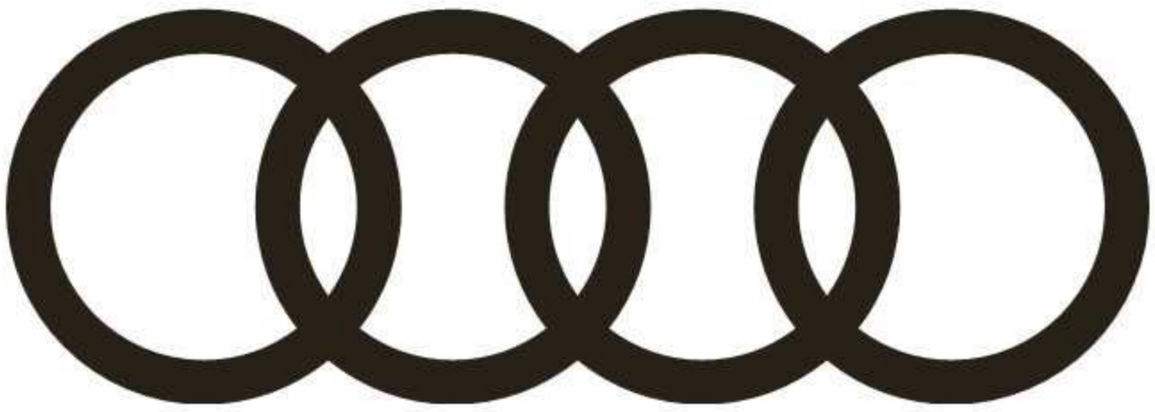


Owner's Manual

2020 Q5

Audi Vorsprung durch Technik

Foreword

Thank you for choosing an Audi – we value your trust in us.

Your new Audi will allow you to experience the best in groundbreaking technology and premium quality equipment that a vehicle has to offer. We recommend that you read your Owner's Manual thoroughly so that you quickly become acquainted with your Audi and make use of all of its features.

In addition to explaining how the different features work, we provide many useful tips and information concerning your safety, how to care for your vehicle, and how to maintain your vehicle's value. We also give you useful tips and information on how to drive your vehicle more efficiently and in an environmentally-friendly manner.

We hope you enjoy driving your Audi and we wish you safe and pleasant motoring.

AUDI AG

WARNING

Operating, servicing and maintaining a passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

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This Owner's Manual applies to all versions of this model. It contains important information, tips, suggestions, and warnings for using your vehicle.

KEEP THIS GUIDE

Keep this manual in your vehicle at all times. This is especially important if you loan your vehicle to others or sell it.

This owner's manual describes the **equipment range** specified for this model at the time of printing. Individual equipment options described may only be available at a later date or may only be offered in certain countries.

Some sections in this manual do not apply to all vehicles. When this is the case, the beginning of the section indicates the **validity**, for example “Applies to: vehicles with cruise control system”. Optional or vehicle-specific equipment is also identified with an asterisk “*”.

The **illustrations** in this manual are a guide. Some of the details in your vehicle may differ from the illustration.

All **directions**, such as “left”, “right”, “front” and “rear”, are based on the vehicle's direction of travel.

* Optional or vehicle-specific equipment

▶ The section continues on the next page.

⇨ ⚠ Cross reference to a “WARNING” within a section. If a page number is indicated, the WARNING is located outside of the section.

WARNING

Text with this symbol contains information about safety and how to reduce the risk of serious personal injury or death.

Note

Text with this symbol contains information about reducing the risk of damage to your vehicle.

For the sake of the environment

Text with this symbol contains information on protecting the environment.

Tips

Text with this symbol contains additional useful information.

Quick access

Cockpit overview

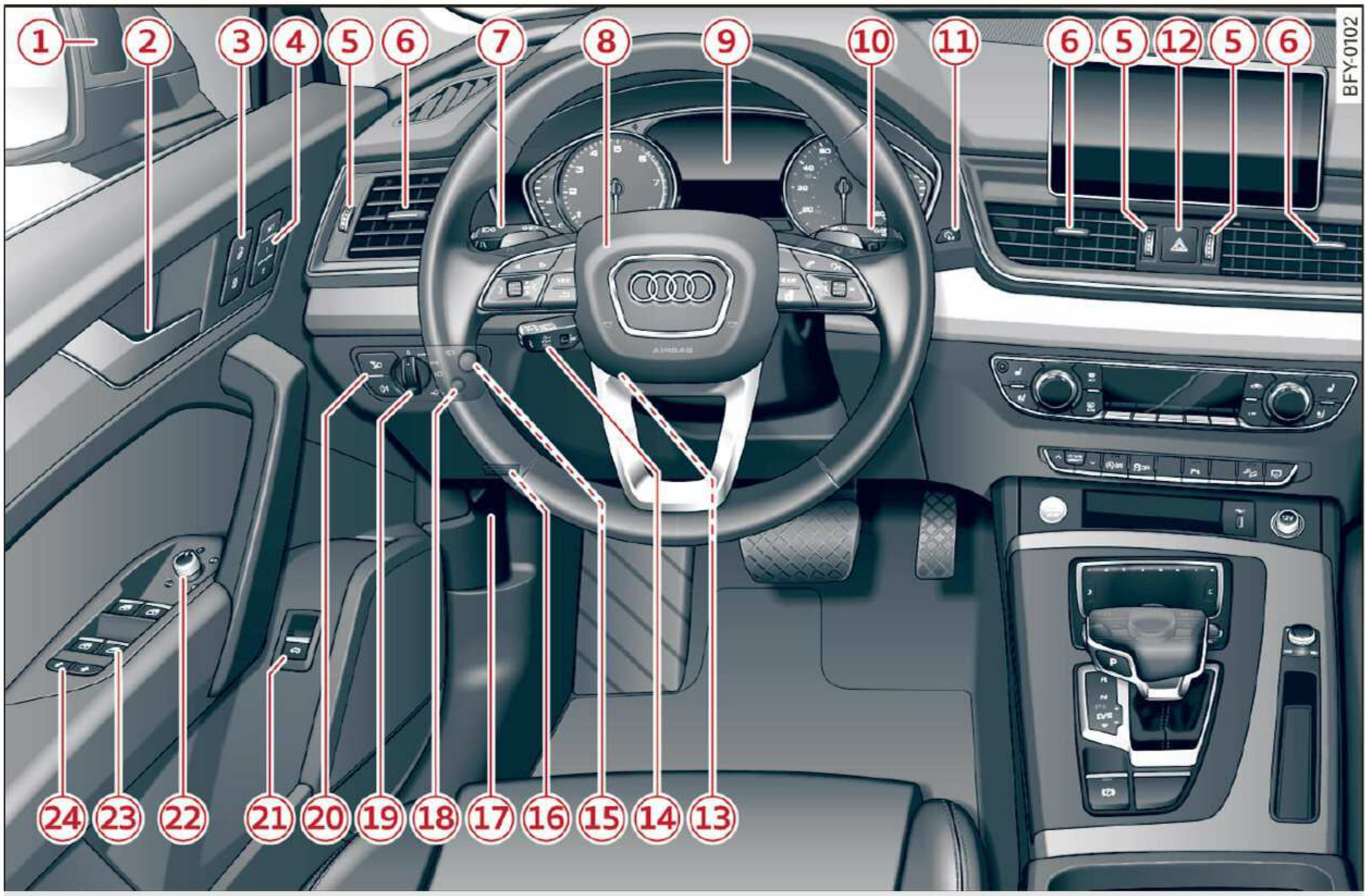


Fig. 1 Cockpit: left section

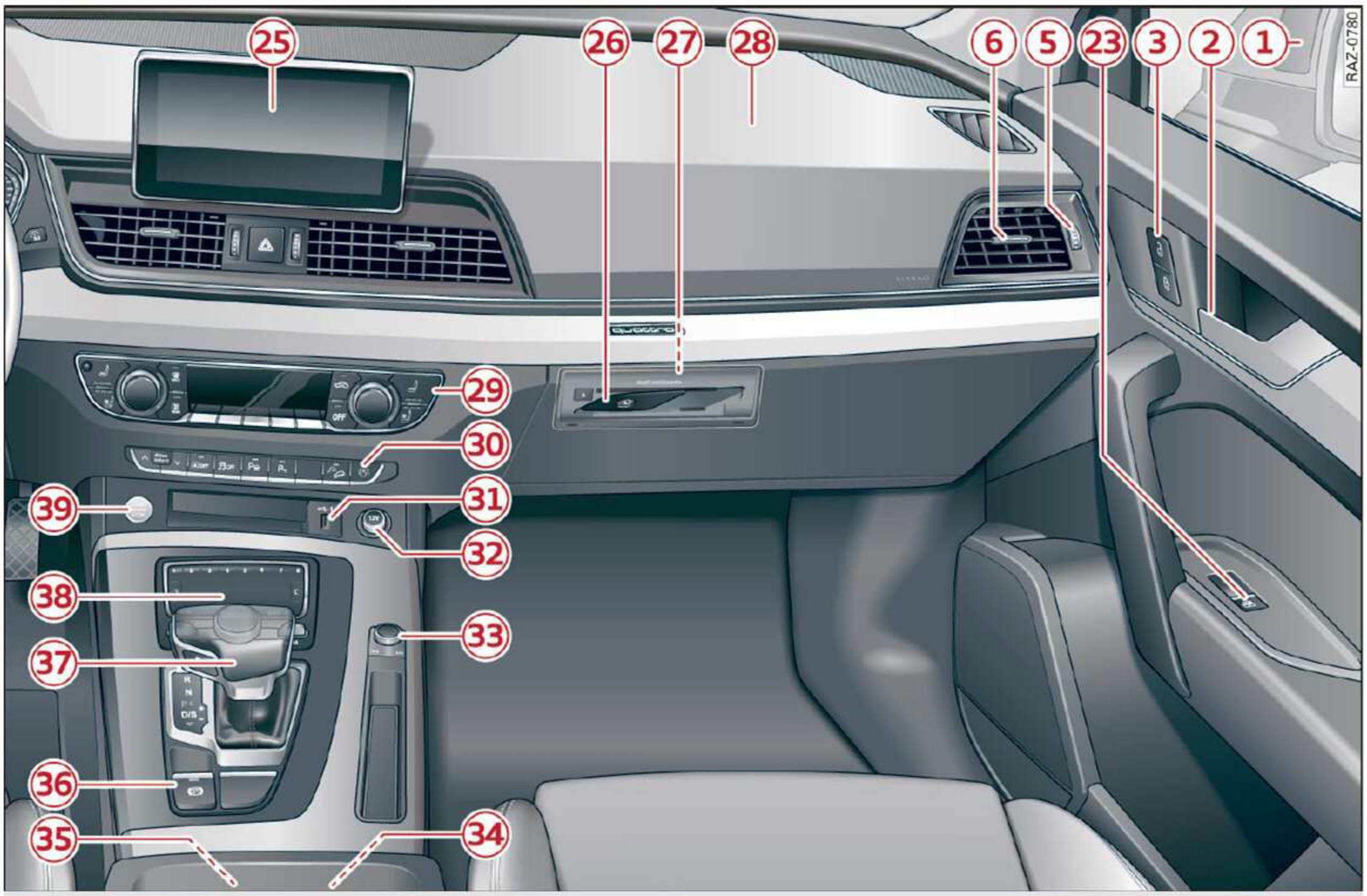


Fig. 2 Cockpit: right section

① side assist displays, warning about exiting the vehicle 140
② Door handle
③ Central locking switch 29
④ Memory buttons 57
⑤ Thumbwheel for vent
⑥ Vent
⑦ Lever for:
– Turn signals and high beams 42
– High beam assistant 42
– Active lane assist 136
– Traffic jam assist 128
⑧ Multifunction steering wheel with:
– Horn
– Driver's airbag 285
– Driver information system controls 17, 20
– Audio/video, telephone, navigation and voice recognition controls 19, 20
– ✳/steering wheel heating button . 19
– Shift paddles 79
⑨ Instrument cluster 14
⑩ Windshield washer system lever . . 48
⑪ Reset trip odometer 17
⑫ Emergency flashers 43
⑬ Steering wheel adjustment, depending on equipment
– Mechanical 57
– Power 57
⑭ Lever for:
– Cruise control system 112
– Adaptive cruise control 121
⑮ Button for switching the head-up display on and off, adjusting the height 24
⑯ Data link connector for On Board Diagnostic System (OBD II) 384
⑰ Hood release 328
⑱ Instrument illumination 45
⑲ Headlight control switch 41
⑳ Buttons for:
– All-weather lights 41
– Rear fog lights 41
㉑ Button for:
– Luggage compartment lid 32
– Fuel filler door release (plug-in hybrid drive) 323
㉒ Power exterior mirror adjustment . 46
㉓ Power windows 37
㉔ Child safety lock 36
㉕ Infotainment system display 169
㉖ Lockable glove compartment 60
㉗ Drives for CD, DVD, SIM cards 242
㉘ Front passenger's airbag 285
㉙ Climate control system 69
㉚ Depending on equipment, buttons for:
– drive select 145
– Hybrid modes EV (plug-in hybrid drive) 83
– Start/Stop system 86
– Electronic Stabilization Control (ESC) 165
– Park assist 158
– Parking system 149
– Hill hold assist 92
– Infotainment system display 169
㉛ Audi music interface 247
㉜ Socket 59
㉝ Infotainment system on/off button . 168
㉞ Center armrest with storage compartment. Depending on vehicle equipment, it may have:
– Cup holder 59
– Audi music interface 247
– Audi phone box 197
㉟ Starting the engine when there is a malfunction 75
㊱ Electromechanical parking brake . . 89
㊲ Automatic transmission selector lever 78
㊳ Infotainment system unit 168
㊴ START ENGINE STOP button 75

Tips

Some the equipment listed here is only installed in certain models or is available as an option.

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Indicator lights overview

Description

The indicator lights in the instrument cluster blink or turn on. They indicate functions or malfunctions.

Messages may appear with some indicator lights. A warning signal will sound at the same time. The indicator lights and messages may be covered by other displays. To show them again, select the second tab for messages with the multifunction steering wheel ⇨ *page 17* or ⇨ *page 20*.

Some indicator lights in the display can display in several colors.

⚠ Central indicator light

If the ⚠ or ⚠ indicator light turns on, check the message in the instrument cluster.

Overview

Some indicator lights turn on briefly as a function check when you switch the ignition on. These systems are marked with a ✓ in the following tables. If one of these indicator lights does not turn on, there is a malfunction in that system.

Your vehicle has either a monochrome display or a multicolored display, depending on vehicle equipment. Some indicator lights appear white on a monochrome display. The ⚠ or ⚠ central indicator light turns on at the same time to indicate the priority of these indicator lights.

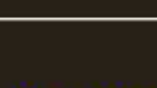
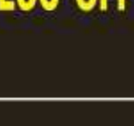
The following indicator lights may be available, depending on the vehicle equipment:

Red indicator lights

	Central indicator light ⇨ *page 10*, Audi pre sense ⇨ *page 131*, instrument cluster ⇨ *page 14*
	Safety belt ⇨ *page 273*
	Engine start system ⇨ *page 76*
	Transmission ⇨ *page 82*
	Drive system ⇨ *page 86*
PARK	Electromechanical parking brake ⇨ *page 89*
	Electromechanical parking brake ⇨ *page 89*
	Brake system ✓ ⇨ *page 90*, ⇨ *page 89*, ⇨ *page 335*
BRAKE	Brake system ✓ ⇨ *page 90*, ⇨ *page 89*, ⇨ *page 335*
	Steering ✓ ⇨ *page 166*
	Air suspension ⇨ *page 23*
	Electrical system ⇨ *page 336*
	Engine oil pressure ⇨ *page 330*
MIN	Engine oil level (MIN) ⇨ *page 330*
	Cooling system ⇨ *page 333*
	Hood ⇨ *page 328*
	Adaptive cruise control ✓ ⇨ *page 123*
	Traffic jam assist ⇨ *page 128*

Yellow indicator lights

	Central indicator light ⇨ *page 10*
	Safety systems ✓ ⇨ *page 269*
	Transmission ⇨ *page 82* ▶

	Drive system ⇨ *page 86*, ⇨ *page 333*
	Vehicle sound ⇨ *page 86*
	Engine start system ⇨ *page 76*
	Keys ⇨ *page 76*
	Electromechanical parking brake ⇨ *page 90*
	Brake system ⇨ *page 89*
	Electronic Stabilization Control (ESC) ⇨ *page 22*
	Electronic Stabilization Control (ESC) ✓ ⇨ *page 22*
	Electronic Stabilization Control (ESC) ⇨ *page 165*
	Anti-lock braking system (ABS) ✓ ⇨ *page 22*
	Anti-lock braking system (ABS) ✓ ⇨ *page 22*
	Steering ⇨ *page 166*

	All wheel drive/sport differential ⇨ *page 23*
	Suspension control ⇨ *page 23*
	Air suspension ⇨ *page 23*
	Engine speed limitation ⇨ *page 16*
	Tank system ⇨ *page 324*
	Electrical system ⇨ *page 336*
	Engine oil level (MIN) ⇨ *page 330*

	Engine oil level (MAX) ⇨ *page 330*
	Engine oil sensor ⇨ *page 330*
	Malfunction Indicator Lamp (MIL) ✓ ⇨ *page 326*
	Engine warm-up request ⇨ *page 330*
	Washer fluid level ⇨ *page 339*
	Windshield wipers ⇨ *page 50*
	Charging system ⇨ *page 100*
	Parking aid ⇨ *page 163*
	Tire pressure ⇨ *page 359*
	Tire pressure ⇨ *page 359*
	Bulb failure indicator ⇨ *page 44*
	Headlight range control system ⇨ *page 44*
	Adaptive light ⇨ *page 44*
	Light/rain sensor ⇨ *page 44*, ⇨ *page 50*
	Driver's door ⇨ *page 30*
	Battery in vehicle key ⇨ *page 27*
	Audi side assist ⇨ *page 145*
	Active lane assist ⇨ *page 137*
	Audi pre sense ⇨ *page 135*
	Emergency call function ⇨ *page 217*

▶

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Other indicator lights

	Start/Stop system ⇨ *page 87*
	Hill descent assist ⇨ *page 92*
	Electric drive ready mode ⇨ *page 83*
	Trailer turn signals ⇨ *page 110*
	Turn signals ⇨ *page 42*, ⇨ *page 43*
	Cruise control system ⇨ *page 113*
	Cruise control system ⇨ *page 113*
	Predictive efficiency assist ⇨ *page 118*
	Predictive efficiency assist ⇨ *page 118*
MPH	Predictive efficiency assist ⇨ *page 118*
km/h	Predictive efficiency assist ⇨ *page 118*
	Predictive efficiency assist ⇨ *page 118*
	Predictive efficiency assist ⇨ *page 118*
	Predictive efficiency assist ⇨ *page 118*
	Adaptive cruise control ⇨ *page 123*
	Adaptive cruise control ⇨ *page 123*
	Adaptive cruise control ⇨ *page 123*
	Adaptive cruise control ⇨ *page 123*
	Adaptive cruise control ⇨ *page 124*, ⇨ *page 119*
	Active lane assist ⇨ *page 137*
	Traffic jam assist ⇨ *page 128*
	High beams ⇨ *page 42*
	High beam assistant ⇨ *page 42*
	Transmission ⇨ *page 82*
	Start/Stop system ⇨ *page 87*
	Convenience key ⇨ *page 76*
PARK BRAKE	Electromechanical parking brake ⇨ *page 90*
	Electromechanical parking brake ⇨ *page 90*
	Hill descent assist ⇨ *page 92*
	Electric drive ready mode ⇨ *page 83*
	Electric drive ready mode ⇨ *page 83*
	combustion engine ⇨ *page 84*
	Plug-in-hybrid modes ⇨ *page 83*
	Plug-in-hybrid modes ⇨ *page 83*
	Steering ⇨ *page 166*
	Air suspension ⇨ *page 23*
	Tank system ⇨ *page 324*
P OFF	Park assist ⇨ *page 161*
AUTO	High beam assistant ⇨ *page 42*
	Child safety lock ⇨ *page 36*
MPH	Speed warning system ⇨ *page 112*

	Speed warning system ⇨ *page 112*
	Camera-based traffic sign recognition ⇨ *page 115*
	Cruise control system ⇨ *page 113*
	Cruise control system ⇨ *page 113*
	Audi side assist ⇨ *page 145*
	Adaptive cruise control ⇨ *page 124*, Traffic jam assist ⇨ *page 129*
	Active lane assist ⇨ *page 137*
	Traffic jam assist ⇨ *page 129*
	Audi pre sense ⇨ *page 135*

Instrument cluster

Instrument cluster overview

The instrument cluster is the central information center for the driver.

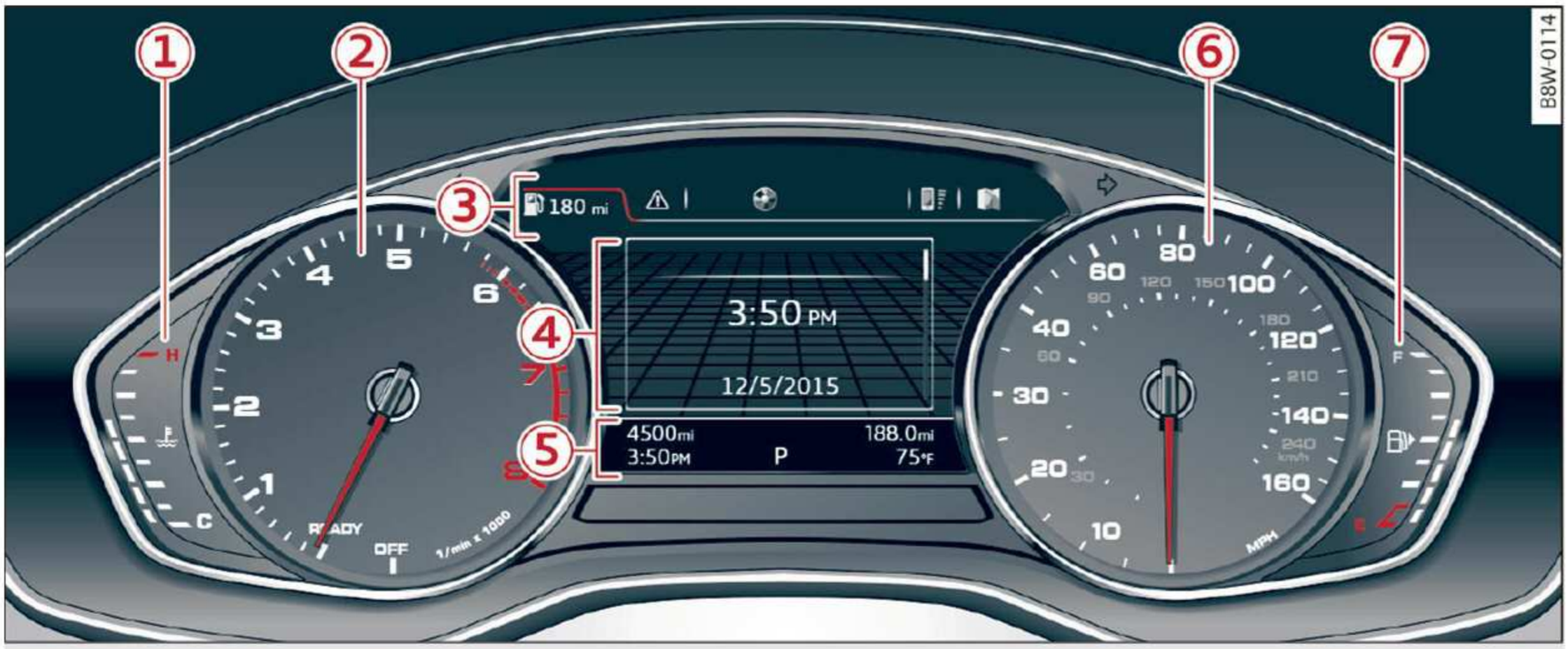


Fig. 3 Instrument cluster overview (analog)



Fig. 4 Instrument cluster overview (Audi virtual cockpit)

Depending on the vehicle equipment, the following items may appear in the instrument cluster:

① Display
- Engine coolant temperature . . 15
- High-voltage battery charge level

② Left dial
- Tachometer 15
- Power meter 16

③ Tab area 17

④ Central area , ... 17, 20

⑤ Status line (one or two lines)

⑥ Right dial
- Convenience display
- Speedometer

⑦ Fuel level 324

⑧ Right additional display with speedometer

⑨ Left additional display with:
- Gear 78
- Audi drive select mode . . . . . 147 ▶

WARNING

Applies to: vehicles with Audi virtual cockpit

If there is a severe malfunction in the instrument cluster, the display may turn off. The indicator light may also turn on. Stop the vehicle safely. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Tips

– The following pages will primarily show illustrations of the multi-color analog instrument cluster*. The display and/or position of the element shown may vary in monochrome instrument clusters or in the Audi virtual cockpit*.
– You can select the units used for temperature, speed, and other measurements in the Infotainment system ⇨ *page 261*.
– Speeds are displayed in mph (miles per hour) or km/h (kilometers per hour).
– If there is a malfunction in the instrument cluster, **DEF** will appear in the trip odometer display. Have the malfunction corrected as soon as possible.
– Certain instrument cluster content can also be displayed in the head-up display* ⇨ *page 24*.
– Depending on vehicle equipment, the instrument illumination (needles and gauges) may turn on when the lights are off and the ignition is switched on. The illumination for the gauges reduces automatically and eventually turns off as brightness outside increases. This function reminds the driver to turn the low beams on at the appropriate time.

Coolant temperature display

Applies to: vehicles with a coolant temperature indicator

The coolant temperature display (1) ⇨ *page 14* only functions when the ignition is switched on. To reduce the risk of engine damage, please observe the following notes about the temperature ranges.

Cold range

If only the LEDs at the bottom of the gauge turn on, the engine has not reached operating temperature yet. Avoid high engine speeds, full acceleration, and heavy engine loads.

Normal range

The engine has reached its operating temperature once the LEDs up to the center of the gauge turn on. If the indicator light in the instrument cluster display turns on, the coolant temperature is too high ⇨ *page 333*.

Note

– Auxiliary headlights and other accessories in front of the air intake impair the cooling effect of the coolant. This increases the risk of the engine overheating during high outside temperatures and heavy engine load.
– The front spoiler also helps to distribute cooling air correctly while driving. If the spoiler is damaged, the cooling effect will be impaired and the risk of the engine overheating will increase. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Tachometer

The tachometer (2) ⇨ *page 14* displays the engine speed in revolutions per minute (RPM). The beginning of the red zone in the tachometer indicates the maximum permissible engine speed for all gears once the engine has been broken in and when it is warm. Before reaching this zone, you should shift into the next highest gear, select the "D/S" selector lever position, or remove your foot from the accelerator pedal.

Displaying the tachometer

Applies to: vehicles with plug-in hybrid drive

▸ Open the first vehicle functions tab using the ◁/ ▷ button on the multifunction steering wheel.
▸ Applies to: vehicles with analog instrument cluster: Select on the multifunction steering wheel: left control button > **Tachometer**.

▸ Applies to: vehicles with Audi virtual cockpit: Select on the multifunction steering wheel: right control button > **Left dial** > **Tachometer** or **Combination view**.

Engine speed limitation

Applies to: vehicles with engine speed limitation

If the indicator light turns on, the engine will be automatically limited to the RPM displayed in the instrument cluster. This will protect the engine components, for example during a cold start or from overheating.

The engine speed limitation deactivates once the engine is no longer in the critical temperature range and you have released the accelerator pedal once.

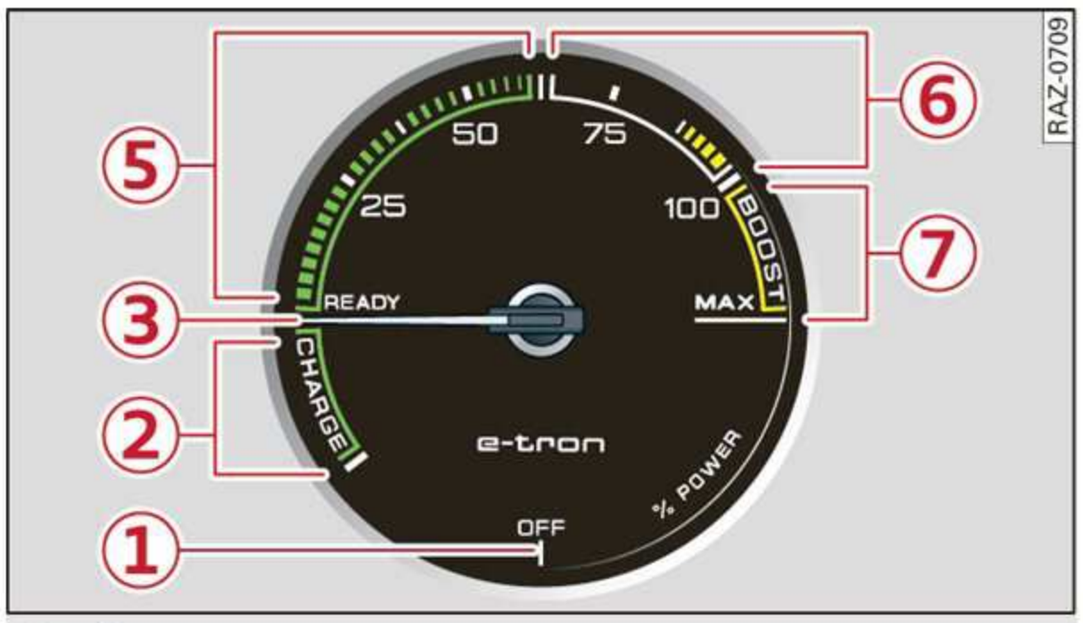
If the engine speed limitation was activated by an engine control malfunction, the indicator light also turns on. Make sure the engine speed does not go above the speed displayed, for example when downshifting. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Note

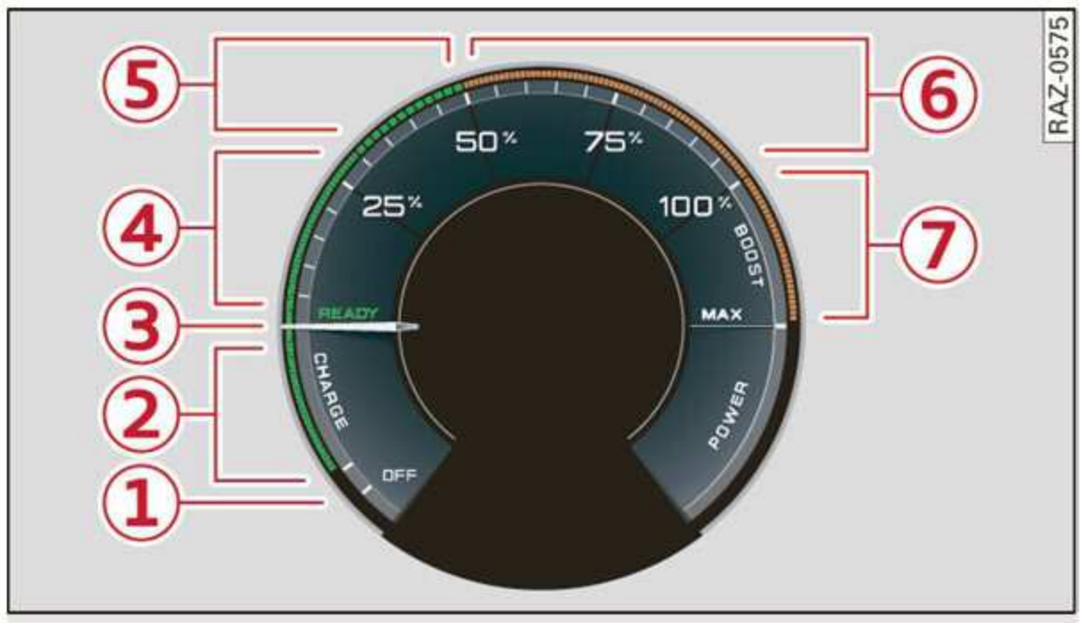
The needle in the tachometer may only be in the red area of the gauge for a short period of time before there is a risk of damaging the engine. The location where the red zone begins varies depending on the engine.

Power meter

Applies to: vehicles with plug-in hybrid drive



Applies to:
Fig. 5 -Vehicles with analog instrument cluster- Instrument cluster: power meter



Applies to:
Fig. 6 -Vehicles with Audi virtual cockpit- Instrument cluster: power meter

Displaying the power meter

Applies to: vehicles with Audi virtual cockpit

▸ Open the first vehicle functions tab using the ◁/ ▷ button on the multifunction steering wheel.
▸ Select on the multifunction steering wheel: right control button > **Left dial** > **Power meter** or **Combination view**.

The power meter ② ⇨ *page 14* gives feedback about the usage capacity of the drive system. The power meter needle displays the current usage capacity.

Applies to: vehicles with Audi virtual cockpit: A colored border indicates how much the drive system can currently be utilized. The colored borders may vary depending on the selected driving program and the electric power currently available.

Depending on the vehicle equipment, the power meter displays the following driving statuses:

① Drive system switched off
② Vehicle recovering electrical energy
③ Drive system switched on
④ Vehicle is driving with the electric motor (green)
⑤ Vehicle is driving with the electric motor, the combustion engine can switch on automatically (green dash)
⑥ Vehicle is driving with the combustion engine (orange)
⑦ Vehicle is driving with maximum power from the electric motor and ▶

combustion engine for a brief period of time

Odometer



Fig. 7 Instrument cluster: odometer and reset button

The trip odometer and odometer are displayed in the status line (5) ⇨ *page 14*.

The trip odometer shows the distance driven since it was last reset. It can be used to measure short distances. The odometer shows the total distance that the vehicle has been driven.

Resetting the trip odometer

▸ To reset the trip odometer to zero, press the 0.0 reset button.

Tips

Distances are displayed in mi (miles) or km (kilometers).

Outside temperature display

The outside temperature is displayed in the status line (5) ⇨ *page 14*.

If your vehicle is stationary or if you are driving at very low speeds, the temperature displayed in the instrument cluster may be slightly higher than the actual temperature outside due to heat radiating from the engine.

At temperatures below 41 °F (+5 °C), a snowflake symbol appears in front of the temperature display ⇨ ⚠.

WARNING

Do not assume the roads are free of ice based on the outside temperature display. Be aware that there may be ice on roads even when the outside temperature is around 41 °F (+5 °C) and that ice can increase the risk of accidents.

Multifunction steering wheel plus

Operating

Applies to: vehicles with multifunction steering wheel plus

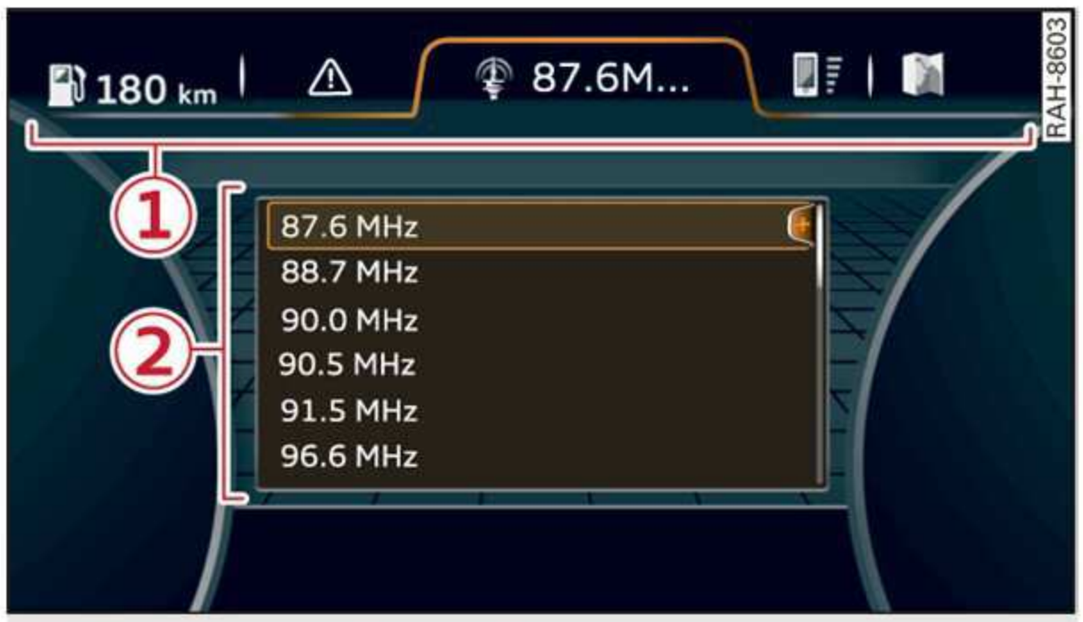


Fig. 8 Instrument cluster: driver information system

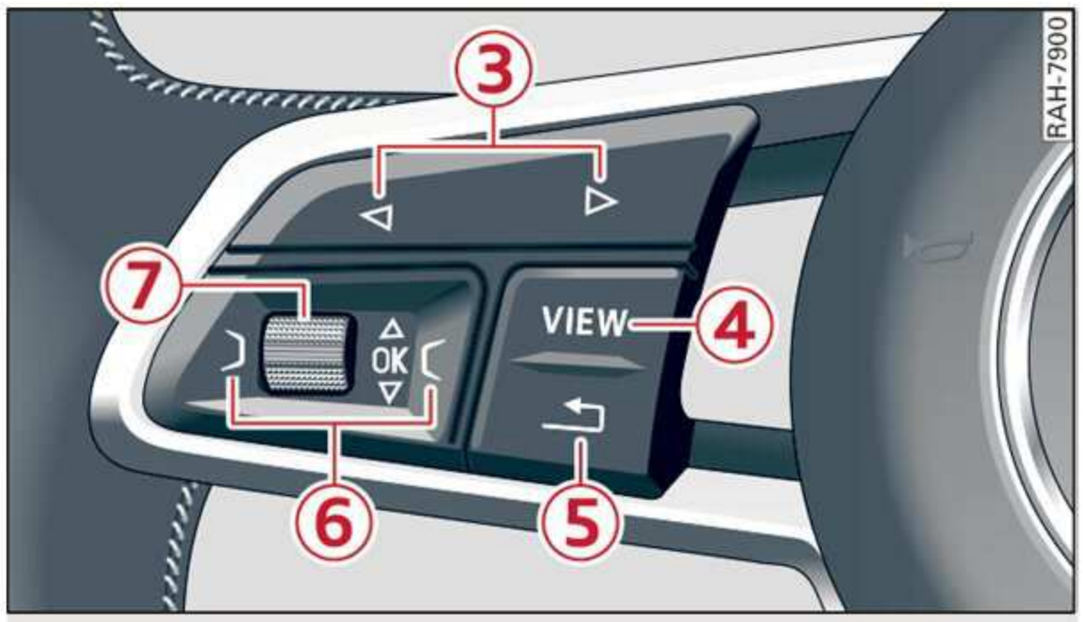


Fig. 9 Left side of multifunction steering wheel

Information is organized within various tabs (1) in the instrument cluster. The tab contents are displayed in the central area (2).

Requirement: the ignition must be switched on.

Selecting a tab

▸ Press the ◁/ ▷ button (3) repeatedly until the desired tab is selected.

Returning to functions at higher levels

▸ Press the ⮌ button (5).

Opening and closing the selection or options menu

► Press the 〕or 〔 control buttons ⑥ ⇨ *page 18*.

Selecting and confirming a function

Requirement: a menu or list must be displayed.

► To select a function, turn the left thumbwheel ⑦ to the desired function.
► To confirm a selection, press the left thumbwheel ⑦.

Switching the view

► Press the VIEW button ④ ⇨ *page 19*.

The following tabs may be available, depending on vehicle equipment:

First tab	Vehicle functions ⇨ *page 21*
Second tab	Driver messages (this is only displayed if at least one indicator light/message is being displayed)
Third tab	Radio ⇨ *page 181*
	Media ⇨ *page 181*
Fourth tab	Telephone ⇨ *page 182*
Fifth tab	Navigation ⇨ *page 183*

Control buttons

Applies to: vehicles with multifunction steering wheel plus

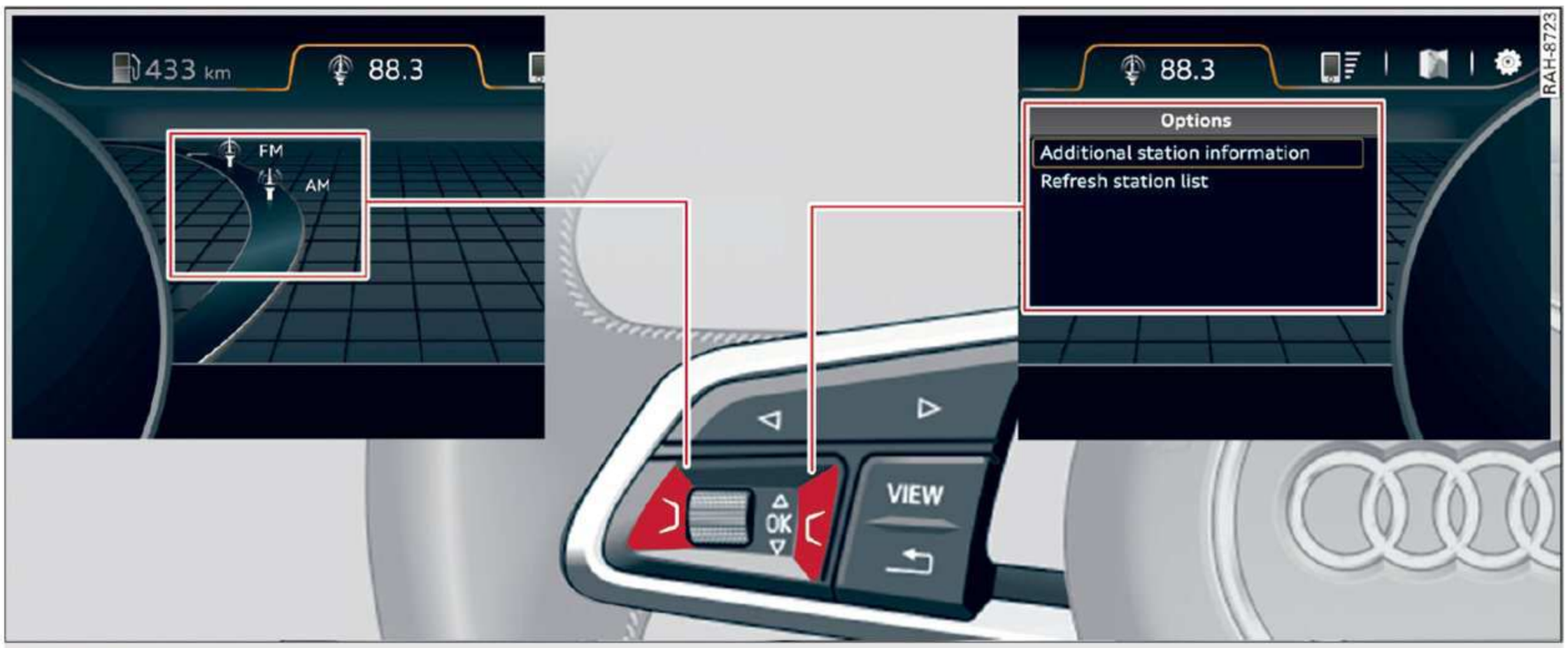


Fig. 10 Selection menu and options menu view

Opening/closing a selection menu

► To open or close the selection menu, press the left control button on the steering wheel ⇨ *fig. 10*. You can select and confirm a function in the selection menu using the left thumbwheel (for example, selecting a frequency band).

Opening/closing the options menu

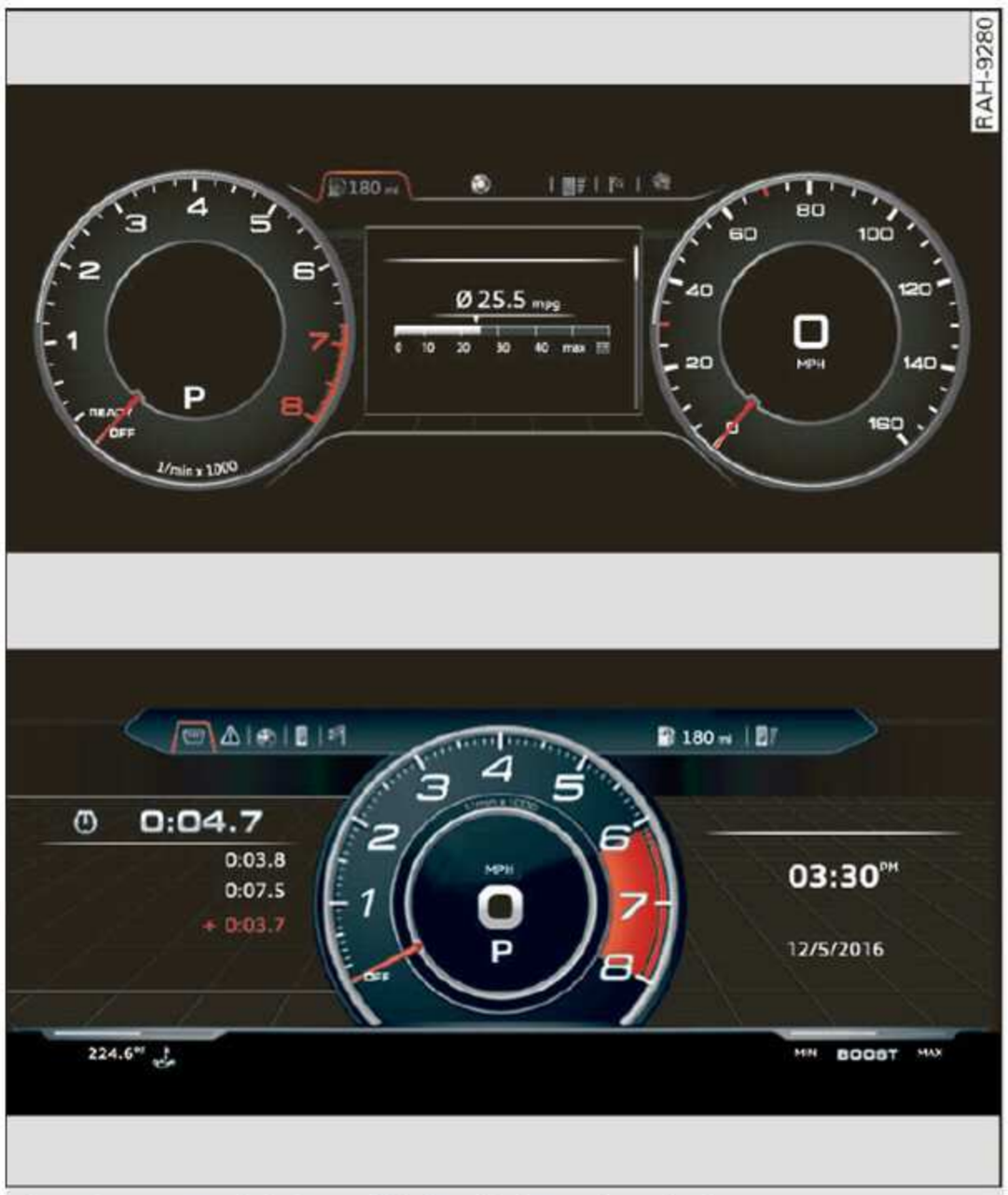
► To open or close the options menu, press the right control button on the steering wheel ⇨ *fig. 10*. You can change any context-dependent functions and settings using the left thumbwheel (for example, additional station information).

Tips

The availability of a selection menu or options menu depends on the function that is selected.

Switching views

Applies to: vehicles with multifunction steering wheel plus



Applies to: vehicles with Audi virtual cockpit

Fig. 11 Default view: classic/sport*



Applies to: vehicles with Audi virtual cockpit

Fig. 12 Enhanced view

Switching the view

Applies to: vehicles with Audi virtual cockpit

- Press the VIEW button ④ ⇨ *page 17, fig. 9* to switch from the default view ⇨ *fig. 11* to the enhanced view ⇨ *fig. 12*. To return to the default view, press the VIEW button again.

Setting the default view

Applies to: vehicles with sport view

Depending on the vehicle equipment, you can choose between the classic and the sport view.

- Open the first vehicle functions tab using the ◁/ ▷ button on the multifunction steering wheel.
- Select on the multifunction steering wheel: left control button > **Layout** > **Sport layout** or **Classic layout**.

Reducing the display

Applies to: vehicles with analog instrument cluster

- Press the VIEW button to switch from the classic to reduced display. To return to the classic display, press the VIEW button again.

Adjusting the additional display

Applies to: vehicles with Audi virtual cockpit

Depending on the vehicle equipment, the additional displays that can be selected may vary.

