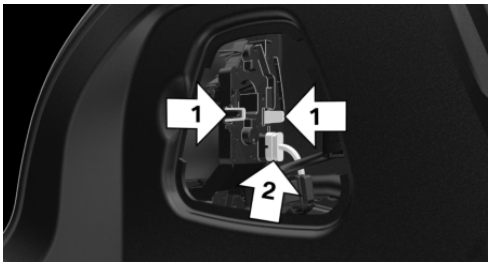
Bulbs: P21W

1. Open the tailgate, refer to page 24.
2. Remove left or right cover.



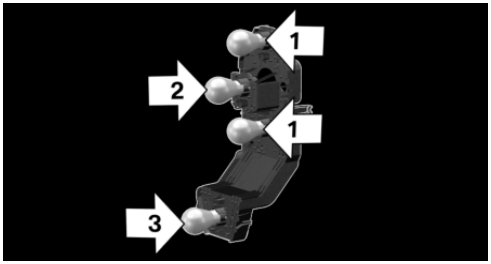
3. Through the opening, loosen the plug connector on the bulb holder.

   Push together the latches and remove the bulb holder.



4. Remove the bulb holder from the opening.
5. Press the defective bulb gently into the socket, turn clockwise and remove.
   - ▷ Arrow 1: brake lights/tail lights
   - ▷ Arrow 2: turn signal

▷ Arrow 3: reversing light



6. Proceed in the reverse order to insert the new bulb and attach the bulb holder. Make sure that the bulb holder engages in all fasteners.

Central brake lamp and license plate lamp

Follow the general instructions on Lamps and bulbs, refer to page 187.

The lamps feature LED technology. Contact your service center in the event of a malfunction.

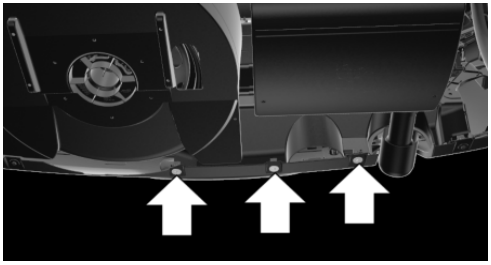
Vehicles with a rear fog lamp

Follow the general instructions on Lamps and bulbs, refer to page 187.

Bulbs: W16W

1. On vehicles with heat shield:

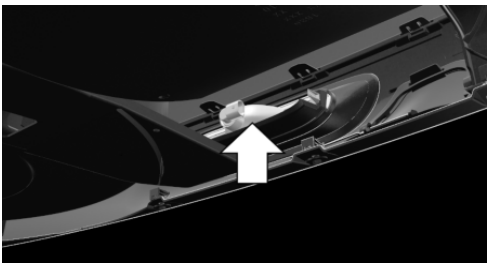
   Loosen 3 screws, arrow.



2. Push the heat shield forward and the bumper back in order to be able to reach the fog lamp.

3. Turn the bulb socket counterclockwise and remove.

   The wire is long enough to guide the socket down and through between any heat shield that may be installed and the bumper.



4. Replace defective bulb.
5. To install the new bulb, proceed in reverse order of removal.

Vehicle with two rear fog lamps

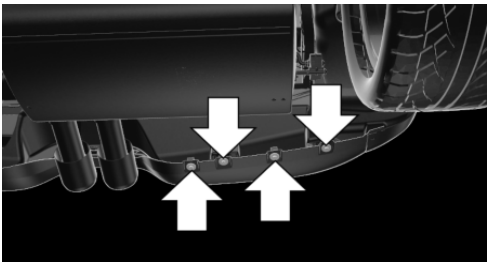
Follow the general instructions on Lamps and bulbs, refer to page 187.

Bulbs: W16W

Left rear fog lamp:

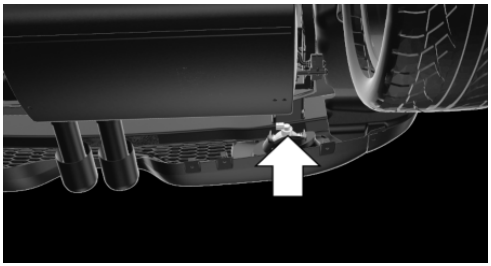
1. On vehicles with heat shield:

   Loosen 3 screws, arrow.



2. Push the heat shield forward and the bumper back in order to be able to reach the fog lamp.
3. Turn the bulb socket counterclockwise and remove.

The wire is long enough to guide the socket down and through between any heat shield that may be installed and the bumper.

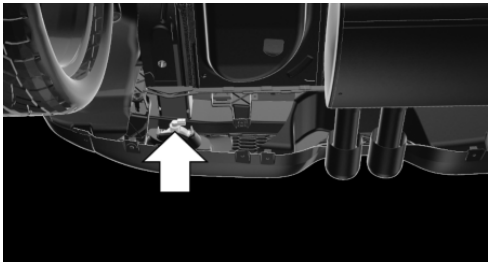


4. Replace defective bulb.
5. To install the new bulb, proceed in reverse order of removal.

Right fog lamp:

1. Turn the bulb socket counterclockwise and remove.

   The wire is long enough to guide the socket down and through between any heat shield that may be installed and the bumper.



2. Replace defective bulb.
3. To install the new bulb, proceed in reverse order of removal.

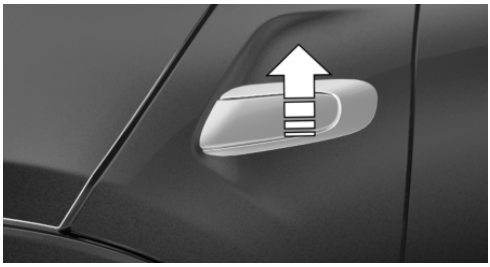
Side turn signal, bulb replacement

Follow the general instructions on Lamps and bulbs, refer to page 187.

Bulbs:

- With orange lens: W5W
- With white lens: WY5W diadem

1. Push turn signal housing up and pull out at the bottom.



2. Turn the bulb socket counterclockwise and remove.

3. Replace the bulb.
4. Proceed in the reverse order to insert the new bulb and install the turn signal housing.

   First hook the turn signal housing to the bottom, then at the top press it into the latch.

CHANGING WHEELS

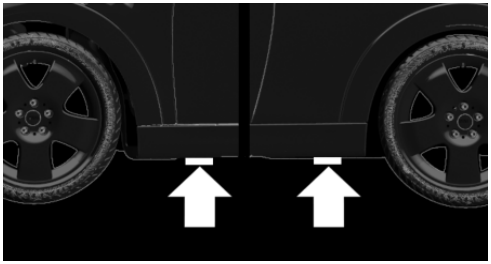
Hints

The vehicle equipment does not include a spare tire.

When using run-flat tires or tire sealants, a tire does not need to be changed immediately in the event of pressure loss due to 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 at the positions shown.

Compact wheel

Hints

Safety measures in case of a breakdown or a wheel change

- Park the vehicle as far away as possible from passing traffic and on solid ground. Switch on the hazard warning system.
- Set the parking brake, and engage first gear or transmission position P.
- Have all vehicle occupants get out of the vehicle and ensure that they remain outside the immediate area in a safe place, such as behind a guardrail.
- If necessary, set up a warning triangle or portable hazard warning lamp at an appropriate distance. Comply with all safety guidelines and regulations.
- Perform wheel change only on a flat, solid and slip-resistant surface. On soft or slippery ground, e.g., snow, ice, tiles, etc., the vehicle or vehicle jack can slip away to the side.
- Do not place wood blocks or similar items under the vehicle jack; otherwise, it cannot reach its carrying capacity because of the restricted height.
- If the vehicle is raised, do not lie under the vehicle and do not start the engine; otherwise, a mortal hazard exists.◄

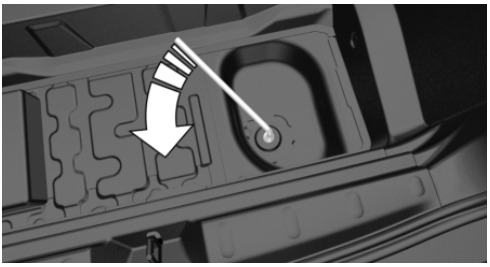
Use the vehicle jack only for changing wheels

Use the vehicle jack only for changing wheels Do not attempt to use it to jack up a different type of vehicle or loads of any kind; otherwise, this could cause material damage and personal injury.◄

Removing compact wheel

The compact wheel is housed in a well on the underbody of the vehicle. The screw connection of the compact wheel is located in the cargo area under the floor mat, on the floor of the storage compartment for the wheel changing set.