- Open the first vehicle functions tab using the ◁/ ▷ button on the multifunction steering wheel.
- Select on the multifunction steering wheel: right control button > **Additional display**.
- Select the desired additional display.

Tips

Applies to: vehicles with sport view

Always set the desired default view before driving, because the display functions will not be available for several seconds.

Other function buttons

Applies to: vehicles with multifunction steering wheel plus

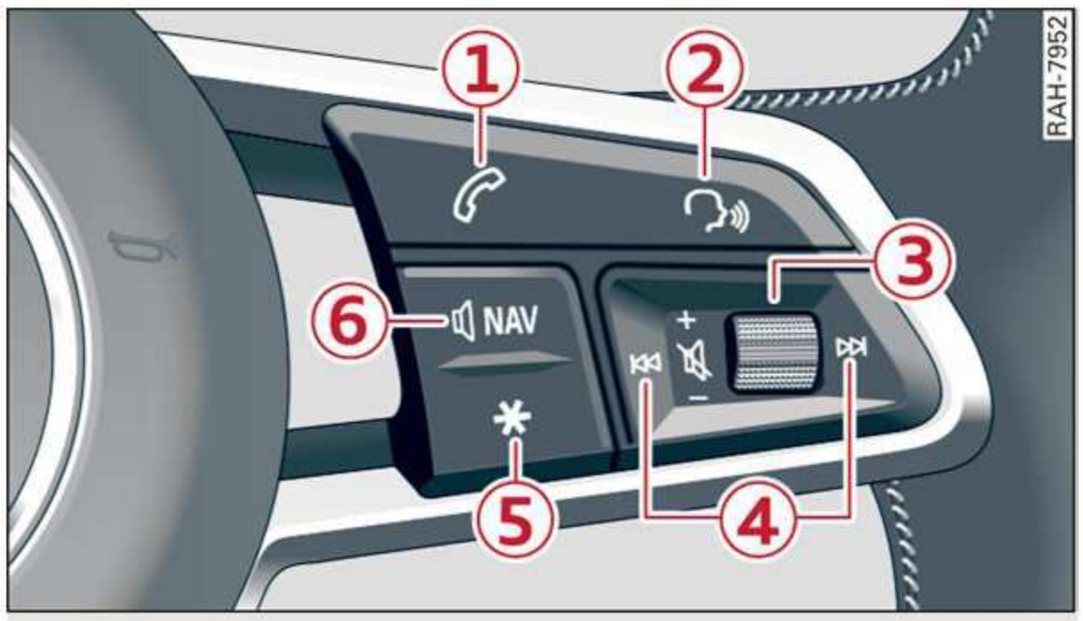


Fig. 13 Right side of the multifunction steering wheel

Using the telephone functions

- To answer a phone call, press the ✆ button ① when there is an incoming call.
- To end a phone call, press the ✆ button when a call is in progress. ▶

- ▸ To open the call list, press the ✆ button when there are no active phone calls or incoming calls.

Using the voice recognition system

- ▸ To turn on the voice recognition system, press the button (2) briefly. Say the desired command after the **Beep**.
- ▸ To turn the voice recognition system off, press and hold the button. **Or**: say the command **Cancel**.

For more information about the voice recognition system, see ⇨ *page 188*.

Adjusting the volume

The volume of an audio source or a system message (such as traffic announcements) can be directly adjusted during the audio output.

- ▸ To increase or decrease the volume, turn the right thumbwheel (3) upward or downward.
- ▸ To mute, press the right thumbwheel.

Selecting the previous/next track or station

- ▸ Press the |◁◁ / ▷▷| button (4).

Fast forward/rewind

- ▸ Press and hold the |◁◁ / ▷▷| button (4) until you reach the desired playback position.

Programmable steering wheel button/ steering wheel heating

Depending on the vehicle equipment, you may be able to operate various functions with the button (5):

- ▸ Steering wheel heating: you can find additional information in ⇨ *page 72*.
- ▸ To bring up the function that is currently set, press the ✳ button.
- ▸ To perform the function that is currently set, press and hold the ✳ button, or:
- ▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Vehicle settings** > **Steering wheel button assignment**.
- ▸ Select and confirm the desired function.

Repeating the navigation prompts

- ▸ Press the NAV (6) button during active route guidance. The previous navigation prompt will be repeated.

Multifunction steering wheel

Operating

Applies to: vehicles with multifunction steering wheel

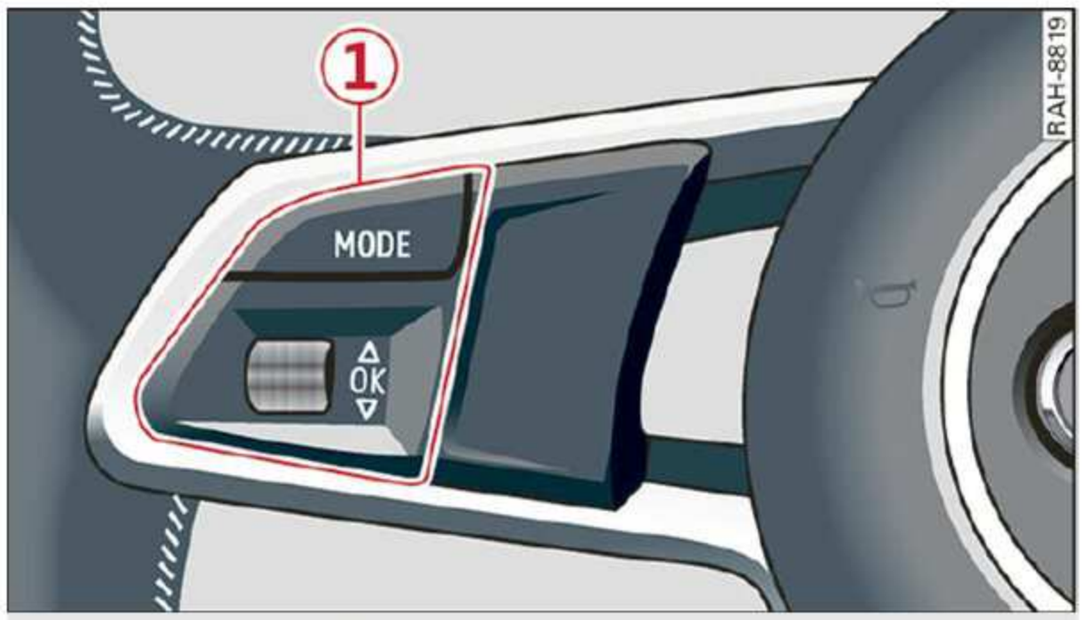


Fig. 14 Left side of multifunction steering wheel

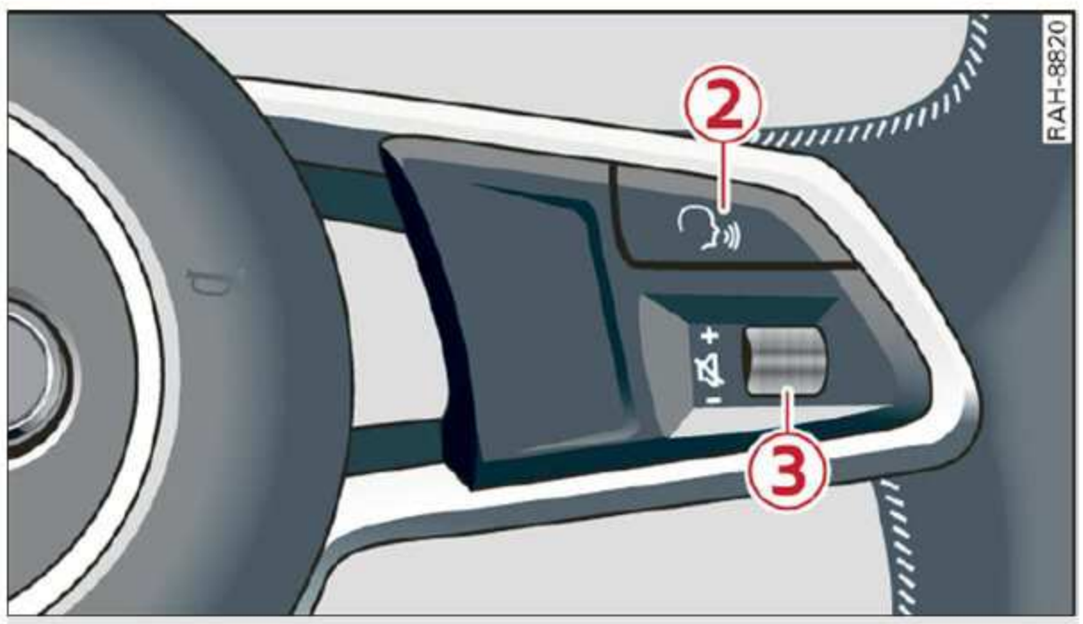


Fig. 15 Right side of the multifunction steering wheel

Information is organized within various tabs (1) ⇨ *page 17, fig. 8* in the instrument cluster. The tab contents are displayed in the central area (2) ⇨ *page 17, fig. 8*.

Requirement: the ignition must be switched on.

Selecting a tab

- ▸ Press the MODE button ⇨ *fig. 14* repeatedly until the desired tab is selected.

Selecting and confirming a function

Requirement: a menu or list must be displayed.

- ▸ To select a function, turn the left thumbwheel to the desired function. ▶

▸ To confirm a selection, press the left thumbwheel.

Using the voice recognition system

▸ To turn on the voice recognition system, press the button briefly ⇨ *fig. 15*. Say the desired command after the **Beep**.
▸ To turn the voice recognition system off, press and hold the button. **Or**: say the command **Cancel**.

For more information about the voice recognition system, see ⇨ *page 188*.

Adjusting the volume

The volume of an audio source or a system message (such as traffic announcements) can be directly adjusted during the audio output.

▸ To increase or decrease the volume, turn the right thumbwheel ③ ⇨ *page 19, fig. 13* upward or downward.
▸ To mute, press the right thumbwheel.

The following tabs may be available, depending on vehicle equipment:

First tab	On-board computer ⇨ *page 21*
Second tab	Driver messages (this is only displayed if at least one indicator light/message is being displayed)
Third tab	Radio ⇨ *page 181*
	Media ⇨ *page 181*
Fourth tab	Telephone ⇨ *page 182*

Vehicle functions

Overview

The trip computer is displayed in the first tab of the driver information system. Additional vehicle functions can be accessed depending on the vehicle equipment.

▸ Press the left control button.

– On-board computer ⇨ *page 21*
– Energy flow ⇨ *page 84*
– Tachometer ⇨ *page 15*
– Lap times ⇨ *page 117*
– Statistics ⇨ *page 118*
– Layout ⇨ *page 19*

Trip computer



Fig. 16 Instrument cluster: fuel consumption display

Resetting values to zero

Requirement: the **Fuel consumption**, **Short-term memory**, or **Long-term memory** display must be selected.

▸ To reset the values in the respective memory to zero, press and hold the left thumbwheel on the multifunction steering wheel for one second. Or
▸ On the multifunction steering wheel, select: the right control button > **Reset values***.

In the trip computer, you can call up the following displays one after the other by turning the left thumbwheel on the multifunction steering wheel:

– Time and date ⇨ *page 261*
– Digital speedometer*
– Plug-in hybrid drive*: Range ⇨ *page 85*
– Average consumption
– Remaining range*
– Short-term memory overview
– Long-term memory overview
– Energy consumers* ⇨ *page 22*
– Driver assistance* ⇨ *page 121*
– Traffic sign recognition* ⇨ *page 114*

The short-term memory collects driving information from the time the ignition is switched on until it is switched off. If you continue driving within two hours after switching the ignition off, the new values are included when calculating the current trip information. ▶

Unlike the short-term memory, the long-term memory is not erased automatically. You can select the time period for evaluating trip information yourself.

Fuel consumption

The current fuel consumption can be shown using a bar graph ⇨ *fig. 16*. The average consumption stored in the short-term memory is also displayed. If the bars are green or the gray tone on the bars changes (depending on the equipment), your vehicle is saving fuel (for example, by using the recuperation function):

Tips

The date, time of day, and time and date format can be set in the Infotainment system ⇨ *page 261*.

Energy consumers

Applies to: vehicles with energy consumers

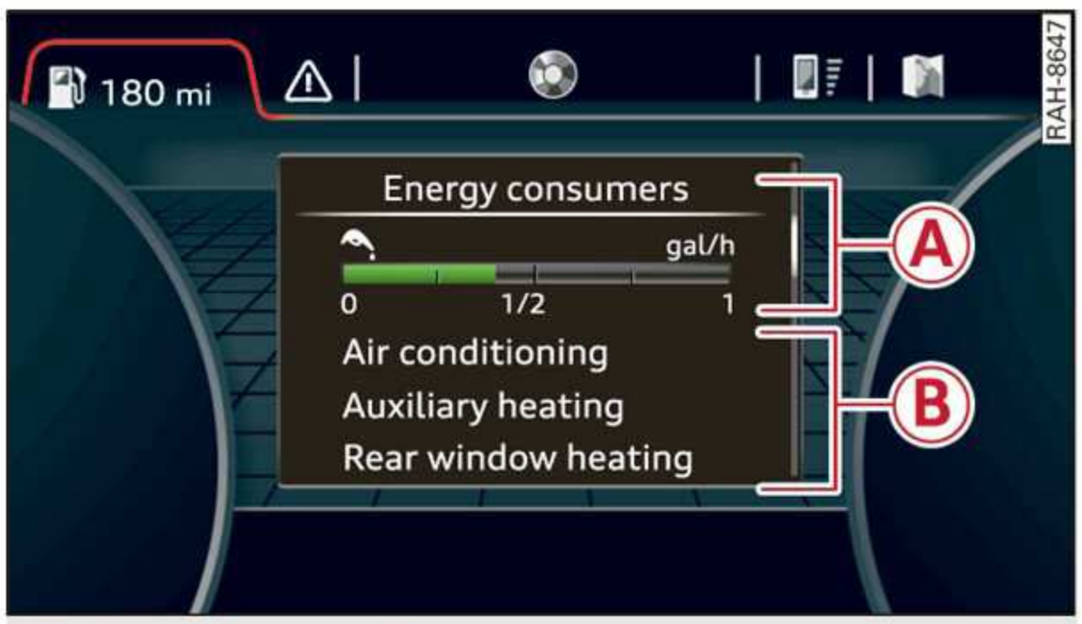


Fig. 17 Instrument cluster: energy consumers

In the **Energy consumers** view, the other equipment that is currently affecting fuel consumption is listed in the first tab (on-board computer). The display shows up to three energy consumers Ⓑ ⇨ *fig. 17*. The equipment using the most power is listed first. If more than three items using power are switched on, the equipment that is currently using the most power is displayed.

A gauge Ⓐ also shows the current total consumption of all other consumers.

Engine oil temperature display and boost indicator

Applies to: vehicles with engine oil temperature display/boost indicator

Applies to: vehicles with analog instrument cluster: The engine oil temperature and boost indicator are only shown in the lap timer display ⇨ *page 117*.

Engine oil temperature indicator

Applies to: vehicles with Audi virtual cockpit: The engine oil temperature is only shown in the enhanced view or in the sport view ⇨ *page 19*.

When engine oil temperatures are low, the display --- °F (--- °C) appears in the instrument cluster.

The engine has reached its operating temperature when the engine oil temperature is between 176 °F (80 °C) and 248 °F (120 °C) under normal driving conditions. The engine oil temperature may be higher if there is heavy engine load and high temperatures outside. This is not a cause for concern as long as the ⇨ *page 330* or ⇨ *page 330* indicator lights do not turn on.

Boost indicator

Applies to: vehicles with Audi virtual cockpit: The boost indicator is only displayed in the sport view ⇨ *page 19*.

The current engine load (meaning the current boost pressure) is indicated by a bar.

Messages

Electronic Stabilization Control (ESC)

If the indicator light blinks while driving, the ESC or ASR (Anti-Slip Regulation) is actively regulating.

If the indicator light turns on, the system has switched the ESC off. In this case, you can switch the ignition off and then on to switch the ESC on again. The indicator light turns off when the system is fully functional.

If the indicator light turns on, ESC was switched off using the OFF button ⇨ *page 165*. ▶

Stabilization control (ESC/ABS): malfunction! See owner's manual

If the indicator lamp and the ABS / ABS indicator lamp turn on and this message appears, the ABS or electronic differential lock is malfunctioning. This also causes the ESC to malfunction. The brakes still function with their normal power, but ABS is not active.

Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Tips

For additional information on ESC and ABS, see ⇨ *page 164*.

Air suspension

Applies to: vehicles with air suspension

Air suspension: service mode! Vehicle can be moved but handling may be impaired

Service mode is activated. Carefully drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the service mode deactivated.

Air suspension: malfunction! You may continue driving slowly at max. XX mph (km/h)

There is a malfunction. Driving stability may be limited. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately. Do not drive faster than the speed given in the message.

Air suspension: malfunction! You can continue driving slowly. Speed limited to max. XX mph (km/h)

There is a malfunction. Driving stability may be limited. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately. The maximum speed has been limited.

Air suspension: vehicle too low. Limited ground clearance

The vehicle ground clearance is very low. Wait until the air suspension system has restored normal ground clearance. Have an authorized Audi dealer or authorized Audi Service Facility repair the malfunction immediately if the indicator light does not turn off after a significant period of time.

Air suspension: malfunction! Please contact Service

There is a malfunction. The driving stability may be limited and the ground clearance may be low. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Suspension control

Applies to: vehicles with suspension control

Suspension: malfunction! You may continue driving

There is a malfunction. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

All wheel drive/sport differential

Applies to: vehicles with all wheel drive/sport differential

All-wheel drive: malfunction! You may continue driving. Please contact Service

Sport differential: malfunction! Please contact Service

Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

All-wheel drive overheating. Please adapt driving style. See owner's manual

Sport differential: temperature too high. Please adapt driving style

The transmission temperature has increased significantly due to the sporty driving manner. Drive in a less sporty manner until the temperature returns to the normal range and the indicator light switches of.

WARNING

Contact an authorized Audi dealer or authorized Audi Service Facility if the all wheel drive/sport differential is faulty or malfunctioning. The repair must be performed by trained personnel using the correct oil in order to ensure safety.

Head-up display

Description

Applies to: vehicles with head-up display



Fig. 18 Instrument panel: knob for the head-up display

The head-up display projects certain warnings or selected information from the assist systems* or navigation system* on the windshield. The display appears within the driver's field of vision.

Switching on and off

- ▸ To switch the head-up display on, press the knob.
- ▸ To switch the head-up display off, press the knob.

Adjusting the height

The height of the display can be adjusted to the individual driver.

- ▸ Make sure you are seated correctly ⇨ *page 269*.
- ▸ Turn the knob to adjust the display.

Settings in the Infotainment system

- ▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Head-up display**.

Display content

In the Infotainment system, you can specify which information should be displayed: For example, this can include navigation information*, adaptive cruise control* or camera-based traffic sign recognition*.

The display of certain information and some of the red indicator lights cannot be hidden in the Infotainment system.

Brightness

You can adjust the display brightness in the Infotainment system. The display brightness decreases automatically as the amount of light decreases. The background brightness is adjusted with the instrument illumination ⇨ *page 45*.

Picture rotation

You can rotate the picture in the Infotainment system clockwise or counterclockwise.

Note

To prevent scratches on the glass covering the head-up display, do not place any objects in the projection opening.

Tips

- – Sunglasses with polarization filters and unfavorable lighting conditions can impair visibility of the display.
- – An optimal display depends on the seat position and the height adjustment of the head-up display.
- – A special windshield is needed for the head-up display function.
- – For information on cleaning, see ⇨ *table Interior cleaning on page 363*.

Opening and closing

Central locking

Description

You can lock and unlock the vehicle centrally. You have the following options:

– Vehicle key ⇨ *page 28*
– Sensors in the door handles* ⇨ *page 29*
– Lock cylinder on the driver's door ⇨ *page 31*, or
– Interior central locking switch ⇨ *page 29*

Vehicle key

The term “vehicle key” refers to the remote control key or convenience key*. The convenience key* is a remote control key with special functions ⇨ *page 28* and ⇨ *page 75*.

Turn signals

The turn signals flash twice when you unlock the vehicle and flash once when you lock the vehicle. If they do not flash when locking, check if all doors and lids are closed.

Automatic locking (Auto Lock)

The Auto Lock function locks all doors and the luggage compartment lid once the speed has exceeded approximately 9 mph (15 km/h). The vehicle will unlock again if the unlock function in the central locking switch is pressed, the “P” gear is engaged, or the ignition is switched off.

You can open the doors individually from the inside by pulling the door handle one time. To open the rear doors individually, you must pull the door handle twice.

In the event of a crash with airbag deployment, the doors will also automatically unlock to allow access to the vehicle.

Selective door unlocking

The doors and luggage compartment lid will lock when they close. You can set in the Infotainment system whether *only* the driver's door or the entire vehicle should be unlocked when unlocking ⇨ *page 30*.

Unintentionally locking yourself out

Only lock your vehicle when all of the doors and the luggage compartment lid are closed and the vehicle key is not in the vehicle. This reduces the risk of locking yourself out accidentally.

The following features help to reduce the risk of locking your vehicle key in the vehicle:

– If the driver's door is open, the vehicle cannot be locked by pressing the button on the vehicle key or by touching the locking sensor* on a door.
– If the vehicle key that was used most recently is inside the luggage compartment, the luggage compartment lid will automatically open again after closing it.
– If the last vehicle key that was used is detected inside the vehicle, it will not be possible to lock the vehicle from the outside for a brief time ⇨ (!).

WARNING

– If you leave the vehicle, switch the ignition off and take the vehicle key with you. This applies particularly when children remain in the vehicle. Otherwise, children could start the engine or operate electrical equipment (such as power windows), which increases the risk of an accident.
– No one, especially children, should stay in the vehicle when it is locked from the outside, because the windows can no longer be opened from the inside ⇨ *page 31*. Locked doors make it more difficult for emergency workers to enter the vehicle, which puts lives at risk.

Note

– If the vehicle key that was last used is detected in the passenger compartment, then the vehicle cannot be locked from the outside. The turn signals will flash several times to indicate this. If you do not open the vehicle to remove the vehicle key within a brief period, then the vehicle will lock automatically. This prevents the vehicle from being left unlocked for long periods of time. ▶

The key will then be locked inside the vehicle.
– If the vehicle key that was used last is detected inside the luggage compartment, it will not be possible to lock the luggage compartment and the luggage compartment lid will reopen. The turn signals will flash several times to indicate this. The doors will lock. Always take the vehicle key with you, or unauthorized persons may be able to enter the vehicle.

Tips

– Do not leave valuables unattended in the vehicle. A locked vehicle is not a safe!
– The LED in the driver's door rail blinks when you lock the vehicle. If the LED turns on for approximately 30 seconds after locking, there is a malfunction in the central locking system. Have the problem corrected by an authorized Audi dealer or authorized Audi Service Facility.

Key set

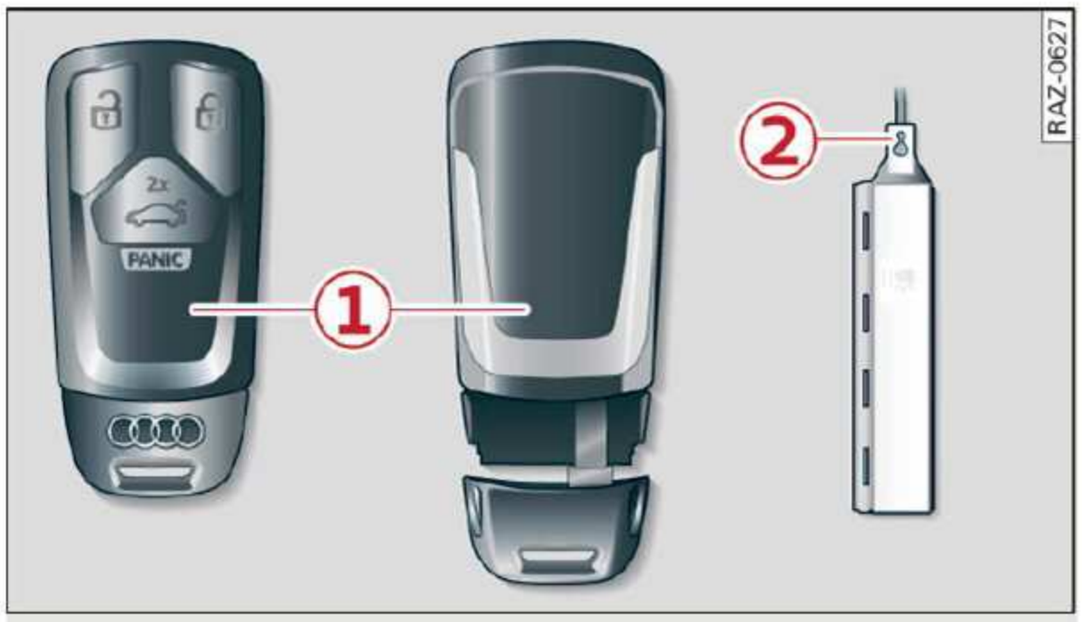


Fig. 19 Your vehicle key set

① Vehicle key

The vehicle key is a remote control key or convenience key*. The convenience key* is a remote control key with special functions ⇨ *page 29* and ⇨ *page 75*. You can unlock or lock your vehicle with the vehicle key. A mechanical key is integrated in the vehicle key ⇨ *page 27*.

② Key tag with vehicle code

Applies to: vehicles with Audi connect vehicle control

Open the key tag and scratch to reveal the vehicle code. You can unlock the Audi connect vehicle control services* for your vehicle with this vehicle code. For additional information, see ⇨ *page 211*. If a key fob is lost, contact an authorized Audi dealer or authorized Audi Service Facility.

Vehicle key replacement

If a key is lost, see an authorized Audi dealer or authorized Audi Service Facility. Have this vehicle key deactivated. It is important to bring all keys with you. If a key is lost, you should report it to your insurance company.

Number of keys

You can check the number of keys programmed to your vehicle in the Infotainment system. To do this, select the MENU button > **Vehicle** > left control button > **Service & checks** > **Vehicle information**. This way, you can make sure that you have all the keys when purchasing a used vehicle.

Electronic immobilizer

The immobilizer prevents unauthorized use of the vehicle.

In some cases, it may not be possible to start the vehicle if there is a vehicle key from a different vehicle manufacturer on the key chain.

Data in the vehicle key

When driving, service and maintenance-relevant data is continuously stored in your vehicle key. Your Audi service advisor can read out this data and tell you about the work your vehicle needs. This applies also to vehicles with a convenience key*.

Personal convenience settings

If two people use one vehicle, it is recommended that each person always uses their own vehicle key. When the ignition is turned off or when the vehicle is locked, personal convenience settings for the following systems are stored and assigned to the vehicle key:

– Climate control system
– Steering wheel heating*
– Central locking system
– Interior lighting*

– Exterior lighting
– Rain sensor
– Memory function*
– Parking aid*
– Adaptive cruise control*
– Active lane assist*
– Side assist*
– Traffic jam assist*
– Distance warning*
– Audi pre sense*
– Speed warning*

The stored settings are automatically recalled when you unlock the vehicle, open the doors or turn on the ignition.

Note

Protect the key against high temperatures and direct sunlight.

For the sake of the environment

Do not dispose of vehicle keys in household trash. They contain materials that can be recycled. Contact an authorized Audi dealer or authorized Audi Service Facility for more information.

Tips

– The vehicle key function can be temporarily disrupted by interference from transmitters near the vehicle working in the same frequency range (such as a mobile device or radio equipment). Always check if your vehicle is locked.
– For an explanation on conformity with the FCC regulations in the United States and the Industry Canada regulations, see ⇨ *page 390*.

Removing the mechanical key

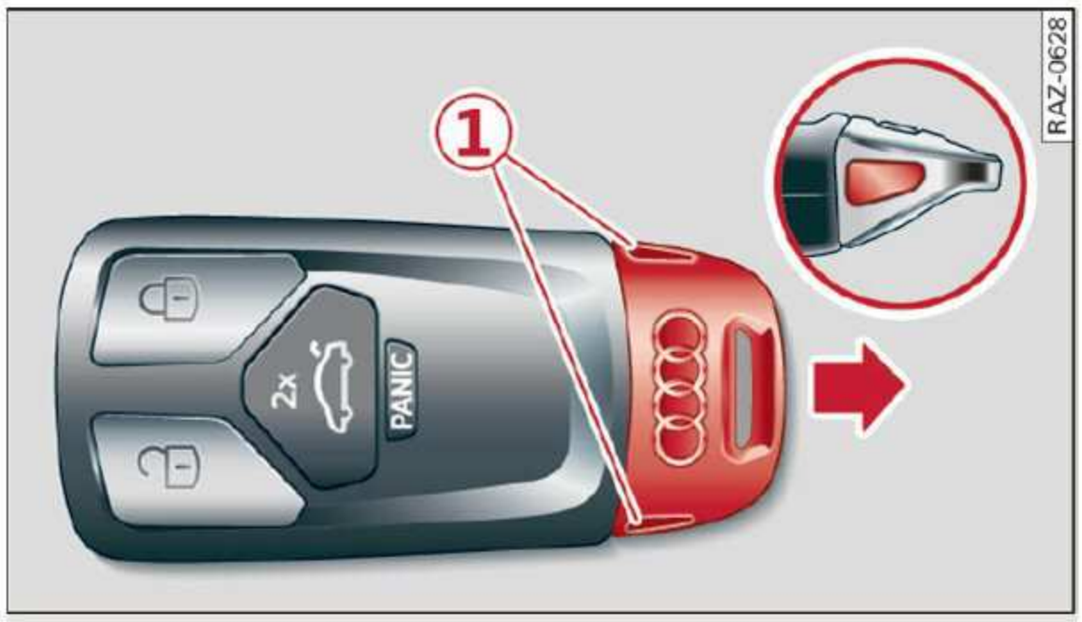


Fig. 20 Vehicle key: removing the mechanical key

▶ Press the release buttons ① ⇨ *fig. 20* and remove the mechanical key from the vehicle key.

Using the mechanical key, you can:

– Lock or unlock the glove compartment.
– Manually lock or unlock the vehicle ⇨ *page 31*.
– Mechanically lock the doors ⇨ *page 31*.

LED and battery in the vehicle key



Fig. 21 Vehicle key: removing the battery holder

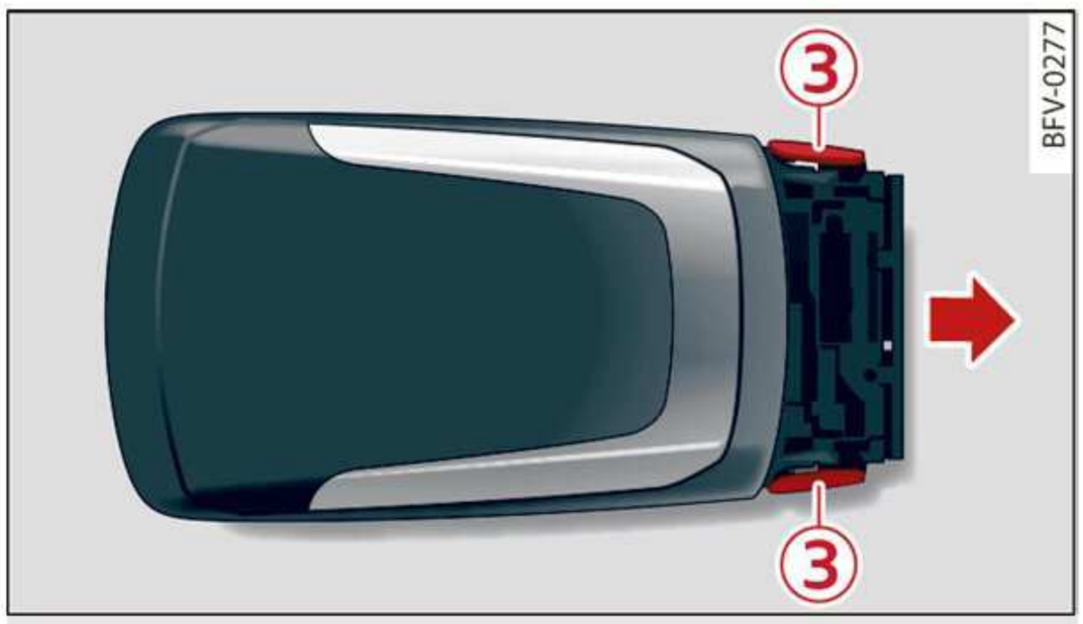


Fig. 22 Vehicle key (rear side): removing the battery holder

LED in the vehicle key

The LED ② indicates the vehicle key function. ▶

- If you press a button briefly, the LED blinks once.
- If you press and hold a button (convenience opening/closing), the LED blinks several times.
- If the LED does not blink, the vehicle key battery is drained. Replace the battery in the vehicle key.

Replacing the vehicle key battery

- Press the release buttons ① ⇨ *fig. 21* and remove the mechanical key.
- Press the release buttons ③ ⇨ *fig. 22* while pulling the battery holder out of the vehicle key in the direction of the arrow.
- Insert the new battery with the “+” facing down.
- Slide the battery holder carefully into the vehicle key.
- Insert the mechanical key.

For the sake of the environment

Discharged batteries must be disposed of using methods that will not harm the environment. Do not dispose of them in household trash.

Tips

Replacement batteries for the vehicle key must meet the same specifications as the original battery.

Unlocking and locking by remote control



Fig. 23 Vehicle key: button programming

- To unlock the vehicle, press the 🔓 button ⇨ *fig. 23*.
- To lock the vehicle, press the 🔒 button **one time** ⇨ ⚠.
- To open the luggage compartment lid, press the 2x button twice ⇨ *page 32* and ⇨ (!) *in Automatic luggage compartment lid on page 34*.
- To trigger the alarm, press the red PANIC button. The vehicle horn and emergency flashers will activate.
- To switch off the alarm, press the red PANIC button again.

If you unlock the vehicle but then do not open any of the doors, the luggage compartment lid, or the hood within a short period time, the vehicle will lock again automatically. This feature prevents the vehicle from being accidentally left unlocked for a long period of time.

The settings in the Infotainment system determine if the entire vehicle or only the driver's door is unlocked when unlocking the vehicle ⇨ *page 30*.

WARNING

No one, especially children, should stay in the vehicle when it is locked from the outside, because the windows can no longer be opened from the inside ⇨ *page 31*. Locked doors make it more difficult for emergency workers to enter the vehicle, which puts lives at risk.

Tips

– Only use the vehicle key when you can see the vehicle.
– The vehicle can only be locked when the selector lever is in the "P" position.
– Do not use the vehicle key to lock and unlock when you are inside the vehicle. Otherwise, you could trigger the anti-theft alarm*. If this happens, press the 🔓 unlock button.
– Only use the panic function in an emergency.

Unlocking and locking with the convenience key

Applies to: vehicles with convenience key

The doors and luggage compartment lid can be unlocked and locked without using the remote control key.



Fig. 24 Door handle: locking the vehicle

Unlocking the vehicle

- ▸ Grip the door handle. The door unlocks automatically.
- ▸ Pull on the door handle to open the door.

Locking the vehicle

- ▸ Select the "P" position. The vehicle cannot be locked if "P" is not selected.
- ▸ To lock the vehicle, close the door and touch the sensor in the door handle **once** ⇨ *fig. 24*. Do not hold the door handle while doing this.

You can unlock/lock the vehicle at every door. The convenience key cannot be more than approximately 4 feet (1.5 m) away from the door handle. The function should not be impaired if the convenience key is in your jacket pocket or in your briefcase, for example.

If you hold the door handle while locking, this can impair the locking function.

The door cannot be opened for a brief period directly after locking it. This way you have the opportunity to check if the doors locked correctly.

The settings in the Infotainment system determine if the entire vehicle or only one of the doors is unlocked when unlocking the vehicle ⇨ *page 30*.

WARNING

Read and following all WARNINGS ⇨ ⚠ *in Description on page 25*.

Tips

If your vehicle is left standing for a long period of time, note the following:

– To prevent the vehicle battery from discharging, the energy management gradually switches off convenience functions that are not needed. You then may no longer be able to unlock your vehicle with the sensors.
– For an explanation on conformity with the FCC regulations in the United States and the Industry Canada regulations, see ⇨ *page 390*.

Tips

Unlocking with the convenience key (keyless access) can be deactivated in the Infotainment system ⇨ *page 30*.

Central locking switch



Fig. 25 Driver's door: central locking switch

- ▸ To lock the vehicle, press the 🔒 button ⇨ ⚠.
- ▸ To unlock the vehicle, press the 🔓 button.

When locking the vehicle with the central locking switch, the following applies:

– The doors and the luggage compartment lid cannot be opened from the outside for security reasons, for example, to reduce the risk of unauthorized entry while stopped at a light.
– The LED in the central locking switch turns on when all doors are closed and locked. ▶

– You can open the doors individually from the inside by pulling the door handle one time. To open the rear doors individually, you must pull the door handle twice.
– In the event of a crash with airbag deployment, the doors unlock automatically to allow access to the vehicle.

WARNING

– The central locking switch also works when the ignition is switched off and automatically locks the entire vehicle when the button is pressed.
– The central locking switch is inoperative when the vehicle is locked from the outside.
– Locked doors make it more difficult for emergency workers to enter the vehicle, which puts lives at risk. Do not leave anyone behind in the vehicle, especially children.
– Read and following all WARNINGS ⇨ ⚠ *in Description on page 25*.

Tips

Your vehicle locks automatically when it reaches a speed of 9 mph (15 km/h) (Auto Lock) ⇨ *page 25*. You can unlock the vehicle again using the button in the central locking switch.

Setting the central locking system

You can adjust the central locking system to your preferences. The settings depend on the vehicle equipment.

▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Vehicle settings** > **Central locking**.

Door unlocking - You can decide if **All** doors or only the **Driver's door** should unlock. The luggage compartment lid also unlocks when **All** is selected. If you select **Driver's door** in a vehicle with a convenience key*, only the driver's door will unlock when you grasp the driver's door handle. If you grasp another door handle, the entire vehicle will be unlocked.

If you select **Driver's door**, all the doors and luggage compartment lid will unlock if you press the button on the vehicle key twice.

Long press to open windows - You can select if all windows and the roof should open using the vehicle key ⇨ *page 37, Convenience opening and closing*. If you press and hold the button on the vehicle key, all of the windows and the roof will close.

Applies to: vehicles with convenience key: **Open with convenience key** – You can deactivate the function for unlocking via the sensor. The function for locking via the sensor will still be enabled ⇨ *page 29*.

Disable rear lid handle - If you select **On**, the luggage compartment lid handle will be locked. In this case, the luggage compartment lid can be opened with the 2x button on the vehicle key or with the unlock button in the driver's door. In vehicles with a convenience key*, you can still open the luggage compartment lid using the handle if an authorized convenience key is near the proximity sensor*.

Fold mirrors - If you select **On**, the exterior rearview mirrors will fold in automatically when you press the button on the vehicle key or touch the sensor* in the handle.

Tone when locking[1)] - If you select **On**, a tone will sound when you lock the vehicle.

Messages

Driver's door: malfunction! Shift to P before leaving vehicle. See owner's manual

There is a malfunction in the driver's door. Select the "P" selector lever position to secure the vehicle.

Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

1) This function is not available in all countries.

Mechanically unlocking and locking the doors

If the central locking fails, you must unlock or lock the doors separately.

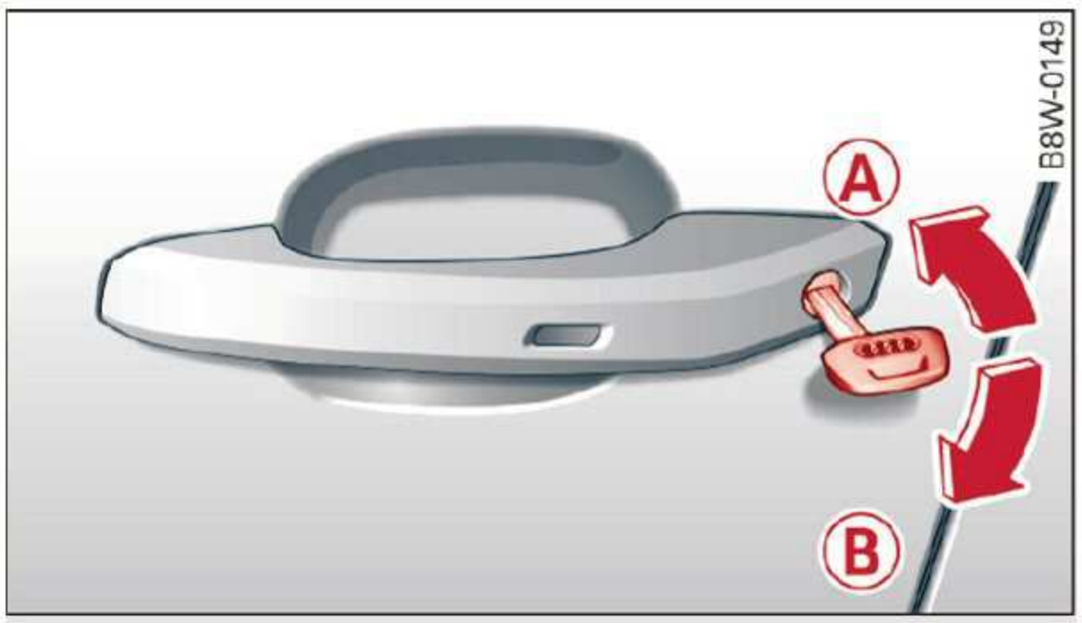


Fig. 26 Driver's door: door lock cylinder



Fig. 27 Door: mechanically locking

Unlocking and locking the driver's door with the mechanical key

- ▸ Remove the mechanical key ⇨ *page 27*.
- ▸ To unlock the driver's door, turn the key to the unlock position Ⓐ ⇨ *fig. 26*.
- ▸ To lock the driver's door, select the "P" position and turn the key **once** to the closing position Ⓑ ⇨ ⚠.

Locking the front passenger's door or rear doors with the mechanical key

The mechanical lock is located on the edge of the front passenger's door and the rear doors. It is only visible when the door is open.

- ▸ Remove the mechanical key ⇨ *page 27*.
- ▸ Remove the cap from the opening ⇨ *fig. 27*.
- ▸ Insert the key in the inside slot and turn it all the way to the right (right door) or left (left door).

⚠ WARNING

Read and following all WARNINGS ⇨ ⚠ *in Description on page 25*.

Anti-theft alarm system

Applies to: vehicles with anti-theft alarm system

If the anti-theft alarm system detects a vehicle break-in, audio and visual warning signals are triggered. The anti-theft alarm system is switched on or off when locking or unlocking your vehicle. If the alarm is triggered, it will shut off automatically after a certain amount of time.

Switching the alarm off manually

- ▸ To switch the alarm off, press the button on the vehicle key or switch the ignition on.

Depending on the vehicle equipment, the anti-theft alarm system may have the following features:

Break-in security feature

The alarm will sound if there is a break-in at the doors, hood, and/or luggage compartment lid.

Interior/towing protection monitor*

The alarm will be triggered if there are movements detected in the vehicle interior (for example, by animals) or if there is a change in the vehicle angle (for example, when the vehicle is being towed).

You can prevent the alarm from being triggered by deactivating the interior/towing protection monitor.

Deactivating the interior/towing protection monitor

There are the following options for deactivating the interior/towing protection monitor:

- ▸ Press the button on the vehicle key a second time **within two seconds**. Or
- ▸ Applies to: vehicles with convenience key: Touch the sensor on the door handle a second time **within two seconds**. Or
- ▸ Turn the mechanical key in the door lock to the close position a second time **within 2 seconds**. ▶

If you lock the vehicle, then the interior/towing protection monitor will stay off until the next time the vehicle is unlocked.

WARNING

No one, especially children, should stay in the vehicle when it is locked from the outside, because the windows can no longer be opened from the inside. Locked doors make it more difficult for emergency workers to enter the vehicle, which puts lives at risk.

Tips

The interior/towing protection monitoring* only functions correctly when the windows and the roof* are closed.

Luggage compartment lid

Opening and closing the luggage compartment lid



Fig. 28 Driver's door: Opening the luggage compartment lid

Opening the luggage compartment lid

- When the ignition is switched off, press and hold the 2x button on the vehicle key twice. Or
- Move the selector lever to the "P" position and pull the button* in the driver's door. Or
- Applies to: vehicles without convenience keys: Unlock the vehicle using the button on the vehicle key and press the handle in the luggage compartment lid. Or
- Applies to: vehicles with convenience key: Press the handle in the luggage compartment lid. The vehicle key cannot be more than approximately 4 feet (1.5 m) away from the luggage compartment.

Closing the luggage compartment lid

- Applies to: vehicles without automatic luggage compartment lid: Use the inside grip to pull the luggage compartment lid down and allow it to close using a gentle push ⇨ ⚠. Or
- Applies to: vehicles with automatic luggage compartment lid: See ⇨ *page 33*.

WARNING

- After closing the luggage compartment lid, make sure that it is latched. Otherwise, the luggage compartment lid could open suddenly when driving, which increases the risk of an accident.
- Never drive with the luggage compartment lid ajar or open, because poisonous gases from the surrounding area can enter the vehicle interior and increase the risk of asphyxiation.
- Never leave your vehicle unattended when the luggage compartment lid is open. A child could climb into the vehicle through the luggage compartment. If the luggage compartment lid was then closed, the child would be trapped in the vehicle and unable to escape. To reduce the risk of injury, do not allow children to play in or around the vehicle. Always keep the luggage compartment lid and the doors closed when the vehicle is not in use.
- Always make sure no one is in the luggage compartment lid's range of motion when it is closing, especially near the hinges. Fingers or hands could be pinched.

Tips

- When the vehicle is locked, the luggage compartment lid can be unlocked separately by pressing the 2x button twice on the vehicle key. The luggage compartment lid locks automatically when it is closed again.
- The settings in the Infotainment system determine if the luggage compartment lid can be opened using the handle ⇨ *page 30*.

Automatic luggage compartment lid

Applies to: vehicles with automatic luggage compartment lid

The luggage compartment lid can be opened and closed electrically.



Fig. 29 Driver's door: opening the luggage compartment lid (example)



Fig. 30 Luggage compartment lid: Ⓐ closing button, Ⓑ lock button (vehicles with convenience key*)

Opening the luggage compartment lid

- ► Press the 2x button on the vehicle key twice. Or
- ► Press the handle in the luggage compartment lid. The vehicle key cannot be more than approximately 4 feet (1.5 m) away from the luggage compartment. Or
- ► Move the selector lever to the "P" position and pull the button* in the driver's door.

Closing the luggage compartment lid

- ► When the ignition is switched on, pull the switch in the driver's door until the luggage compartment lid is closed ⇨ ⚠. Or
- ► Press the button in the luggage compartment lid ⇨ *fig. 30*. The luggage compartment lid will automatically lower and close ⇨ ⚠. Or
- ► Applies to: vehicles with convenience key: Press and hold the 2x button on the vehicle key until the luggage compartment lid is closed ⇨ ⚠. Make sure there is enough distance between you and the luggage compartment lid. There should be a maximum 9 feet (3 m) of distance. Or
- ► Applies to: vehicles with convenience key: Press the button in the luggage compartment lid ⇨ *fig. 30*. The vehicle key must not be more than approximately 4 feet (1.5 m) away from the luggage compartment and it must not be inside the vehicle. The luggage compartment lid will automatically lower and close. The vehicle locks ⇨ ⚠. Or
- ► Lightly pull the luggage compartment lid using the inner grip. The luggage compartment lid will automatically lower and close ⇨ ⚠. Or
- ► Press the handle in the luggage compartment lid. The luggage compartment lid will automatically lower and close ⇨ ⚠.

Storing the luggage compartment lid opening position

- ► Bring the luggage compartment lid into the desired open position. The position must be at a certain height or higher to store.
- ► Press and hold the button in the luggage compartment lid for at least four seconds to store the new open position. A visual and audio signal will follow.
- ► To set a higher open position, wait at least five seconds and then carefully press the luggage compartment lid upward.
- ► Press and hold the button again for at least four seconds to store the desired opening position.

The opening or closing process will stop immediately if:

– You pull or release the switch in the driver's door, or:
– Applies to: vehicles with convenience key: You press the 2x button on the vehicle key, or
– Applies to: vehicles with convenience key: You press the or button in the luggage compartment lid, or
– You push the handle in the luggage compartment lid, or:
– If something blocks the luggage compartment lid or makes it difficult for the lid to move. ▶

If you press the handle or one of the or buttons (vehicles with convenience key*) now, the luggage compartment lid will either open or close, depending on its angle.