1. Loosen the nut from the wheel change set using the wheel wrench.



2. Remove the retaining plate.
3. Screw the wheel wrench on the threads and loosen the lock clockwise rotation.

   Compact wheel releases and must be held with the wheel wrench.

4. Lower the compact wheel with the wheel wrench.

5. Unscrewing the wheel wrench
6. Pull out the well with compact wheel under the vehicle toward the rear.
7. Remove the spacer and compact wheel of the well.
8. Stow the well and spacer in the vehicle.

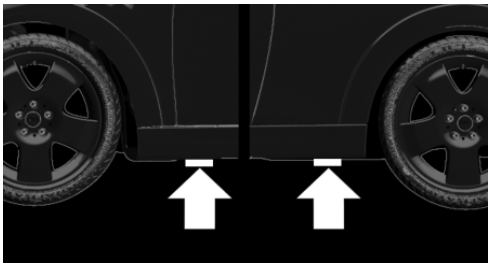
Prepare wheel change

1. Follow the Safety instructions, refer to page 194.
2. With the wheel chock from the wheel change set, also secure the vehicle against rolling away at the front wheel of the opposite side.
3. Loosen the wheel lug bolts a half turn.

   Lug bolt lock, refer to page 196

Jacking up the vehicle

1. Place the vehicle jack at the jacking point closest to the wheel such that the vehicle jack foot is vertically beneath the vehicle jacking point with the entire surface on the ground.



2. Insert the vehicle jack head in the rectangular recess of the jacking point for cranking it up.
3. Crank it up until the wheel in question lifts off of the ground.

Wheel mounting

1. Unscrew the wheel lug bolts and remove the wheel.
2. Put the new wheel or compact wheel on and screw in at least two bolts.

   If original MINI light alloy wheels are not mounted, any accompanying lug bolts also have to be used.
3. Screw in the remaining the lug bolts and tighten all bolts well in a crosswise pattern.
4. Lower the vehicle and remove the vehicle jack.

After the wheel change

1. Tighten the lug bolts crosswise. The tightening torque is 101 lb ft/140 Nm.

   Check for secure seating of the lug bolts

   For safety reasons, have the secure seating of the lug bolts checked with a calibrated torque wrench; otherwise, a safety hazard results from incorrectly tightened lug bolts.◀
2. Stow the defective wheel in the cargo area.

   The defective wheel cannot be stored in the compact wheel bracket because of its size.
3. Check tire inflation pressure at the next opportunity and correct as needed.
4. Reinitialize the Flat Tire Monitor, refer to page 78.

   Reinitialize the Tire Pressure Monitor, refer to page 75.
5. Replace the damaged tires as soon as possible.

Driving with the compact wheel

Watch the speed when driving with the compact wheel

Drive conservatively and do not exceed a speed of 50 mph/80 km/h; otherwise, changed driving characteristics such as reduced lane stability

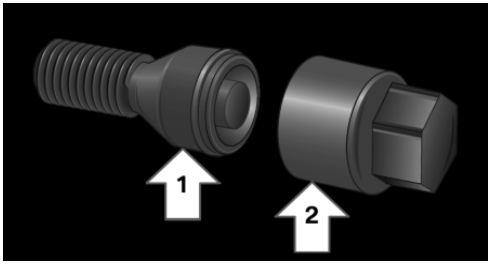
while braking, extended braking distance and changed self-steering properties in the limit area.◄

Mounting only one compact wheel

Only a single compact wheel may be mounted. Reinstall wheels and tires of the original size as quickly as possible; otherwise, there is a safety risk.◄

Lug bolt lock

The adapter of the lug bolt lock is located in the onboard vehicle tool kit, refer to page 186.



- ▷ Lug bolt, arrow 1.
- ▷ Adapter, arrow 2.

Removing

1. Attach the adapter to the wheel lug.
2. Unscrew the lug bolt.

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

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 and that any Check Control messages are no longer displayed.

Charging the battery

Note

Do not plug chargers into the socket

Do not connect battery chargers to the factory-installed sockets in the vehicle as this may damage the battery.◄

General information

Make sure that the battery is always sufficiently charged to guarantee that the battery remains usable for its full service life.

The battery may need to be charged in the following cases:

- ▷ When making frequent short-distance drives.
- ▷ If the vehicle is not used for prolonged periods, longer than a month.

Starting aid terminals

In the vehicle, only charge the battery via the starting aid terminals, refer to page 199, in the engine compartment with the engine off.

Power failure

After a temporary power loss, some equipment needs to be reinitialized.

Individual settings need to be reprogrammed:

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▷ Time: update.

▷ Date: update.

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

Hints

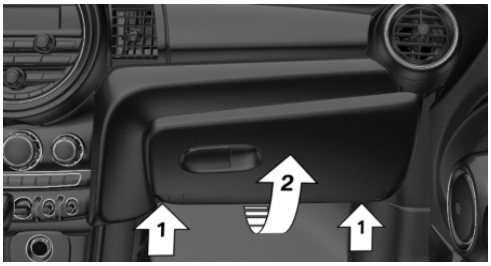
Replacing fuses

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.◀

Replacing fuse

The fuses are located in the passenger footwell under the dashboard.

1. To open, loosen screws, arrow 1.



2. Fold down the fuse holder, arrow 2.

   Information on the fuse types and locations is found on a separate sheet.

3. Replace the fuse in question.

4. The installation is done in reverse order from the removal.

BREAKDOWN ASSISTANCE

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

HAZARD WARNING FLASHERS

The button is located above the radio.

WARNING TRIANGLE

The warning triangle is located in the tailgate. To remove, loosen the brackets.

FIRST AID KIT

The first aid kit is located in the cargo area.

Some of the articles have a limited service life.

Check the expiration dates of the contents regularly and replace any expired 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.

JUMP-STARTING

Hints

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. 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.

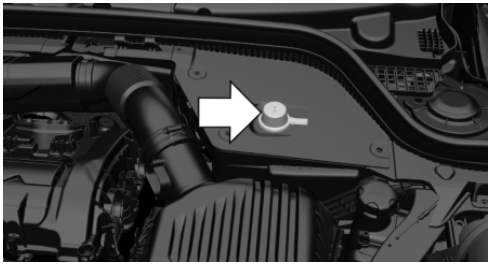
Bodywork contact between vehicles

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

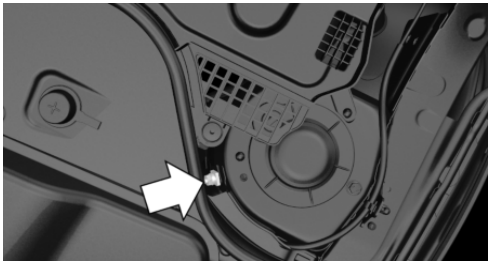
Connecting order

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.

Open the cap of the starting aid terminal.



The body ground or a special nut acts as the battery negative terminal.

Connecting the cables

1. Pull off the cap of the 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 terminal clamp on 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 assisting vehicle.
5. Attach the second terminal clamp 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.

   If the vehicle to be started has a diesel engine: let the engine of the assisting vehicle run for approx. 10 minutes.
2. Start the engine of the vehicle to be started in the usual way.

   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

Note

Tow-starting and towing

When tow-starting and towing the vehicle, switch off the Intelligent Safety systems; otherwise, improper behavior of the braking

function of individual systems could result in an accident.◀

Switching off Intelligent Safety systems, refer to page 79.

Automatic transmission: transporting your vehicle

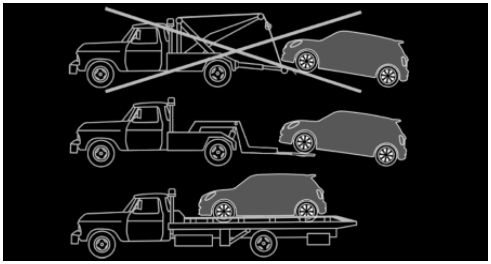
Note

Your vehicle must not be towed if the front wheels are touching the ground. Therefore, contact a service center in the event of a breakdown.

Tow the vehicle only with the front axle raised

Have the vehicle towed only with the front axle raised or transported on a loading platform; otherwise, damage may occur.◀

Tow truck



Have your vehicle 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.◀

Use the tow fitting screwed in at the front for maneuvering the vehicle only.

Manual transmission

Observe before towing your vehicle

Gearshift lever in neutral position.

Towing

When the parking brake is blocked

The parking brake cannot be released manually.

Do not tow the vehicle with the parking brake blocked, or the vehicle can be damaged.