WARNING

- After closing the luggage compartment lid, make sure that it is latched. Otherwise, the luggage compartment lid could open suddenly when driving, which increases the risk of an accident.
- Pay careful attention when closing the luggage compartment lid. Otherwise, you could cause serious injury to yourself or others despite the pinch protection.
- To reduce the risk of injuries by pinching, always make sure that no one is in the operating area of the luggage compartment lid, including the hinge areas and the upper and lower edge of the luggage compartment lid.
- Never drive with the luggage compartment lid ajar or open, because poisonous gases from the surrounding area can enter the vehicle interior and increase the risk of asphyxiation.
- If there is a luggage rack (such as a bicycle rack) on the luggage compartment lid, the luggage compartment lid may not open completely under certain circumstances or it could close by itself if open due to the extra weight. Therefore, the open luggage compartment lid must be given additional support or the cargo must first be removed from the luggage rack.

Note

The luggage compartment lid can bump into objects such as the garage ceiling when opening and become damaged.

Tips

- The settings in the Infotainment system determine if the luggage compartment lid can be opened using the handle ⇨ *page 30*.

- There are audible signals when closing the luggage compartment lid with the vehicle key (vehicles with convenience key*) or with the button in the driver's door.
- When the vehicle is locked, the luggage compartment lid can be unlocked separately by pressing the 2x button twice on the vehicle key. The luggage compartment lid locks automatically when it is closed again.
- Applies to: vehicles with convenience key: You can close the luggage compartment lid using the vehicle key from up to approximately 9 feet (3 m) away.
- The luggage compartment lid can be operated manually if the vehicle battery is low. It is necessary to use more force when doing this. Move the lid slowly to reduce the amount of force needed.
- When the trailer socket is being used (for example, for a bicycle rack), the luggage compartment lid can be opened and closed using the handle or the foot motion activation (vehicles with convenience key*).

Opening and closing the luggage compartment lid with foot motion (kicking movement)

Applies to: vehicles with sensor-controlled luggage compartment lid



Fig. 31 Rear of the vehicle: foot movement

You can open and close the luggage compartment lid with foot motion activation[1)].

Requirements: you must be carrying your convenience key* with you. You must be standing at the center behind the luggage compartment lid. The ▶

1) The closing function applies to vehicles that also have automatic luggage compartment lid operation.

ignition must be switched off. Make sure you have firm footing.

– Move your foot back and forth under the bumper one time ⇨ *fig. 31*. Do not touch the bumper. The luggage compartment lid will open or close once the system detects the movement.

The luggage compartment lid will only open or close if you perform the movement as described. This prevents the luggage compartment lid from opening or closing due to similar movements, such as when you walk between the rear of the vehicle and your garage door.

The closing of the luggage compartment lid is indicated by a warning signal and can be canceled by making the described movement again.

The foot movement does not lock the vehicle.

General information

In some situations, the function may be limited or temporarily unavailable. This may happen if:

– The luggage compartment lid was closed or opened immediately before
– You park close to a hedge and the branches move back and forth under the vehicle for a long period of time
– You clean your vehicle, for example with a pressure washer or in a car wash
– There is heavy rain
– The bumper is very dirty, for example after driving on salt-covered roads
– There is interference to the vehicle key's radio signal, such as from mobile devices or remote controls

WARNING

– Pay careful attention when closing the luggage compartment lid. Otherwise, you could cause serious injury to yourself or others despite the pinch protection.
– To reduce the risk of injuries by pinching, always make sure that no one is in the operating area of the luggage compartment lid, including the hinge areas and the upper and lower edge of the luggage compartment lid.
– Never drive with the luggage compartment lid ajar or open, because poisonous gases from the surrounding area can enter the vehicle interior and increase the risk of asphyxiation.
– If there is a luggage rack (such as a bicycle rack) on the luggage compartment lid, the luggage compartment lid may not open completely under certain circumstances or it could close by itself if open due to the extra weight. Therefore, the open luggage compartment lid must be given additional support or the cargo must first be removed from the luggage rack.

Mechanically unlocking the luggage compartment lid

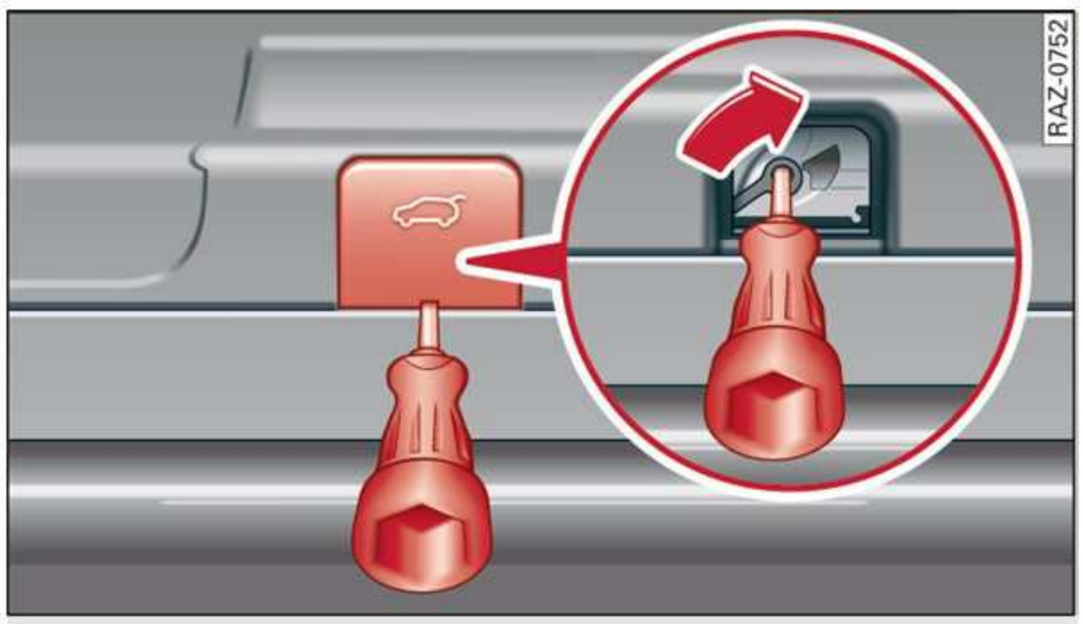


Fig. 32 Inner luggage compartment lid: access to the emergency release

▸ Remove the screwdriver from the vehicle tool kit.
▸ Use the screwdriver to pry the cover off ⇨ *fig. 32*.
▸ Press the lever in the direction of the arrow using the screwdriver to release the luggage compartment lid.

Child safety lock

The child safety lock prevents the rear doors from being opened from the inside and the rear power windows from being operated.

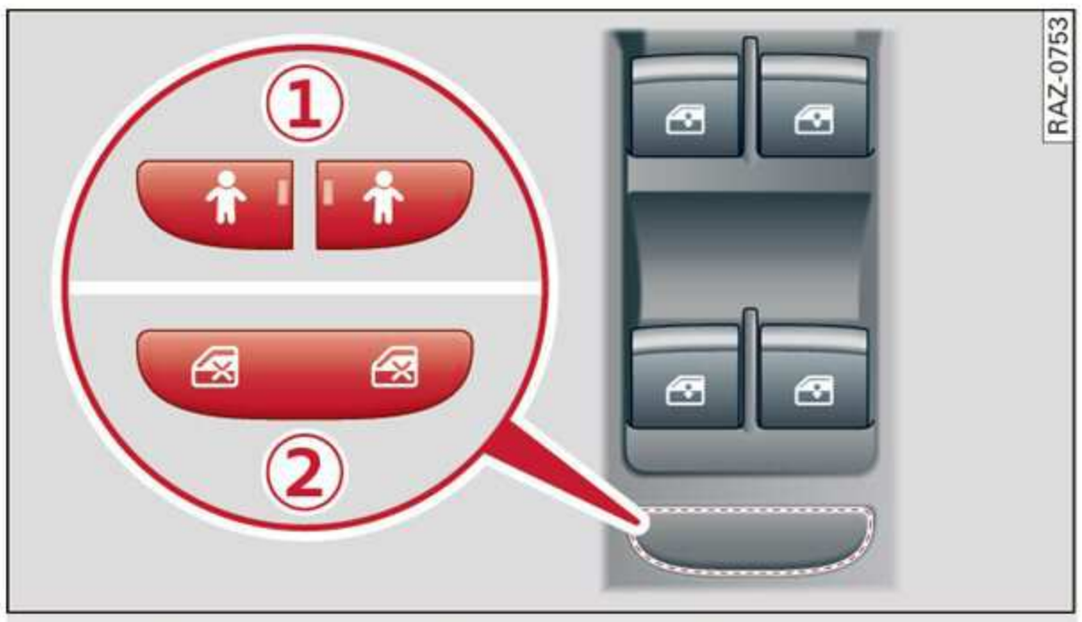


Fig. 33 Section of driver's door: controls



Fig. 34 -Applies to: vehicles with manual child safety locks- Rear door: manual child safety lock

Vehicles with button

Applies to: vehicles with power child safety locks

- ▸ To activate and deactivate the child safety lock (door handle and power window switch) for the a rear door, press the left or right button in the driver's door (1) that corresponds to that rear door ⇨ *fig. 33*. The indicator light in the button turns on/blinks.
- ▸ Make sure the child safety lock is working by checking the function on the rear power window switch and door handle.

Vehicles with button

Applies to: vehicles with manual child safety locks

- ▸ To activate or deactivate the child safety lock for the power window switch in the rear doors, press the button in the driver's door (2) ⇨ *fig. 33*. The indicator light in the button turns on/blinks.
- ▸ To activate or deactivate the manual child safety lock for the rear door handle, open the respective rear door and turn the key switch with the mechanical key in the direction of the arrow or opposite the direction of the arrow ⇨ *fig. 34*. This will disable the function of the rear door handle.
- ▸ Make sure the child safety lock is working by checking the function on the rear power window switch and door handle.

It is not possible to operate the rear climate control system* when the child safety lock is switched on. The **SET REAR** function allows you to apply all settings to the rear using the climate control system controls in the cockpit ⇨ *page 71*.

Message in the instrument cluster display

Childproof catch: malfunction! Please contact Service

There is a malfunction in the child safety lock. Press the / button again.

If the message stays on, drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

WARNING

- If you leave the vehicle, switch the ignition off and take the vehicle key with you. This applies particularly when children remain in the vehicle. Otherwise children could start the engine or operate electrical equipment (such as power windows), which increases the risk of an accident.
- A malfunction in the child safety lock could allow the rear doors to be opened from the inside, which increases the risk of an accident.

Power windows

Controls

The driver can control all power windows.

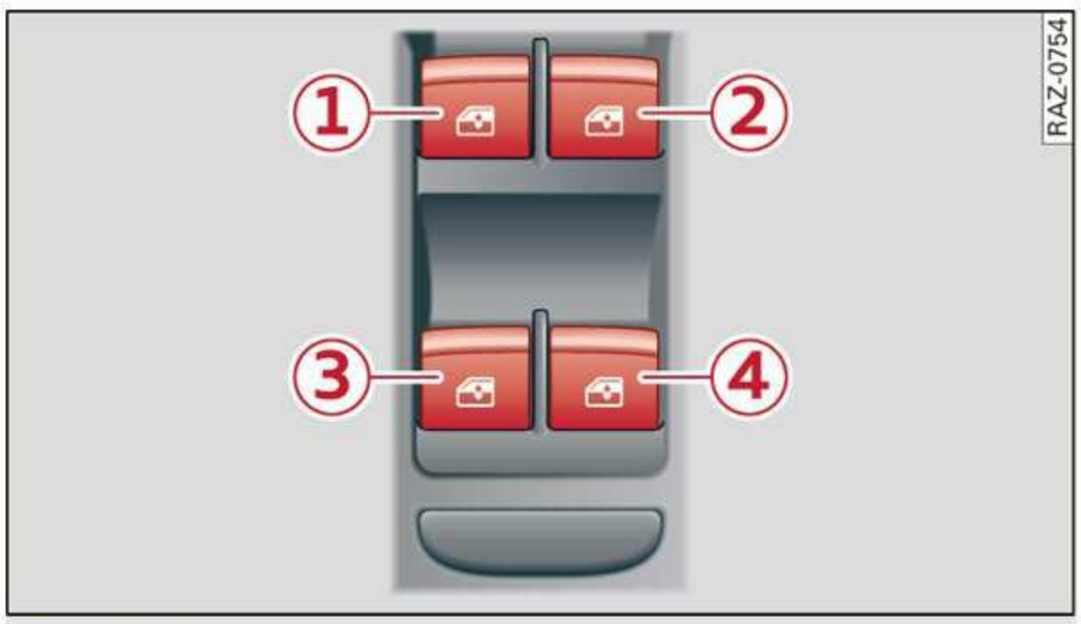


Fig. 35 Driver's door: power window controls

All power window switches are equipped with a two-stage function*:

Opening and closing the windows

- ► To open or close the window completely, press the switch down or pull the switch up briefly to the second level. The operation will stop if the switch is pressed or pulled again.
- ► To select a position in between opened and closed, press or pull the switch to the first level until the desired window position is reached.

Power window switches

① Left front door
② Right front door
③ Left rear door*
④ Right rear door*

WARNING

– If you leave the vehicle, switch the ignition off and take the vehicle key with you. This applies particularly when children remain in the vehicle. Otherwise children could start the engine or operate electrical equipment (such as power windows), which increases the risk of an accident. The power windows continue to function until the driver's door or front passenger's door has been opened.
– Pay careful attention when closing the windows. Pinching could cause serious injuries.
– When locking the vehicle from outside, the vehicle must be unoccupied since the windows can no longer be opened in an emergency.

Tips

– You can still open and close the windows for several minutes after turning the ignition off. The power window switch is not disabled until the driver's door or front passenger's door is opened.
– The power windows are equipped with pinch protection. The automatic window may stop closing and will open all the way again even if no obstacle is detected. Pull the power window switch up until the window is completely raised.

Convenience opening and closing

Applies to: vehicles with convenience key

All of the windows and the roof can be opened/closed at the same time.*

Convenience opening feature

- ► Press and hold the button on the vehicle key until all of the windows reach the desired position and the roof* is tilted open.

Convenience closing feature

- ► Press the button on the vehicle key until all windows and the roof* are closed ⇨ ⚠, or:
- ► Touch the sensor* on the door handle until all of the windows and the roof* are closed. Do not place your hand in the door handle when doing this.

When all of the windows and the roof* are closed, the turn signals will flash once.

Setting convenience opening in the Infotainment system

The function can be switched on/off in the Infotainment system ⇨ *page 30*.

WARNING

– Never close the windows or the roof* carelessly or in an uncontrolled manner, because this increases the risk of injury.
– For security reasons, the windows and the roof* can only be opened and closed with ▶

the vehicle key at a maximum distance of approximately 6.5 feet (2 m) away from the vehicle. Always pay attention when using the button to close the windows and the roof* so that no one is pinched. The closing process will stop immediately when the button is released.

Tips

Applies to: vehicles with panoramic glass roof: The power sunshade also opens or closes when opening or closing the roof.

Correcting power window malfunctions

You can reactivate the one-touch up/down function if it malfunctions.

- Pull the power window switch up until the window is completely raised.
- Release the switch and pull it up again for at least one second.

Panoramic glass roof

Opening and closing the panoramic glass roof and sunshade

Applies to: vehicles with panoramic glass roof

The front segment can tilt and slide open.

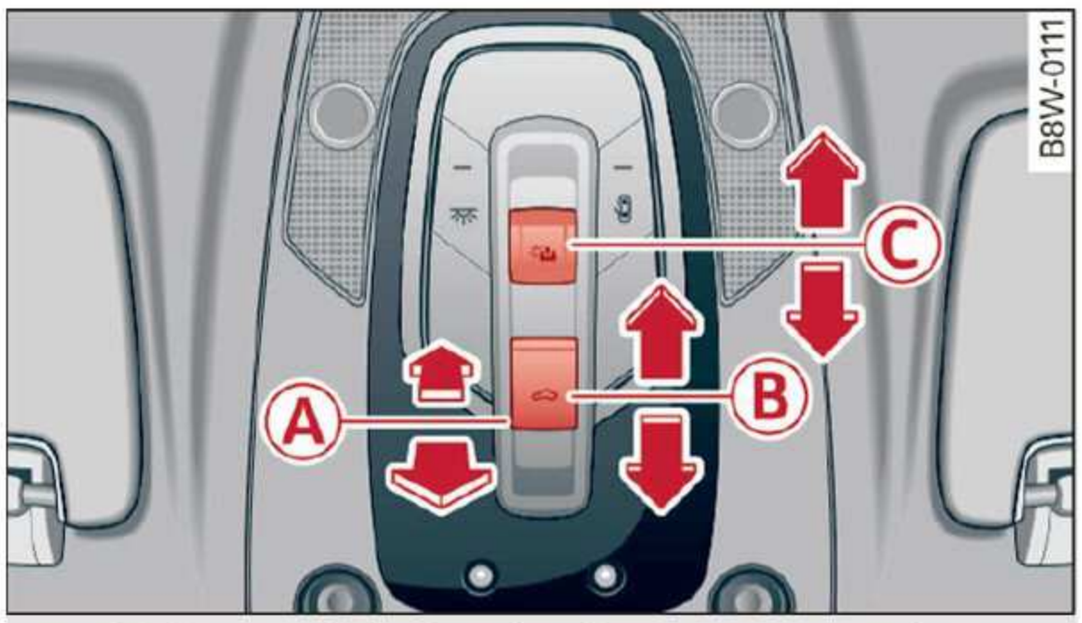


Fig. 36 Section of the front headliner: panoramic glass roof button

Ⓐ Tilting and closing the roof

- To tilt the sunroof completely open, press the button up briefly to the second level.
- To close the sunroof completely, pull the button down briefly to the second level ⇨ ⚠.
- To set a partially open position, press or pull the button to the first level until the roof reaches the desired position.

Ⓑ Opening and closing the roof

- To move the roof into the reduced wind noise position, push the button back briefly to the second level.
- To open the sunroof completely, push the button back briefly again to the second level.
- To close the sunroof completely, push the button forward briefly to the second level ⇨ ⚠.
- To select a partially open position, push the button forward or back to the first level until the desired position is reached.

Ⓒ Opening and closing the sunshade

- To open the sunshade completely, slide the switch back briefly to the second level.
- To close the sunshade completely, slide the switch forward briefly to the second level.
- To select a partially open position, slide the switch to the first level until the sunshade reaches the desired position.

WARNING

To reduce the risk of injury, always pay attention when closing the panoramic glass roof. Always switch the ignition off when leaving the vehicle and always take the vehicle key with you.

Note

Always close the panoramic glass roof when leaving your vehicle. Rain can cause damage to the interior equipment of your vehicle, particularly the electronic equipment.

Tips

- For information about convenience opening and closing, see ⇨ *page 37*.
- You can still operate the panoramic glass roof for about 10 minutes after the ignition is switched off. The switch is deactivated once the driver's or front passenger's door is opened. ▶

– The panoramic glass roof will only open at temperatures down to -4°F (-20°).

Panoramic glass roof emergency closing

Applies to: vehicles with panoramic glass roof

If an object is detected when closing, the roof will open again automatically. In this case, you can then close it with the power emergency closing function.

► Within five seconds after the sunroof opens automatically, pull the applicable button until the roof is closed.

Garage door opener

Description

Applies to: vehicles with garage door opener

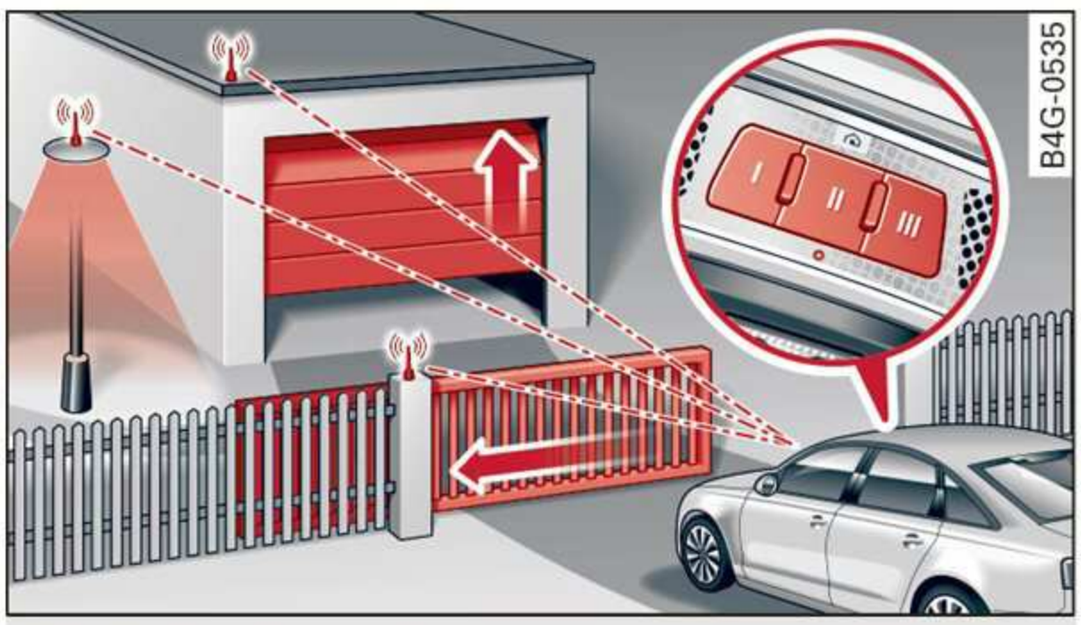


Fig. 37 Garage door opener: examples of usage for different systems

With the garage door opener, you can activate systems such as the garage doors, security systems or house lights from inside your vehicle. Three buttons are integrated in the headliner that can be programmed to up to three remote controls.

To be able to operate systems using the garage door opener, the buttons in the headliner must first be programmed.

WARNING

When operating or programming the garage door opener, make sure that no people or objects are in the area immediately surrounding the equipment. People can be injured or property can be damaged if struck when closing.

Tips

– For security reasons, we recommend that you clear the programmed buttons before selling the vehicle.
– For additional information about HomeLink, visit www.homelink.com.
– For an explanation on conformity with the FCC regulations in the United States and the Industry Canada regulations, see ⇨ *page 390*.

Operation

Applies to: vehicles with garage door opener

Requirements: the button in the headliner must be programmed ⇨ *page 39* and the vehicle must be within range of the system, such as the garage door.

► Press the button to open the garage door. The LED Ⓐ ⇨ *page 39, fig. 38* blinks or turns on.
► Press the button again to open the garage door.

Tips

When opening or closing the garage door, do not press and hold the button longer ten seconds or the garage door opener will switch to programming mode.

Programming buttons

Applies to: vehicles with garage door opener

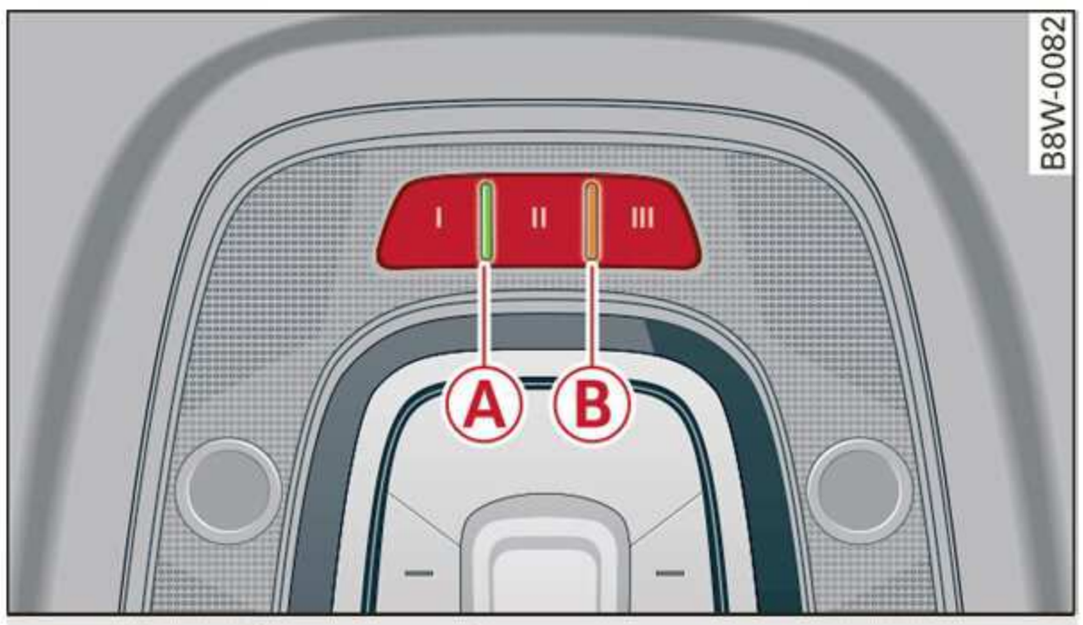


Fig. 38 Headliner: controls

You can program both fixed code and rolling code systems using this procedure. ▶

Programming/reprogramming buttons

Requirement: the vehicle must be in range of the system, such as the garage door, that you would like to program.

- ▸ Switch the ignition on.
- ▸ Press and hold the button in the headliner that you would like to program for at least two seconds. Or
- ▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Vehicle settings** > **Garage door opener** > **Program garage door opener** > **Program button I/Program button II/Program button III** (reprogram). The yellow LED (B) blinks.
- ▸ Follow the instructions in the Infotainment system.

Synchronizing a button[1)]

Requirement: the button must already be programmed and must be synchronized with the system that you would like to program.

- ▸ Switch the ignition on.
- ▸ Press the button in the headliner that you would like to synchronize.
- ▸ Follow the instructions in the Infotainment system.

Deleting button programming

The programmed buttons cannot be deleted individually. They must be deleted all at once. Reprogram the buttons if necessary.

- ▸ Switch the ignition on.
- ▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Vehicle settings** > **Garage door opener** > **Delete button programming** > **Yes, delete now**.

Displaying the version/status/country code

- ▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button >**Vehicle settings** > **Garage door opener** > **Version information**.

Tips

- – The garage door opener may need to be synchronized with the system motor after the programming. Follow the manufacturer's instructions for doing this.
- – The programming process can take up to 30 seconds. The hand transmitter may need to be operated again during the process.
- – Make sure the batteries in the hand transmitter are charged before starting the programming process.
- – In some cases, the system must be programmed using an alternative mode. Select in the Infotainment system: MENU > **Vehicle** > left control button > **Vehicle settings** > **Garage door opener** > **Program garage door opener** > right control button > **UR-Mode/D-Mode**.

1) Only applies to rolling code systems

Lights and Vision

Exterior lighting

Switching the lights on and off



Fig. 39 Instrument panel: light switch with buttons

Light switch

Turn the light switch to the corresponding position when the ignition is switched on. and the selected position turn on (except position 0).

0 - The daytime running lights* automatically turn on. In vehicles for certain markets, you can switch the automatic daytime running lights on and off in the Infotainment* system.

AUTO - The headlights automatically adapt to the surrounding brightness.

- Parking lights

- Low beam headlights

Buttons

When you turn the light switch to the AUTO or low beam headlight position , you can activate the following functions:

- All-weather lights. The headlights automatically adjust so that there will be less glare, for example when the road surface is wet.

- Rear fog lights*

Automatic headlight range control system

Your vehicle is equipped with an automatic headlight range control system that reduces glare for oncoming traffic if the vehicle load changes. The headlight range adjusts automatically.

Audi adaptive light

Applies to: vehicles with Audi adaptive light

Adaptive light provides better visibility when it is dark by adapting the lights to the road conditions based on speed, such as on expressways, on rural roads, at intersections, and in curves. The adaptive light only functions when the light switch is in the AUTO position.

WARNING

- Automatic headlights* are only intended to assist the driver. They do not relieve the driver of responsibility to check the headlights and to turn them on manually based on the current light and visibility conditions. For example, fog cannot be detected by the light sensors. So always switch on the low beams under these weather conditions and when driving in the dark .
- To prevent glare for traffic behind your vehicle, the rear fog lights* should only be turned on in accordance with traffic regulations.

Tips

- If the vehicle battery has been discharging for a while, the parking light may switch off automatically. Avoid using the parking lights for several hours.
- Follow the regulations applicable to the country where you are operating the vehicle when stopping the vehicle and when using the lighting systems.
- The light sensor for the automatic headlights* is in the rearview mirror mount. Do not place any stickers in this area on the windshield.
- A warning tone will sound if you open the door when the exterior lights are switched on.
- Only the front headlights turn on when the daytime running lights are switched on*. In vehicles in certain markets, the tail lights will also turn on.
- In cool or damp weather, the inside of the headlights, turn signals, and tail lights can fog over due to the temperature difference between the inside and outside. They will ▶

clear shortly after switching them on. This does not affect the service life of the lighting.

Turn signal and high beam lever

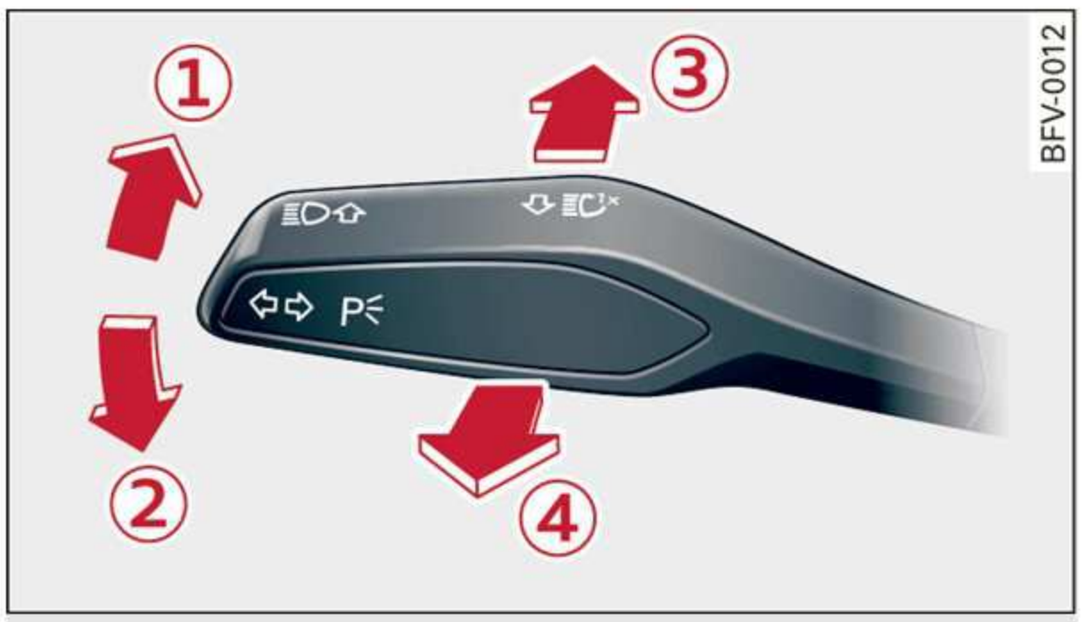


Fig. 40 Operating lever: switching on the turn signal and high beams

The lever operates the turn signals, the high beams and the headlight flasher.

Turn signals ⇦ ⇨

The turn signal activates when you move the lever into a turn signal position when the ignition is switched on. The respective ⇦ or ⇨ indicator light flashes.

① - Right turn signal

② - Left turn signal

The turn signal blinks three times if you tap the lever (convenience turn signal).

If an indicator light blinks twice as fast as usual, a turn signal bulb has failed. Carefully drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

High beams and headlight flasher

► Move the lever to the corresponding position:

③ - High beams on (vehicles with high beam assistant*⇨ *page 42*)

④ - High beams off or headlight flasher

The indicator light in the instrument cluster will turn on.

WARNING

High beams can cause glare for other drivers, which increases the risk of an accident. For this reason, only use the high beams or the headlight flasher when they will not create glare for other drivers.

High beam assistant

Applies to: vehicles with high beam assistant

The high beam assistant automatically turns the high beams on or off depending on the surrounding conditions.

A camera on the rearview mirror mount can detect light sources from other road users. The high beams switch on or off automatically depending on the position of vehicles driving ahead and oncoming vehicles, the vehicle speed, and other environmental and traffic conditions.

Activating high beam assistant

Requirement: the light switch must be set to the AUTO position and the high beam assistant must be switched on in the Infotainment system ⇨ *page 43*.

► To activate the high beam assistant, tap the lever forward ③ ⇨ *page 42, fig. 40*. The AUTO indicator light appears in the instrument cluster display and the high beams are switched on/off automatically. If the high beams were completely or partially switched on, the AUTO indicator light will turn on.

Switching the high beams on or off manually

If the high beams did not switch on or off automatically as expected, you may switch them on or off manually instead:

► To switch the high beams on manually, tap the lever forward ③ ⇨ *page 42, fig. 40*. The indicator light turns on.

► To switch the high beams off manually, pull the lever back ④ ⇨ *page 42, fig. 40*. The high beam assistant is deactivated.

Operating the headlight flasher

► To operate the headlight flasher when the high beam assistant is activated and high beams are ▶

switched off, pull the lever back ④ ⇨ *page 42, fig. 40*. The high beam assistant remains active.

WARNING

High beam assistant is only intended to assist the driver. The driver is still responsible for controlling the headlights and switching them manually depending on light and visibility conditions. It may be necessary to operate them manually in situations such as:

- In adverse weather conditions such as fog, heavy rain, blowing snow or spraying water.
- On roads where oncoming traffic may be partially obscured, such as expressways.
- When there are road users that do not have sufficient lighting, such as bicyclers or vehicles with dirty tail lamps.
- In tight curves and on steep hills.
- In poorly lit areas.
- With strong reflectors, such as signs.
- If the area of the windshield near the sensor is fogged over, dirty, icy or covered with a sticker.

Adjusting the exterior lighting

You can adjust the exterior lighting separately. The settings depend on the vehicle equipment.

The functions are adjusted in the Infotainment system.

► Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Vehicle settings** > **Exterior lighting**.

Automatic headlights

You can adjust the following settings in the **Automatic headlights** menu:

Activation time - You can adjust if the headlights switch on **Early**, **Medium**, or **Late** according to the sensitivity of the light sensor.

Headlight assistant - You can switch the high beam assistant on and off.

Entry/exit lighting

When it is dark, the **Entry/exit lighting** illuminates the area around the vehicle when unlocking the vehicle and after switching off the ignition and opening the driver's door.

The **Entry/exit lighting** only works when it is dark and the light switch is in the **AUTO** position.

Daytime running lights

USA models: the daytime running lights can be switched on/off. Select **On** or **Off**.

Canada models: this function cannot be switched off. They activate automatically each time the ignition is switched on.

Emergency flashers



Fig. 41 Center console: emergency flasher button

The emergency flashers makes other drivers aware of your vehicle in dangerous situations.

► Press the ⚠ button to switch the emergency flashers on or off.

When the emergency flashers are turned on, the ⇦ and ⇨ indicator lights will flash at the same time.

You can indicate a lane change or a turn when the emergency flashers are switched on by using the turn signal lever. The emergency flashers stop temporarily.

The emergency flashers also work when the ignition is turned off.

Tips

You should switch the emergency flashers on if: ▶

– you are the last car in a traffic jam so that all other vehicles approaching from behind can see your vehicle
– your vehicle has broken down or you are having an emergency
– your vehicle is being towed or if you are towing another vehicle

Messages

If the indicator light turns on, a bulb has failed. The message indicates the location of the bulb. Replace the bulb immediately.

Vehicle lights: malfunction! Please contact Service

There is a malfunction in the headlights or the light switch. Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Audi adaptive light: malfunction! See owner's manual

Adaptive light* is not working. The headlights still function.

Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Automatic headlights: malfunction! See owner's manual

The light/rain sensor is malfunctioning.

The low beams remain switched on at all times for safety reasons when the light switch is in the **AUTO** position. However, you can continue to turn the lights on and off using the light switch.

Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Headlight range control: malfunction! See owner's manual

There is a malfunction in the headlight range control system, which may cause glare for other drivers.

Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Headlight assistant: malfunction! See owner's manual

Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired. You can still switch the high beams on or off manually.

Headlight assistant: currently unavailable. Camera view restricted due to surroundings. See owner's manual

The camera view is blocked, for example by a sticker or debris.

The sensor is located between the interior rear-view mirror and the windshield. Do not place any stickers in this area on the windshield.

WARNING

– Light bulbs are pressurized and can explode when they are replaced, which increases the risk of injury.
– To reduce the risk of fatal injury, the high-voltage component on HID headlights (xenon lights) must be handled correctly.

Interior lighting

Front interior lighting

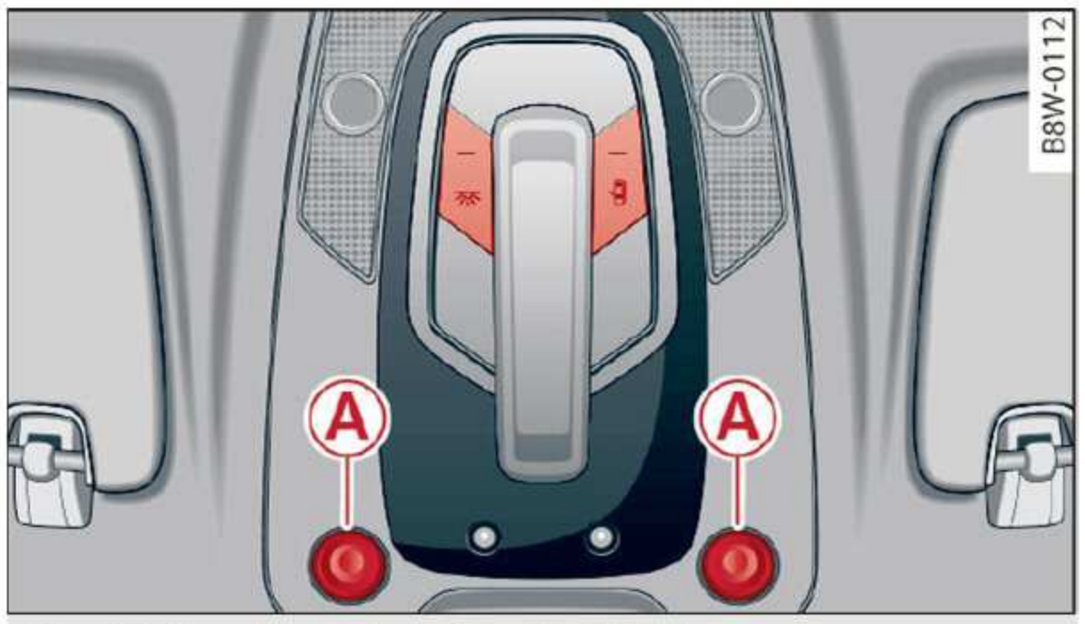


Fig. 42 Headliner: front interior lighting

Interior lighting buttons

- Interior lighting on/off

- Door contact switch on/off. The interior lighting is controlled automatically. ▶

Touch-sensitive reading lights

- ▸ To turn a reading light on or off, touch the surface Ⓐ briefly.
- ▸ To activate the manual dimming function, touch the surface Ⓐ when the light is switched off and keep touching it until the desired brightness is reached.

Rear interior lighting

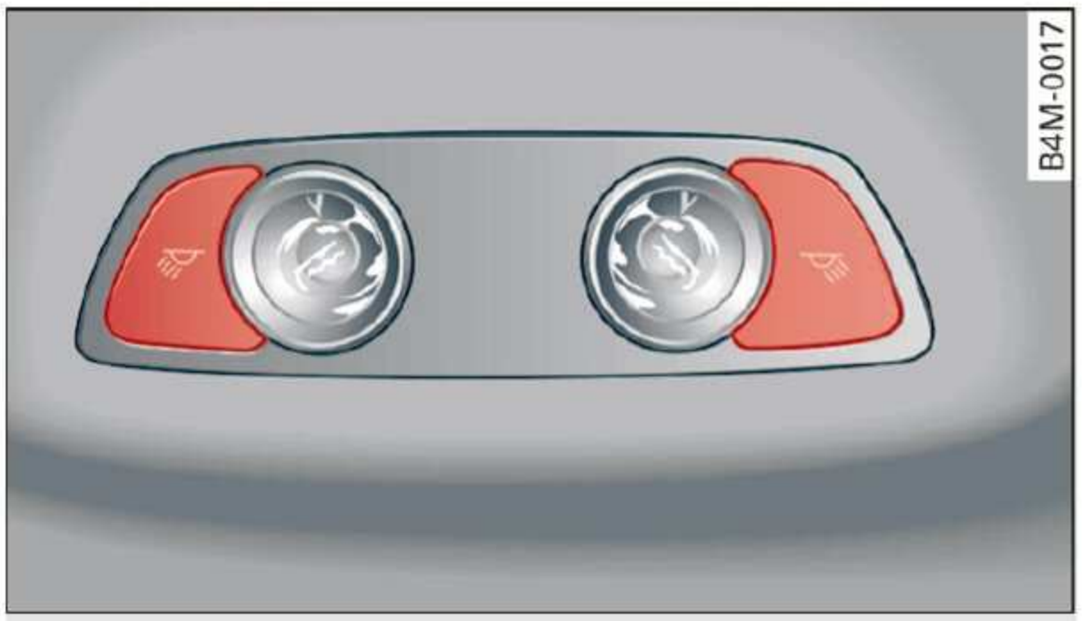


Fig. 43 Headliner: reading lights, version 1

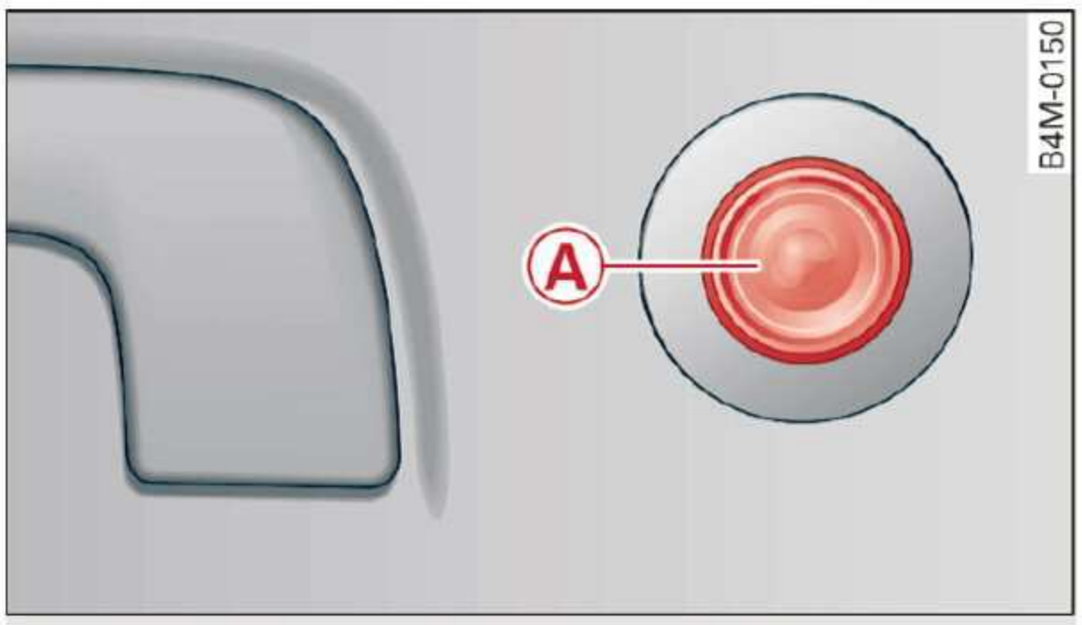


Fig. 44 Headliner: reading lights, version 2

- ▸ **Version 1**: to turn a reading light on or off, press the button.
- ▸ To activate the manual dimming function*, touch the surface when the light is switched off and keep touching it until the desired brightness is reached.
- ▸ **Version 2 (touch-sensitive reading lights with manual dimming function*)**: to turn a reading light on or off, briefly touch the surface Ⓐ ⇨ *fig. 44*.
- ▸ To activate the manual dimming function, touch the surface Ⓐ when the light is switched off and keep touching it until the desired brightness is reached.

Interior lighting

Applies to: vehicles with interior lighting

- ▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Vehicle settings** > **Interior lighting**.

The interior lighting turns on when you switch the headlights on while the ignition is on.

Version 1

To adjust the brightness of individual zones, select **Front brightness***, **Door brightness** or **Footwell brightness**. Turn the control knob to the left or to the right. Press the control knob to confirm the brightness.

Version 2

Select and confirm one of the displayed profiles by pressing the control knob.

Individual: you can customize the brightness and color of individual zones. Press the right control button. Press the control knob again to confirm the settings.

Audi drive select: the interior and contour lighting color changes depending on the driving mode selected in drive select* ⇨ *page 145*.

Tips

The setting is automatically stored and assigned to the remote control key that is being used.

Instrument illumination



Fig. 45 Light switch: instrument illumination

The brightness of the illumination for the instruments, display and head-up display* can be adjusted. ▶

- ▸ Press the knob to release it.
- ▸ Turn the knob toward "-" or "+" to reduce or increase the brightness.
- ▸ Press the knob again to return it to its original position.

Tips

Depending on vehicle equipment, the instrument illumination (needles and gauges) may turn on when the lights are off and the ignition is switched on. The illumination for the gauges reduces automatically and eventually turns off as brightness outside increases. This function reminds the driver to turn the low beams on at the appropriate time.

Vision

Adjusting exterior mirrors



Fig. 46 Driver's door: knob for the exterior mirrors

Turn the knob to the desired position:

0 - All adjustment functions are deactivated.

/ - Adjusts the left/right exterior mirror. Move the knob in the desired direction.

- Heats* the mirror glass depending on the outside temperature.

- Folds the exterior mirrors*. To fold the mirrors out, turn the knob to one of the other positions. In the Infotainment system, you can select if the mirrors fold in automatically when you lock the vehicle ⇨ *page 30*.

Front passenger's exterior mirror tilt function*

Requirement: the knob must be in the position for the front passenger's exterior mirror.

To help you see the curb when backing into a parking space, the surface of the mirror will tilt slightly when reverse gear is selected.

You can adjust the tilted mirror surface by turning the knob in the desired direction. When you move out of reverse and into another gear, the new mirror position is stored and assigned to the key you are using.

The mirror goes back into its original position once you drive forward faster than 9 mph (15 km/h) or turn the ignition off.

WARNING

Curved mirror surfaces (for example convex) enlarge the field of vision. However, they make objects in the mirror appear smaller and farther away. When using these mirrors to estimate your distance to vehicles behind you when changing lanes, you could estimate incorrectly, which increases the risk of an accident.

Note

– Applies to: vehicles with power folding outside mirrors: If the mirror housing was moved by force (for example, by running into an object when maneuvering the vehicle), the mirror must be folded all the way in using the power folding function. The mirrors will make a loud noise when they latch into place. The mirror housing must not be moved back into place by hand because this could impair the function of the mirror mechanism.

– Applies to: vehicles without power folding outside mirrors: If the mirror housing was moved by outside forces (such as by an impact while maneuvering), you must move the mirror housing back into place by hand.

– If you wash the vehicle in an automatic car wash, you must fold the exterior mirrors in to reduce the risk of damage to the mirrors. Never fold power folding exterior mirrors* by hand. Only fold them in and out using the power controls. ▶

Tips

– If the power adjusting function malfunctions, the glass in both mirrors can be adjusted by pressing on the edge of it by hand.
– The exterior mirror settings are stored with the memory function* ⇨ *page 57*.

Dimming the mirrors

Your vehicle is equipped with a manual or automatic* dimming rearview mirror.

Manual dimming rearview mirror

▸ Pull the lever on the bottom of the mirror back.

Automatic dimming rearview mirror*

▸ The interior and exterior mirrors dim automatically when light shines on them, for example from headlights on a vehicle behind you.

WARNING

If the glass on an automatic dimming mirror* breaks, electrolyte can leak out. This liquid can irritate the skin, eyes and respiratory system. If there is contact with the fluid, flush immediately with plenty of water. Consult a physician if necessary.
– Repeated or long-term exposure to electrolyte fluid can lead to irritation of the airways, especially in people with asthma or other respiratory conditions. Take deep breaths immediately after leaving the vehicle or, if this is not possible, open all of the doors and windows as wide as possible.
– If electrolyte fluid comes into contact with the eyes, flush them thoroughly with plenty of clean water for at least 15 minutes and then seek medical attention.
– If electrolyte fluid comes into contact with the skin, flush the affected area with clean water for at least 15 minutes, and then clean with soap and water and seek medical attention. Clean affected clothing and shoes thoroughly before wearing again.
– If the fluid was swallowed and the person is conscious, flush the mouth with water for at least 15 minutes. Do not induce vomiting unless this is recommended by medical professionals. Seek medical attention immediately.

Note

If the glass on an automatic dimming mirror* breaks, electrolyte can leak out. This liquid damages plastic surfaces and paint. Clean this liquid as quickly as possible, for example with a wet sponge.

Tips

– If the light reaching the rearview mirror is obstructed, the automatic dimming mirror* will not function correctly.
– The automatic dimming mirrors* do not dim when the interior lighting is turned on or reverse gear is selected.

Sun visors



Fig. 47 Front headliner: sun visor

Sun visor

The sun visors for the driver and front passenger can be released from their mounts and turned toward the doors ⇨ *fig. 47* ①.

They can also be moved back and forth lengthwise in this position.

Vanity mirror

The mirror light switches on when the cover over the vanity mirror ② opens.

Sunshade

Applies to: vehicles with sunshade

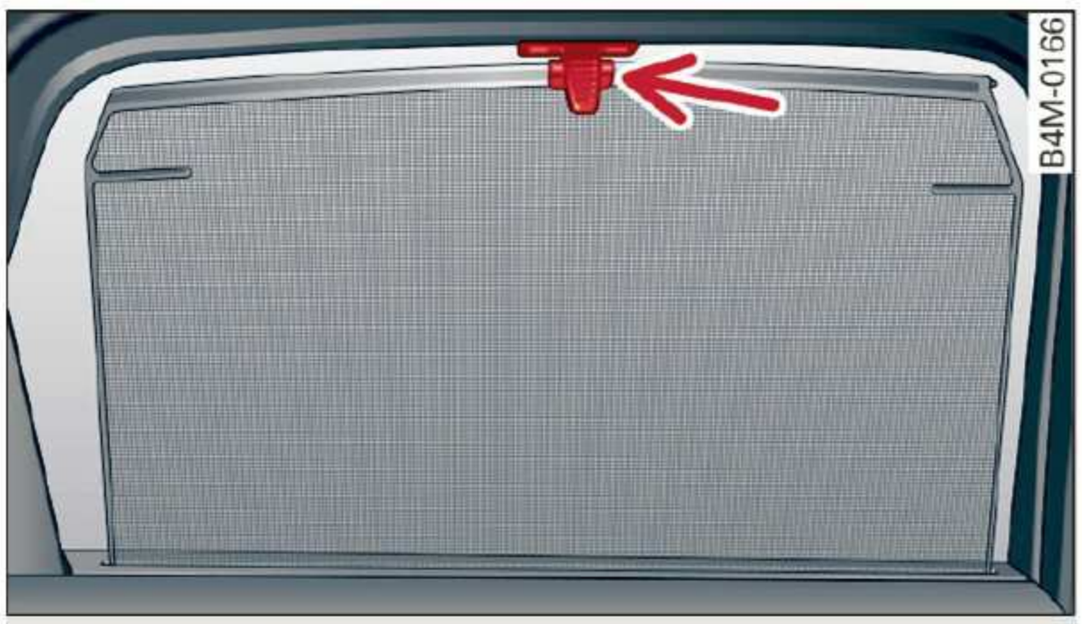


Fig. 48 Rear door: sunshade

Rear door sunshade

▸ Pull the sunshade out and attach it to the retainer on the upper door frame ⇨ *fig. 48*.

Windshield wipers

Switching the wipers on

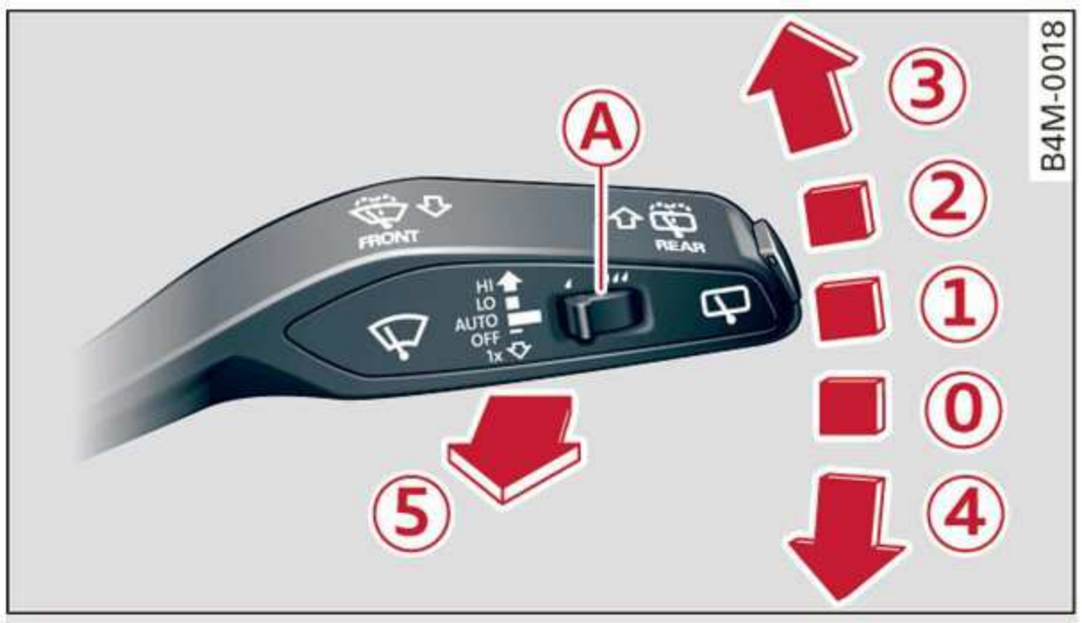


Fig. 49 Operating lever: Windshield wipers



Fig. 50 Operating lever: Rear window wiper

Move the windshield wiper lever to the corresponding position:

⓪ - Windshield wipers off

① - Rain sensor mode. The windshield wipers switch on once the vehicle speed exceeds approximately 2 mph (4 km/h) and it is raining. The higher the sensitivity of the rain sensor that is set (switch Ⓐ to the right), the earlier the windshield wipers react to moisture on the windshield. You can deactivate the rain sensor mode in the Infotainment system*, which switches the intermittent mode on. To do this, select: MENU button > **Vehicle** > left control button > **Driver assistance** > **Rain sensor**. In intermittent mode, you can adjust the interval time using switch Ⓐ.

② - Slow wiping

③ - Fast wiping

④ - Single wipe. If you hold the lever in this position longer, the wipers switch from slow wiping to fast wiping.

⑤ - Clean the windshield. The wipers wipe one time after several seconds of driving to remove water droplets. You can switch this function off by moving the lever to position ⑤ within 10 seconds of the afterwipe. The afterwipe function is reactivated the next time you switch the ignition on.

Clean the headlights*. The headlight washer system* operates only when the low beam headlights are on. If you move the lever into position ⑤, the headlights will be cleaned at fixed intervals.

⑥ - Wipe the rear window. The number of wipes depends on the windshield wiper movement.

The rear wiper automatically switches on when the reverse gear is selected and the front windshield wipers are on and running.

⑦ - Clean the rear window. The number of wipes depends on how long the lever is held in position ⑦. This may also clean the rearview camera, depending on the vehicle equipment.

WARNING

– The rain sensor is only intended to assist the driver. The driver may still be responsible for manually switching the wipers on based on visibility conditions. ▶

– The windshield must not be treated with water-repelling windshield coating agents. Under unfavorable conditions, such as wetness, darkness, and when the sun is low, these coatings can cause increased glare, which increases the risk of an accident. They can also cause wiper blade chatter.
– Properly functioning windshield wiper blades are required for a clear view and safe driving ⇨ *page 49, Replacing wiper blades*.

Note

– If there is frost, make sure the windshield wiper blades are not frozen to the windshield. Switching on the windshield wipers when the blades are frozen to the windshield can damage the wiper blades.
– The windshield wiper system must be switched off (lever in position 0) before using a car wash. This prevents the wipers from switching on unintentionally and causing damage to the windshield wiper system.

Tips

– The windshield wipers switch off when the ignition is switched off. You can activate the windshield wipers after the ignition is switched on again by moving the windshield wiper lever to any position. The single wipe function (lever in position ④) also functions when the ignition is switched off.
– Worn or dirty windshield wiper blades result in streaking. This can affect the rain sensor function. Check your windshield wiper blades regularly.
– The washer fluid nozzles for the windshield washer system are heated when the ignition is on if the outside temperature is low.
– When stopping temporarily, such as at a traffic light, the speed of the windshield wipers automatically reduces by one level.

Cleaning the wiper blades

Clean the wiper blades when you see wiper streaks. Use a soft cloth and a glass cleaner.

Windshield wiper

▸ Place the windshield wiper arms in the service position ⇨ *page 49*.
▸ Fold the windshield wiper arms away from the windshield.

Rear window wiper

▸ Fold the wiper arm away from the rear window.

WARNING

Dirty windshield wiper blades can impair vision, which increases the risk of an accident.

Replacing wiper blades

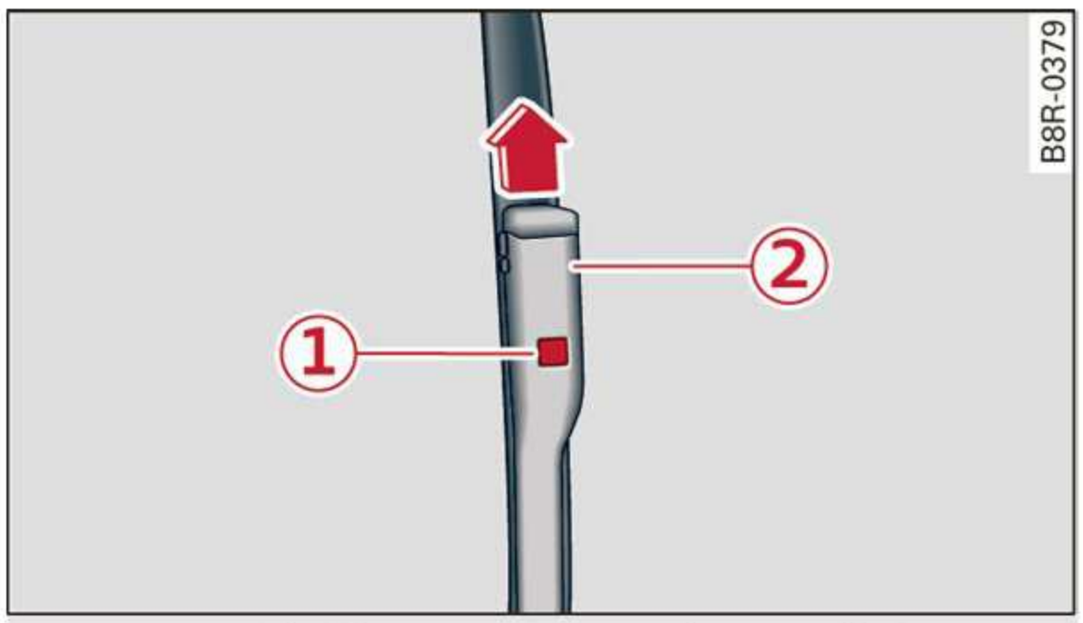


Fig. 51 Windshield wiper: removing the wiper blade

Windshield wiper service position/blade replacement position

▸ Switch off the ignition and hold the windshield wiper lever in position ④ ⇨ *page 48, fig. 49* until the windshield wiper moves into the service position.
▸ To bring the windshield wipers back to the normal position, switch the ignition on and hold the windshield wiper lever in position ④ until the windshield wipers go back to the original position, or drive faster than 8 mph (12 km/h).

You can also turn the service position on or off in the Infotainment system*:

▸ Switch the windshield wipers off (position ⓪ ⇨ *page 48, fig. 49*).
▸ Select: MENU button > **Vehicle** > left control button > **Service & checks** > **Wiper change position**.

Removing the wiper blade

- ▸ Fold the windshield wiper arm away from the windshield.
- ▸ Press the locking knob (1) ⇨ *fig. 51* on the wiper blade. Hold the wiper blade firmly.
- ▸ Remove the wiper blade in the direction of the arrow.

Installing the wiper blade

- ▸ Insert the new wiper blade into the mount on the wiper arm (2) until it clicks into place.
- ▸ Place the wiper arm back on the windshield.
- ▸ Exit the service position.

WARNING

For safety reasons, the windshield wiper blades should be replaced once or twice each year.

Note

– Only fold the windshield wipers away when they are in the service position. Otherwise, you risk damaging the paint on the hood or the windshield wiper motor.
– You should not move your vehicle or press the windshield wiper lever when the wiper arms are folded up from the windshield. The windshield wipers would move back into their original position and could damage the hood and windshield.

Tips

– You can also use the service position, for example, if you want to protect the windshield from icing by using a cover.
– You cannot activate the service position when the hood is open.

Replacing rear wiper blade



Fig. 52 Rear window wiper: installing the wiper blade

Removing the wiper blade

- ▸ Fold the wiper arm away from the rear window.
- ▸ Remove the wiper blade from its holder.

Installing the wiper blade

- ▸ Press the wiper blade mount into the retainer.
- ▸ Fold the window wiper arm back onto the rear window.

WARNING

For safety reasons, the windshield wiper blades should be replaced once or twice each year.

Messages

If the indicator light turns on, then there is a windshield wiper malfunction. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Automatic wipers: malfunction! See owner's manual

The light/rain sensor is malfunctioning.

You can still control all functions that are not controlled by the rain sensor using the windshield wiper lever.

Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Digital compass

Switching the compass on and off

Applies to: vehicles with digital compass

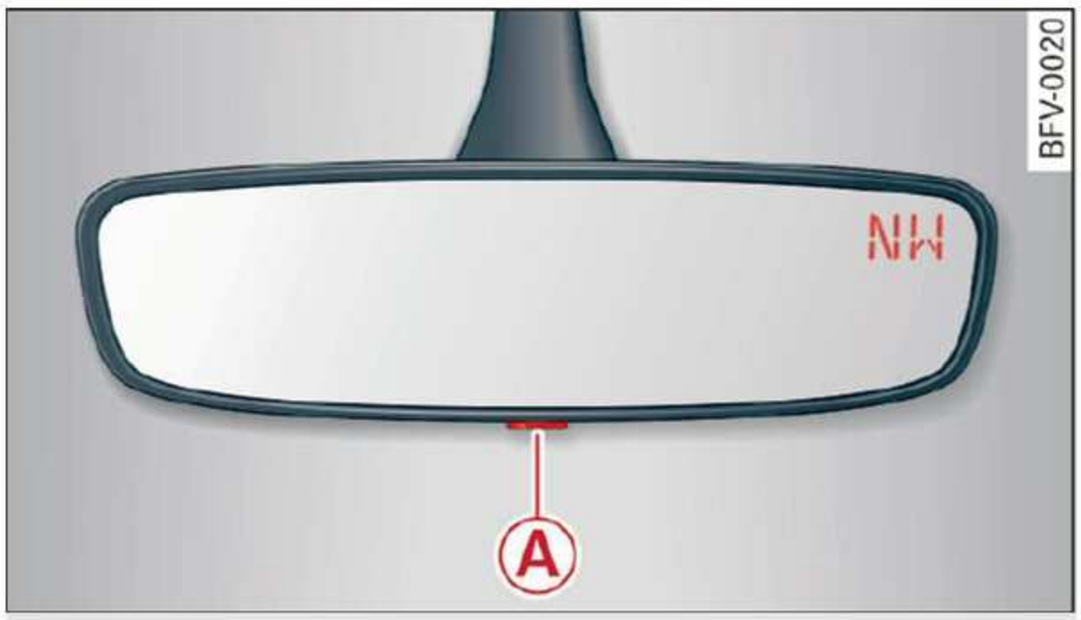


Fig. 53 Rearview mirror: digital compass is switched on

▸ To turn the compass on or off, press the button Ⓐ until the compass in the mirror appears or disappears.

The digital compass only works when the ignition is turned on. The directions are indicated with abbreviations: **N** (north), **NE** (northeast), **E** (east), **SE** (southeast), **S** (south), **SW** (southwest), **W** (west), **NW** (northwest).

Tips

To prevent inaccurate compass readings, do not bring any remote controls, electrical devices or metallic objects near the mirror.

Adjusting the magnetic zone

Applies to: vehicles with digital compass

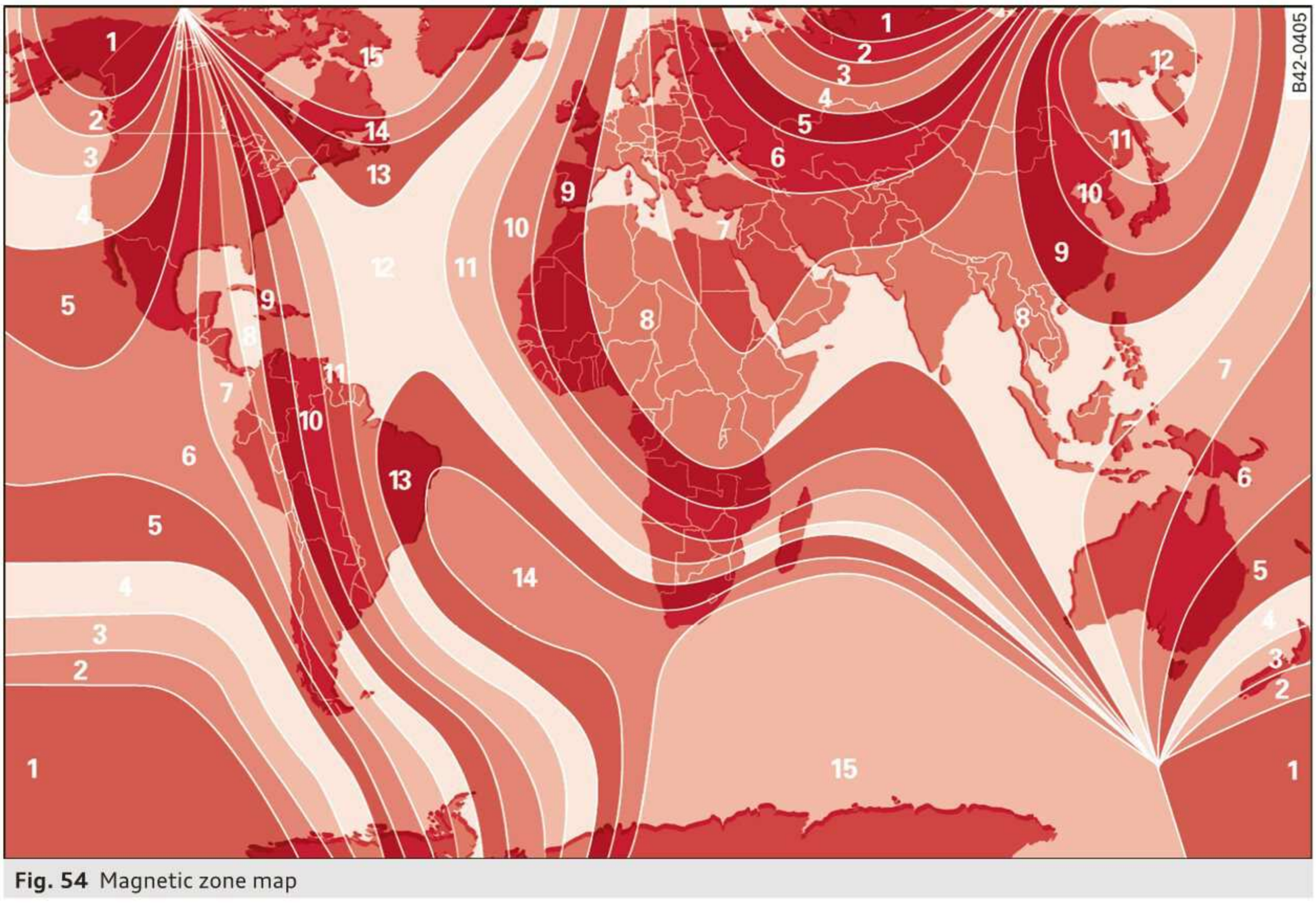


Fig. 54 Magnetic zone map

The magnetic zone must be adjusted correctly for the compass to read accurately.

▸ Press and hold the button Ⓐ ⇨ *page 51, fig. 53* until the number of the selected magnetic zone appears in the rearview mirror.

▸ Press the button Ⓐ repeatedly to select the correct magnetic zone. The selection mode turns off after a few seconds.

Calibrating the compass

Applies to: vehicles with digital compass

If the display is incorrect or inaccurate, the compass must be recalibrated.

- ▸ Press and hold the button Ⓐ until a **C** appears in the rearview mirror.
- ▸ Drive in a circle at about 6 mph (10 km/h) until a direction is displayed in the interior rearview mirror.

WARNING

To reduce the risk to yourself and other drivers, calibrate the compass in an area where there is no traffic.

Seats

General information

WARNING

See ⇨ *page 268, Driving safety* for important information, tips, suggestions and warnings that you should read and follow for your own safety and the safety of your passengers.

Front seats

Power seat adjustment

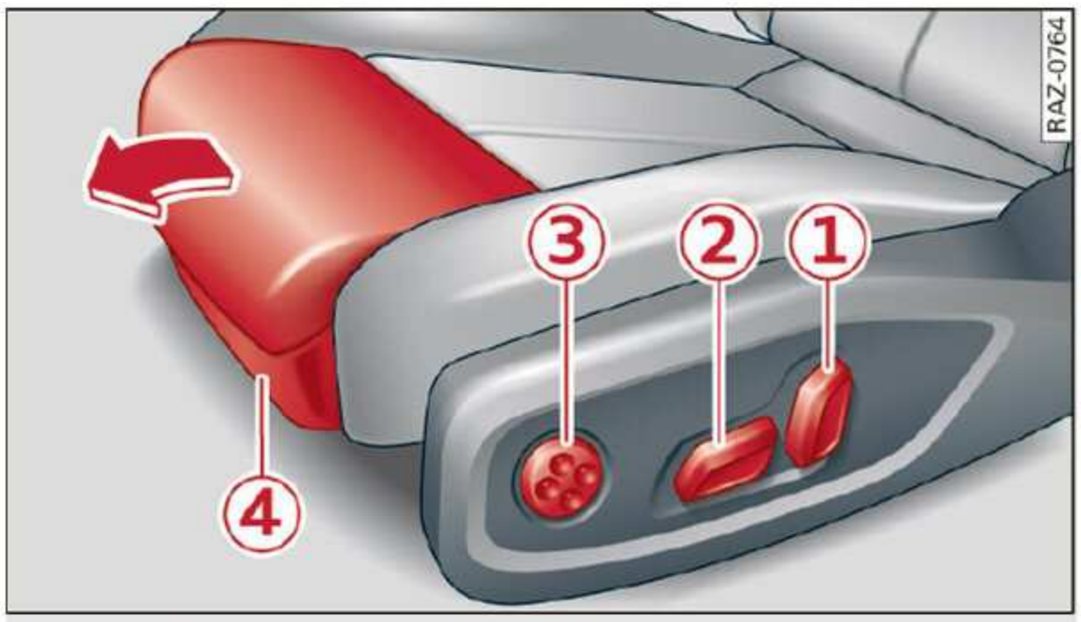


Fig. 55 Front seat: adjusting the seat (version A)

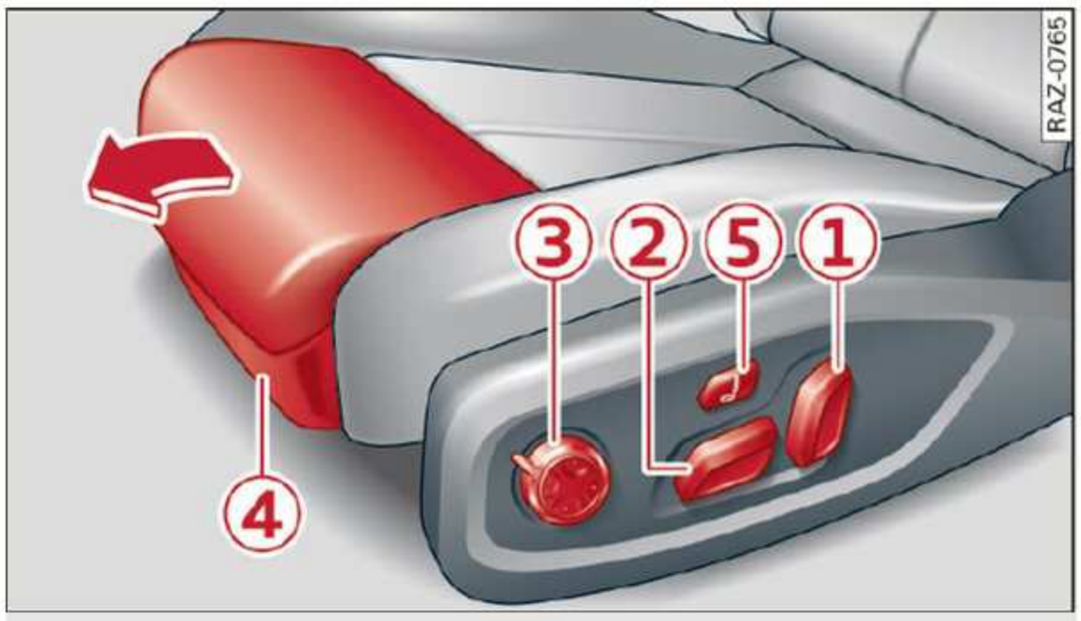


Fig. 56 Front seat: adjusting the seat (version B)

The settings depend on the vehicle equipment.

Adjusting the seat position

- ▸ To adjust the seat forward or backward, push the button ② forward or backward.
- ▸ To adjust the seat upward or downward, push the rear section of the button ② upward or downward.
- ▸ To adjust the seat surface, press the front part of the button ② upward or downward.

Adjusting the backrests

- ▸ To adjust the backrest forward or backward, press the button ① forward or backward.

Adjusting the upper thigh support

- ▸ To increase or decrease the upper thigh support, lift the handle ④ and move the upper thigh support.

Massage function

- ▸ To switch the massage function on or off, press the button ⑤ ⇨ *fig. 56*.

You can adjust additional settings ⇨ *page 54* using the multifunction button ③ ⇨ *fig. 56*.

Adjusting the lumbar support

- ▸ To adjust the lumbar support, press the button ③ at the applicable location.

Additional seat settings

You can adjust additional seat settings ⇨ *page 54* using the multifunction button ③ ⇨ *fig. 56*.

WARNING

- To reduce the risk of an accident, only adjust the driver's seat when the vehicle is stationary.
- The power front seats can also be adjusted when the ignition is switched off. To reduce the risk of injury, children should never be left unattended in the vehicle for this reason.
- Exercise caution when adjusting the seat height. Unsupervised or careless seat adjustment could cause parts of the body to get pinched, which increases the risk of injury.
- The front seat backrests must not be reclined too far back when driving, because this impairs the effectiveness of the safety belts and airbag system, which increases the risk of injury.

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Additional seat settings in the MMI

Applies to: vehicles with multifunction button

You can adjust additional seat settings using the multifunction button.

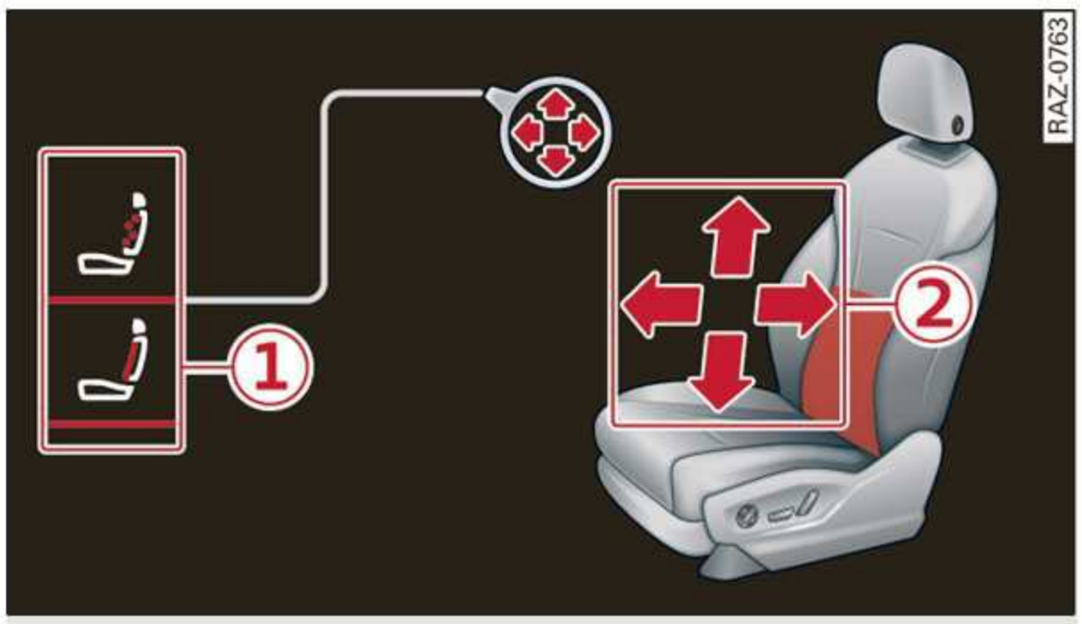


Fig. 57 MMI: seat settings

The settings and the number of seats ① depend on the vehicle equipment.

Operating

- ▸ To display additional seat settings in the MMI, turn the multifunction button ③ ⇨ *page 53, fig. 56*.
- ▸ To select a seat setting, turn the multifunction button ③ until the desired seat setting is marked in red.
- ▸ The arrows ② ⇨ *fig. 57* indicate the setting options for the seat. Press the multifunction button ③ on the seat to the respective position.

Setting the massage type and intensity

- ▸ To switch the massage function on or off, press the button ⑤ ⇨ *page 53, fig. 56*.
- ▸ To select the massage program, press the multifunction button ③ ⇨ *page 53, fig. 56* upward or downward.
- ▸ To adjust the intensity of the massage, press the multifunction button ③ to the left or to the right.

Tips

The massage function switches off automatically after approximately 10 minutes.

Front center armrest

Applies to: vehicles with a front center armrest

The front center armrest is located between the front seats.

Adjusting the center armrest

The settings depend on the vehicle equipment.

- ▸ To adjust the armrest forward or backward, move the armrest in the desired direction.
- ▸ To adjust the angle, raise the armrest in stages.
- ▸ To move the armrest back into the original position, raise it slightly out of the top level and fold it downward.

WARNING

In certain positions, the front center armrest can interfere with the driver's arm movement, which increases the risk of injury.

Rear seats

Adjusting the seats

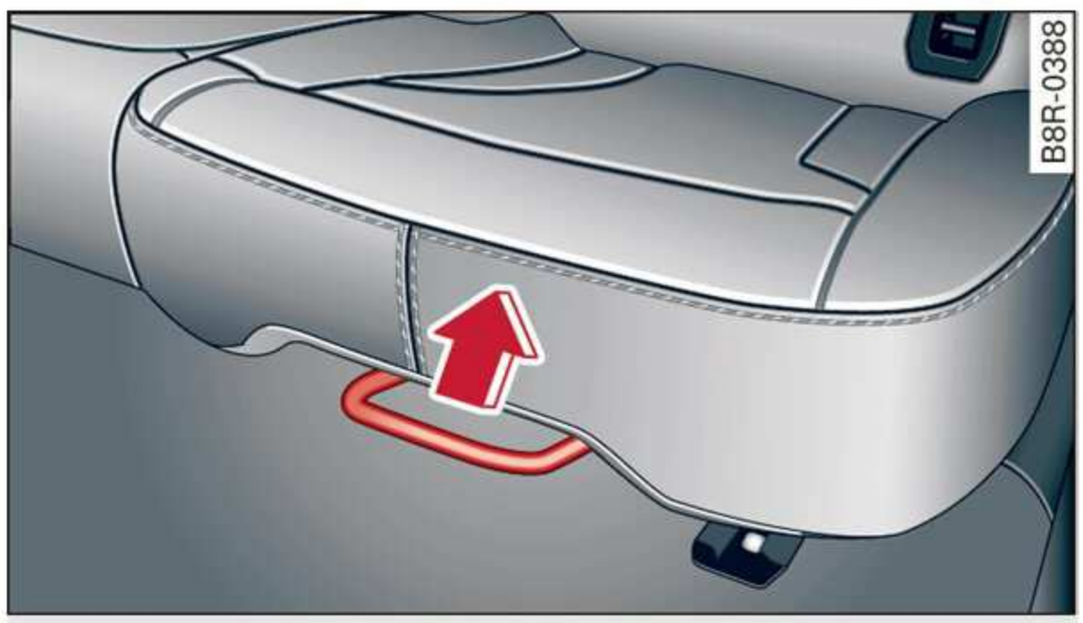


Fig. 58 Adjusting the seat position

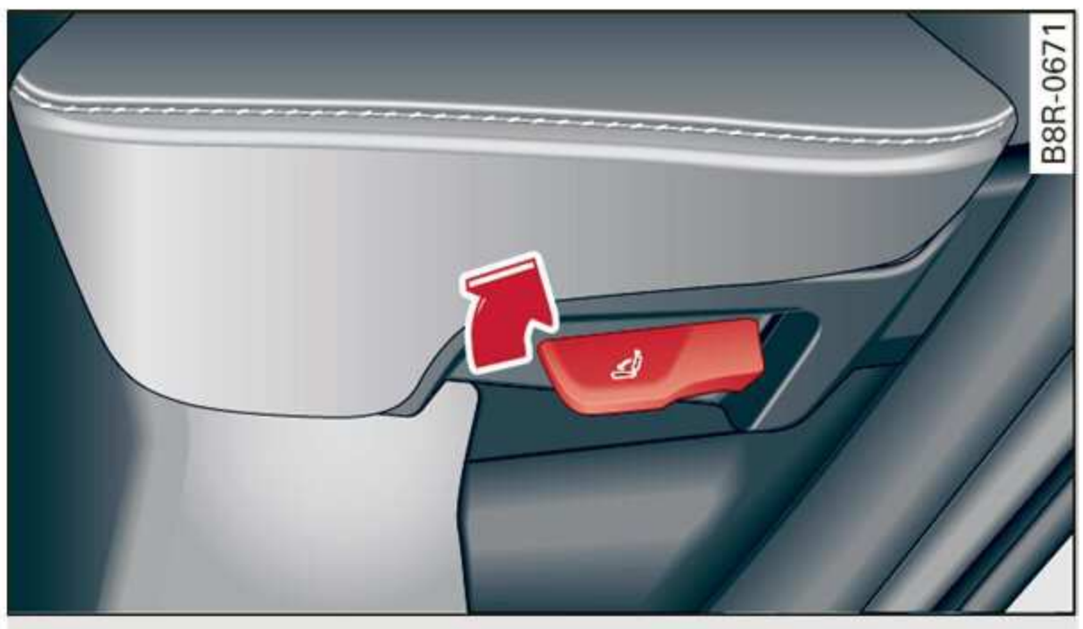


Fig. 59 Adjusting the backrests

The settings depend on the vehicle equipment. ▶

Adjusting the seat position

- ► To adjust the seat forward or back, pull the handle ⇨ *fig. 58* and slide the seat.
- ► Release the handle and continue sliding the seat until it locks into place.

Adjusting the backrests

- ► Secure the backrest with one hand and pull the lever upward ⇨ *fig. 59*.
- ► Move the backrest forward or back to the desired position.
- ► Release the lever and continue moving the backrest until it locks into place.

WARNING

– To reduce the risk of an accident, the seat can only be adjusted when the vehicle is stationary.
– Adjusting the seat without paying attention can pinch fingers or limbs, which increases the risk of injury.
– Always pull forward on the backrest to make sure it is check if it is correctly locked in place.

Head restraints

Proper adjustment of head restraints

Correctly adjusted head restraints are an important part of your vehicle's occupant restraint system and can help to reduce the risk of injuries in accident situations.

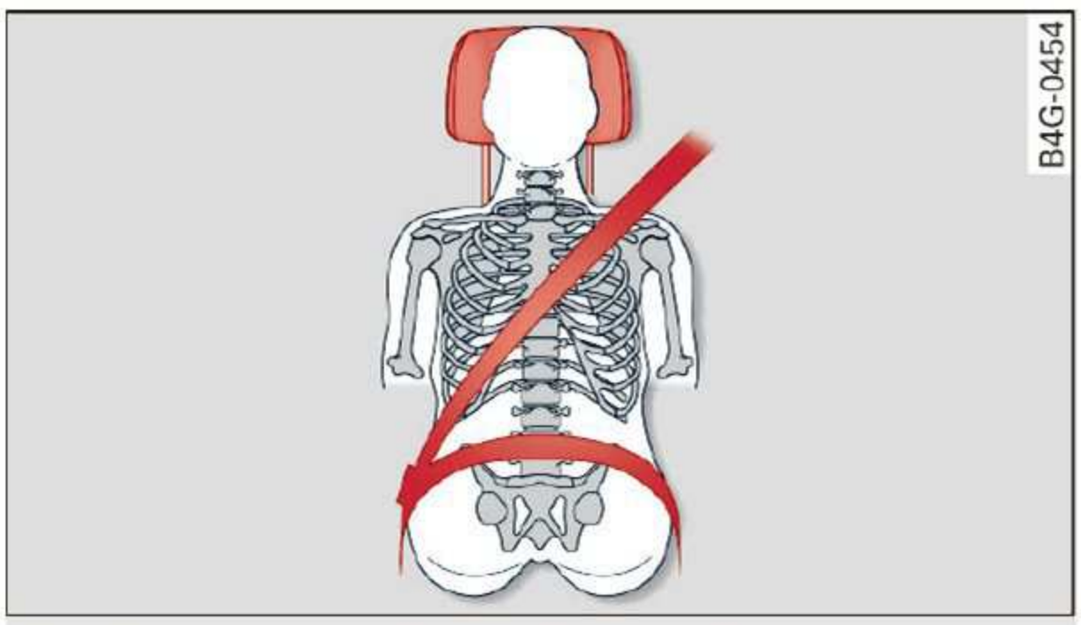


Fig. 60 Head restraint: viewed from the front

The head restraints must be correctly adjusted to achieve the best protection.

- ► Adjust the head restraints so the upper edge is as even as possible with the top of your head. If that is not possible, try to adjust the head restraint so that it is as close to this position as possible. Position* the head restraint as close as possible to the back of your head.
- ► If there is a passenger in the center rear seat, slide the head restraint upward.

WARNING

All seats are equipped with head restraints. Driving without head restraints or with head restraints that are not properly adjusted increases the risk of serious or fatal neck injury dramatically. To help reduce the risk of injury:
– Always drive with the head restraints in place and properly adjusted.
– Every person in the vehicle must have a properly adjusted head restraint.
– Always make sure each person in the vehicle properly adjusts their head restraint. Adjust the head restraints so the upper edge is as even as possible with the top of your head. If that is not possible, try to adjust the head restraint so that it is as close to this position as possible.
– Never attempt to adjust head restraint while driving. If you have driven off and must adjust the driver headrest for any reason, first stop the vehicle safely before attempting to adjust the head restraint.
– Children must always be properly restrained in a child restraint that is appropriate for their age and size ⇨ *page 303*.

Front head restraints

Applies to: vehicles with adjustable head restraints

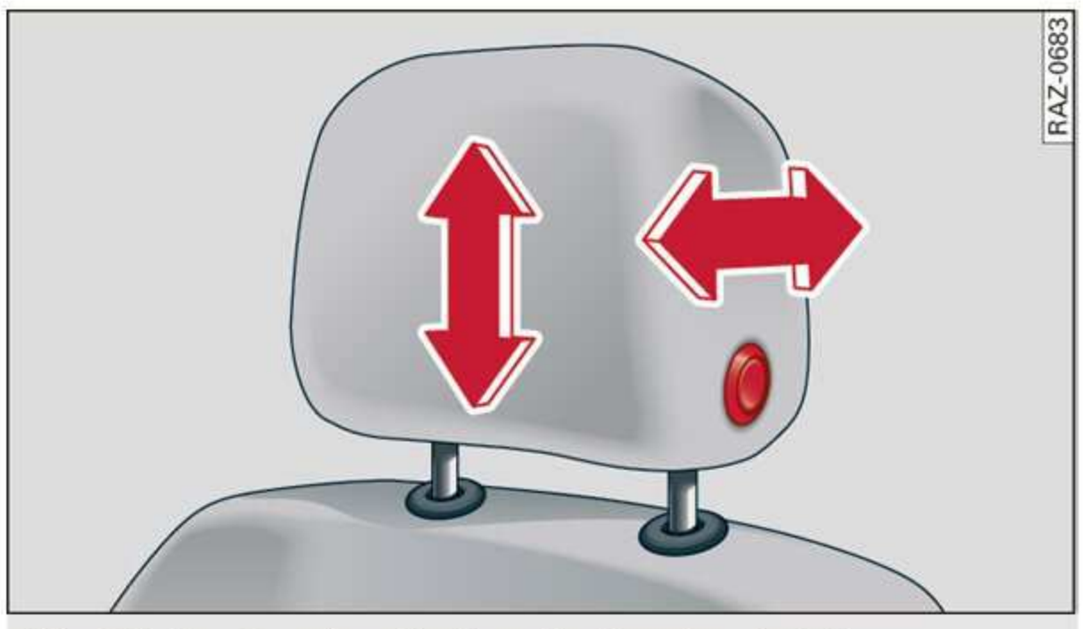


Fig. 61 Front seat: adjusting the head restraint

Adjusting the head restraints

- ▸ To adjust the head restraint upward or forward, slide it until it locks into place.
- ▸ To adjust the head restraint downward or backward, press the button on the side and slide the head restraint. Release the button and slide the head restraint farther until it locks into place.

Rear head restraints

Applies to: vehicles with adjustable head restraints

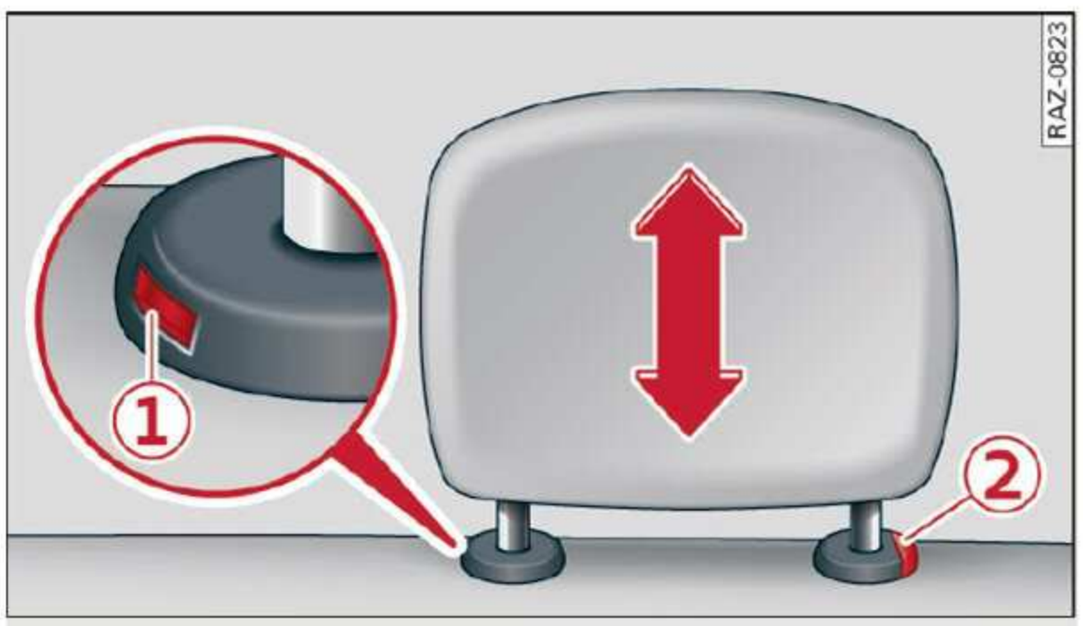


Fig. 62 Rear seat: adjusting or removing the head restraint

Adjusting the head restraints

- ▸ To adjust the head restraint upward, slide it until it locks into place.
- ▸ To adjust the head restraint downward, press the button ② and slide the head restraint. Release the button and slide the head restraint farther until it locks into place.

Removing the headrests

Applies to: vehicles with removable head restraints

- ▸ Fold the backrest forward slightly ⇨ *page 63*.
- ▸ Move the head restraint upward all the way.
- ▸ Insert a suitable object, such as the the extended vehicle key or mechanical key, into the release point ① on the inside or outside of the base.[1)]
- ▸ Press the button ② and pull the head restraint out of the backrest.

Installing the headrests

- ▸ Fold the backrest forward slightly ⇨ *page 63*.
- ▸ Slide the posts on the head restraint down into the guides until the posts click into place.
- ▸ Press the button ② and slide the head restraint all the way down. It should not be possible to remove the head restraint from the backrest without pressing the button.

⚠ WARNING

Only remove the head restraints from the rear seats when it is necessary for installing a child safety seat ⇨ *page 303, Child safety*. Install the head restraint again immediately once the child safety seat is removed. Driving with the head restraints removed or not in the upright position increases the risk of serious injury.

Steering wheel

General information

Make sure that:

– The distance between your upper body and the steering wheel is at least 10 in (25 cm)
– Your arms are bent slightly at the elbows
– You have a sufficient view of the area around the vehicle and you have a clear view of the instrument cluster and head-up display*.
– You are always holding the steering wheel with both hands on the outer edge at the sides (9:00 and 3:00 position) when driving

⚠ WARNING

– To reduce the risk of an accident, make sure the steering wheel is adjusted correctly and cannot be moved out of position before you start to drive.
– If you are too close to the steering wheel, the driver's airbag cannot provide optimal protection, which increases the risk of injury or fatality.
– Never hold the steering wheel in the 12:00 position or in any other way, such as holding the center of the steering wheel. Otherwise, ▸

1) Some versions of the center head restraints do not have a release point and can be removed without a vehicle tool kit.

your arms, hands, and head could be injured in the event that the driver's airbag deploys.
– If your physical characteristics prevent you from sitting at least 10 inches (25 cm) or more away from the steering wheel, see if an authorized Audi dealer or authorized Audi Service Facility can provide adapters that will help.

Adjusting the steering wheel position manually

Applies to: vehicles with manual steering wheel adjustment

The steering wheel position is adjustable up and down and forward and back.

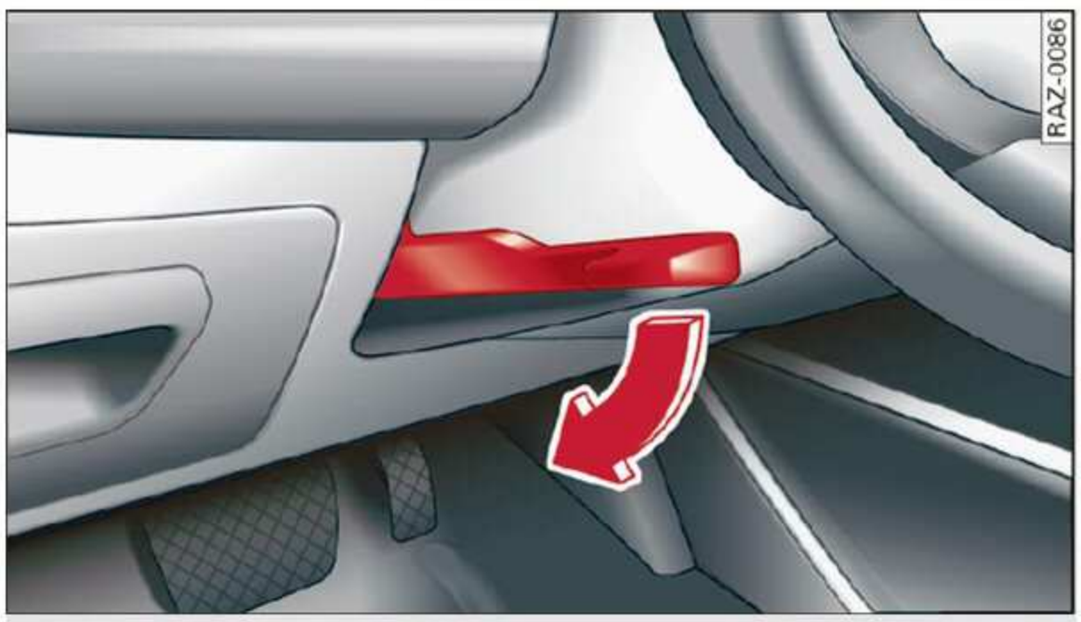


Fig. 63 Steering column: lever for adjusting the steering wheel position

- ▸ Pull the lever in the direction of the arrow.
- ▸ Bring the steering wheel into the desired position.
- ▸ Push the lever all the way up until it engages.

Power steering wheel position adjustment

Applies to: vehicles with power steering wheel adjustment

The steering wheel position can be adjusted electrically up/down and forward/back.