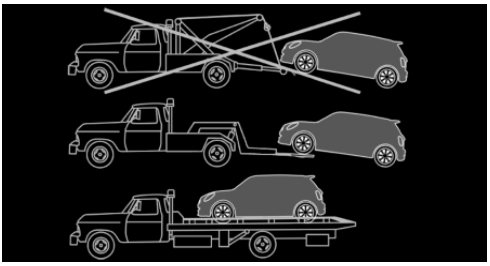
Contact your service center.◀

Follow the towing instructions

Follow all towing instructions; otherwise, vehicle damage or accidents may occur.◀

- Make sure that the ignition is switched on; otherwise, the low beams, tail lamps, turn signals, and windshield wipers may be unavailable.
- Do not tow the vehicle with the rear axle tilted, as the front wheels could turn.
- 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.
- The towing vehicle must not be lighter than the vehicle being towed; otherwise, it will not be possible to control the vehicle response.

Tow truck



Have your vehicle 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.◀

Towing other vehicles

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.◀

- 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.

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:

- Maneuvering capability is limited during cornering.
- The tow bar will generate lateral forces if it is secured with an offset.

Tow rope

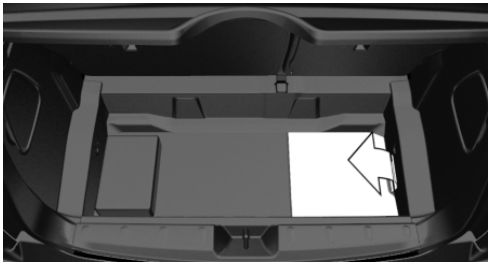
When starting to tow the vehicle, make sure that the tow rope is taut.

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 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 MINI. It is located in the cargo area under the cargo floor panel in the onboard vehicle tool kit, refer to page 186.

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

Threaded holes for the tow fitting are located in the front and rear of the vehicle on the right side with respect to the direction of travel.

Push out the cover by pressing on the top edge.

Tow-starting

Automatic transmission

Do not tow-start the vehicle.

Due to the automatic transmission, the engine cannot be started by tow-starting.

Have the cause of the starting difficulties remedied.

Manual transmission

If possible, do not tow-start the vehicle but start the engine by jump-starting, refer to page 198. 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. Ignition, refer to page 44, on.
3. Engage third gear.
4. Have the vehicle tow-started with the clutch pedal pressed and slowly release the pedal. After the engine starts, immediately press on the clutch pedal 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.

CARE

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

CAR WASHES

Hints

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.

If the vehicle has a glass sunroof, ensure that a distance of at least 31.5 inches/80 cm is maintained. 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 user's manual for the high-pressure washer.◄

Cleaning sensors/cameras with high-pressure washers

When using high-pressure washers, do not spray the exterior sensors and cameras, e.g., Park Distance Control, for extended periods of time and only from a distance of at least 12 in/30 cm.◄

- Regularly remove foreign items such as leaves in the area below the windshield when the hood is raised.
- Wash your vehicle frequently, particularly in winter.

Intense soiling and road salt can damage the vehicle.

Automatic car washes

Hints

- Give preference to cloth car washes or those that use soft brushes in order to avoid paint damage.
- 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.
- Unscrew the rod antenna.
- Deactivate the rain sensor, refer to page 50, to avoid unintentional wiper activation.
- In some cases, an unintentional alarm can be triggered by the interior motion sensor of the alarm system. Follow the instructions on avoiding an unintentional alarm, refer to page 28.

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

In order to ensure that the vehicle can roll in a car wash, take the following steps:

Manual transmission:

1. Drive into the car wash.
2. Shift to neutral.
3. Switch the engine off.
4. Switch on the ignition.

Automatic transmission:

1. Drive into the car wash.
2. Engage transmission position N.
3. Switch the engine off.

   In this way, the ignition remains switched on, and a Check-Control message is displayed.

   Do not turn off the ignition in the car wash

   Do not turn off the ignition in the car wash; otherwise, the transmission position P is engaged and damages can result.◂

To start the engine:

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

Pressing the Start/Stop button without stepping on the brake turns the ignition off.

The vehicle cannot be locked from the outside when in transmission position N. A signal is sounded when an attempt is made to lock the vehicle.

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.

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.

Completely remove all residues on the windows, to minimize loss of visibility due to smearing and to reduce wiper noises and wiper blade wear.

VEHICLE CARE

Car care products

MINI recommends using cleaning and care products from MINI, 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 in areas with elevated air pollution or natural contaminants, such as tree resin or pollen can affect the vehicle's paintwork. Tailor the frequency and extent of your car care to these influences.

Aggressive substances such as spilled fuel, oil, grease or bird droppings must be removed immediately to prevent the finish from being altered or discolored.

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 because soiling on such surfaces is substantially more visible.

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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

When cleaning the vehicle, use only neutral wheel cleaners having a pH value from 5 to 9. Do not use abrasive cleaning agents or steam jets above 140 °F/60 °C. Follow the manufacturer's instructions.

Aggressive, acidic or alkaline cleaning agents can destroy the protective layer of adjacent components, such as the brake disk.

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:

- Imitation leather surfaces.
- Headliner.
- Lamp lenses.
- Instrument cluster cover.
- Matte black spray-coated components.
- Painted parts in the interior.

Clean with a microfiber cloth.

Lightly dampen the cloth with water.

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.

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

No objects in the area around the pedals

Keep floor mats, carpets, and any other objects out of the area of motion of the pedals; otherwise, the function of the pedals could be impeded while driving and create the risk of an accident.

Do not place additional floor mats over existing mats or other objects.

Only use floor mats that have been approved for the vehicle and can be properly fixed in place.

Ensure that the floor mats are securely fastened again after they were removed for cleaning, for example.◄

Floor mats can be removed from the passenger compartment for cleaning.

If the floor carpets are very dirty, clean with a microfiber cloth and water or a textile cleaner. To prevent matting of the carpet, rub back and forth in the direction of travel only.

Sensors/cameras

To clean sensors and cameras, use a cloth moistened with a small amount of glass cleaner.

Cleaning displays and screens

Do not use any chemical or household cleaning agents; otherwise, surfaces can be affected.◄

Keeping out moisture

Keep all fluids and moisture away from the unit; otherwise, electrical components can be damaged.◄

Avoid pressure

Avoid pressing too hard when cleaning and do not use abrasive materials; otherwise, damage can result.◄

Clean with a clean, antistatic microfiber cloth.

Long-term vehicle storage

When the vehicle is shut down for longer than three months, special measures must be taken. Additional information is available from the service center.

FIND ME.

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TECHNICAL DATA

VEHICLE EQUIPMENT

All standard, country-specific and optional equipment that is offered in the model series is described in this chapter. Therefore, equipment is also described that is not available in a vehicle, e. g., because of the selected optional equipment or country variant. This also applies for safety-related functions and systems.

DIMENSIONS

MINI		
Width with mirrors	inches/mm	76.1/1,932
Width without mirrors	inches/mm	68.0/1,727
Height with roof antenna	inches/mm	55.7/1,414
Length	inches/mm	151.1/3,837
Cooper S: length	inches/mm	151.9/3,858
Wheelbase	inches/mm	98.2/2,495
Smallest turning circle diam.	ft/m	35/10.8

WEIGHTS

The values preceding the slash apply to vehicles with manual transmission; the values following the slash apply to vehicles with automatic transmission.

MINI Cooper		
Curb weight, road ready, with 75 kg load, with fuel tank 90 % full, without special equipment	lbs	2,605/2,675
	kg	1,182/1,213
Approved gross vehicle weight	lbs	3,455/3,520
	kg	1,567/1,597
Load	lbs	680
	kg	305
Approved front axle load	lbs	1,905/1,975
	kg	864/896

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MINI Cooper		
Approved rear axle load	lbs	1,665/1,665
	kg	755/755
Approved roof load capacity	lbs	60
	kg	60
Cargo area capacity	cu ft/l	8.7/211

MINI Cooper S		
Curb weight, road ready, with 75 kg load, with fuel tank 90 % full, without special equipment	lbs	2,760/2,795
	kg	1,252/1,268
Approved gross vehicle weight	lbs	3,620/3,650
	kg	1,642/1,656
Load	lbs	770/775
	kg	349/352
Approved front axle load	lbs	2,010/2,045
	kg	912/928
Approved rear axle load	lbs	1,690/1,690
	kg	767/767
Approved roof load capacity	lbs	60
	kg	60
Cargo area capacity	cu ft/l	8.7/211

CAPACITIES

MINI		
Cooper: fuel tank	US gal/liters	10.5/40
Fuel tank	US gal/liters	11.6/44

APPENDIX

Any updates to the Owner's Handbook for Vehicle are listed here.