Fig. 64 Steering column: switch for adjusting the steering wheel position

- ▸ To move the steering wheel upward or downward, press the switch upward or downward.
- ▸ To move the steering wheel forward or backward, press the switch forward or backward.

The steering wheel can also be adjusted when the ignition is switched off.

In vehicles with memory function, the steering column settings are stored together with the seat position.

Memory function

Description

Applies to: vehicles with memory function

With the memory function, you can save and recall seat profiles using the memory buttons in the door trim panel and with the vehicle key.

The driver's seat profile is stored again and assigned to the vehicle key each time the vehicle is locked. When you open the door, the seat profile is automatically recalled. If two people use one vehicle, it is recommended that each person always uses “his or her own” vehicle key.

Depending on the equipment, it may be possible to store the following settings:

– **Driver's seat:** seat, steering wheel*, exterior mirrors*

Vehicle key

Applies to: vehicles with memory function

The driver's seat profile can be assigned to the vehicle key when the vehicle is locked.

- ▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Vehicle settings** > **Seats** > **Driver's seat** > **Store settings on remote control key**.

Tips

If you do not wish to have the seat profile for another driver assigned to the vehicle key, switch the memory function off in the Infotainment system.

Memory buttons

Applies to: vehicles with memory function



Fig. 65 Driver's door: memory function buttons

Storing a seat profile

- ▸ Press the SET button. The LED in the button will turn on.
- ▸ Press memory button 1 or 2.

A signal tone will sound when it is successfully stored.

Recalling a seat profile

- ▸ If the driver's door is open and the ignition is switched off, press the memory button.
- ▸ If the driver's door is closed or the ignition is switched on, press and hold the memory button until the seat adjustment is complete.

WARNING

– For safety reasons, the seat setting can only be recalled when the vehicle is stationary to reduce the risk of an accident.
– In an emergency, the seat adjustment process can be stopped by pressing the SET button or the buttons ① or ② ⇨ *page 53, fig. 55* or ⇨ *page 53, fig. 56*.

Stowing and using

Power sources

When the ignition is switched on, you may be able to use the power sources for external devices, depending on the vehicle equipment.

12 volt sockets

You can connect electrical accessories to the 12 volt sockets. The power usage must not exceed 120 watts.

The 12 volt sockets are labeled with the 12V symbol. They are located in the front center console, in the rear* and on the side trim panel in the luggage compartment*.

USB ports

Applies to: vehicles with USB port

You can charge mobile devices using the USB ports. The USB ports are labeled with the ⇠ or ⇠ symbol or CHARGE ONLY.

WARNING

– To reduce the risk of fatal injury, store all connected devices securely when driving so that they do not move around inside the vehicle when braking or in the event of an accident.
– Incorrect usage can lead to serious injuries or burns. To reduce the risk of injuries, never leave children unattended in the vehicle with the vehicle key.

Note

– Read the operating manuals for the connected devices.
– To reduce the risk of damage to the vehicle electrical system, never attempt to charge the vehicle battery by connecting accessories that provide power to the power sources.
– Do not connect any device whose network class (voltage) does not match the network class designed for the socket.
– Disconnect the connectors from the power sources carefully to reduce the risk of damaging them.

Storage

Cup holders

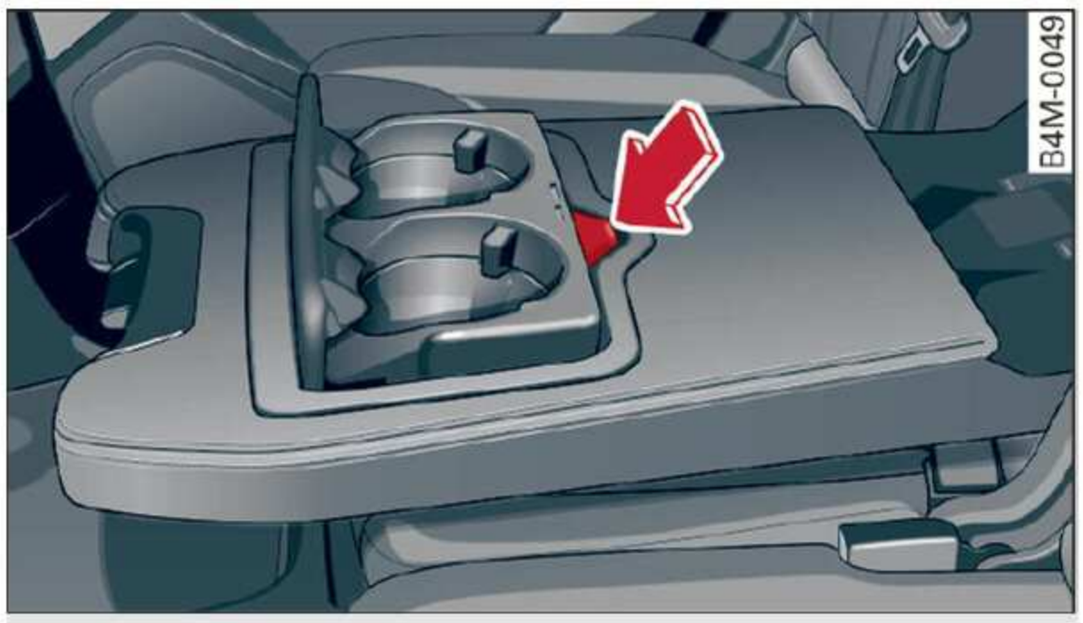


Fig. 66 Rear center armrest*: cup holders

Your vehicle has cup holders in the front center console and in the rear center armrest*.

Cup holders in the rear center armrest*

- Fold down the center armrest* by pressing on the release lever (1) ⇨ *page 63, fig. 72*.
- Press the button to open the cup holder ⇨ *fig. 66*.
- To close the cup holder, fold the cover back until it clicks into place.

WARNING

– Do not put any hot beverages in the cup holder while the vehicle is moving. Hot beverages could spill, which increases the risk of injury.
– Do not use any breakable beverage containers (for example, made out of glass or porcelain). You could be injured by them in the event of an accident.

Note

Beverage containers in the cup holders should always have a lid. Otherwise, the liquid inside could spill and cause damage to vehicle equipment.

Climatized cup holders

Applies to: vehicles with climatized cup holders



Fig. 67 Center console: climatized cup holder

- ▸ Press the button to keep your beverage cold. The LED turns blue ①.
- ▸ Press the button again to keep your beverage warm. The LED turns red ②.
- ▸ To turn off the cooling or heating function, press the button repeatedly until the LEDs ① and ② turn off.

When cooling, the temperature will reach approximately 38 °F (3 °C). When heating, the temperature will reach approximately 128 °F (53 °C). When the temperature reaches 104 °F (40 °C), the heat indicator ③ also turns on to remind you not to touch the plate when it is too hot. The display turns off if the temperature falls below this value.

WARNING

- To reduce the risk of burns, never touch the beverage holder plate when the heat indicator is on.
- Do not use any breakable beverage containers (for example, made out of glass or porcelain). You could be injured by them in the event of an accident.

Note

Beverage containers in the cup holders should always have a lid. Otherwise, the liquid inside could spill and cause damage to vehicle equipment.

Tips

Do not cover the side vent grille ⇨ *fig. 67*; or the function of the cup holder may be impaired.

Additional storage

You will find a variety of storage compartments and holders at various locations in the vehicle.

- Glove compartment: The glove compartment can be locked* using the mechanical key ⇨ *page 26*.
- Storage compartments in the door trim panels
- Storage compartment under the front center armrest
- Garment hooks above the rear doors*
- Nets* on the left/right luggage compartment trim panel
- Tie-downs* on the left luggage compartment trim panel
- Bag hooks* in the luggage compartment

WARNING

- To reduce the risk of injury, make sure all storage compartments are always closed while driving.
- Loose objects can be thrown around the vehicle interior during sudden driving or braking maneuvers, which increases the risk of an accident. Store objects securely while driving.
- Only use the storage compartments in the door trim panels to store small objects that will not stick out of the compartment and impair the function of the side airbags.
- Due to strength reasons, only secure objects up to 11 lbs (5 kg) with the tie-downs*. Heavier objects are not adequately secured. There is risk of personal injury.
- Only lightweight clothing should be hung from the garment hooks in the vehicle. Do not use clothes hangers to hang clothing. The pockets of the clothing must not contain any heavy, breakable, or sharp-edged objects. This could impair the effectiveness of the side curtain airbags. ▶

– Make sure your view toward the rear is not blocked, for example by hanging clothing or objects in the vehicle.

Luggage compartment

General information

All pieces of luggage or objects must be securely fastened in the luggage compartment. Note the following to maintain good vehicle handling:

- ▸ Distribute the load evenly in the luggage compartment.
- ▸ Stow heavy luggage as far forward in the luggage compartment as possible.
- ▸ Use non-elastic cords attached to the tie-downs to secure objects.

WARNING

– The luggage compartment cover is not a surface for storing objects. Objects placed on the cover increase the risk of injury to all vehicle occupants during sudden driving or braking maneuvers or in the event of an accident.
– Loose objects can be thrown around the vehicle interior during sudden driving or braking maneuvers, which increases the risk of an accident. Always stow objects securely in the luggage compartment and secure them at the tie-downs. Use straps suitable for heavy objects.
– If pieces of luggage or objects are secured to the tie-downs with unsuitable or damaged straps, this can increase the risk of injury during braking maneuvers or accidents.
– When transporting heavy objects, the vehicle characteristics will change due to the shift in the center of gravity, which increases the risk of an accident. You may need to adapt your driving style and speed to the current conditions.
– The cargo net is only strong enough to secure light objects. Heavy objects are not adequately secured. Attempting to secure heavy objects increases the risk of injury.
– Never exceed the permitted axle and load and vehicle weight ⇨ *page 393*.
– Never secure a child safety seat to the tie-downs.
– Never leave your vehicle unattended, especially if the luggage compartment lid is open. Children could enter the luggage compartment and close the luggage compartment lid from the inside. This creates the risk of fatal injury, since the children would be locked in and may not be able to escape by themselves.
– Do not allow children to play in or on the vehicle. Close and lock the luggage compartment lid as well as all other doors when you leave the vehicle.
– Never transport passengers in the luggage compartment. Every passenger must be correctly secured with the safety belts in the vehicle ⇨ *page 273*.
– Be careful when releasing the backrest and folding it forward. To reduce the risk of being pinched, pay attention and check when folding backrests forward.
– The backrest must be securely latched so objects cannot slide forward out of the luggage compartment during sudden braking.
– The backrest must be latched securely to ensure that the safety belt is protecting the center seating position.
– Always pull forward on the backrest to make sure it is check if it is correctly locked in place.

Note

– To reduce the risk of damage, move the rear head restraints down before folding the rear backrests forward ⇨ *page 56*.
– When folding the backrest forward, make sure the outer safety belts are in the belt guide recess so that they do not get pinched in the backrest lock and damaged. Other objects should be removed from the rear bench seat to protect the backrest from damage.
– If you move the front seat back when the rear seat backrest is folded forward, you could damage the head restraints on the rear seat.

▶

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– Make sure that the heating grid strips for the rear window defogger are not damaged by abrasive objects.
– Let the luggage compartment cover roll up slowly to reduce the risk of damage.

Tips

– The tire pressure must be adapted to the load ⇨ *page 351*.
– You can purchase straps at specialty stores.

Luggage compartment cover

Applies to: vehicles with luggage compartment cover

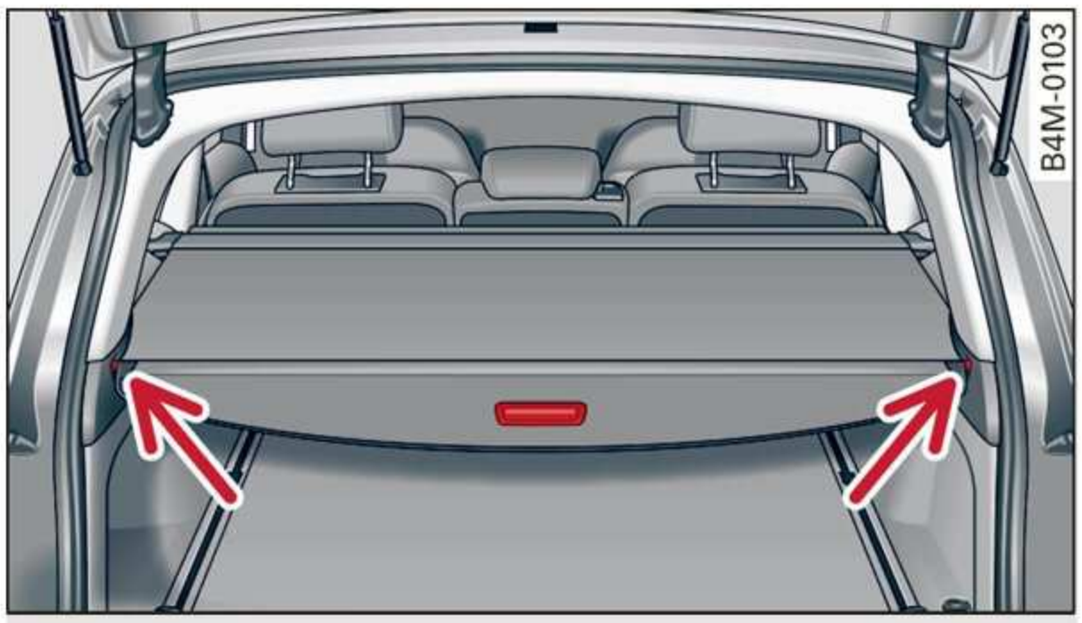


Fig. 68 Luggage compartment: cover attached



Fig. 69 Luggage compartment: removing and installing the luggage compartment cover

Follow the safety precautions ⇨ *page 61*.

► To attach the luggage compartment cover, pull the cover out by the handle and secure it in the mounting eyelets in the side trim panel ⇨ *fig. 68*.
► To remove the luggage compartment cover, pull both levers firmly ⇨ *fig. 69* and remove the cover upward.
► To install the luggage compartment cover, place the cover in the side trim panel mounts on the left side.
► Push the cover downward until it clicks into place.

Rear lowering

Applies to: vehicles with air suspension



Fig. 70 Left side of the luggage compartment: rear lowering button

The rear of the vehicle can be lowered to make loading and unloading easier.

Requirement: all vehicle doors must be closed. The trailer mode for air suspension is switched off.

► Open the luggage compartment lid.
► Press the lower section of the button ①. The rear of the vehicle lowers.
► Press the upper section of the button ②. The rear of the vehicle will lift.

The LED in the button will turn on while the vehicle is lowering. When the loading level has been reached, the LED will stay on as long as the rear of the vehicle is in the lowered position. The LED turns off when the vehicle returns to the original level.

The rear of the vehicle will be automatically raised when you select another mode or start to drive.

Note

– Do not park the vehicle in a lowered loading level.
– Before the rear lowering ends, make sure there is enough clearance above the vehicle and the luggage compartment lid, if it is open. ►

Tips

– The vehicle will not lower when the ignition is switched off if the compressed air reservoir is empty. The button LED blinks three times.
– If the compressed air reservoir is empty, it is refilled while driving at speeds above 25 mph (40 km/h).

Increasing the size of the vehicle interior

Applies to: vehicles with folding backrests

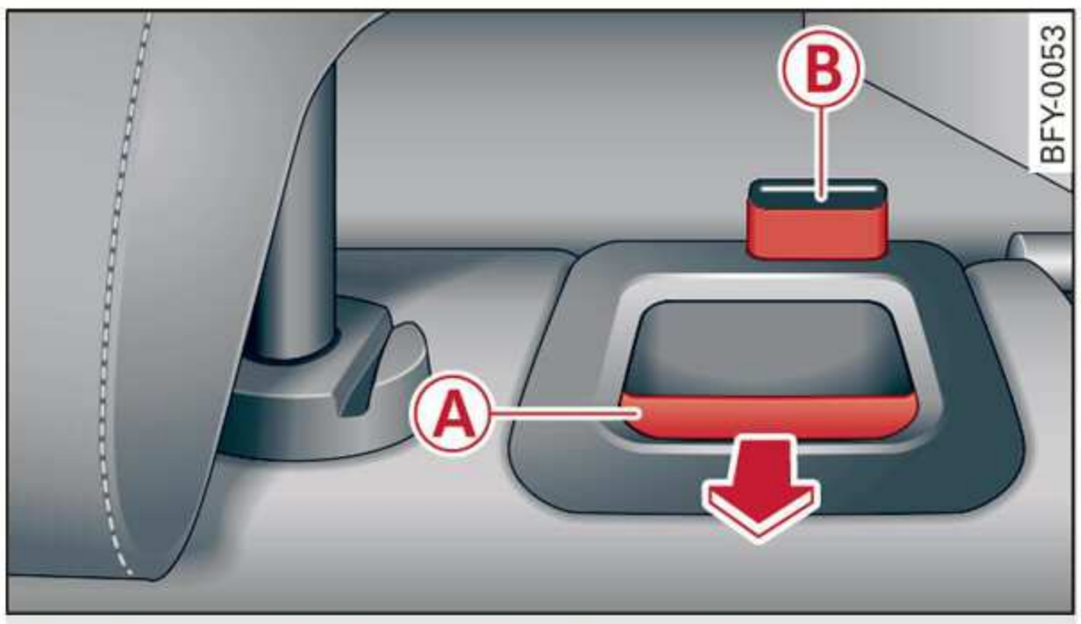


Fig. 71 Outer backrest: release lever and securing knob

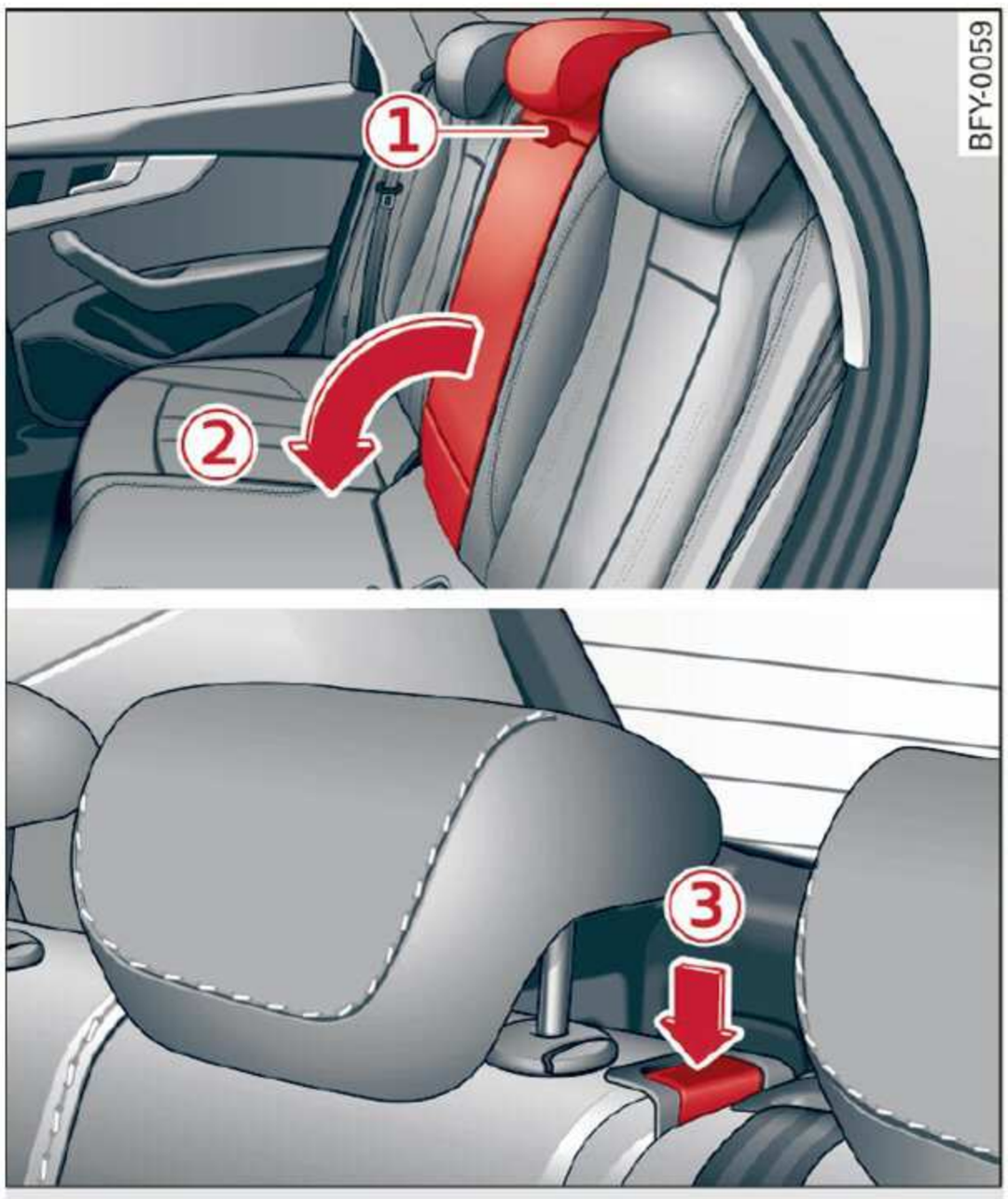


Fig. 72 Center backrest: release lever and release button*

The rear seat backrests can be folded forward either separately* or together.

Follow the safety precautions ⇨ *page 61*.

Folding the outer rear backrests forward and backward

► Pull the release lever Ⓐ in the direction of the arrow or pull the lever* ⇨ *page 54, fig. 59* upward. The backrest will swing forward. Allow it to lock into the lowest position.
► Fold the backrest back up again until it locks into place and the red marking Ⓑ is no longer visible.

Folding the center rear backrest forward and backward

► Pull on the upper release lever ① and fold the backrest forward ②, or
► Press the release button* ③ downward. The red marking will become visible. Fold the backrest forward.
► Fold the backrest back up again until it locks into place and the red marking Ⓑ is no longer visible.

Increasing the size of the luggage compartment

Applies to: vehicles with release lever in the luggage compartment

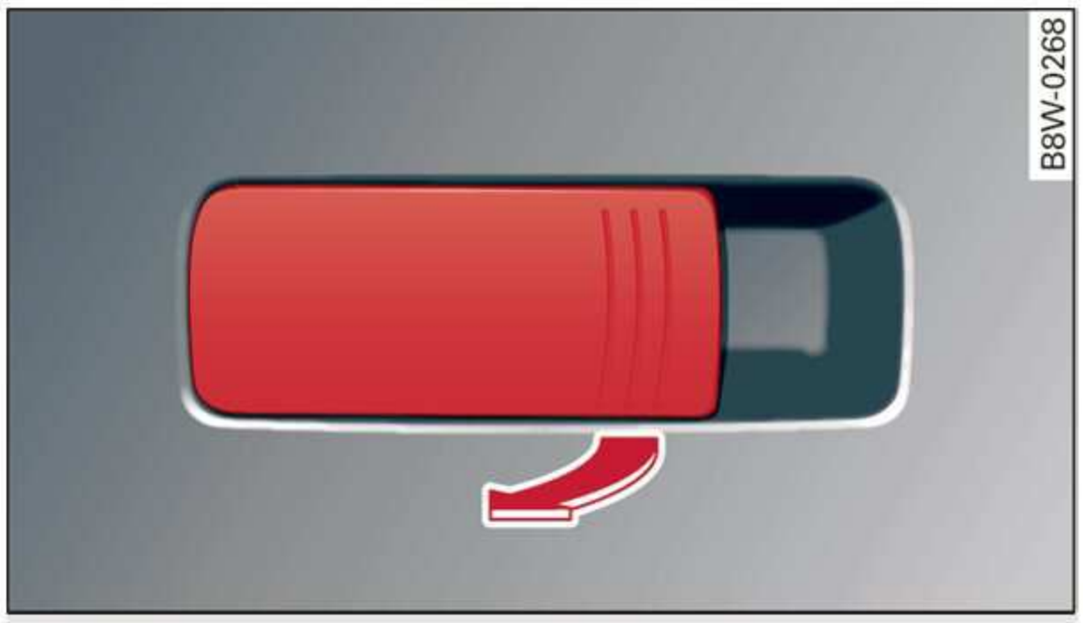


Fig. 73 Luggage compartment: release lever

The rear seat backrests can be folded forward either separately* or together.

Follow the safety precautions ⇨ *page 61*.

Folding the backrest forward

► Pull the release lever ⇨ *fig. 73* in the direction of the arrow to fold the backrest forward. ▶

Folding the backrest back into the upright position

► Fold the backrest back up again until it locks into place and the red marking Ⓑ ⇨ *page 63, fig. 71* is no longer visible.

Partition net

Applies to: vehicles with partition net

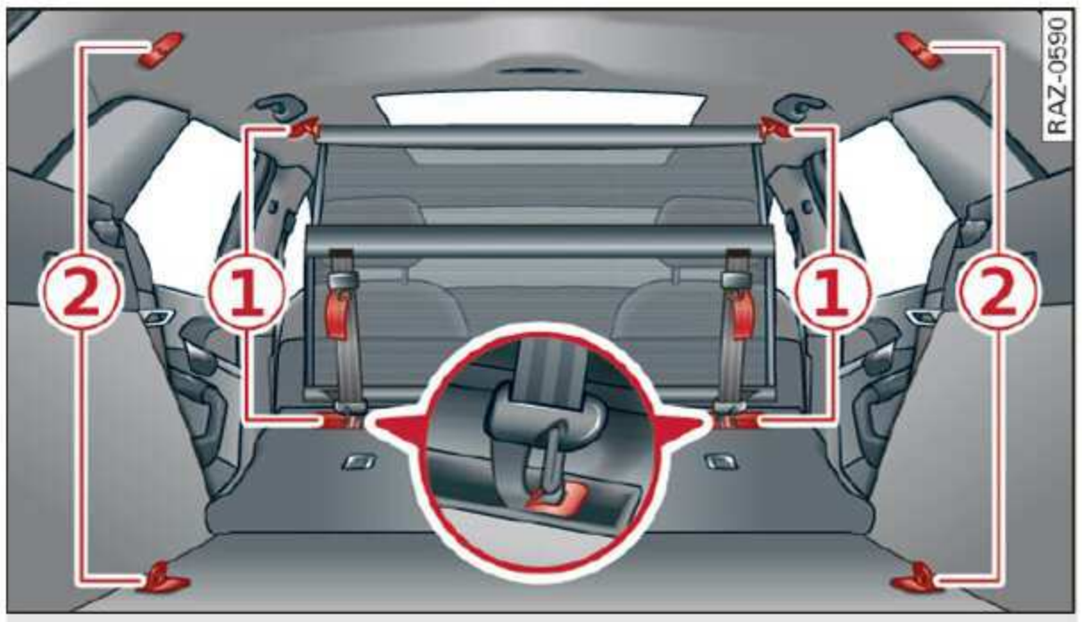


Fig. 74 Backrest folded forward: partition net

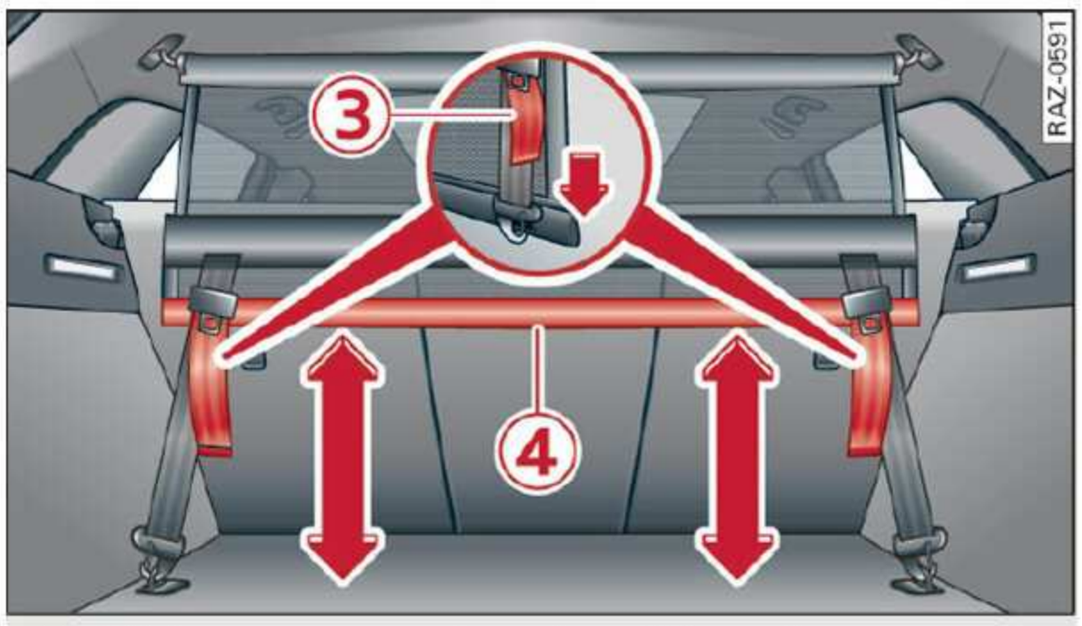


Fig. 75 Luggage compartment: partition net

The partition net prevents objects from sliding into the passenger compartment. You can attach the partition net behind the front or rear seats. Use the mounting eyelets ① or ② for this.

Follow the safety precautions ⇨ *page 61*.

► Fold the backrest forward, if necessary ⇨ *page 63*.
► To attach the partition net, secure it in the upper mounting eyelets first, and then in the lower mounting eyelets.
► Tighten and secure the straps ③.
► Slide the lower section of the partition net to the desired level ④.
► To release the partition net, loosen the straps.

Tips

– The straps must face toward the rear when attaching the partition net.
– The partition net can also be attached to the adjustable tie-downs* ⇨ *page 64*.
– You must disengage the partition net before folding the backrest back into the upright position.

Tie-downs and luggage compartment net

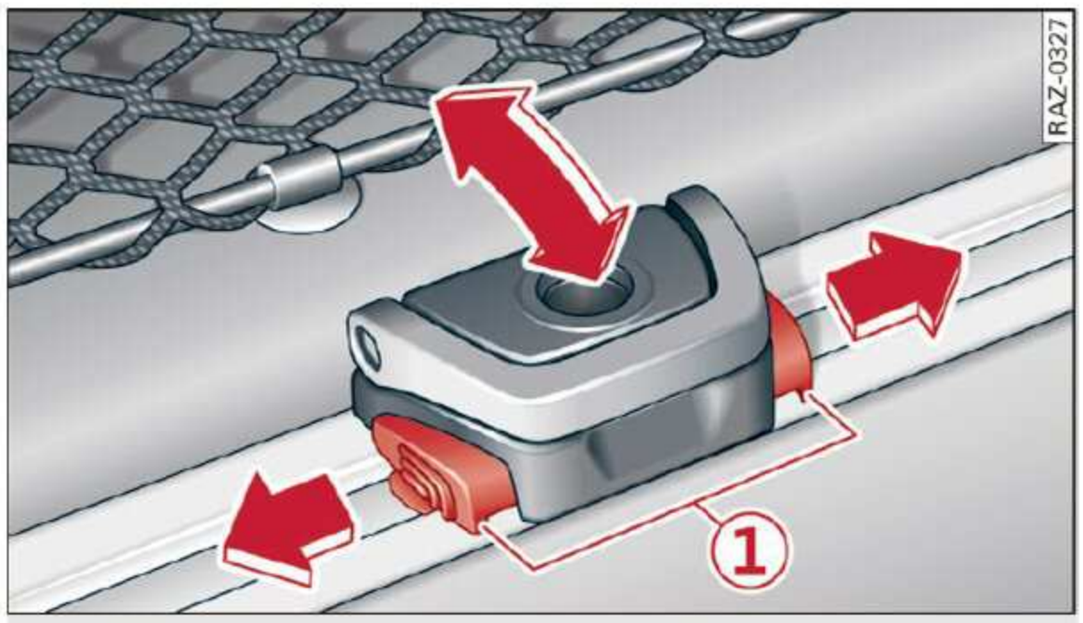


Fig. 76 Luggage compartment: movable tie-downs

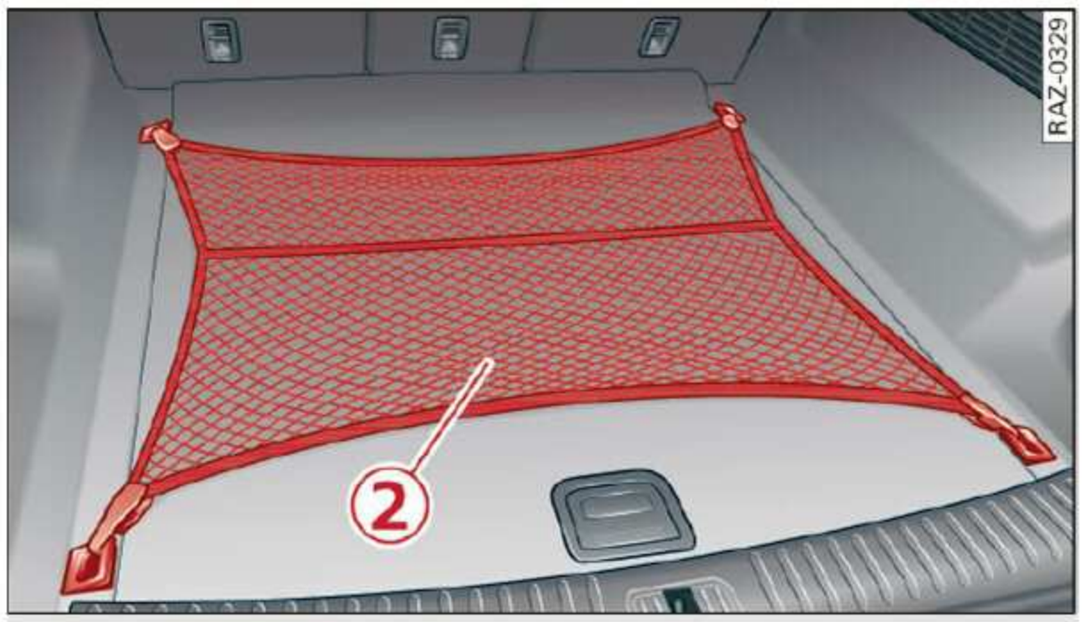


Fig. 77 Luggage compartment: cargo net stretched out

Follow the safety precautions ⇨ *page 61*.

Tie-downs

There are tie-downs in the luggage compartment to secure pieces of luggage and objects.

► Use the tie-downs to secure the cargo.

Movable tie-downs

Applies to: vehicles with movable tie-downs

► To install the tie-downs, press both buttons at the sides ① and remove the tie-down from the rail.
► To slide the tie-downs, press both of the side buttons and slide the tie-downs to the desired position. The tie-downs must lock in place. ▶

- To remove the tie-downs, press both buttons at the sides and remove the tie-down from the rail.

Cargo net

Applies to: vehicle with cargo net

Use the cargo net (2) to secure lighter objects in the luggage compartment

- Fold the clip for the tie-downs upward.
- Attach the hooks for the cargo net to the tie-downs.

Fixture set

Applies to: vehicles with a fixture set

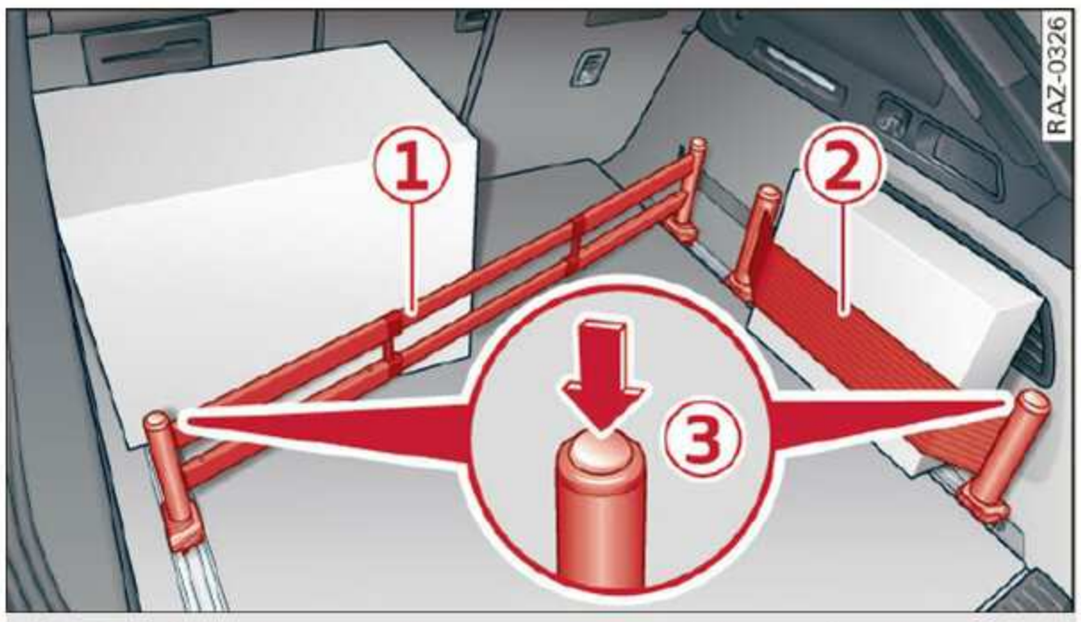


Fig. 78 Luggage compartment: securing attachments

The telescoping rod (1) and the securing strap (2) help to prevent objects from sliding around in the luggage compartment.

Follow the safety precautions ⇨ *page 61*.

- Insert the movable tie-downs ⇨ *page 64*.
- Press the button (3) on the retainers and place them on the tie-downs. Make sure the brackets are locked into place.
- Slide the tie-downs into the desired position.
- Press the button to tighten the securing strap.

Folding cargo mat

Applies to: vehicles with cargo mat

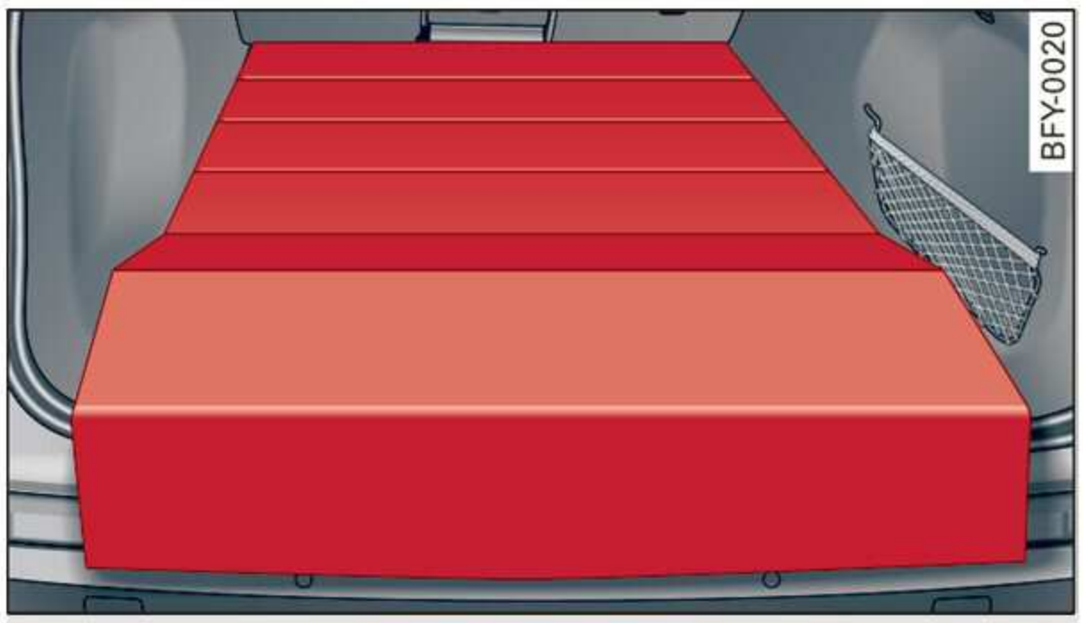


Fig. 79 Luggage compartment: cargo mat spread out lengthwise

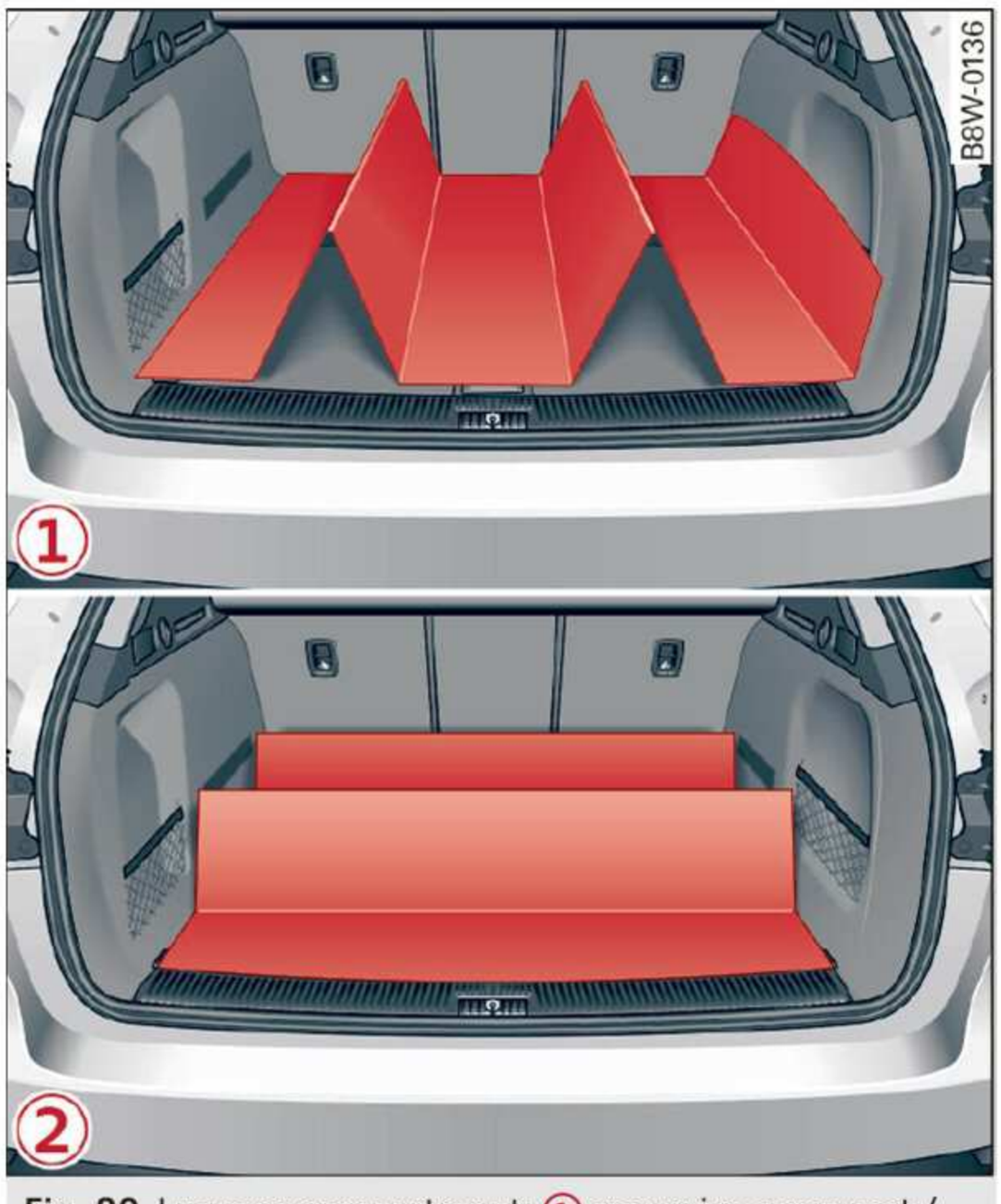


Fig. 80 Luggage compartment: (1) crosswise cargo mat / (2) lengthwise cargo mat

The cargo mat protects the luggage compartment and bumper from dirt and scratches.

Follow the safety precautions ⇨ *page 61*.

The cargo mat can be folded and that makes it possible to partition the loading surfaces into separate sections ⇨ *fig. 80*.

You can extend the cargo mat lengthwise when the backrest is folded up or down ⇨ *fig. 79*. If you extend it crosswise, you can also protect the side trim panels. ▶

The cargo mat can be used on both sides. After loading or unloading, fold up the cargo mat and close the luggage compartment lid. Only store the cargo mat if it is dry.

You can save room by storing the cargo mat at the sides of the luggage compartment.

Cargo floor

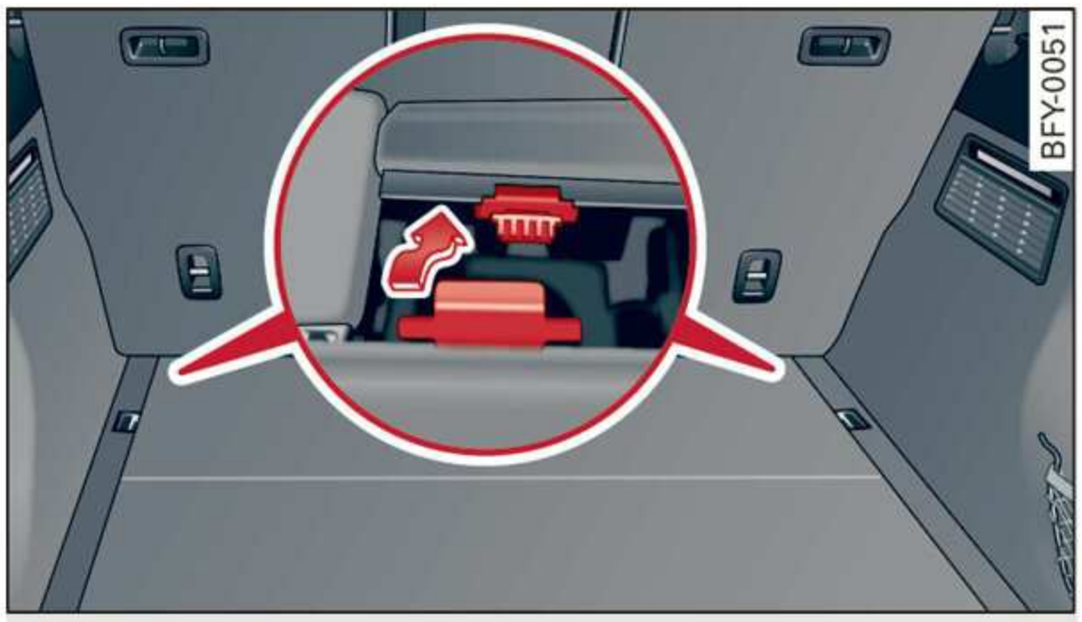


Fig. 81 Luggage compartment: installing the cargo floor

Removing and installing the cargo floor

- ▸ To remove the cargo floor, pull the entire cargo floor toward the back of the vehicle.
- ▸ To insert the cargo floor, slide it toward the backrests until it audibly engages into the tabs ⇨ *fig. 81*.

Roof rack

Applies to: vehicles with roof rack

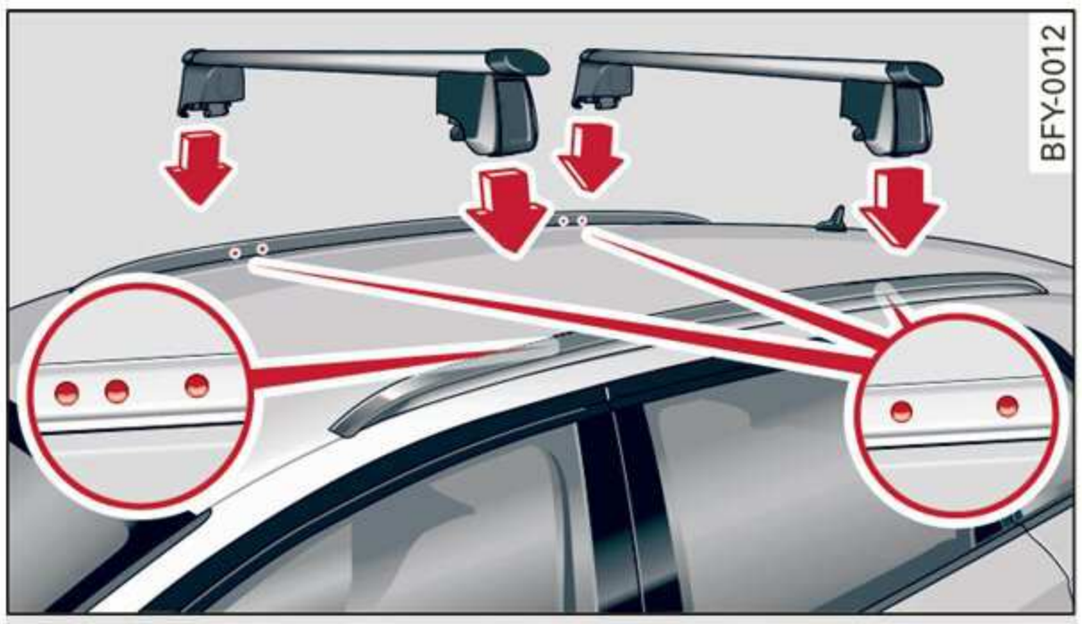


Fig. 82 Roof rail: mounting points

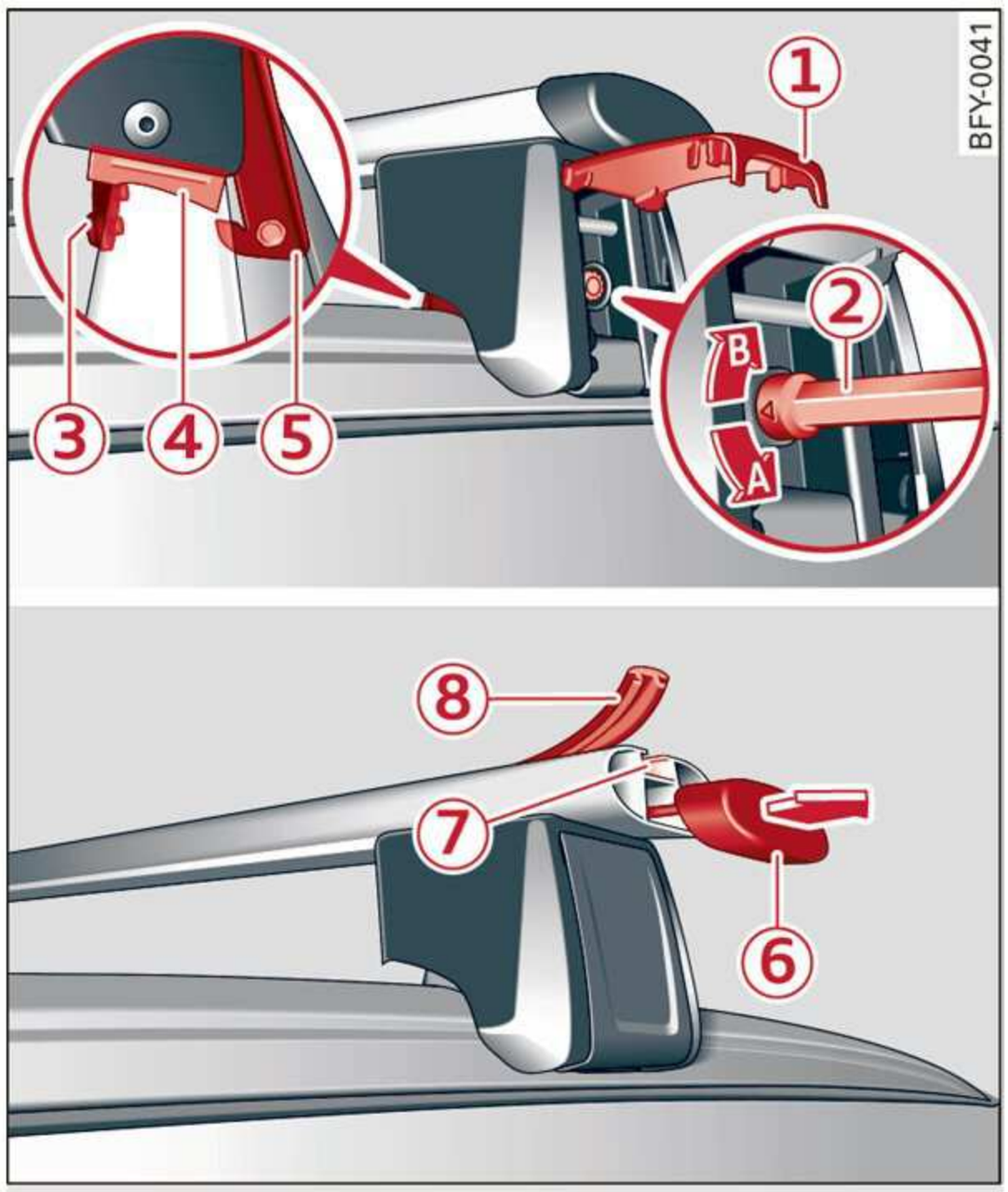


Fig. 83 Roof rail: installing a roof rack

If luggage or cargo is to be carried on the roof, you must observe the following:

Only approved roof racks may be used on your vehicle. These roof racks are the basis for a complete roof rack system. Additional attachments or carrier systems are needed to transport luggage and sports equipment. Roof racks and attachments from the Audi Genuine Accessories program are recommended.

When installing the roof rack, make sure that it is mounted only at the designated points on the roof ⇨ *fig. 82*.

Note the permitted axle load, permitted total weight, and permitted roof load of your vehicle ⇨ *page 393*. The roof load is the total of the weight of the roof rack, the attachments and the cargo you are carrying. However, you must also note the permitted load of the carrier system being used.

Installing the roof rack

Applies to: Vehicles with roof racks supplied by the factory

The roof rack set consists of a front and rear roof rack, the cover profile and a socket wrench. On the inner side of the roof rail, there are two holes for the rear roof rack. To prevent the front and ▶

rear roof racks from being switched during installation, there are three holes on the left inner side and two holes on the right inner side.

- ▸ Before mounting the roof rack, open the cap ① upward.
- ▸ Use the socket wrench ② to loosen the left and right screw in the direction of Ⓐ until resistance is felt. Make sure the arrow on the socket wrench and the arrow on the screw line up exactly.
- ▸ Clean the rubber washers ④ and the roof rail around the mounting points.
- ▸ Carefully place the roof rack over the holes in the roof rail. Make sure the sticker is on the left side of the vehicle and the imprinted arrow points in the direction of travel.
- ▸ Place the pins ③ into the holes. The claw fastener ⑤ must engage into the edge of the roof rail. Make sure the rubber washers ④ lie flat on the roof rail.
- ▸ Tighten the screw in the direction of Ⓑ using the socket wrench. Make sure the arrow on the socket wrench and the arrow on the screw line up exactly. The required tightening specification is 4 ft lbs (6 Nm).
- ▸ Repeat these steps for the other mounting points for the roof rack.

Installing the attachments

Applies to: Vehicles with roof racks supplied by the factory

- ▸ Remove the cap ⑥ to mount attachments on the roof rack.
- ▸ Slide the attachment into the T-groove ⑦.
- ▸ Tighten the attachment according to the roof rack installation instructions.
- ▸ Close the cap ⑥.

Installing the cover profile

Applies to: Vehicles with roof racks supplied by the factory

- ▸ After you have mounted the attachments, seal the openings in the T-groove ⑦ with the cover profile ⑧.
- ▸ If you do not want to use the attachment, seal the whole T-groove ⑦ with the cover profile ⑧.
- ▸ If necessary, cut the cover profile to the necessary length.

⚠ WARNING

- – Follow the installation instructions provided with the roof rack system. If you do not secure the roof rack system and objects on the roof correctly, they could come loose from the vehicle and cause an accident.
- – The risk of an accident increases when using a roof rack system, because it changes the driving characteristics by shifting the center of gravity and/or the increasing the surface area exposed to wind. You may need to adapt your driving style and speed to the current conditions. We recommend that you do not drive faster than 80 mph (130 km/h).
- – Distribute the cargo evenly on the roof rack and do not exceed the maximum width or the maximum total roof load weight.
- – Before every trip, all bolts and connections on the roof rack must be checked. Tighten them if necessary and recheck them regularly. If you do not do this, there is a higher risk of the roof rack or the attachments loosening or falling off.
- – Applies to: Vehicles with roof racks supplied by the factory When installing a factory-supplied roof rack system on the roof rail, the ESC will use sensors to adapt itself to the different center of gravity if it changes because of carrying a load. This does not occur when using other roof rack systems, so the risk of an accident will increase.

Note

- – If you use other roof luggage rack systems or do not install the roof racks as specified, then any damage to the vehicle is not covered by the warranty. Carefully follow the assembly and installation instructions included with the roof rack carrier system.
- – To reduce the risk of damage, you must remove the roof rack and attachment before taking your vehicle through an automatic car wash.
- – Make sure that the luggage compartment lid and the panoramic glass roof* do not ▶

come into contact with objects on the roof when they are open.

For the sake of the environment

Energy usage will increase because of the increased wind resistance. Remove the roof rack when you are no longer using it.

Warm and cold

Climate control system

Description

Your vehicle has a deluxe automatic climate control system with 3 zones where the temperature, air distribution, and air supply can be set separately on the left front side, the right front side, and in the rear.

The climate control system warms, cools and removes humidity from the air in the vehicle interior. It is the most effective when the windows and panoramic glass roof* are closed. If there is a build-up of heat inside the vehicle, ventilation can help to speed up the cooling process.

In all heating mode functions except defrost, the blower only switches to a higher speed once the engine coolant has reached a certain temperature.

Pollutant filter

The pollutant filter removes pollutants such as dust and pollen from the air.

For the sake of the environment

Energy can be saved by switching off the A/C mode.

Tips

– To prevent interference with the heating and cooling output and to prevent the windows from fogging over, the air intake in front of the windshield must be free of ice, snow, and leaves.
– Condensation from the cooling system can drip and form a puddle of water under the vehicle. This is normal and does not mean there is a leak.
– The energy management system may temporarily switch off certain functions, such as the seat heating* or rear window defogger. These systems are available again as soon as the energy supply has been restored.
– The climate control settings are automatically stored and assigned to the vehicle key that is in use.

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3-zone deluxe automatic climate control

Operation

Applies to: vehicles with 3-zone deluxe automatic climate control system

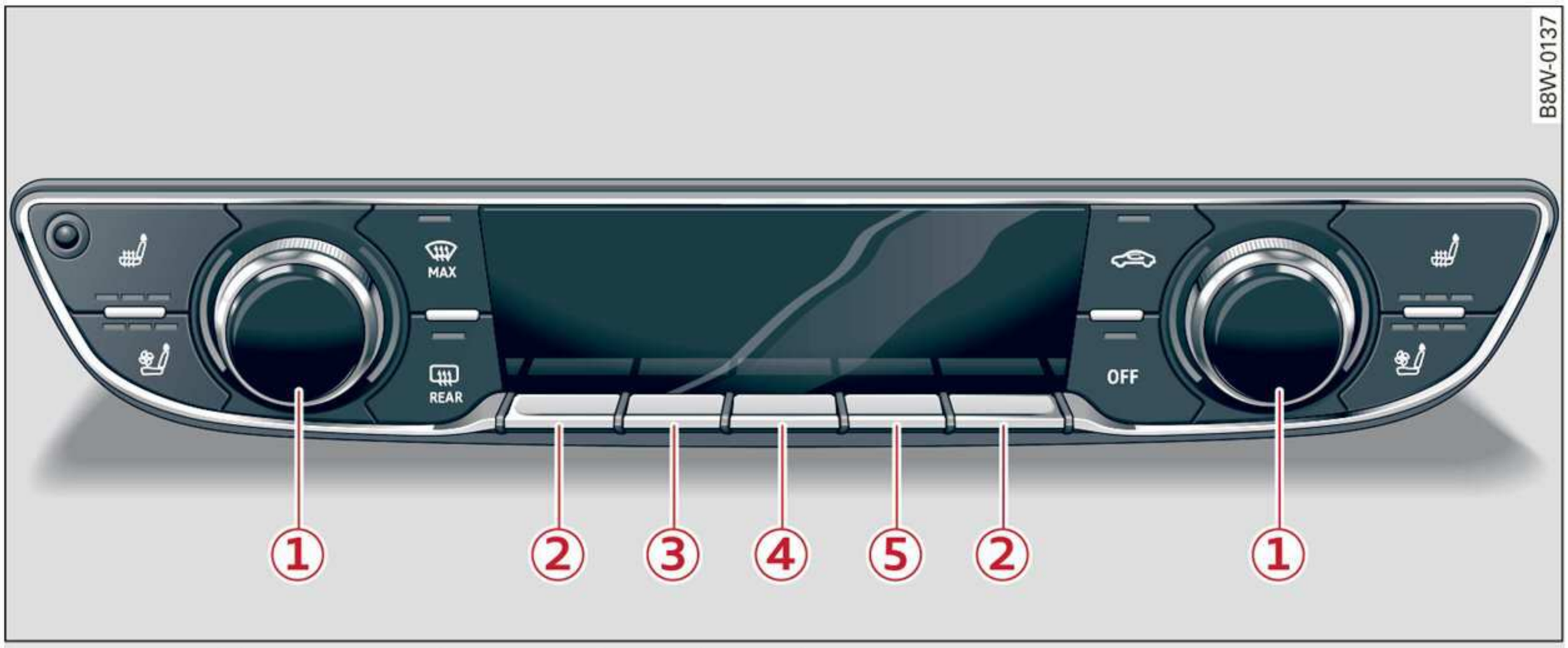


Fig. 84 3-zone deluxe automatic climate control: controls in cockpit



Fig. 85 3-zone deluxe automatic climate control system: rear controls

Press the knobs, buttons or rocker switches to turn the functions on or off. When the function is switched on, the LED in the respective button or knob turns on ⇨ *fig. 84*.

Some rocker switches can be assigned with multiple functions. The various functions can be activated by pressing on the switch multiple times. On right-hand drive vehicles*, the functions of the rocker switches ③ and ⑤ are reversed.

The driver and front passenger settings can be adjusted separately. You can adjust the settings for the rear of the vehicle using the controls in the rear ⇨ *fig. 85*.

OFF Climate control system

The OFF button switches the climate control system on or off. It also switches on when you press another button or a knob. Airflow from outside is blocked when the climate control system is switched off.

A/C / A/C MAX* / A/C eco* Cooling mode

You can switch the respective cooling mode on and off with the rocker switch ③.

The cooling mode only functions with the blower turned on. The air is cooled and dehumidified in cooling mode. Otherwise the windows can fog ▶

up. Cooling mode switches off automatically when the outside temperature is below zero.

If you activate A/C ON, the cooling mode will be automatically regulated. A/C OFF switches cooling mode off.

If you activate A/C MAX*, the cooling mode will operate with maximum output. To reduce unnecessary energy usage, only use this function briefly.

If you activate A/C eco*, the climate control system will operate in energy-saving mode.

Recirculation mode

In recirculation mode, the air inside the vehicle is circulated and filtered. This prevents the unfiltered air outside the vehicle from entering the vehicle interior. Switching recirculation mode on when driving through a tunnel or when sitting in traffic is recommended ⇨ ⚠.

You can switch the recirculation mode on or off using the button. You can also switch the recirculation mode off by pressing the knob ① or the MAX button.

AUTO Automatic mode

Automatic mode maintains a constant temperature inside the vehicle. Air temperature, airflow and air distribution are controlled automatically. You can switch automatic mode on or off by pressing the knob ①.

Temperature

You can adjust the temperature between 60°F (+16°C) and 84°F (+28°C) by turning the knob ①. If outside of this range, **LO** or **HI** will appear in the climate control system display. In both settings, the climate control runs constantly at the maximum cooling or heating level. The temperature is not regulated.

The temperature can be adjusted in the rear using the rear controls ⇨ *fig. 85*.

Blower

You can adjust the volume of air generated by the blower to your preference using the rocker switch ④. The blower should always run at a low setting to prevent the windows from fogging and to ensure a continuous exchange of air inside the vehicle. To have the blower regulated automatically, press one of the knobs ①.

Air distribution

You can use the rocker switches ② to adjust the vents where the air will flow out of. Press the rocker switches ② repeatedly until the desired air distribution setting is displayed in the climate control system controls. To have the air distribution regulated automatically, press one of the knobs ①.

SYNC Synchronization

Use the rocker switch ⑤ to select the function. When synchronization is switched on, the settings for the driver's side are applied to the front passenger's side and the rear (except for seat heating/ventilation*). When the settings on the front passenger's side or in the rear are changed, the synchronization is automatically switched off and **3-ZONE** appears in the display.

SET REAR Function

Use the rocker switch ⑤ to select the function. When the function is switched on, you can adjust all settings for the rear using the climate control system controls in the cockpit. The rear climate control system controls cannot be operated at the same time. This function switches off automatically after a certain period of time or after leaving the menu.

Seat heating*

Pressing the button switches the seat heating on at the highest setting (level 3). The LEDs indicate the temperature level. To reduce the temperature, press the button again. To switch the seat heating off, press the button repeatedly until the LED turns off.

Seat ventilation*

Pressing the button switches the seat ventilation on at the highest level (3). The LEDs indicate the temperature level. To reduce the ventilation level, press the button again. To switch the seat ventilation off, press the button repeatedly until the LED turns off. ▶

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MAX Defrosting

The windshield and side windows are defrosted or cleared of condensation as quickly as possible. The maximum amount of air flows mainly from the vents below the windshield. Recirculation mode switches off. The temperature should be set at +72°F (+22°C) or higher. The temperature is controlled automatically.

You can switch the defroster on or off using the MAX button. You can switch the function off by pressing a knob (1).

Applies to: vehicles with windshield defogger: The windshield defogger switches on automatically when outside temperatures are low. If you would like to switch the windshield defogger on manually, press the MAX button. The LED in the button blinks.

REAR Rear window defogger

You can switch the rear window defogger on by pressing the REAR button. It only operates when the engine is running. It switches off automatically after 10 to 20 minutes, depending on the outside temperature.

To prevent the rear window defogger from switching off automatically, press and hold the REAR button for more than three seconds.

Vents

You can open or close the center and rear vents in the cockpit and the vents in the rear center console using the ridged thumbwheels. The levers adjust the direction of the airflow from the vents.

Residual heat

You can activate the residual heat function when the ignition is switched off by pressing the knob (1) (left side). The residual heat from the coolant is used to heat the vehicle interior. The residual heat function switches off automatically after about 15 minutes.

WARNING

– You should not use the recirculation mode for an extended period of time, because no fresh air is drawn in and the windows can fog when cooling mode is switched off. This increases the risk of an accident.
– Individuals with reduced sensitivity to pain or temperature could develop burns when using the seat heating* function. To reduce the risk of injury, these individuals should not use seat heating*.

Note

To reduce the risk of damage to the seat heating* elements, do not kneel on the seats or place heavy pressure on one area of the seat.

Basic settings

Applies to: vehicles with 3-zone deluxe automatic climate control system

▶ To adjust basic settings for the climate control system, select in the Infotainment system: MENU button > **Vehicle** > left control button > **Air conditioning**

Auto recirculation

When switched on, automatic recirculation controls the recirculation mode automatically. You must press the MAX button if fog forms on the windows.

Steering wheel heating

Switching on and off

Applies to: vehicles with steering wheel heating

▶ Press the button on the multifunction steering wheel to switch the steering wheel heating on and off.

Tips

The steering wheel heating settings are stored automatically and assigned to the vehicle key that is in use.

Messages

Applies to: vehicles with steering wheel heating

Steering wheel heating: on / Steering wheel heating: off ▶

This message appears if you switched the steering wheel heating on or off by pressing the button on the multifunction steering wheel.

Steering wheel heating: malfunction! See owner's manual

If this message appears, there is a malfunction. Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Auxiliary climate control

Description

Applies to: vehicles with auxiliary climate control

The auxiliary climate control system warms or cools the vehicle interior using only electric power. The vehicle will turn on the auxiliary climate control system if needed, depending on the last temperature that was set with the climate control system controls. This function can be used when the drive system is switched off.

You can turn the auxiliary climate control system on and off immediately in the Infotainment system or set a timer.

Requirement: the high-voltage battery must have a sufficient charge level and there must be enough fuel in the tank.

Tips

- The temperature that the climate control adjusts to depends on the last temperature that was set with the climate control system controls.
- Using the auxiliary climate control while charging can also reduce the charge level of the high-voltage battery.
- The climate control system will not turn on automatically or will turn off earlier if the high-voltage battery charge or fuel supply are too low, even if the vehicle is being charged at the time.
- Starting or stopping the vehicle will not switch off the auxiliary climate control automatically.

Switching on and off

Applies to: vehicles with auxiliary climate control

Switching the auxiliary climate control on/off:

- Select the MENU button > **Vehicle** > left control button > **Auxiliary air conditioning** > **Turn on auxiliary air conditioning** or **Turn off auxiliary air conditioning**.

Tips

The auxiliary climate control can also be switched on and off immediately when a timer is set.

Setting the timer

Applies to: vehicles with auxiliary climate control

By setting the departure time, you determine when your vehicle should reach the desired temperature. You can set the timer in the auxiliary air conditioning menu in the Infotainment system.

When a timer is programmed, the / symbols will stay on until the departure time is reached.

Auxiliary climate control: setting the timer

- Select: MENU button > **Vehicle** > left control button > **Auxiliary air conditioning** > for example > right control button > **Program timer**.
- Set the time and the date.
- Press the BACK button.
- Confirm the setting with the control knob to activate the timer. A ✓ appears in the box.

Error messages

- The high-voltage battery charge level is too low to heat or cool the vehicle using only electric power.

If one of the following symbols appears in the display, then you cannot switch on the auxiliary climate control:

- There is a system malfunction.

- The fuel level is too low.

Tips

– If you switch the ignition off, the timer settings will appear in the Infotainment system display. You can still adjust the settings for several minutes. The climate control system can be started immediately, which will maintain the desired climate control conditions while you are not in the vehicle.
– You can set the timer a maximum of seven days in advance.
– You can operate the climate control in the vehicle interior when the high-voltage battery is charging using the charging timer ⇨ *page 99*. The target climate control output depends on the power supply capacity.
– Make sure the time and date match in the Infotainment system settings so that the timer can function correctly ⇨ *page 261*.
– The auxiliary climate control can continue to run after the departure time is reached.

Additional settings

Applies to: vehicles with auxiliary climate control

► Select: MENU button > **Vehicle** > left control button > **Auxiliary air conditioning** > **Settings**.

Start air conditioning after unlocking*

If this function is activated, the climate control will continue to run for five minutes after the vehicle has been unlocked.

Interior zones*

You can set if the seat heating* or seat ventilation* should also be automatically activated with auxiliary climate control. You can select the respective zones.

Glass surfaces*

You can set if the rear window and mirrors should also be heated during auxiliary climate control.

Fluids in the A/C system

Refrigerant in the A/C system

The sticker in the engine compartment provides information about the type and amount of refrigerant used in the vehicle's A/C system. The sticker is located in the front section of the engine compartment or at the front or back of the hood.

Symbol	Meaning
	Warning: The A/C system must only be serviced by qualified technicians.
	Refrigerant type
	Lubricant type
	Refer to the service information (only available for authorized Audi dealers or authorized Audi Service Facilities)
	The A/C system must only be serviced by qualified technicians.
	Flammable refrigerant
	Make sure all components are disposed of correctly and never install components in the vehicle that have been removed from old vehicles or taken from recycling.

Lubricant in the A/C system

The exact specification and amount of lubricant in the A/C system can be obtained from an authorized Audi dealer or authorized Audi Service Facility or at https://erwin.audiusa.com/erwin.

WARNING

To ensure secure and safe operation, the A/C system must only be serviced by qualified technicians.

Tips

– Never repair the A/C system evaporator with components from old vehicles or from recycling.
– New replacement evaporators for portable A/C systems must be certified and labeled as such, so that they comply with the SAE standard J2842 HFO-1234yf and R744.

Driving

Starting the vehicle

Description



Fig. 86 Center console: starting the engine

Requirement: the key must be in the vehicle.

Starting the engine

- ▸ Press the brake pedal.
- ▸ Press the START ENGINE STOP button. The engine will start.

Plug-in hybrid drive: the electric drive system is switched on. The combustion engine only starts when necessary. The power meter indicates if the electric drive system is switched on ⇨ *page 16*.

Equipment that uses a lot of electricity is switched off temporarily when you start the engine. If the engine does not start immediately, the starting procedure stops automatically after a short time. If this is the case, repeat the starting procedure after approximately 30 seconds.

Stopping the engine

- ▸ Bring the vehicle to a full stop.
- ▸ Select the "P" selector lever position.
- ▸ Press the START ENGINE STOP button. The engine will switch off.

Plug-in-hybrid drive: the electric drive system and the combustion engine are switched off.

Stopping the engine in an emergency

If it is absolutely necessary, the engine can also be turned off using the emergency stop function* while driving at speeds above 4 mph (7 km/h).

- ▸ Press the START ENGINE STOP button twice in a row or press and hold it one time.

Switching the ignition on or off

If you would like to switch the ignition on without starting the engine, follow these steps:

- ▸ Press the START ENGINE STOP button without pressing the brake pedal.
- ▸ To switch the ignition off, press the button again.

Switching the ignition off automatically

To prevent the vehicle battery from draining, the ignition and possibly the exterior lighting may switch off automatically.

Requirement:

– Conventional drive system: the Start/Stop system must have stopped the engine.
– Plug-in hybrid drive: You must have driven the vehicle. The combustion engine must not be running.
– You must have left the vehicle for longer than 30 seconds.
– The ignition must be switched on.

Among other indicators, the system detects that you have left the vehicle based on the following factors:

– The driver's door has been opened.
– The driver's safety belt has been unbuckled.
– The brake pedal is not being pressed.

The ignition will also be switched off after 30 minutes or if you lock the vehicle from the outside.

WARNING

– To reduce the risk of asphyxiation, never allow the engine to run in confined spaces.
– Never turn off the engine before the vehicle has come to a complete stop. Switching it off before the vehicle has stopped may impair the function of the brake booster and power steering. You would then need to use more force to steer and brake the vehicle. The fact that you cannot steer and brake as usual may increase the risk of accidents and serious injuries.
– Always select the “P” selector lever position when parking the vehicle; otherwise, the vehicle could roll away. ▶

– Plug-in hybrid drive: never leave the vehicle unattended in drive ready mode while a gear is engaged. The vehicle can start moving ("creeping") even if the gasoline engine is switched off, since the electric motor is still operating. This may cause collisions and severe or fatal injuries. When the vehicle enters drive ready mode, the status message e-tron READY appears briefly in the instrument cluster display and the needle in the power meter points to **READY** ⇨ *page 16*.

Note

– Avoid high engine speed, full throttle, and heavy engine load if the engine has not reached operating temperature yet. You could damage the engine.
– If the engine has been under heavy load for an extended period of time, heat builds up in the engine compartment after the engine is switched off and there is a risk of damaging the engine. For this reason, let the engine run at idle for approximately two minutes before shutting it off.

Tips

– Brief noises are normal when starting and stopping the vehicle and are no cause for concern.
– For up to 10 minutes after stopping the engine, the radiator fan may turn on again automatically or it may continue to run, even if the ignition is switched off.
– It may not be possible to start the vehicle in extremely low temperatures.
– Power will be fully available once the engine is at operating temperature.

Messages

Engine start system: malfunction! Please contact Service

Do **not** switch the ignition off because you may not be able to switch it on again. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Engine start system: malfunction! Please contact Service

There is a malfunction in the engine start system. Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Remote control key: key not detected. Is the key still in the vehicle?

The vehicle key was removed from the vehicle while the engine is running. If the vehicle key is no longer in the vehicle, you cannot switch the ignition on or start the engine once you stop it. You also cannot lock the vehicle from the outside.

Remote control key: hold back of key against the designated area. See owner's manual

The battery in the vehicle key may be drained or there may be a malfunction. To start the vehicle, you must also hold the vehicle key against the location shown ⇨ *page 75, fig. 86*.

If the malfunction remains, drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction corrected.

When driving

Starting to drive, stopping, and parking

Starting from a stop

▸ Press and hold the brake pedal.
▸ Start the engine.
▸ Select a gear.
▸ Release the parking brake.
▸ Release the brake pedal. The vehicle may roll.
▸ Press the accelerator pedal to accelerate.

Stopping and parking

▸ Bring the vehicle to a full stop and press and hold the brake pedal.
▸ Set the parking brake.
▸ Select the "P" selector lever position to secure the vehicle from rolling away.
▸ Turn the steering wheel when parking on inclines so that the wheels will roll into the curb if the vehicle starts moving. ▶

▶ Switch off the ignition before leaving the vehicle.

On hills, activate the parking brake first and then shift into the "P" selector lever position. This prevents too much stress from being placed on the locking mechanism.

WARNING

– Always set the parking brake when leaving your vehicle, even if for a short period of time. If the parking brake is not set, the vehicle could roll away, increasing the risk of an accident.
– Do not leave your vehicle unattended while the engine is running, because this increases the risk of an accident.
– If the parking brake is set, it can release automatically when the accelerator pedal is pressed. To reduce the risk of an accident, do not inadvertently press the accelerator pedal and always shift into “P” when the vehicle is stopped.
– If you leave the vehicle, switch the ignition off and take the key with you. This is especially important when leaving persons or animals in the vehicle. Otherwise, the vehicle could start unintentionally, the parking brake could release, or electronic equipment could activate, which increases the risk of an accident.
– No persons or animals should be left in a locked vehicle. Locked doors make it more difficult for emergency workers to enter the vehicle, which puts lives at risk.
– If you do not begin driving immediately after releasing the brake pedal, your vehicle may begin to roll backward. Press the brake pedal or set the parking brake immediately.
– When driving on poor roads, over curbs, and on steep ramps, make sure that components that hang below the vehicle, such as the spoiler and exhaust system, are not struck because they could be damaged. This especially applies to vehicles with low ground clearance and vehicles that are heavily loaded.

Hill hold assist

If you take your foot off of the brake pedal when driving on hills, the braking force will be held for several seconds. At that time, you can start driving without the vehicle rolling backward.

Requirement: the driver's door must be closed, the engine must be on, and the vehicle must be traveling uphill.

▶ To activate hill hold assist, press and hold the brake pedal for several seconds while the vehicle is stationary.

WARNING

– If you do not begin driving immediately after releasing the brake pedal, your vehicle may begin to roll backward. Press the brake pedal or set the parking brake immediately.
– The hill hold assist cannot hold the vehicle on inclines in every scenario (for example, on slippery or icy ground).

Messages

Take over!

The vehicle cannot be held in place automatically. Press the brake pedal to secure the vehicle from rolling away unintentionally.

Note

– If you have to stop on an incline, always press the brake pedal to hold the vehicle in place to reduce the risk of the vehicle rolling backward. Do not try to hold the vehicle in place by pressing and holding the accelerator pedal. The transmission can overheat, which increases the risk of damage.

Gears and driving programs

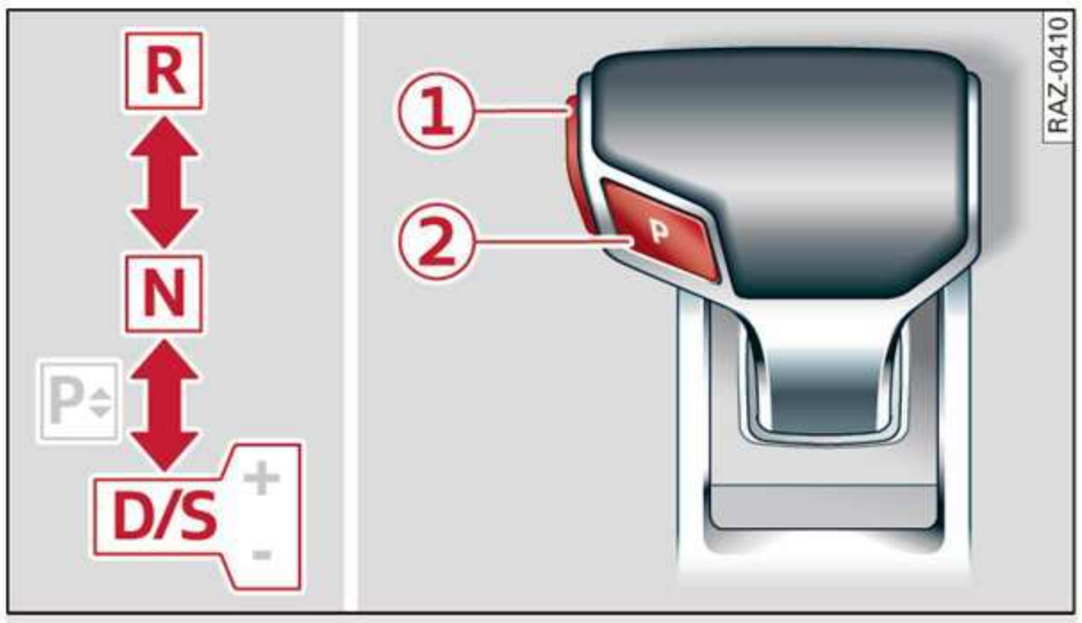


Fig. 87 Center console: selector lever

The automatic transmission shifts automatically depending on the selected gear and the current driving style. When driving with a moderate driving style, upshifting early and downshifting late will help to improve fuel economy. When driving with a sporty driving style, the transmission permits higher RPMs.

The gears are displayed next to the selector lever.

– **P** (Park)
– **R** (Reverse)
– **N** (Neutral)
– **D** (Drive)

Selecting a gear

Requirement: the ignition must be switched on.

– Bring the vehicle to a full stop and press the brake pedal.
– Press the release button (1) on the selector lever.
– To select the nearest gear, move the selector lever forward or back until you feel the first pressure point.
– To skip a gear (for example, move from “D” to “R”), move the selector lever past the pressure point in the desired direction.
– The label next to the selector lever for the selected gear will light up.

“N” (Neutral) gear

In the “N” gear, power is not transmitted to the driving wheels. Use the “N” gear in a car wash (with conveyor belts), for example.

If you unintentionally select “N” while driving (faster than 1 mph (2 km/h)), you can also shift back to “D” without pressing the brake pedal.

For safety reasons, the vehicle cannot be locked when the transmission is in the "N” gear.

“P” (Park) gear

Requirement: the ignition must be switched on.

The vehicle is secured from rolling away by the parking lock when in the “P” gear.

– Bring the vehicle to a full stop and press the brake pedal.
– Press the “P” button (2) on the selector lever.
– The “P” next to the selector lever will light up.

“P” engages automatically if you switch the engine off while the “D” or “R” gear is selected. If you switch the engine off in “N”, “P” will engage automatically after approximately 30 minutes.

Applies to: vehicles with S tronic transmission: If you want to shift from “P” to “D” or “R”, the engine must be running.

Applies to: vehicles with tiptronic transmission: If you want to switch to another gear from “P”, the engine must be running.

If you cannot shift out of “P”, for example because the vehicle has no power, you may need to use the emergency release for the parking lock ⇨ *page 81*.

Selecting the driving program

Various driving programs can be selected when in the “D” gear. The programs influence when the transmission shifts and how the accelerator pedal responds.

The selected driving program is displayed in the instrument cluster.

– **D** (Drive): normal driving mode
– **S** (Sport): sporty driving mode

If you select the **Dynamic** mode in Audi drive select*, the “S” driving program will be activated. When the ignition is switched off, the driving program may be reset to “D”. ▶

To switch between the current driving program and “S”, push the selector lever toward the rear.

Plug-in hybrid drive: if you press the EV button while in “S”, the “D” driving program will be selected.

WARNING

– Before starting to drive, check if the desired gear is displayed next to the selector lever.
– Always secure your vehicle from rolling away. Press the brake pedal or shift to “P”. When leaving the vehicle, also set the parking brake.
– Power is still transmitted to the wheels when the engine is running at idle. To prevent the vehicle from “creeping”, you must keep your foot on the brake in all selector lever positions (except "P" and "N") when the engine is running.
– To reduce the risk of an accident, do not press the accelerator pedal when changing gears if the vehicle is stationary and the engine is running.
– Never select the “R" or "P” gears while driving. Doing so could cause an accident.
– The vehicle can roll even if the ignition is switched off.

Tips

If you shift between “D” and “R” within one second, you do not need to press the brake pedal. This makes it possible to “rock” if it is stuck, for example.

Manual shifting



Fig. 88 Center console: shifting manually with the selector lever

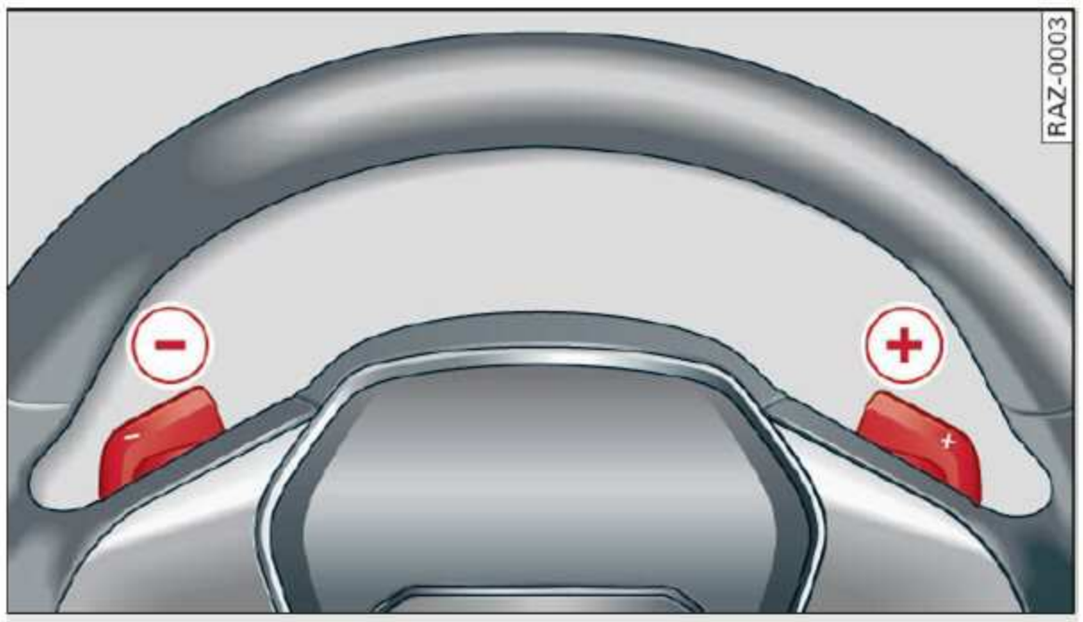


Fig. 89 Steering wheel: shift paddles*

You can shift the gears manually when in “D” mode. The transmission must be in tiptronic mode.

Shifting with the selector lever

You can shift into manual shifting mode while the vehicle is stationary or while driving.

- To switch to manual shifting mode, tilt the selector lever toward the front passenger's side ⇨ *fig. 88*. “M” will be displayed in the instrument cluster.
- Upshifting: push the selector lever forward (+).
- Downshifting: push the selector lever toward the rear (–).
- To switch back to automatic mode, tilt the selector lever toward the driver's side.

Shifting with the shift paddles

Applies to: vehicles with shift paddles

- Upshifting: press the (+) shift paddle ⇨ *fig. 89*.
- Downshifting: press the (–) shift paddle.
- Applies to: vehicles with tiptronic transmission: To engage the lowest possible gear for maximum acceleration, press and hold the (–) shift paddle.
- To switch back to automatic mode, press and hold the (+) shift paddle or push the selector lever toward the rear.

If you stop using the shift paddles temporarily, the transmission will switch back to automatic mode. To keep shifting manually, tilt the selector lever toward the front passenger's side. ▶

Tips

– The transmission only allows manual shifting when the engine speed is within the permitted range.
– The transmission automatically shifts up or down before critical engine speed is reached.

Accelerator pedal

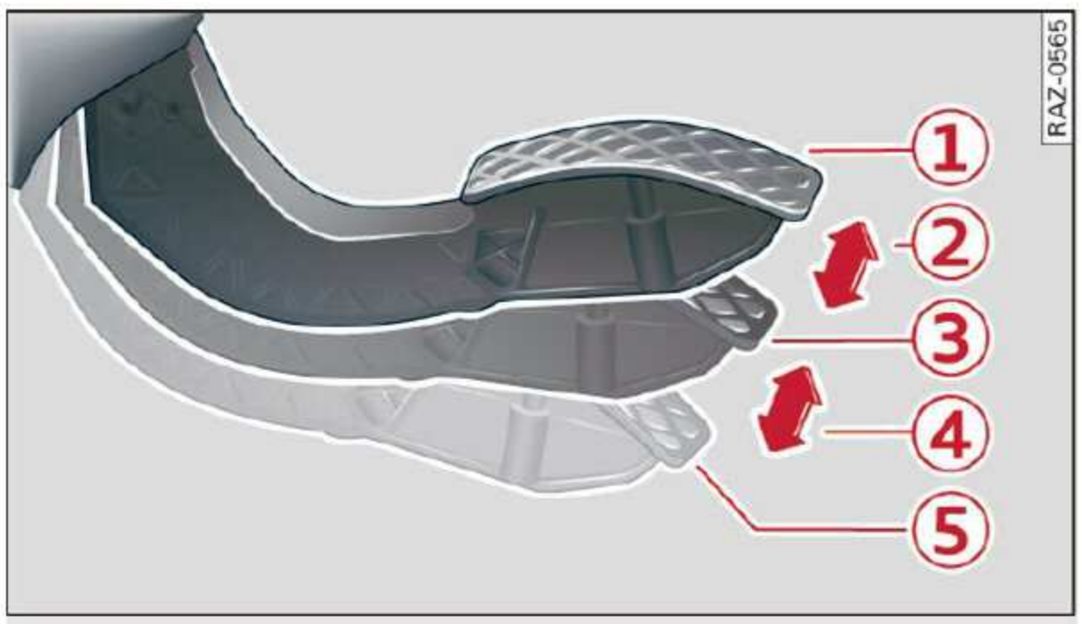


Fig. 90 Footwell: accelerator pedal

Depending on the equipment, you may be able to adjust the haptic feedback for the accelerator pedal.

– Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Efficiency assist** > **Accelerator pedal feedback**

Predictive messages

Haptic feedback in the accelerator pedal indicates when you should take your foot off the accelerator pedal to drive more efficiently.

Combustion engine startup

Applies to: vehicles with plug-in hybrid drive

A haptic pressure point indicates when the combustion engine will be started. The pressure point is variable and depends on the high-voltage battery charge level.

① Coasting or recuperation
② Power by electric motor
③ Pressure point
④ Power by combustion engine
⑤ Maximum acceleration

Maximum acceleration

You can accelerate the vehicle using the accelerator pedal. If you press the accelerator pedal all the way down, the engine's full power will be used and you will reach maximum acceleration, also called "kick-down".

Applies to: vehicles with boost function: The electric motor can switch on for a brief period if the accelerator pedal is pressed all the way down in the "D" and "S" driving program. The availability of this function depends on the charge level of the high-voltage battery and the temperature of the drive system components, among other things.

WARNING

The driving wheels could spin and the vehicle could swerve on slick or slippery road surfaces when using kick-down, which increases the risk of an accident.

Launch Control

Applies to: vehicles with S tronic transmission and Launch Control

Launch Control provides the best possible acceleration when starting from a stop.

Requirement

– The engine must be at operating temperature.
– The steering wheel must not be turned.
– Start/Stop system* must be deactivated ⇨ *page 87*.
– ESC must be limited ⇨ *page 165*.
– Driving program "S" ⇨ *page 78* or the **Dynamic** Audi drive select* mode must be selected ⇨ *page 145*.

Using Launch Control

– Press the brake pedal with your left foot and hold it all the way down for at least one second.
– With the brake pedal pressed, press the accelerator pedal all the way down with your right foot at the same time.
– Once the engine reaches a constant speed, remove your foot from the brake pedal. ▶

Once the vehicle has started moving, reactivate the ESC so that it is fully functional.

WARNING

Only use Launch Control when road and traffic conditions allow it and other road users will not be endangered or impacted by your driving and the vehicle's acceleration. The driving wheels could spin and the vehicle could swerve, especially on slick or slippery road surfaces, which increases the risk of an accident.

Note

When accelerating using Launch Control, all vehicle components are subject to heavy loads. This can result in increased wear.

Tips

After accelerating using the Launch Control, the temperature of some vehicle components may increase greatly. If that happens, the function will not be available for a few minutes to reduce the risk of damage. After a cool-down period, Launch Control will be available again.

Parking lock emergency release



Fig. 91 Driver's side footwell: releasing the parking lock using the emergency release

The emergency release is located under the floor mat on the driver's side. Read and follow the important instructions about towing ⇨ *page 375*.

Releasing the parking lock using the emergency release

- ▸ Set the parking brake to secure your vehicle from rolling away. If this is not possible, secure your vehicle from rolling using another method.
- ▸ Pry the cover off at one of the openings using the screwdriver from the vehicle tool kit.
- ▸ Insert the socket wrench from the vehicle tool kit into the opening ⇨ *fig. 91*.
- ▸ Turn the socket wrench clockwise (1) until it stops and press it downward (2) until it locks into place.
- ▸ Leave the socket wrench inserted.

Resetting the parking lock

- ▸ Press the brake pedal and start the engine.
- ▸ Keep the brake pedal pressed and engage the following selector lever positions one after the other: "N", "D" and back to "N".
- ▸ Turn the engine off again.
- ▸ Grasp the socket wrench with both hands and carefully pull it upward to remove.
- ▸ Install the cover.

If the parking lock is released with the emergency release, the indicator light turns on in the instrument cluster and “N” is engaged. The message **Danger of rolling away! P not possible. Please apply parking brake** also appears.

WARNING

– The parking lock must be released using the emergency release before towing the vehicle.
– The parking lock may only be released using the emergency release if the parking brake is set. If it is not working, secure the vehicle from rolling using the brake pedal or other suitable means, such as blocking a front and a rear wheel. An unsecured vehicle may roll away, which increases the risk of an accident.
– Only activate the emergency release while on a level surface or a slight slope.
– To reduce the risk of an accident, you must not drive when the emergency release is activated.

Note

Due to the risk of damage, carefully remove the socket wrench when you reset the parking lock.

Messages

Transmission: malfunction! Safely stop vehicle

Do not continue driving. Stop the vehicle as soon as possible in a safe location and secure it so it does not roll. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Transmission: too hot. Please stop vehicle

Do not continue driving. Select the "P" selector lever position and contact an authorized Audi dealer or authorized Audi Service Facility for assistance.

Transmission: too hot. Please adapt driving style

The transmission temperature has increased significantly. Drive very cautiously or take a break from driving until the temperature returns to the normal range and the indicator light turns off.

Transmission: malfunction! You can continue driving. See owner's manual

There is a system malfunction in the transmission. You may continue driving. Drive to an authorized Audi dealer or authorized Audi Service Facility soon to have the malfunction corrected.

Transmission: malfunction! You can continue driving with limited function. Please contact Service

There is a system malfunction in the transmission. The transmission is switching to emergency mode. This mode only shifts into certain gears or may no longer shift at all. The engine may stall. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Transmission: malfunction! You can continue driving with limited function. No reverse gear

There is a system malfunction in the transmission. The transmission is switching to emergency mode. This mode only shifts into certain gears or may no longer shift at all. The engine may stall. You cannot engage the reverse gear. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Transmission: malfunction! You can continue driving in D until engine is off

There is a system malfunction in the transmission. The transmission is switching to emergency mode. If you turn the engine off, you will not be able to select any other selector lever positions after starting the engine again. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Danger of rolling away! P not possible. Please apply parking brake

– The parking lock was released using the emergency release ⇨ *page 81*. Or
– The parking lock can no longer be engaged. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Selector lever: malfunction! You can continue driving. Please contact Service

There is a system malfunction in the transmission. Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

P button: malfunction! Auto P when engine off. Please contact Service

There is a malfunction in the "P" button on the selector lever. The transmission automatically engages "P" when you switch off the engine. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Selector lever: malfunction! Gear change only possible using both paddle levers. Please contact Service ▶

There is a system malfunction in the transmission. You can continue driving with restricted function. The selector lever is not working. Gears can only be selected by tapping both shift paddles at the same time when the vehicle is stationary ⇨ *page 79, fig. 89*. Pay attention to the selected transmission position in the instrument cluster display. The parking lock engages automatically when you turn off the engine. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Move selector lever to automatic position

There is a malfunction in the tiptronic mode. End tiptronic mode by pushing the selector lever to the left into the "D/S" position.

Drive system

Breaking in

A new vehicle must be broken in within the first 1,000 miles (1,500 km) so that all moving parts work smoothly together, which helps to increase the service life of the engine and other drive components.

Do not drive higher than two-thirds of the maximum permitted engine RPM during the first 600 miles (1,000 km) and do not use full acceleration. The engine can be increased RPM gradually during the next 300 miles (500 km).

Conventional and mild hybrid drive system

Applies to: vehicles with a conventional drive system or a mild hybrid drive system

Vehicles with a conventional or mild hybrid drive system are powered by a combustion engine. It uses fuel to recover energy.

Vehicles with a mild hybrid drive system have additional battery technology.

Plug-in hybrid drive

Applies to: vehicles with plug-in hybrid drive

With plug-in hybrid drive, you can select between the electric and combustion engine drive systems or combine them ⇨ *page 83*, ⇨ *page 80*.