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LICENSE TEXTS AND CERTIFICATIONS

BLUETOOTH

Europe

Register model name: UK001

Product code: MRBE307A

Hrvatski

Ovim, Alpine, izjavljuje da ovaj tip RADIO UKL zadovoljava bitne zahtjeve i ostale važece odrednice, a sukladno Smjernici 1999/5/EC.

Čeština

Alpine tímto prohlašuje, že tento RADIO UKL je ve shodě se základními požadavky a dalšími príslušnými ustanoveními smernice 1999/5/ES.

Dansk

Undertegnede Alpine erklærer herved, at følgende udstyr RADIO UKL overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

Deutsch

Hiermit erklärt Alpine, dass sich das Gerät RADIO UKL in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.

Eesti

Käesolevaga kinnitab Alpine seadme RADIO UKL vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

English

Hereby, Alpine, declares that this RADIO UKL is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Español

Por medio de la presente Alpine declara que el RADIO UKL cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Ελληνικά

ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Alpine ΔΗΛΩΝΕΙ ΟΤΙ RADIO UKL ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Français

Par la présente Alpine déclare que l'appareil RADIO UKL est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Italiano

Con la presente Alpine dichiara che questo RADIO UKL è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Latviešu

Ar šo Alpine deklarē, ka RADIO UKL atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Lietuvių

Šiuo Alpine deklaruoja, kad šis RADIO UKL atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Nederlands

Hierbij verklaart Alpine dat het toestel RADIO UKL in overeen-stemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

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Malti

Hawnhekk, Alpine, jiddikjara li dan RADIO UKL jikkonforma mal-ħtigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.

Magyar

Alulírott, Alpine nyilatkozom, hogy a RADIO UKL megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.

Polski

Niniejszym Alpine oświadcza, że RADIO UKL jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

Português

Alpine declara que este RADIO UKL está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Русский

Slovensko

Alpine izjavlja, da je ta RADIO UKL v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

Slovensky

Alpine týmto vyhlasuje, že RADIO UKL spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Suomi

Alpine vakuuttaa täten että RADIO UKL tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Svenska

Härmed intygar Alpine att denna RADIO UKL står I överens-stämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som fram-går av direktiv 1999/5/EG.

Íslenska

Hér með lýsir Alpine yfir því að RADIO UKL er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

Norsk

Alpine erklærer herved at utstyret RADIO UKL er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

Українська мова

Taiwan

第十二條
經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
第十四條
低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即
停用，並改善至無干擾時方得繼續使用。
前項合法通信，指依電信法規定作業之無線電通信。
低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

USA (FCC) and Canada (IC)

Register model name: UK002

Product code: MRBE309A

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

Le présent appareil est conforme aux la partie 15 des règles de la FCC et CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles les radioélectriques (RF) de la FCC lignes directrices d'exposition dans le Supplément C à OET65 et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée. Cependant, cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

TIRE PRESSURE MONITORING SYSTEM

Canada

IC: 7812D-S180056

Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

USA

FCC ID: KR5S180052056

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

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

South Korea

Continental S180052056

KCC-CRM-TAL-S180052056

Europe

Declaration of Conformity in accordance with Directive 1999/5/EC (R&TTE Directive)

Manufacturer: Continental Automotive GmbH

Product type designation: S180052056

Intended use: Tire pressure monitoring system

The product mentioned above complies with the essential requirements and other relevant provisions of Directive 1999/5/EC, when used for its intended purpose:

Health and safety pursuant to Art. 3(1)(a):

Applied standard(s):

EN 60950–1:2006 + A11:2009 + A1:2010 + A12:2011

EN 62479:2010

Electromagnetic compatibility pursuant to Art. 3(1)(b):

Applied standard(s):

EN 301 489–1 V1.8.1 (2008–04)

EN 301 489–3 V1.4.1 (2002–08)

Efficient use of spectrum pursuant to Art. 3(2):

Applied standard(s):

EN 300 220–1 V2.3.1 (2010–02)

EN 300 220–2 V2.3.1 (2010–02)

The following marking applies to the above mentioned product:

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DRIVE ME.

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