Recuperation

Applies to: vehicles with plug-in hybrid drive

The vehicle is able to recover energy by using “recuperation”. The electric drive system operates like a generator and converts a large portion of kinetic energy into electrical energy that is stored in the high-voltage battery. The vehicle is braked during recuperation, which is similar to the engine braking effect on a vehicle with a combustion engine. This will happen automatically when you press the brake pedal while driving in “D” gear, or when you remove your foot from the accelerator pedal.

When you press the brake pedal, recuperation is used to brake the vehicle. The brakes will only be activated if necessary. When driving normally, this makes it possible to brake using only recuperation just before coming to stop and to lose little energy and range from braking.

Plug-in hybrid drive modes

Applies to: vehicles with plug-in hybrid drive

Adjusting the plug-in-hybrid mode

The EV button is located above the selector lever in the center console.

- Press the EV button repeatedly until the desired mode is displayed in the instrument cluster.

The active mode is displayed the first time the EV button is pressed. You can select between one electric mode and two hybrid modes.

Hybrid driving

If the EV button does not turn on, you are driving in hybrid mode. The vehicle can be driven with the combustion engine or with the electric motor if the conditions for it have been met ⇨ *page 84, Conditions for electric driving*.

e-tron mode: Hybrid – The electric motor and combustion engine are working efficiently together. Hybrid mode is particularly effective for long trips. ▶

80A012721BJ

e-tron mode: Battery Hold – The vehicle is driven predominantly with the combustion engine to maintain the high-voltage battery charge level for as long as possible.

Electric driving

e-tron mode: EV – When EV mode is switched on, the EV button will turn on. The vehicle can be driven by the electric motor if the conditions for this have been met ⇨ *page 84, Conditions for electric driving*.

Conditions for electric driving

- The charge level of the high-voltage battery must be sufficient.
- The temperature of the high-voltage battery must be sufficient (outside temperatures not below approximately 14°F / -10°C and not above 131°F / 55°C)
- The driving speed must be below approximately 87 mph (140 km/h).
- The accelerator pedal must not be pressed too hard.
- Applies to: vehicles with hill hold assist: The hill hold assist must be switched off.

Indicator lights

Symbol	Meaning
EV	EV mode is switched on and active. You are driving only with electric power.
EV	EV mode is switched on, but is temporarily in standby mode. Once the conditions are met again, electric driving will resume.
EV	EV mode is not available, because the conditions for electric driving have not been met.
	The combustion engine is running.
	The hybrid mode **e-tron mode: Battery Hold** is active.
	The hybrid mode **e-tron mode: Hybrid** is active.

Tips

- Applies to: Battery Hold mode: The high-voltage battery charge level can still decrease depending on the driving behavior.
- If you select the sport driving mode "S", the Battery Hold mode is automatically selected.
- If you select a destination in the navigation that is outside of the electric range, the vehicle may exit EV mode.

Tips

- It may be necessary for the gasoline engine to run longer for technical reasons, such as when condensation accumulates in the engine. Driving exclusively in electric mode is not possible in this phase.
- Before driving downhill a long distance on a steep hill, decrease your speed and select a lower gear. When driving with a trailer, the "S" selector lever position must be selected. This makes use of the engine braking effect and reduces the load placed on the brakes. If you need to brake additionally, brake in intervals and not continuously.

Energy flow display

Applies to: vehicles with plug-in hybrid drive

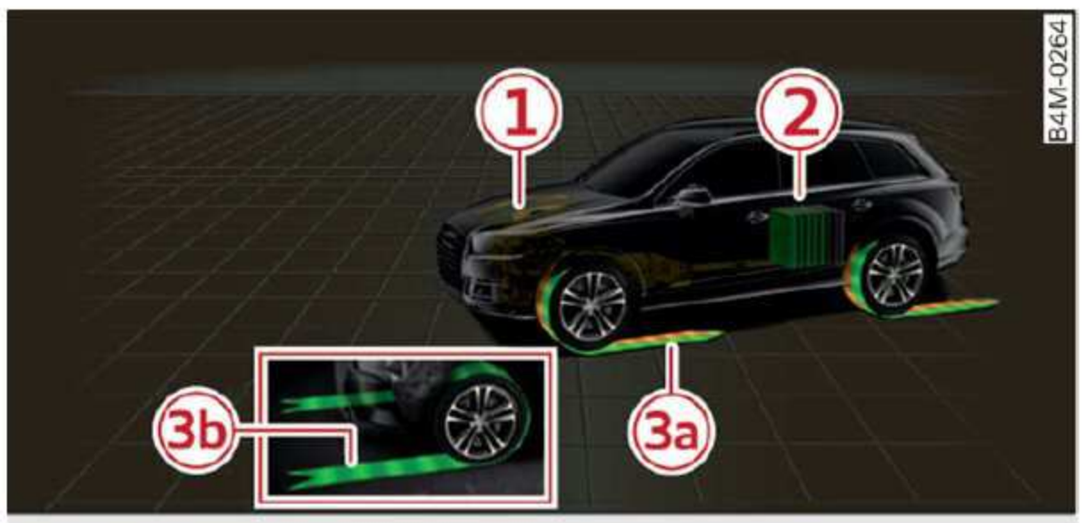


Fig. 92 MMI: energy flow display

You can display the current energy distribution of the vehicle.

▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Audi drive select**.

① Combustion engine
- Orange: motor on
- Gray: motor off

② High-voltage battery
- Green: charge level
- Gray: drive system not switched on

③a Directional arrow
- Green: electric driving
- Orange: driving with combustion engine
- Green-orange: driving with boost function

③b Directional arrow
- Green: recuperation

Tips

The energy flow display can also be displayed in the instrument cluster under the vehicle functions tab.

Range monitor

Applies to: vehicles with plug-in hybrid drive

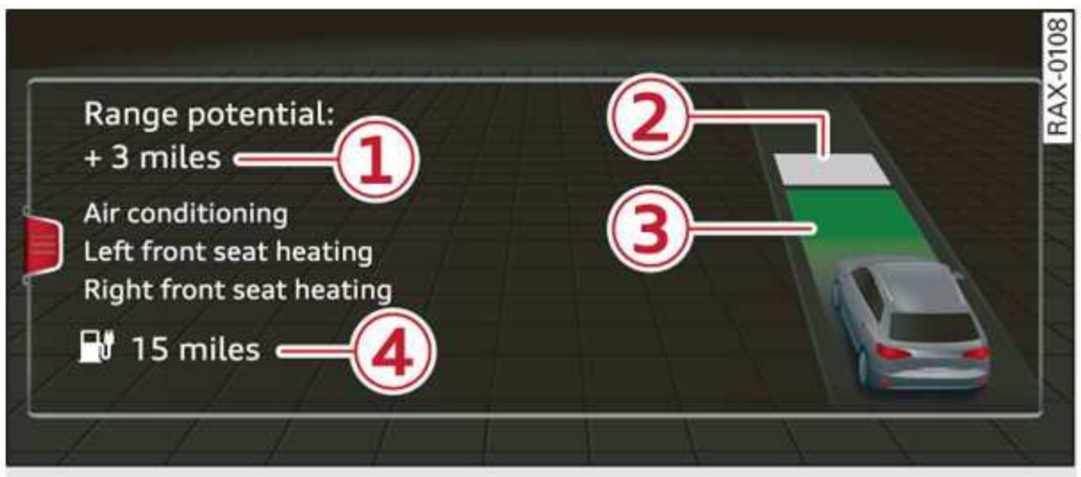


Fig. 93 Range monitor

You can display the projected range of the vehicle.

- Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Range & statistics**.
- If necessary, scroll to the **Range** display.

① Range potential (value)
② Range potential (graphic)
③ Total range (graphic)
④ Total range (value)

Range potential: the value indicates an additional amount of distance that can be gained by turning off certain convenience functions. The convenience functions with high energy usage are listed on the display.

Tips

- The range can also be displayed in the instrument cluster in the on-board computer.
- The range that is indicated is based on the previous and predicted consumption values. For example, these can be affected if convenience functions are turned on.

Statistics

Applies to: vehicles with plug-in hybrid drive

You can display statistics about the trips traveled using electric power and those using fuel. The values are taken from the short-term memory and long-term memory of the on-board computer.

- Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Range & statistics**.
- If necessary, scroll to the **Statistics** display.
- Turn the control knob to switch between short-term memory and long-term memory.

Vehicle sound

Applies to: vehicles with plug-in hybrid drive

The electric drive system generates considerably less noise than a combustion engine. An artificial engine sound is generated when driving electrically so that the vehicle can be heard from the outside when driving. The vehicle sound automatically fades out at higher speeds when the sounds from the tires and wind start increasing.

WARNING

Other road users may not be able to definitively hear electric vehicles when they are driving. This increases the risk of an accident particularly when driving in areas with little traffic, when maneuvering, or when driving in reverse.

Efficient and environmentally-friendly driving

Your driving style greatly influences the amount of fuel and energy consumed, the environmental impact, and the wear on the engine, brakes, and tires. Note the following information for efficient and environmentally-conscious driving: ▶

– Turn off electrical equipment that is not needed, for example seat heating*.
– Anticipate upcoming traffic situations while driving to avoid unnecessary acceleration and braking.
– Avoid driving at high speeds.
– Avoid adding unnecessary weight to the vehicle if possible, for example do not leave roof racks or bike racks installed when they are not needed.
– Make sure the tire pressure is correct.
– Have maintenance performed regularly on the vehicle.
– Do not let the engine run while the vehicle parked.
– Do not drive with winter tires during the summer.
– Use the Start/Stop system.
– Utilize the engine braking effect.
– Avoid driving short distances when possible.
– Plug-in hybrid drive: Brake early and evenly to use recuperation.

Tips

The amount of noise produced by the vehicle can increase significantly when driving with a sporty style. Show respect to others around you and the environment with the way you operate your vehicle, especially at night.

Messages

Drive system: malfunction! Safely stop vehicle

There is a malfunction in the drive system. The brake booster and the power steering may stop working. Stop the vehicle immediately at a safe location and do not continue driving. Have the problem corrected by an authorized Audi dealer or authorized Audi Service Facility.

Plug-in hybrid drive: Park the vehicle in a safe place outdoors that is not near buildings, roof overhangs, carports, or similar structures. Switch the ignition off. Have the problem corrected by an authorized Audi dealer or authorized Audi Service Facility.

Drive system: malfunction! Please contact Service

There is a malfunction in the drive system. Drive slowly to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction corrected.

Vehicle sound: malfunction! Pedestrians cannot hear vehicle. Please contact Service

There is a malfunction in the vehicle sound function. Drive extremely carefully, since other road users may not be able to hear your electric vehicle. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

e-tron mode: EV currently unavailable

This message appears if the conditions for electric driving are not met.

Other indicator lights

If the indicator light turns on, there may be an engine control malfunction. Drive slowly to an authorized Audi dealer or authorized Audi Service Facility to have the engine checked.

Start/Stop system

Description

Applies to: vehicles with Start/Stop system

The Start/Stop system can help increase fuel economy and reduce CO_2 emissions.

In Start/Stop mode, the engine shuts off automatically when stopped, for example at a traffic light. The ignition and important assist systems such as power steering and the brake booster will remain available during the Stop phase. The engine will restart automatically when needed.

The Start/Stop system is automatically activated once the ignition is switched on.

Basic requirements

– The driver's door and hood must be closed.
– "P", "N", or "D" must be engaged.
– The steering wheel must not be turned far in either direction. ▶

– The vehicle must have driven faster than 2 mph (3 km/h) since the last time it stopped.
– The vehicle is not in trailer mode.

Note

Always switch the Start/Stop system off when driving through water ⇨ *page 87*.

Tips

– Depending on the driving situation, the engine may already stop when **coasting** before the vehicle has come to a complete stop [1]. This allows for a smooth transition from coasting* to being stopped ⇨ *page 83* , ⇨ *page 83*.
– If you select the "D" position after shifting into reverse, the vehicle must be driven faster than 6 mph (10 km/h) in order for the Start/Stop system to be active again. This makes it possible to maneuver without stopping the engine.

Stopping/starting the engine

Applies to: vehicles with Start/Stop system

▸ Press and hold the brake pedal until the vehicle has stopped. The Ⓐ indicator light appears in the instrument cluster once the engine stops automatically.
▸ The engine starts again when you remove your foot from the brake pedal. The indicator light turns off.

Tips

– Press the brake pedal during a Stop phase to keep the vehicle from rolling.
– The ignition will turn off if you press the START ENGINE STOP button during a Stop phase.
– You can control if the engine will stop or not by reducing or increasing the amount of force you use to press the brake pedal. For example, if you only lightly press on the brake pedal in stop-and-go traffic or when turning, the engine will not switch off when the vehicle is stationary. If you press the brake pedal harder, the engine will switch off.

Starting and stopping the engine automatically

Applies to: vehicles with Start/Stop system

The system checks if certain conditions are met before and during the Stop phase, and determines if the engine stops and how long it remains stopped. For example, if power usage is high, the engine will not be stopped. Along with other conditions, the following factors influence the automatic engine start or stop:

– Environmental conditions (slopes, inclines, elevation, temperature)
– Battery (charge status, temperature, power usage)
– Engine temperature
– Assist systems
– Driving behavior

Depending on the engine, the Ⓐ indicator light may appear if the engine is not stopped.

Manually switching the Start/Stop system off and on

Applies to: vehicles with Start/Stop system

The Ⓐ OFF button is located above the selector lever in the center console.

▸ Press Ⓐ OFF to switch on or off. The LED in the button turns on when the function is switched off.

Tips

If you switch the system off during a Stop phase, the engine will start again automatically.

Messages

Applies to: vehicles with Start/Stop system

Start/stop system: deactivated. Please start engine manually ▶

1) In certain countries.

This message appears when specific conditions are not met during a Stop phase. The Start/Stop system will not be able to restart the engine. The engine must be started with the START ENGINE STOP button.

Start/stop system: malfunction! Function unavailable. Please contact Service

There is a malfunction in the Start/Stop system. Drive the vehicle to an authorized Audi dealer or authorized Service Facility as soon as possible to have the malfunction corrected.

Brakes

General information

You can apply the vehicle's brakes using the brake pedal.

Operating noise

Noises may occur when braking depending on the speed, braking force, and outside conditions such as temperature and humidity.

Braking effect

The response time from the brakes depends on the weather and environmental conditions. To ensure the optimal braking effect, the brake system is cleaned at regular intervals. This is done by applying the brake pads to the brake rotors for a short period of time when driving at high speeds when the windshield wipers are switched on.

If the brake system becomes damp, for example after driving in heavy rain, the braking effect may be delayed. Other factors that could temporarily increase the response time of the brakes include:

– Wet conditions
– Low temperatures, ice, and snow
– Roads covered in salt
– Dirty brake pads

Corrosion

Corrosion may form on the brake rotors if there is no heavy braking, if the vehicle is not driven for long periods of time, or if the vehicle is not driven frequently or for long distances. In this case, braking heavily several times while driving at high speeds can clean the brake rotors ⇨ ⚠.

Brake pads

New brake pads do not achieve their full braking effect during the first 250 miles (400 km). They must be "broken in" first. However, you can compensate for the slightly reduced braking force by pressing firmly on the brake pedal. Avoid heavy braking during the break-in period.

Brake pad wear depends largely on the way the vehicle is driven and on operating conditions. Brake pad wear increases when driving frequently in the city or short distances or when using a very sporty driving style.

⚠ WARNING

– Only apply the brakes for the purpose of cleaning the brake system when road and traffic conditions permit. You must not endanger other road users and increase the risk of an accident.
– Due to the risk of injury, only have an authorized Audi dealer or authorized Audi Service Facility work on the brake system. Incorrect repairs could impair the function.
– Never let the vehicle roll while the engine is stopped because this increases the risk of an accident.
– During automatic braking maneuvers, the brake pedal may move downward automatically. To reduce the risk of injury, do not place your foot under the brake pedal.

! Note

– Never let the brakes "rub" by pressing the pedal lightly when braking is not actually necessary. This can cause the brakes to overheat and increases braking distance and causes wear.
– Observe the important information for driving downhill ⇨ *page 91*. This especially applies when towing a trailer.

i Tips

– If you retrofit your vehicle with a front spoiler, wheel covers or similar items, make sure ▶

that the air flow to the brakes is not obstructed. Otherwise the brake system can overheat.
– Also refer to the information about brake fluid ⇨ *page 335*.

Messages

BRAKE / Brakes: malfunction! Stop vehicle safely

There is a malfunction in the brake system. If ABS / and also turn on, there is a malfunction in the ABS, ESC, and braking distribution.

Do not continue driving. See an authorized Audi dealer or authorized Audi Service Facility for assistance. Read and follow the other safety precautions ⇨ ⚠.

BRAKE / Brake pads: wear limit reached. You can continue driving. Please contact Service

The brake pads are worn. Drive to an authorized Audi dealer or authorized Audi Service Facility as soon as possible to have the malfunction corrected.

Brake booster: limited functionality. You can continue driving. Please contact Service

There is a brake booster malfunction. The brake booster is available, but its effectiveness is reduced. The braking performance may be different compared to the usual performance. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Other indicator lights

If is displayed when there is a malfunction, the brakes were under heavy load. Follow the instructions in the message to utilize the engine braking effect and to relieve the brakes.

WARNING

If a malfunction occurs in the ABS, ESC, and braking distribution, interventions that stabilize the vehicle will no longer be available. This could cause the vehicle to swerve, which increases the risk that the vehicle will slide. Do not continue driving. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Electromechanical parking brake

Operating the parking brake

The electromechanical parking brake is used to secure the vehicle from rolling away unintentionally.

The Ⓟ switch is located under the selector lever in the center console. It turns on when the parking brake is set. You can release the parking brake manually or automatically when you start to drive.

Setting and releasing the parking brake

- Closing: Pull the Ⓟ switch.
- If PARK / Ⓟ appears, the parking brake is holding the vehicle. You can remove your foot from the brake pedal.
- Releasing: when the ignition is switched on, press and hold the brake pedal and press the Ⓟ button.

If the red indicator light flashes, the braking force has not built up enough or it has decreased. You can also secure the vehicle by selecting the “P” gear or pressing the brake pedal. Make sure the indicator light is off before you start driving.

Automatically releasing the parking brake when starting to drive

Requirement: the driver's door must be closed and the driver’s safety belt must be fastened.

- Press the accelerator pedal to start to drive.

WARNING

– To reduce the risk of an accident, always make sure the vehicle is situated safely while stationary.
– If the parking brake is set, it can release automatically when the accelerator pedal is pressed. To reduce the risk of an accident, do not inadvertently press the accelerator pedal and always shift into “P” when the vehicle is stopped.

– If the power supply fails, you cannot set the parking brake once it is released, or release it if it is set. In this case, park the vehicle on level ground and secure it by engaging the "P" gear. Contact an authorized Audi dealer or authorized Audi Service Facility for assistance.

Tips

– On steep inclines, especially when in trailer mode, the vehicle may roll backwards unintentionally when starting to drive. To reduces the risk of this happening, pull and hold the Ⓟ switch while pressing the accelerator pedal. If enough drive power has built up at the wheels and the vehicle does not roll backwards, then release the switch to start to drive.
– If you leave the vehicle when “D” or “R” are engaged, the parking brake will be set automatically.
– Noises when the parking brake is set and released are normal and are not a cause for concern.
– The parking brake goes through a self-test cycle at regular intervals when the vehicle is stopped. Any noises associated with this are normal.

Emergency braking function

Emergency braking should only be used in an emergency, if the standard brake pedal is malfunctioning or obstructed. When the emergency braking function is activated, the braking effect is similar to a heavy braking maneuver.

► Pull and hold the Ⓟ switch while driving.
► An audio warning signal will sound and emergency braking will begin.
► If you press the accelerator pedal, emergency braking will be canceled.

WARNING

Heavy braking while driving through curves or in poor road or weather conditions can cause the vehicle to slide or the rear of the vehicle to swerve, which increases the risk of an accident.

Messages

BRAKE / Ⓟ Parking brake: malfunction! Safely stop vehicle. See owner's manual

There is a malfunction in the parking brake. If the message appears while stationary, check if the parking brake is released and can be reset. If this is the case, switch the ignition off and back on.

If the message continues to appear, if the parking brake cannot be released, or if the message appears while driving, then stop the vehicle on level ground and shift to “P”. Do not continue driving. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

BRAKE / Ⓟ Parking brake: malfunction! Please release parking brake

There is a malfunction in the parking brake. If the message appears while stationary, check if the parking brake is released and can be reset. If this is the case, switch the ignition off and back on.

If the message continues to appear, if the parking brake cannot be released, or if the message appears while driving, then stop the vehicle on level ground and shift to “P”. Do not continue driving. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Ⓟ Parking brake: malfunction! Please contact Service

There is a malfunction in the parking brake. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected. Do not park the vehicle on inclines and shift to “P”.

PARK BRAKE / Ⓟ Parking brake: warning! Vehicle parked too steep

The braking force may not be enough to secure the vehicle from rolling away. Park the vehicle in a place with less of an incline.

PARK BRAKE / Ⓟ Parking brake: applied ▶

The parking brake is set. Press and hold the brake pedal to release the parking brake.

Special driving situations

Driving uphill and downhill

When driving uphill, downhill, or at high altitudes, note the following information:

– Drive slowly and carefully.
– Do not try to turn around if you cannot safely drive on an incline or hill. Instead, drive in reverse.
– When driving down hills, you can activate the hill descent control if you press the brake pedal while driving in “D” gear. The automatic transmission will select a gear suitable for driving down the hill and will attempt to maintain the speed at which the vehicle was traveling at the time the brake pedal was pressed. Press the brake pedal if necessary. The hill descent control will switch off once the hill levels out or you press the accelerator pedal.
– Utilize the engine braking effect when driving downhill by selecting the “S” driving program ⇨ *page 78*. This especially applies when towing a trailer. This reduces the load on the brakes.
– Brake in intervals and do not press the brake pedal continuously.
– Use the hill descent assist if necessary ⇨ *page 92*

Inclinometer

Applies to: vehicles with inclinometer

You can display the vehicle's sideways angle and lengthwise angle in relation to the horizon.

– Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Audi drive select** > **Lift / Offroad** or **Allroad***.

The sideways angle of your vehicle should not exceed the yellow range in the gauge. If it reaches the red range, there is a risk that the vehicle might tip.

To change the contents shown in the right area of the screen, select in the Infotainment system: right control button > **Additional display**.

Angle: this displays the current steering wheel angle and the maximum angle that was reached during a drive. These values are reset when the ignition is switched off.

Position: displays the height, direction and geo-coordinates of the current vehicle position.

Off: only the air suspension display remains on.

Note that the accuracy of the display depends on the driving situation.

WARNING

– Only drive on inclines that your vehicle is designed to handle. Do not exceed the hill climbing ability of your vehicle. Your vehicle could tip or slide.
– Do not drive at an angle on steep inclines and hills. If your vehicle is about to tip, you must immediately start steering in the direction of the downward slope to reduce the risk of an accident.
– Always be ready to brake when using the hill descent control function.
– Applies to: vehicles with an inclinometer: Do not rely only on the inclinometer when assessing the driving situation.

Offroad driving

Your vehicle is not an offroad vehicle. Note the following points when driving offroad:

– Drive slowly and carefully.
– To reduce the risk of underbody damage, pay attention to the vehicle's ground clearance and drive across raised areas of the ground with the wheels on one side of the vehicle, instead of allowing the center of the vehicle to pass over the raised areas.
– To reduce the risk of becoming stuck, drive through sandy or swampy areas at a steady speed and without stopping, if possible.

If necessary, use the following functions:

– Audi drive select* **Offroad** mode ⇨ *page 145*
– Hill descent assist* ⇨ *page 92*
– Inclinometer* ⇨ *page 91*
– Raising the vehicle ⇨ *page 146*

– Limit ESC ⇨ *page 165*

WARNING

Only drive in terrain that is suitable for the vehicle and your driving ability.

For the sake of the environment

Avoid actions that are damaging to the environment. Show respect for the natural environment and remain on marked routes.

Tips

Clean your vehicle after driving offroad. Dirt and stones falling off your vehicle can affect other road users.

Driving through water

If you must drive through water, follow these instructions:

– Check the stability of the ground, the current, and the water depth. If the ground is unstable, there is a strong current, or there are waves, the water must only reach **up to the lower edge of the body at the most**.
– Deactivate the Start/Stop system.
– Drive carefully and no faster than at walking speeds to prevent the front of the vehicle from creating waves, because they could splash above the lower edge of the body. Oncoming vehicles could also create waves.
– Do not stop the vehicle while in the water.
– Drive in reverse.
– Do not turn the engine off.

WARNING

After driving through water, press the brake pedal carefully to dry the brakes so that the full braking effect will be restored.

Note

Vehicle components such as the engine, drive system, suspension, or electrical system, can be severely damaged by driving through water.

Tips

If possible, avoid driving through salt water because it increases the risk of corrosion. Use fresh water to clean any vehicle components that come into contact with salt water.

Hill descent assist

Applies to: vehicles with hill hold assist

The button is located in the center console. It lights up when the system is turned on.

Hill descent assist can assist you when driving down hills by maintaining a constant vehicle speed by automatically braking all four wheels. You can adjust the speed using the accelerator and brake pedals. The regulation depends on the hill and the vehicle speed.

▸ Switching on: press .
▸ Switching off: press again.

Hill descent assist brakes all four wheels automatically in order to limit speed when driving either forward or reverse on hills with a grade from approximately 6 to 60%. The wheels will not lock up because the ABS remains activated.

When hill descent assist is on, the speed your vehicle was traveling when it entered the hill is maintained. It is only possible to switch on the assist when driving slower than 37 mph (60 km/h). The assist begins shortly after you start driving and continues up to approximately 19 mph (30 km/h). The driver can increase or decrease the vehicle speed within these limits by pressing the accelerator or brake pedal.

However, there must be enough traction. Hill descent assist **cannot** function as designed under certain conditions, for example if the hill is icy or if the surface is loose.

Active regulation of a speed up to approximately 19 mph (30 km/h) is signaled in the instrument cluster by an indicator light . The indicator light turns on in the ready mode.

The system does not work at speeds between approximately 19 and 37 mph (30 and 60 km/h). The system is then in ready-mode. This is indicated by the LED in the button turning on. The ▶

system automatically switched off when you drive faster than 37 mph (60 km/h). The LED will also turn off in this scenario.

Hill descent assist is automatically activated under the following conditions:

– The LED in the button turns on
– The vehicle speed is lower than 19 mph (30 km/h)
– The hill angle is at least approximately 6%

WARNING

– Be ready to apply the brakes at all times when using the hill hold assist.
– Always adjust the speed to the visibility, weather, road, and traffic conditions. The system cannot replace the driver's attention.
– The system cannot maintain a constant vehicle speed in all situations, for example when on smooth or slippery ground. This can increase the risk of an accident.

Ground clearance

The vehicle height and clearance can be influenced by the following factors:

– Change in temperature
– Change in load
– Change to the Audi drive select* mode
– Lifting and lowering via the air suspension*
– Lower the rear* of the vehicle

WARNING

To reduce the risk of injury, make sure no one gets pinched when the vehicle level is changing, for example when cleaning the underbody or the wheel housings.

Note

Always make sure there is enough clearance above and below the vehicle. This is especially important for entrances with height restrictions, for example, before driving into underground garages. You could also scrape the ground when driving over the edges of curbs or on steep ramps, which could damage your vehicle.

High-voltage system

General information

Introduction

Applies to: vehicles with plug-in hybrid drive

All work done on the high-voltage system must only be performed by certified high-voltage technicians at authorized Audi dealers or authorized Audi Service Facilities in accordance with Audi guidelines.

The high-voltage system is composed of the following high-voltage components, among other things: the high-voltage battery, the power electronics, the electric motor, the high-voltage A/C compressor, the high-voltage heater, the charging system and charging port, and the orange high-voltage wiring.

The high-voltage battery is located in the luggage compartment under the cargo floor and does not require any maintenance from the driver.

WARNING

The voltage in the high-voltage system is high enough to cause fatal injuries. Touching a damaged high-voltage component can result in a fatal electric shock. The components in the high-voltage system are marked with a warning label which warns against the high-voltage.

- The voltage level in the high-voltage system is still dangerous and potentially life-threatening when the ignition is switched off.
- Never perform work on the orange high-voltage cables or on other high-voltage components. Only authorized repair facilities that are certified may perform work on the high-voltage system.
- Never damage, alter or remove the orange high-voltage cable or disconnect it from the high-voltage system.
- Never perform any work using cutting, shaping or sharp-edged tools or heat sources near the high-voltage system and high-voltage cables.
- Gases that escape from the high-voltage battery can be poisonous or flammable.
- Damage to the high-voltage battery could cause the high-voltage battery to leak immediately or in the future, and poisonous or flammable gases could escape. Do not inhale the gases!
- Do not expose yourself to any leaking fluids and do not come into contact with them.
- The high-voltage battery electrolyte fluid is caustic. If electrolyte fluid comes into contact with the skin, flush the affected area for at least 15 minutes with clean water. Then wash the affected area with soap. Have the affected area examined by a medical professional.
- In the event of a technical emergency, inform the responders that the vehicle is equipped with a high-voltage battery.

Note

The high-voltage system can be damaged if the vehicle underbody comes into contact with the ground. Immediately drive your vehicle to an authorized repair facility and have it inspected.

Vehicle transport

Applies to: vehicles with plug-in hybrid drive

This section contains information you should know about transporting your vehicle.

A lithium-ion high-voltage battery system equipped in your vehicle has passed test 38.3 in accordance with the UN Tests and Criteria handbook and is manufactured in accordance with a quality management program. The vehicle may be transported with the high-voltage battery installed as conventional class 9 hazardous materials without additional official authorization for air and sea shipment (current law IATA-DGR and IMDG code 01.01.2019).

Charging the high-voltage battery

Introduction

Applies to: vehicles with plug-in hybrid drive

The following options are available to charge the high-voltage battery:

Charging method	Charging cable
Charge with household and industrial alternating current (AC) sockets	Audi e-tron compact charging system ⇨ *page 102*
Charge at public alternating current (AC) charging stations	Charging station cable

Audi recommends using alternating current (AC) to charge the high-voltage battery at industrial sockets, charging stations, or a wallbox. This will allow you to achieve higher efficiency and a considerably shorter charging time when compared to charging with a household socket.

Only charge at household sockets with the Audi e-tron compact charging system under special circumstances when it is not possible to charge at an industrial alternating current (AC) socket or at a public alternating current (AC) charging station.

High-voltage batteries age over time, which reduces the available range. High-voltage batteries can also age because of how they are used: frequently charging the high-voltage battery completely accelerates the aging of the battery and reduces the available range.

Charging time

The duration of the charging process may vary based on the following factors:

– Sockets being used (household or industrial sockets)
– Country-specific system voltage, current strength and number of available phases
– Household connection
– The value set for the charging power level on the Audi charging system control unit
– Fluctuations in the system voltage
– The temperature outside the vehicle
– The temperature of the high-voltage battery and the Audi charging system control unit.
– Settings for the climate control inside the vehicle
– Current capacity of the charging connector
– Whether the ignition is on or off

Important safety precautions

Applies to: vehicles with plug-in hybrid drive

WARNING

Short circuiting, electric shock, explosions, fire, and severe burns can result from charging the battery incorrectly (for example by disregarding general safety precautions, using unsuitable or damaged sockets and charging cables, or charging with unsuitable electrical equipment) and can lead to serious and fatal injuries.

– Do not charge using sockets/electrical equipment that is clearly damaged or installed incorrectly.
– Never use charging equipment that is clearly damaged and/or dirty. Check the charging equipment for damage before every use.
– Never modify or repair any electrical components, especially the high-voltage system.
– Never charge in areas at risk for explosions. The components in the charging equipment can trigger sparks, which can cause flammable or explosive fumes to ignite. To reduce the risk of explosions, especially in garages, make sure the Audi e-tron charging system control unit is at least 19 inches (50 cm) above the floor when charging.
– Never use the charging equipment with an extension cord, a cable reel, a power strip, ▶

or an adapter, for example, a travel adapter or timer.
– Do not touch the contacts on the vehicle charging port or charging equipment.
– Do not insert any objects in the vehicle charging port or in the charging equipment.
– Always protect the sockets and connections from water, moisture and other fluids.
– Only use the charging equipment provided by the factory or the charging station cable.

WARNING

Applies to: Audi charging systems

Sockets that are installed incorrectly can cause electric shock or fire when charging the high-voltage battery using the vehicle charging connection.
– Read all information and safety precautions for Audi charging systems before using them.
– Monitor the Audi charging system if it is being used near children.
– Installation and setup of the household connection for Audi charging systems may only be performed by a qualified electrician. The qualified electrician is thereby responsible for adhering to applicable standards and regulations.
– Make sure that the household socket is grounded and shielded from water.
– If Audi charging systems do not function according to the specifications in this Owner's Manual, they must not be used. Contact an authorized Audi dealer or authorized Audi Service Facility.
– Audi charging systems are intended for use in private and semi-private areas (for example, private property and company parking lots). Depending on the country, charging in mode 2 may be forbidden in public areas and public spaces. Contact an authorized Audi dealer or authorized Audi Service Facility for more information.
– The Audi charging systems may only be used with a power network that is grounded properly. It cannot be used with non-grounded power networks (such as IT networks).
– When charging the high-voltage battery using household/industrial sockets, the electrical installation can be used at full capacity. Having a qualified electrician regularly inspect the electrical installations that are used for charging is recommended.
– If possible, disconnect Audi charging systems from the power network during a thunderstorm.
– Never submerge the Audi charging systems or the connectors in water.
– Audi charging systems must only be cleaned when the control unit is completely disconnected from the power supply and from the vehicle. Use a dry towel to clean.
– Audi charging systems are only intended for use on Audi vehicles and vehicles within the Volkswagen Group. Using the devices on vehicles made by another manufacturer is not authorized.

Note

Make sure that you always use the correct charging equipment for the country in which it is being used. Contact an authorized Audi dealer or authorized Audi Service Facility for more information.

Tips

– Your vehicle can only be charged at charging stations that meet the requirements in the respective country and meet the following standards, at a minimum:
  – GB/T 18487.1 and GB/T 20234 (China)
  – IEC 61851 and IEC 62196 (Europe)
  – SAE J1772 (North America, Japan)
– You can use your Audi charging system if there is a household or industrial connection available at the charging station.

Tips

Applies to: Audi charging systems

– For an uninterrupted charging process, we recommend only charging using sockets that are connected to a separately protected circuit. ▶

– It is recommended to use Audi charging systems in the wall mount clip* during operation. If this is not possible, always position Audi charging systems on a secure surface during the charging process ⇨ ⚠.
– To reduce the risk of overheating during operation, do not place Audi charging systems in direct sunlight for long periods of time. If the control unit is overheated, the charging process is automatically paused until the temperature has lowered back within the normal range.

Charging

Applies to: vehicles with plug-in hybrid drive

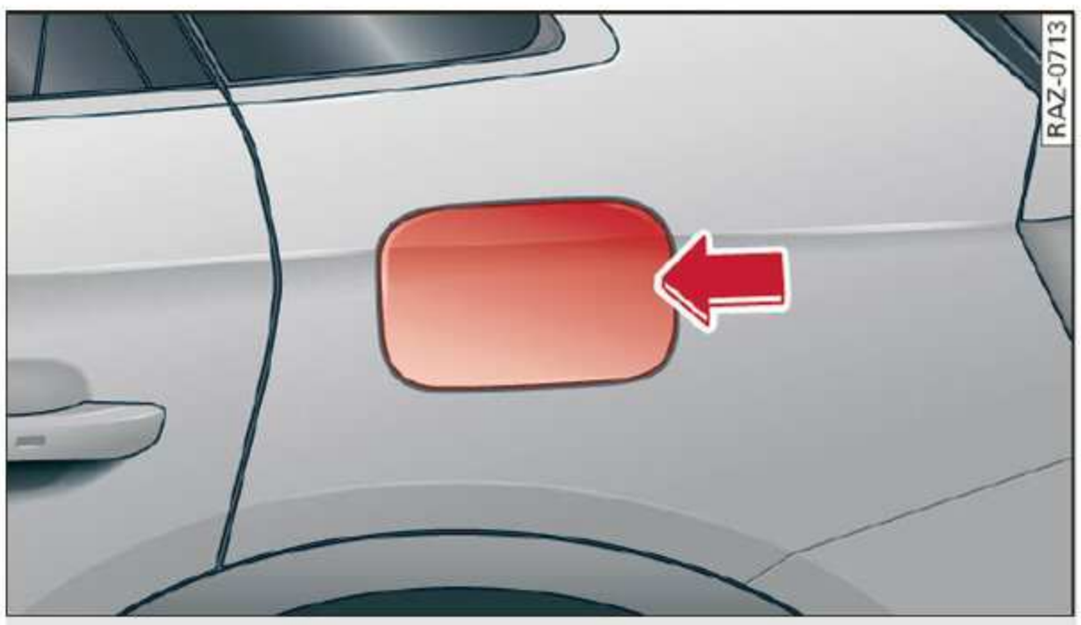


Fig. 94 Left rear side of the vehicle: opening the charging port door

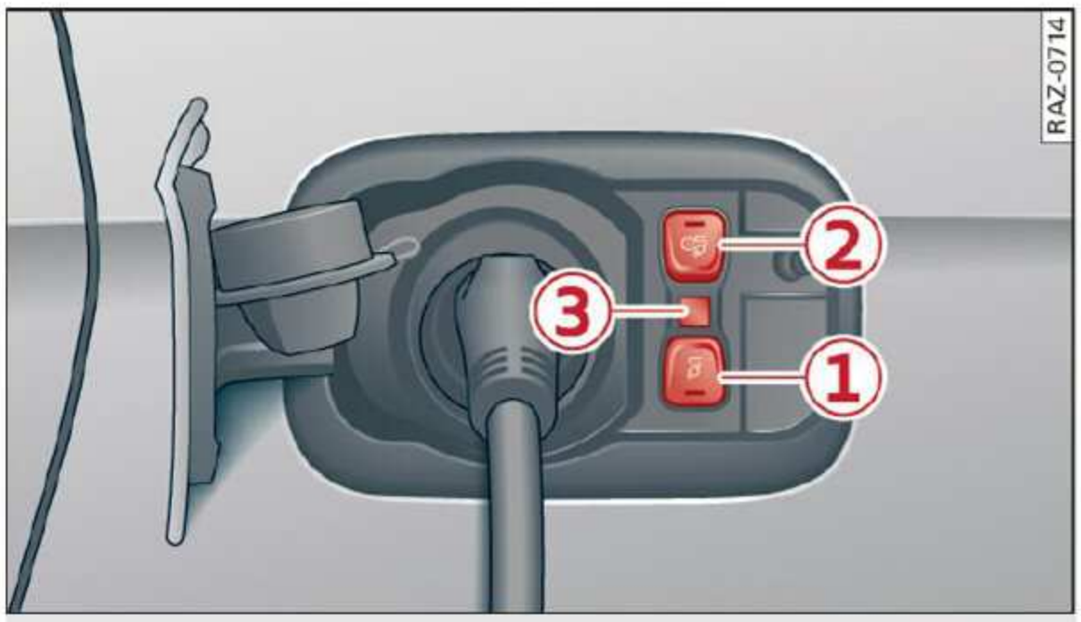


Fig. 95 Charging unit: charging port and buttons/LED

Connecting the charging cable

Requirement: the “P” gear must be selected, the parking brake must be set, and drive ready mode must have ended.

– If necessary, remove the charging cable from the vehicle ⇨ *page 102, Transport*.
– Remove the cap from the charging cable if necessary.
– First connect the charging cable to the power supply, or remove it from the charging station.
– Unwind the charging cable completely.
– Unlock the vehicle.
– To open the charging port door, press on the right side of the cover ⇨ *fig. 94*.
– Remove the cap from the vehicle charging port and place it on the holder on the charging port door.
– Plug the charging connector into the vehicle charging port.

Starting to charge automatically (immediate charging)

If charging is not delayed with a timer, the charging process will begin immediately. If necessary, the charging station may need to be activated. Follow the manufacturer guidelines and operating instructions for the charging station.

While charging

The charging display on the charging unit ③ will flash green while charging. It will pulse in the instrument cluster. You can find the meaning of the possible charging display colors under ⇨ *page 98*.

The charging connector is locked while charging and cannot be removed.

If the driver's door is opened while the ignition is switched off, the current battery charge level and the high-voltage battery range will be displayed in the instrument cluster. If charging is in progress, the remaining charging time will also be displayed.

Immediate charging and timer charging

You can switch between the immediate charging ① and charging timer ② options during the charging process if a charging timer is set ⇨ *page 99*. Press the desired button to do this.

Ending the charging process

You can interrupt the charging process at any time.

– Unlock the vehicle or press the ①/② button when the vehicle is unlocked, and the LED will turn on.
– Remove the charging connector. If the charging connector is not removed within 30 seconds, it ▶

will automatically relock and the charging process may continue.
– Put the cap back on the charging port.
– Close the charging port door.
– Disconnect the charging cable from the power supply if necessary or return it securely to the charging station.
– Install the protective caps on the charging cable again.
– If you are transporting the charging cable in the vehicle, store it securely ⇨ *page 102*.

If the charging connector cannot be removed, you must unlock it manually ⇨ *page 100*.

WARNING

– Do not disconnect the charging cable from the socket or the vehicle charging port while the vehicle is charging. End the charging process before removing the charging cable from the socket in order to reduce the risk of damaging the connector contacts from sparks.
– If the charging unit is damaged, do not charge using the charging port to reduce the risk of injury.
– If the charging unit is damaged or the charging port door cannot close or is missing, drive immediately to an authorized Audi dealer or authorized Audi Service Facility and have the malfunction corrected to reduce the risk of injury.

Note

If you drive with an open charging unit, both the cover and the electronics installed behind it could be damaged. Check before every drive after charging if the cover is locked.

Tips

– If the parking brake is set, it could create noises when the charging connector is connected.
– Remove ice and snow in the charging unit using a hand brush and solvent-free deicing spray.
– The vehicle radio and TV systems may have limited reception when charging the vehicle.

Charging display

Applies to: vehicles with plug-in hybrid drive

The charging display is an LED light on the charging unit ③ ⇨ *page 97, fig. 95* that indicates the charging status. The key for the LED light is explained in the following table.

LED on the charging unit		Meaning
Off		Vehicle charging system is in sleep mode. A timer may be active, but charging has not started yet.
		Charging process is interrupted.
Green	Pulsing	The high-voltage battery is charging.
	Flashing	A timer is active, but charging has not started yet.
	On	High-voltage battery charging process is completed.

LED on the charging unit		Meaning
Yellow	On	When using the Audi charging system, make sure the power plug is inserted in the power socket ⇨ *page 102*. No power supply was recognized even though the charging cable is plugged in. Have the power supply or power supply system inspected. When using the Audi charging system, check the status displays on the unit ⇨ *table on page 103*. See an authorized Audi dealer or authorized Audi Service Facility for assistance if necessary.
	Flashing	The vehicle is not secured from rolling away. Check if "P" is engaged and the parking brake is set. If the LED continues to flash, see an authorized Audi dealer or authorized Audi Service Facility for assistance.
Red	On	The charging connector may not be able to lock correctly in the vehicle charging port. Check if the charging connector is inserted correctly. Remove the charging connector and plug it in the charging port again, or use a different charging station. If the LED stays turned on, there is a malfunction either in the vehicle charging system or at the power source. See an authorized Audi dealer or authorized Audi Service Facility for assistance if necessary.
		The outside temperature is too low or too high.

Tips

The operation status indicated by the LED on the charging unit are is displayed in the instrument cluster .

Setting the timer

Applies to: vehicles with plug-in hybrid drive

By setting a timer, you are specifying the time your vehicle should reach the desired charging target. A timer can either be set one time or to repeat at the selected times. You can also specify if your vehicle should be heated or cooled to the temperature set in the climate control system. You can turn on multiple timers at the same time.

- Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Charging**.

Multiple timers are displayed that you can set separately.

- To set a timer, select the desired timer in the line > right control button > **Program timer**.
- If the timer should be set one time, select **Individual timer**. If the timer should be set to repeat, select **Repeat timer**.
- Set the departure time, the date or day of the week.
- Set a preferred charging time if desired, for example to use off-peak power rates.
- To also activate the electric air conditioning with a timer, select **Electric air conditioning** with the control knob. A ✓ appears in the box. This activation is separate from the Infotainment system settings in the climate control menu ⇨ *page 73*.
- Press the BACK button.
- Confirm the setting with the control knob to turn on a timer. A ✓ appears in the box.
- To activate the timer, press the ② button ⇨ *page 97, fig. 95*.

If the set departure time for the timer is too soon, the desired charging target may not be reached.

Tips

It is not possible to charge using the timer at some charging stations.

Emergency release

Applies to: vehicles with plug-in hybrid drive

You can manually release the charging port door or the charging connector.

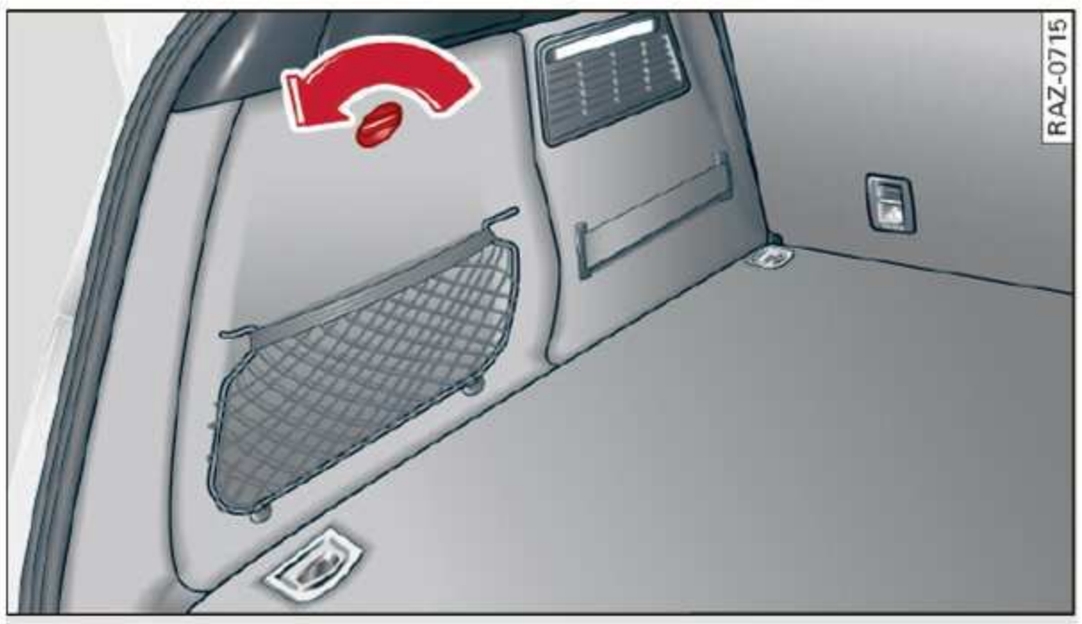


Fig. 96 Left side of the luggage compartment: opening the trim panel

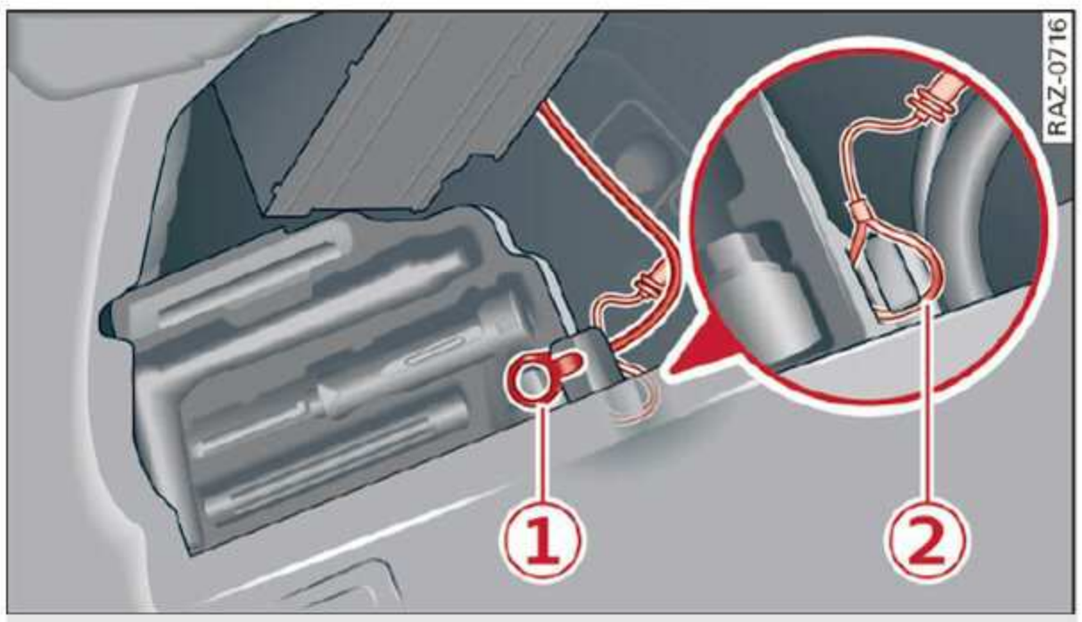


Fig. 97 Left side of the luggage compartment: emergency release

Manually releasing the charging port door

- Open the trim panel in the side portion on the left side of the luggage compartment ⇨ *fig. 96*.
- Loosen the red loop (1) from the retainer and then pull on the loop carefully ⇨ (!).
- To open the charging port door, press on the right side of the cover ⇨ *page 97, fig. 94*.
- After releasing manually, secure the loop on the retainer and close the cover.
- Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Manually releasing the charging connector

If you are not able to pull the charging connector out of the vehicle charging port, there may be a malfunction. You must use the emergency release to release the vehicle charging connector.

Requirement: the “P” gear must be selected and the vehicle must be unlocked.

- End the charging process ⇨ *page 97, Ending the charging process*.
- Open the trim panel in the side portion on the left side of the luggage compartment ⇨ *fig. 96*.
- Loosen the yellow loop (2) from the retainer and then pull on the loop carefully ⇨ (!).
- Remove the charging connector.
- After releasing manually, secure the loop on the retainer and close the cover.
- Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

If the charging connector still cannot be removed after using the emergency release, see an authorized Audi dealer or authorized Audi Service Facility for assistance.

Note

Only pull on the loop until you feel resistance. You will not hear it release. If you continue to pull, you could damage the emergency release mechanism.

Messages

Applies to: vehicles with plug-in hybrid drive

AC charging system: malfunction! Please contact Service

This message appears if there is a malfunction in the charging system. Have the problem corrected immediately by an authorized Audi dealer or authorized Audi Service Facility.

Incompatible charging system. Please check charging system

This message appears when the charging system is incompatible. Only charge using the Audi charging system that is designed for your vehicle.

Charging equipment

Introduction

Applies to: vehicles with plug-in hybrid drive

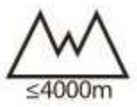
Depending on the vehicle equipment, the Audi e-tron compact charging system may be available. ▶

Using the charging equipment

Pay attention to the following information for safe handling of the charging equipment:

– Secure the charging equipment against any strain, such as being run over, falling, pulling, bending, and crushing.
– Do not submerge the charging equipment in water and do not cover it with snow or ice.
– When you remove the charging cable from the vehicle and from the power supply, only pull at the connectors and not at the cable.
– Put the cap on after using the charging cable.
– Only operate the Audi charging system in a power supply system with a frequency of 50 Hz/60 Hz.
– Only operate or store the Audi charging system at a humidity level between 5% and 95% (no condensation).
– The Audi charging system is protected against dust and splashing water (IP55 (USA: Enclosure 3)).

Depending on the country, different warnings may be on the charging equipment.

Symbol	Meaning
	Operate or store the Audi charging system at a temperature range of -22 °F (-30 °C) to +122 °F (+50 °C).
	Operate or store the Audi charging system at a maximum elevation of 13,000 ft (4,000 m) above sea level.
	The Audi charging system is equipped with a ground conductor that is not connected.
	The Audi charging system is equipped with a connected ground conductor.
	Do not operate the Audi charging system in power networks that are not grounded (for example, IT networks). Only operate the Audi charging system in grounded power networks.

Symbol	Meaning
	Surfaces can become very hot when in direct sunlight.
	
	Incorrect use increases the risk of electric shock.
	
	Pay attention to the applicable owner's manual, particularly the safety precautions.
	
	Pay attention to all applicable disposal regulations when disposing.
	Do not use any extensions cords or cable reels.
	Do not use any travel adapters.
	Do not use any power strips.
	Do not use any charging cables with damage to the electronics or the connecting wires.
	Operate the Audi charging system in single-phase power supplies.

Grounding instructions

Audi charging systems must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. Audi charging systems are equipped with a cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING

Improper connection of the equipment-grounding conductor is able to result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product ▶

– if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

Transport

Applies to: vehicles with plug-in hybrid drive

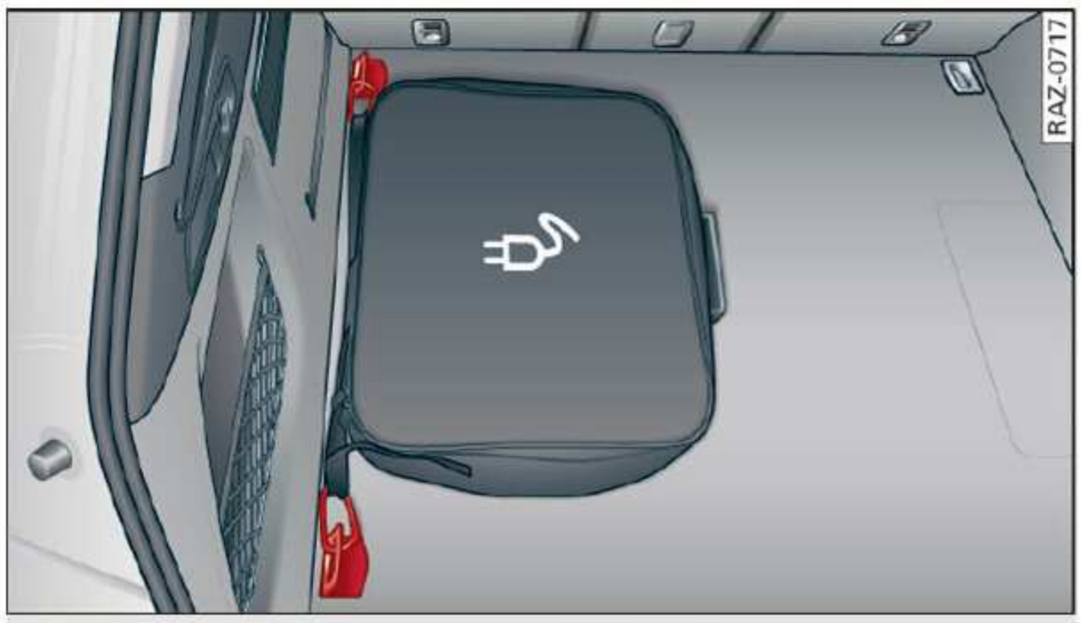


Fig. 98 Luggage compartment: transport bag

- ▸ Always store the charging equipment in the bag securely before transporting.
- ▸ Always position the bag on the left side of the luggage compartment ⇨ *page 64*.
- ▸ Secure a carabiner hook at the tie-down near the edge of the cargo floor.
- ▸ Secure the other carabiner hook at the tie-down near the rear seat backrest.

WARNING

If the charging equipment is not secured or positioned correctly, it can slide out of place and endanger vehicle occupants when braking, when changing directions, or in a collision.

– Only transport charging equipment in the bag in the luggage compartment and never unsecured or in the passenger compartment.

Note

Always lift or carry the Audi charging system as one unit and never by the cables.

Audi e-tron compact charging system

Applies to: vehicles with Audi e-tron compact charging system

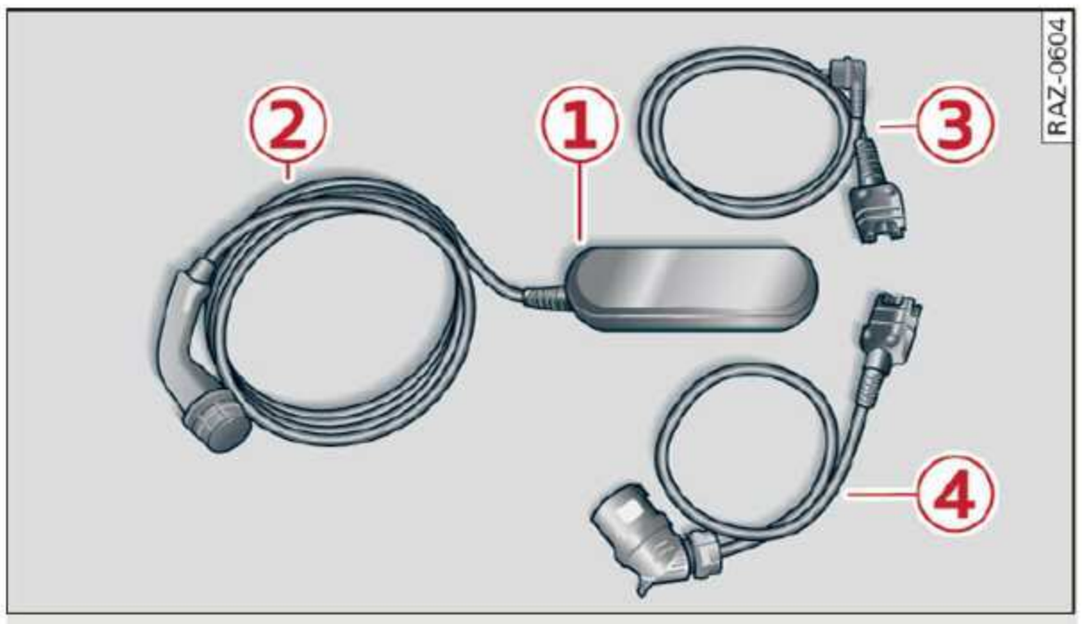


Fig. 99 Audi e-tron compact charging system: components (example)

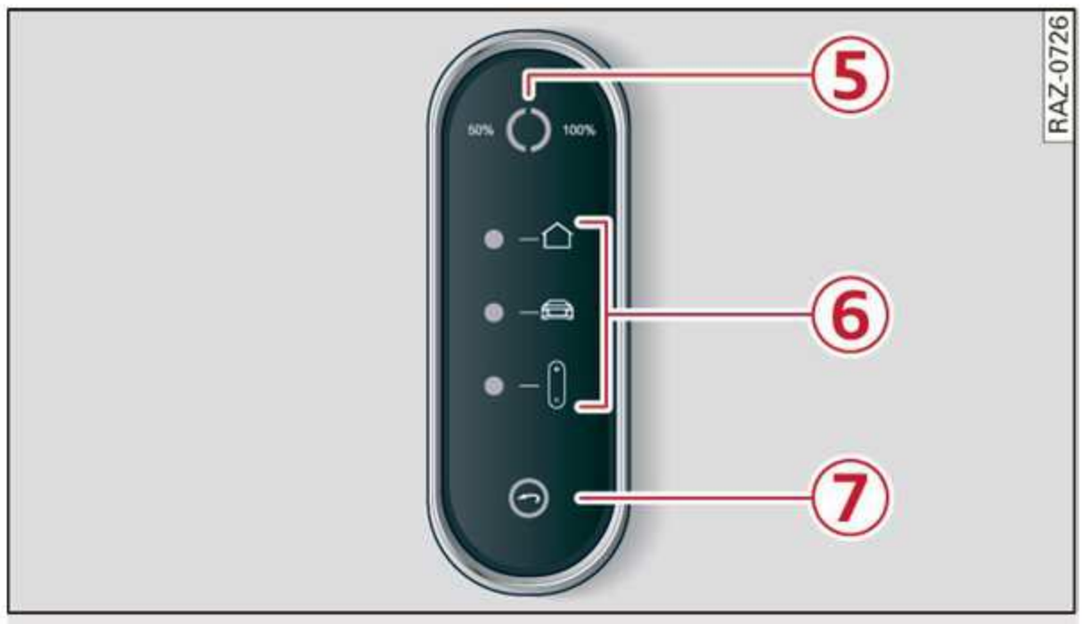


Fig. 100 Audi e-tron compact charging system: control unit

You can use the Audi e-tron compact charging system to charge at a household or industrial socket. Depending on the country and the vehicle equipment, the following accessories may be available:

① Control unit

② Vehicle cable with vehicle charging connector

③ Power cable with power plug for household sockets

④ Power cable with power plug for industrial sockets

The vehicle cable is securely connected to the control unit. The power cable is plugged into the upper end of the control unit and can be switched ⇨ *page 107*. ▸

Control unit overview

⑤	On/Off button, charging power level and LED	
⑥	Status LED:	
	⌂	Power supply/household connection
	🚗	Vehicle
	!	Control panel
⑦	↩	Reset

Adjusting the charging power level

The control unit automatically recognizes the voltage and the available current strength. You can set whether you would like to charge with full or reduced charging power. The last setting that was selected will be saved and used again the next time the vehicle is charged. If multiple items are connected to the power circuit, the charging current may be reduced when charging at a power outlet. This can help to prevent the electrical equipment from overheating.

Before charging, always check if the charging power setting that was selected last is still suitable.

– To set the charging power level, press the button ⑤ ⇨ *fig. 100* for at least two seconds.

After the charging power level is set, the status LEDs ⌂, 🚗 and ! will flash green one time. The selected value (50% or 100%) is displayed on the left or right side of the button.

Control unit: status and malfunction indicators

Indicator lights	Meaning	Solution
Green Off ⌂ Off 🚗 Off ! Off ↩	The charger is ready to charge, but is not charging.	Starting the charging process ⇨ *page 97*.
Flashing green Off ⌂ Off 🚗 Off ! Off ↩	The vehicle is being charged with the ground conductor monitor activated.	
Flashing green Yellow ⌂ Off 🚗 Off ! Off ↩	The power cable has overheated. Possible cause of the malfunction: a multi-phase socket is being used in single-phase mode. The charging performance will be reduced.	After the cable cools down, the malfunction will be automatically cleared. Until it cools down, charging performance will be reduced. If the malfunction continues, have the power supply/household connection checked by a qualified electrician.
Flashing green Off ⌂ Off 🚗 Yellow ! Off ↩	The control unit has overheated. The charging performance will be reduced.	After the control unit cools down, the malfunction will be automatically cleared. Never leave the control panel in direct sunlight for long periods or time. Until it cools down, charging performance will be reduced. If the malfunction continues, have the control unit checked by an authorized Audi dealer or authorized Audi Service Facility.

Indicator lights	Meaning	Solution
Red Yellow Off Off Off	The power cable has overheated. The charging process has been interrupted.	After the cable cools down, the malfunction will be automatically cleared and the charging process will resume. If the malfunction continues, have the control unit checked by an authorized Audi dealer or authorized Audi Service Facility, or have the power supply/household connection checked by a qualified electrician.
Red Off Off Yellow Off	The control unit has overheated. The charging process has been interrupted.	After the control unit cools down, the malfunction will be automatically cleared and the charging process will resume. Never leave the control panel in direct sunlight for long periods or time. If the malfunction continues, have the control unit checked by an authorized Audi dealer or authorized Audi Service Facility.
Red Flashing yellow Off Off Off	The charging infrastructure of the power supply/household connection is restricted. Possible cause of the malfunction: low voltage or poor power frequency. The charging process has been interrupted.	After the power supply/household connection stabilizes, the malfunction will be automatically cleared and the charging process will resume. If the malfunction continues, have the power supply/household connection checked by a qualified electrician.
Red Off Flashing yellow Off Off	There is a malfunction in the vehicle charging system. The charging process has been interrupted.	After the vehicle charging system stabilizes, the malfunction will be automatically cleared and the charging process will resume. If the malfunction continues, have the vehicle checked by an authorized Audi dealer or authorized Audi Service Facility.
Red Off Off Flashing yellow Off	The power cable or vehicle cable is faulty. Possible cause of the malfunction: the coding resistance of the power or vehicle cable is not compatible. The charging process has been interrupted.	Have the power or vehicle cable replaced by an authorized Audi dealer or authorized Audi Service Facility.
Red Off Red Off Off	There is a malfunction in the vehicle charging system. The charging process has been interrupted.	End the charging process at the vehicle and remove the vehicle cable from the vehicle charging port. Disconnect the charger from the power supply and reconnect it after 60 seconds. Restart the charging process ⇨ *page 97*. If the malfunction continues, have the vehicle checked by an authorized Audi dealer or authorized Audi Service Facility.

Indicator lights	Meaning	Solution
Red Flashing red Off Off Off	There is an overvoltage in the charging infrastructure of the power supply/household connection. The charging process has been interrupted.	Disconnect the charger from the power supply and reconnect it after 60 seconds. If the malfunction continues, have the power supply/household connection checked by a qualified electrician.
Red Off Off Red Off	The control unit has a technical malfunction. The charging process has been interrupted.	Disconnect the charger from the power supply and reconnect it after 60 seconds. If the malfunction continues, have the control unit checked by an authorized Audi dealer or authorized Audi Service Facility.
Red Off Off Flashing red Off	The control unit has a technical malfunction (self-test failed). The charging process has been interrupted.	Disconnect the charger from the power supply and reconnect it after 60 seconds. If the malfunction continues, have the control unit checked by an authorized Audi dealer or authorized Audi Service Facility.
Red Red Red Off Off	The charging infrastructure of the power supply/household connection is insufficient: the ground conductor is interrupted or not present. The ground conductor monitor has interrupted the charging process.	Have the control unit checked by an authorized Audi dealer or authorized Audi Service Facility, and have the power supply/household connection checked by a qualified electrician. Do not use the power supply/household connector until the malfunction is corrected.
Red Red Red Red Off	The indicator light in the reset button on the control unit is faulty. The charging process has been interrupted.	Have the control unit replaced by an authorized Audi dealer or authorized Audi Service Facility.
Red Red Red Red Flashing red	The control unit has detected residual current. The charging process has been interrupted.	Press and hold the ⟲ button for at least two seconds. If the malfunction continues, have the control unit checked by an authorized Audi dealer or authorized Audi Service Facility, and have the power supply/household connection checked by a qualified electrician.
Red Flashing red Flashing red Flashing red Off	The charging infrastructure is wired incorrectly. The charging process has been interrupted.	Disconnect the charger from the power supply. Have the power supply/household connection checked by a qualified electrician.

Indicator lights	Meaning	Solution
Red Red Red Red Red	The control unit has a technical malfunction. Possible cause of the malfunction: software error or the load relay has been switched incorrectly. The charging process has been interrupted.	Disconnect the charger from the power supply and reconnect it after 60 seconds. If the malfunction continues, have the control unit checked by an authorized Audi dealer or authorized Audi Service Facility, and have the power supply/household connection checked by a qualified electrician.
Flashing red Off Off Red Off	The control unit has a serious malfunction. The charging process has been interrupted.	Have the control unit replaced by an authorized Audi dealer or authorized Audi Service Facility.
Off Red Red Red Red	The indicator light in the On/Off button on the control unit is faulty. The charging process has been interrupted.	Have the control unit replaced by an authorized Audi dealer or authorized Audi Service Facility.

Technical Data

Output	9.6 kW
Current rating	40 A single phase
System voltage	120 V – 240 V
Power frequency	50 Hz/60 Hz
Overvoltage category (EN 60664)	II
Short-time current rating (EN 61439-1)	<10 kA eff.
Power plug versions	NEMA 6-30; NEMA 6-50; NEMA 14-30; NEMA 14-50; NEMA 5-15
Integrated residual-current device	AC: 20 mA; DC: 56 mA
Vehicle charging connector	Type 1
Protection class	I
IP Code	55 (USA: Enclosure 3)
Control unit mass	5.3 lbs – 7.7 lbs (2.4 – 3.5 kg)
Control unit dimensions (height x width x depth)	12.2 in x 4.1 in x 2.8 in (310 mm x 105 mm x 72 mm)

Tips

– The device runs a self test after power has been restored to the control unit. If a self test is successful, all indicator lights will illuminate green for two seconds.

– The Audi e-tron compact charging system is designed for charging at sockets with a voltage of 120 V/240 V. If your socket has a different voltage, contact and authorized Audi dealer or authorized Audi Service Facility. ▶

– If your Audi e-tron compact charging system has a fixed connection, meaning can be connected directly to the power supply without a power cable, contact a qualified electrician or an authorized Audi dealer or authorized Audi Service Facility.

Changing or attaching the power cable

Applies to: vehicles with Audi charging system

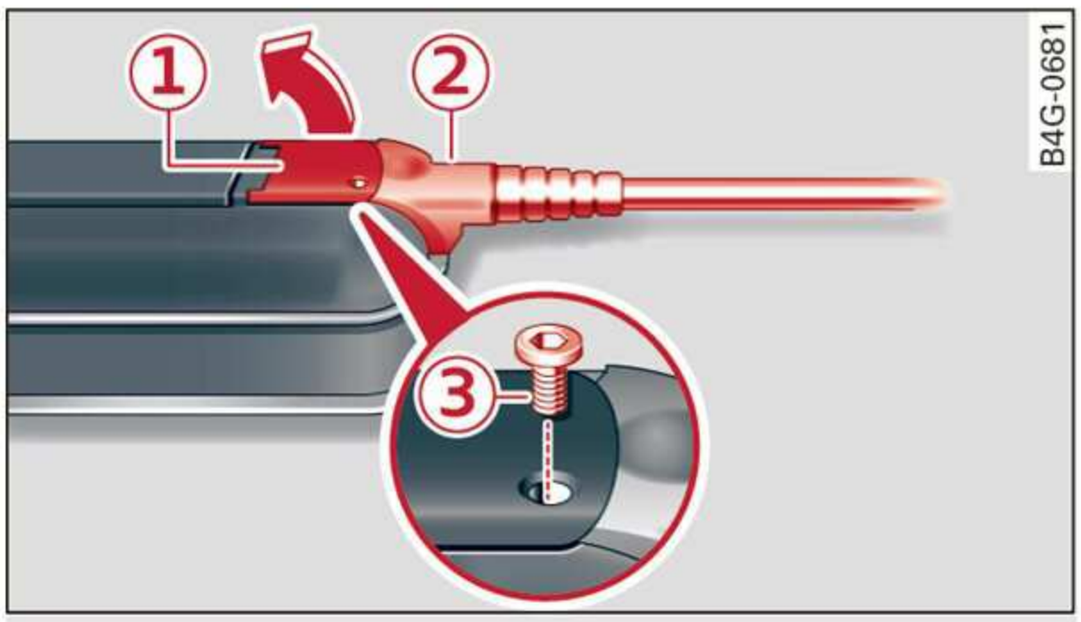


Fig. 101 Control unit: removing and attaching the cable

Requirements:

- ▸ The charging process for the high-voltage battery must be ended ⇨ *page 97*.
- ▸ The vehicle charging connector must be removed from the vehicle charging port.
- ▸ The power cable must be removed from the socket.

Loosening the cable

- ▸ If necessary, loosen the screw ③ using the screwdriver provided.
- ▸ Lift the lever ① all the way up.
- ▸ Pull the connector ② out just until you feel resistance.
- ▸ Close the lever ① until it is resting on the connector ②.
- ▸ Remove the connector ② completely.

Attaching the cable

- ▸ Lift the lever ① up slightly.
- ▸ Insert the connector ② into the control unit just until you feel resistance.
- ▸ Lift the lever ① all the way up.
- ▸ Insert the connector ② all the way into the control unit.
- ▸ Close the lever ①.
- ▸ Tighten the screw ③ using the screwdriver provided.

WARNING

– Note the warnings for charging ⇨ ⚠ *in Charging on page 98*.
– Before switching the power cable, always unplug the power cable from the socket.
– Only change cables in a dry environment.
– The Audi charging system may only be used as a complete unit consisting of the power cables, the control unit, and the vehicle cable. We recommend using only cables approved by Audi.

Tips

The power cable with the power connector for industrial sockets and the Audi charging system control unit are designed to work together. Changing the power cable to another connector type may reduce the available charging power of the entire system.

Wall mount clip

Applies to: vehicles with plug-in hybrid drive and wall mount clip

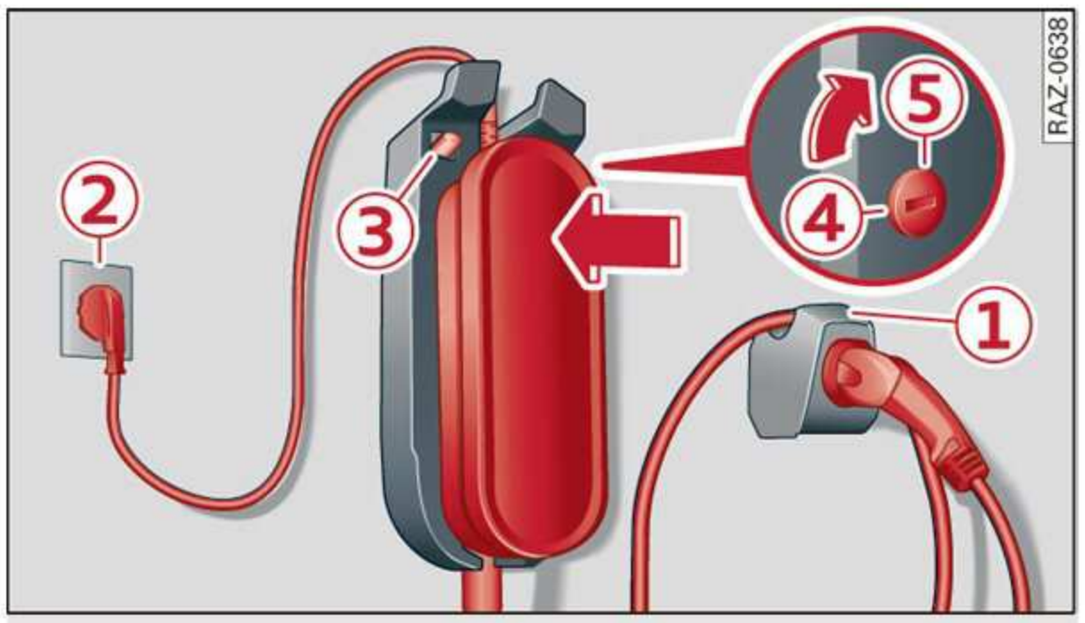


Fig. 102 Wall mount clip: securing the Audi charging system

Securing the Audi charging system

- ▸ First insert the control unit in the bottom tabs on the wall mount clip and then into the upper tabs.
- ▸ Push the control unit in the direction of the arrow toward the rear ⇨ *fig. 102* and let it lock into place. ▶

- ▸ Wrap the excess length of cable around the charging connector mount ① when you are not charging the high-voltage battery.
- ▸ Plug the power cable into the socket ②.
- ▸ After charging, you can hook the vehicle charging connector to the charging connector mount ①.

Locking and unlocking the Audi charging system

- ▸ You can lock or unlock the Audi charging system using the key provided by turning it to the lock position ④ or the unlock position ⑤.

Removing the Audi charging system

- ▸ Remove the power cable connector from the socket ②.
- ▸ Unwind the cable from the charging connector mount ①.
- ▸ To loosen the control unit from the bracket, push the locking mechanism ③ upward.

WARNING

Observe the safety precautions in the assembly instructions for the wall mount clip.

Trailer towing

Driving with a trailer

General information

Your vehicle is primarily intended for transporting people and luggage. However, if you drive with a trailer, follow the technical requirements, the operation and driving tips, and the legal regulations.

Driving with a trailer affects the vehicle's energy usage, performance, and wear. It also requires higher concentration from the driver.

WARNING

Do not transport any people in a trailer due to the risk of fatal injury.

Technical requirements

Certain requirements must be met when towing a trailer.

Trailer hitch

Only use a trailer hitch with a removable ball hitch mount and ball hitch. The trailer hitch must be permitted for the vehicle, the trailer and the permitted total weight of the trailer being pulled. Above all, it must be securely and safely attached to the vehicle trailer.

Never mount a trailer hitch on the bumper. The trailer hitch must be mounted in a way that does not impair the function of the bumper. Do not make any changes to the exhaust system and the brake system.

Check regularly if the trailer hitch is securely mounted. Always follow the instructions given by the trailer hitch manufacturer.

Trailer brakes

If the trailer has its own brake system, then follow the manufacturer specifications. However, the brake system on the trailer must never be connected to the vehicle brake system.

Engine cooling system

Driving with a trailer means a higher load on the engine and the cooling system. The cooling system must be designed for additional load and contain enough coolant ⇨ (!).

WARNING

– Never mount a "weight-distributing" or "load-balancing" trailer coupler as the trailer hitch. The vehicle was not designed for these types of trailer hitches. The trailer hitch can malfunction and the trailer can break off from the vehicle.
– If the trailer is equipped with electronic brakes, these brakes cannot be activated by a factory-installed control system, which increases the risk of an accident.
– To reduce the risk of injury, always remove the ball hitch mount if no trailer is mounted.

Note

Longer inclines cannot be driven without a suitable cooling system, especially if the outside temperatures are high. Otherwise, this increases the risk of engine damage.

Operating instructions

Towing capacity

The permitted towing capacity must not be exceeded under any circumstances ⇨ *page 393*.

You can drive up larger inclines if you are not using the maximum towing capacity.

The specified towing weights only apply at elevations up to 3,200 ft (1,000 m) above sea level. As the elevation increases, the engine power decreases due to the decreasing air pressure. This reduces the hill climbing ability and towing capacity. For every additional 3,200 ft (1,000 m), the maximum permitted towing weight must be reduced by approximately 10%. The permitted towing weight is the combined weight of the (loaded) vehicle and the (loaded) trailer. ▶

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Tongue weight

The maximum permitted tongue weight of the trailer drawbar on the trailer hitch ball head must not be exceeded.

Having the tongue weight too low affects the vehicle's handling. For driving safety, always using the maximum permitted tongue weight is recommended, but not exceed it. Distributing the cargo in the trailer correctly will help to achieve this weight.

You can determine the tongue weight using a tongue weight scale, a bathroom scale, or a public weigh station, for example.

The permitted tongue weight of your vehicle can be found in the vehicle documentation or in ⇨ *page 393*.

Load distribution

Poor cargo load and distribution can negatively impact vehicle handling. Load the trailer based on the following criteria as much as possible:

– Store objects in the vehicle luggage compartment, if possible. The vehicle should always carry the heaviest possible load and the trailer should have the lightest possible load.
– Distribute the load in the trailer so that the heavy objects are as close to the axle as possible.
– Secure objects so that they do not slide.
– Utilize the maximum permitted tongue weight if possible.

Tires

Set the tire pressure on your vehicle for a “full load”; see the tire pressure sticker ⇨ *page 351*. If necessary, also adjust the tire pressure on the trailer according to the manufacturer's specifications.

The trailer and the vehicle should be equipped with winter tires when driving in winter temperatures.

Outside mirrors

If you cannot see the traffic behind the trailer with the standard exterior mirrors, then you must attach additional exterior mirrors. Adjust them so you have a sufficient visibility behind you.

Exterior lighting

Follow the legal regulations regarding the lighting equipment on your trailer. Contact an authorized Audi dealer or authorized Audi Service Facility for more information.

Before you start driving, check all lighting equipment on the trailer while it is hitched to the vehicle.

The headlight range control automatically adjusts the light range of the headlights.

The turn signals are activated in trailer mode if the indicator light blinks. If a turn signal on the trailer or on the vehicle fails while in trailer mode, the indicator light will **not** blink twice as fast to indicate this.

Safety chains

Make sure the safety chains are correctly applied when pulling a trailer. The chains should hang enough so that the trailer can drive around curves. However, they must not touch the ground.

Air suspension

Applies to: vehicles with air suspension

The air suspension must be at the standard vehicle height before you adjust the tongue weight on the trailer and hitch the trailer ⇨ (!), ⇨ *page 148, Lifting and lowering the vehicle*.

For vehicles with a factory-installed trailer hitch, the air suspension trailer mode will automatically switch on if you connect the trailer cable to the socket.

For vehicles with a retrofitted trailer hitch, you must switch on the air suspension trailer mode manually. Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Vehicle settings** > **Air suspension: trailer**. Switch it off again when you are no longer towing a trailer.

You can also switch off trailer mode manually while driving, for example, when using a bicycle rack system. ▶

If you have to drive through difficult road conditions, you can raise the vehicle again after hitching the trailer or after adjusting the tongue weight.

Note

Applies to: vehicles with air suspension

– Changes in temperature or load can affect the height of the vehicle.
– If the standard vehicle height is not used, the tongue weight specification is no longer applicable.

Note

Attachments retrofitted on the vehicle may cause damage, especially on the trailer hitch ball head. In cases of damage, have the function checked by an authorized Audi dealer or authorized Audi Service Facility.

Tips

– Block the wheels with chocks when parking on inclines if the trailer is loaded.
– Having the vehicle inspected between the inspection intervals is recommended if you tow a trailer frequently.
– Avoid driving with a trailer during the vehicle break-in period.

Driving with a trailer

Driving with a trailer requires extra caution.

Speed

Adhere to the legal speed limits. Follow the legal regulations specific to the country.

As the speed increases, the driving stability of the trailer decreases. Therefore you should not exceed the maximum legal speed limit when there are unfavorable road, weather, and/or wind conditions. This especially applies when driving downhill.

Hill

When you start driving uphill or downhill, trailers may tilt or sway sooner than when driving on a level surface. If small swaying movements have already occurred, you can stabilize the trailer by firmly braking immediately. Never attempt to "straighten out" the trailer by accelerating.

Downshift before driving on hills to utilize the engine braking effect ⇨ ⚠.

Brakes

When using a trailer with overrun brakes, first brake gently then quickly. This reduces the risk of jerking while braking if the trailer wheels lock up.

Engine coolant temperature

Pay attention specifically to the coolant temperature display when there are high outside temperatures, and when driving on long inclines ⇨ *page 15*. Shift to a higher gear in a timely manner.

WARNING

Constant braking causes the brakes to overheat and can substantially reduce braking performance, increase braking distance, or cause complete failure of the brake system.

Assist systems

Speed warning system

Description

Applies to: vehicles with speed warning system

The speed warning system helps you to stay below a specified maximum speed that can be set, changed or deleted in the Infotainment system.

The speed warning system warns you if you are exceeding the maximum speed that you have set. A warning tone will sound as soon as your speed exceeds the stored value slightly. The MPH / Km/h indicator light and a message appear in the instrument cluster display at the same time. The MPH / Km/h indicator light and the message turn off if the speed falls back below the stored maximum speed.

Setting a threshold is recommended if you would like to be reminded when you reach a certain maximum speed. Situations where you may want to do so include driving in a country with a general speed limit or if there is a specified maximum speed for winter tires.

Setting the warning threshold

▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Speed warning** > **Manual**.

Tips

Regardless of the speed warning system, you should always monitor your speed using the speedometer and make sure you are following the legal speed limit.

Messages

Applies to: vehicles with speed warning system

MPH / Km/h Manually set XX warning threshold exceeded

The stored speed was exceeded.

Cruise control system

Description

Applies to: vehicles with cruise control system

The cruise control system assists the driver in maintaining a constant speed above approximately 15 mph (20 km/h). The system maintains the desired speed by braking and accelerating.

WARNING

– Always pay attention to the traffic around your vehicle when the cruise control system is in operation. As the driver, you are always responsible for controlling your vehicle speed and the distance between your vehicle and other vehicles.
– For safety reasons, cruise control should not be used in the city, in stop-and-go traffic, on winding roads, and when road conditions are poor (such as ice, fog, gravel, heavy rain, and conditions that could lead to hydroplaning), because this increases the risk of an accident.
– Switch the cruise control off temporarily when driving in turning lanes, highway exits, or in construction zones.
– To reduce the risk of an accident, you should only resume the stored speed if it is suitable for the current traffic conditions.

Note

– Conventional drive system: Before driving downhill a long distance on a steep hill, decrease your speed and select a lower gear. This makes use of the engine braking effect and reduces the load placed on the brakes.
– Plug-in hybrid drive: Before driving downhill a long distance on a steep hill, decrease your speed and use the braking effect of recuperation ⇨ *page 83*. This reduces the load on the brakes.

Tips

The brake lights turn on when the brakes are applied automatically.

Switching the system on

Applies to: vehicles with cruise control system



Fig. 103 Lever: switching on the cruise control system

Requirement: the ignition must be switched on.

- To switch the system on, pull the lever toward you to position (1).

The CRUISE or indicator light and the corresponding message will appear in the instrument cluster.

WARNING

If the brakes are malfunctioning (for example, overheating) while the cruise control system is switched on, it may shut off automatically.

Preselecting or activating a cruise control speed

Applies to: vehicles with cruise control system

When the vehicle is stationary, you can preselect the cruise control speed or activate the speed while driving.

Requirement: the system must be switched on.

- To preselect a cruise control speed when the vehicle is stationary, tap the lever toward (+)/(-) ⇨ *page 113, fig. 103*.
- To activate the cruise control speed, pull the lever toward position (1) while driving, or:
- To set the current driving speed as the cruise control speed, press the button (A) on the lever.

The active cruise control speed is indicated with the CRUISE or indicator light in the instrument cluster.

An additional indicator appears in the head-up display*.

Changing the cruise control speed

Applies to: vehicles with cruise control system

- To increase or decrease the cruise control speed in small increments, tap the lever up to the first level toward (+)/(-) ⇨ *page 113, fig. 103*.
- To increase or decrease the cruise control speed in larger increments, tap the lever up to the second level toward (+)/(-).
- To increase or decrease the cruise control speed continuously, tap and hold the lever at the first or second level toward (+)/(-).

Overriding or deactivating the cruise control speed

Applies to: vehicles with cruise control system

You can override or deactivate the cruise control system. When you deactivate the system, your cruise control speed will be stored and you can resume that speed.

Requirement: the system must be switched on and activated.

Overriding

- To temporarily override the cruise control speed, press the accelerator pedal.
- Once you release the accelerator pedal, the system will adjust back to the stored cruise control speed.

If you override the cruise control system for a long period of time, the cruise control system will be deactivated. The CRUISE or indicator light will be displayed and the cruise control speed will be saved.

Deactivating

- To deactivate the cruise control speed, press the lever toward (2) (not locked into place) ⇨ *page 113, fig. 103*.
- Press the brake pedal.

WARNING

Resting your foot on the accelerator pedal could override the cruise control. This will prevent braking interventions by the system.

Switching the system off

Applies to: vehicles with cruise control system

When you switch the system off completely, the cruise control speed will be deleted.

Requirement: the system must be switched on.

- To switch the system off, press the lever toward ② (locked into place) ⇨ *page 113, fig. 103*, or:
- Switch the ignition off.

Message

Applies to: vehicles with cruise control system

CRUISE / Speed control system: currently unavailable. See owner's manual

If the indicator light turns on and this message appears, the cruise control system has been deactivated. There is a temporary malfunction, for example the brakes are overheating. Switch the cruise control system on again later.

Camera-based traffic sign recognition

Description

Applies to: vehicles with camera-based traffic sign recognition

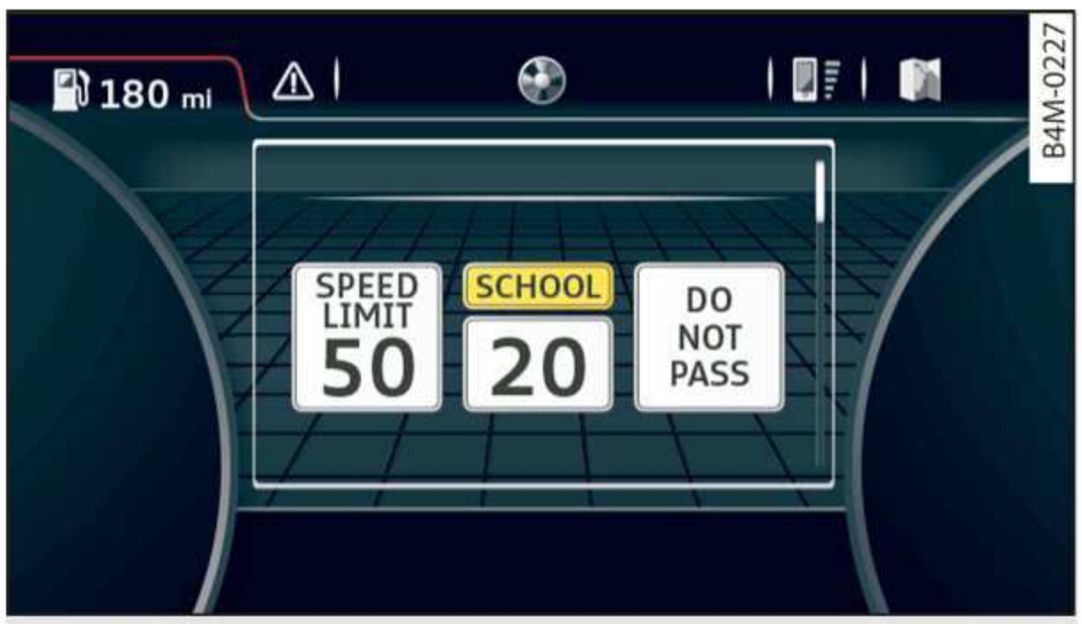


Fig. 104 Instrument cluster: traffic sign recognition

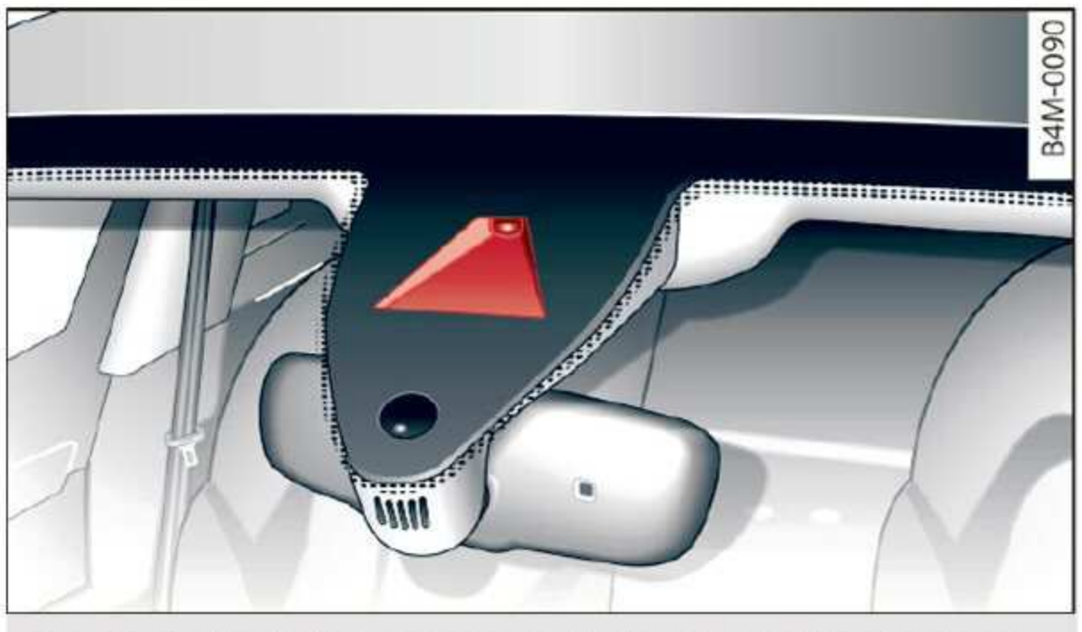


Fig. 105 Windshield: camera window for traffic sign recognition

Traffic sign recognition assists you when driving by displaying detected speed limits or signs prohibiting passing in the instrument cluster display ⇨ *fig. 104*. Within the limits of the system, the legal speed limits in school zones are detected and displayed.

General information

Traffic sign recognition can detect standard speed limit signs that are within the camera's visual field. With assistance from navigation data, detected speed limits are evaluated and shown in the display. The traffic sign for the current detected speed limit will blink in the display if you exceed the warning threshold set in the Infotainment system ⇨ *page 115*.

The traffic sign recognition is subject to certain system limitations and may be unavailable or only partially available in the following situations:

– When visibility is poor, such as in snow, rain, fog, or heavy spray
– When there is glare, for example from oncoming traffic or the sun
– At high speeds
– If the camera's visual field ⇨ *fig. 105* is covered, for example by dirt or stickers. Cleaning information ⇨ *page 361*
– If the traffic signs are completely or partially covered, for example by trees, snow, dirt, or other vehicles
– If traffic signs do not conform to the standard format
– If traffic signs are damaged or bent
– If traffic signs are displayed on sign holders with electronic signs
– If the traffic signs or the configuration of the road have changed (navigation data is no longer up-to-date)

WARNING

– Pay attention to traffic and the area around your vehicle when traffic sign recognition is turned on. The traffic signs installed on the road always take precedence over the display. The driver is always responsible for assessing the traffic situation. ▶

– Under some circumstances, traffic sign recognition may not detect traffic signs correctly or detect them at all. As a result, the system may not display the correct speed limit or any speed limit.
– Traffic sign recognition does not adapt your vehicle's speed to match the speed limit!
– The display in the instrument cluster is based on the units of measurement used for speed in the country where the vehicle is being operated. As a result, a display of **50** in the instrument cluster can mean either mph or km/h, depending on the country.

Operation

Applies to: vehicles with camera-based traffic sign recognition



Fig. 106 Instrument cluster: additional display

Accessing traffic sign recognition

▸ Select: the first tab > **Traffic signs**.

Setting a speed warning

You can set a warning threshold down to 10 mph (15 km/h). The traffic sign for the current detected speed limit will blink in the display if you exceed the set threshold.

▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Speed warning** > **Traffic sign based warning**.

Additional display

If a view other than the traffic sign recognition is selected in the instrument cluster display, the speed limit will be shown in another display ⇨ *fig. 106*. The current applicable speed limit will be shown there, if possible within the limits of the system.

Tips

– An additional indicator appears in the head-up display*.
– Your speed warning settings are stored automatically and assigned to the vehicle key in use.

Messages

Applies to: vehicles with camera-based traffic sign recognition

Traffic sign recognition: currently unavailable. Camera view limited due to surroundings

Function currently unavailable. Camera view restricted due to surroundings

This message appears if the camera's visual field is covered ⇨ *page 114, fig. 105*. The system will switch itself off.

Traffic sign recognition: currently limited. See owner's manual

This message appears if there is a malfunction in the navigation system, for example. The speed limit display is limited, which increases the risk of an incorrect display.

Traffic sign-based speed warning: currently unavailable. See owner's manual

There will be no warning when the set threshold is exceeded.

No traffic sign information available

There is no valid navigation data and no speed limits were detected. This may also appear if there is a recommended speed, but no speed limit (for example when driving on and off the expressway).

Malfunction! See owner's manual

The system may not function correctly so it has been switched off. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Function not available in this country

The vehicle is in a country where the function is not available.

80A012721BJ

Traffic light information

Description

Applies to: vehicles with traffic light information

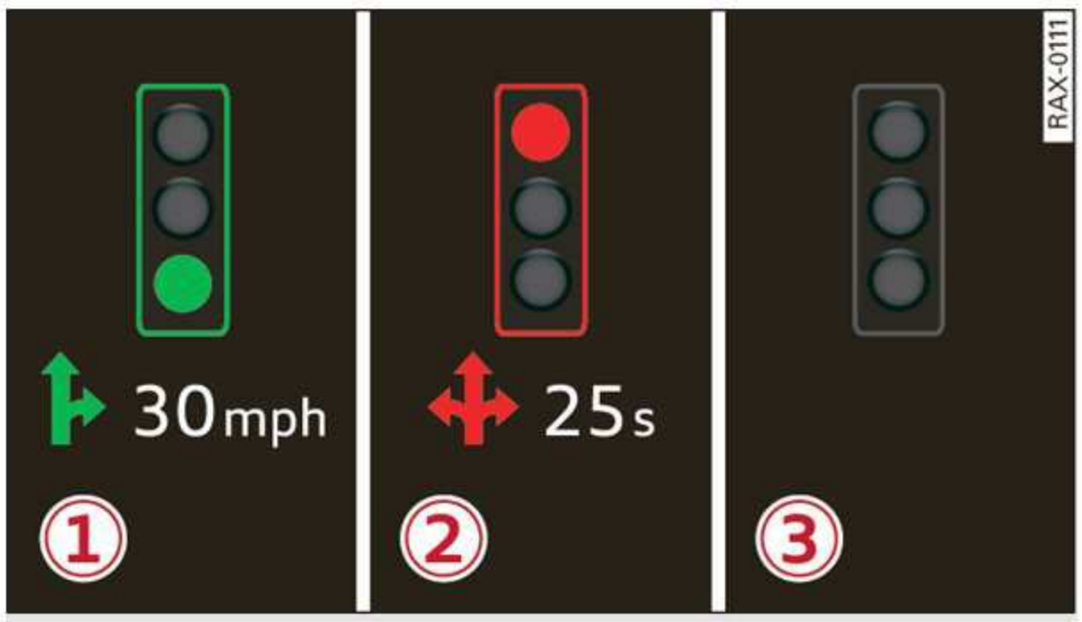


Fig. 107 Instrument cluster: traffic light information display

The traffic light information gives you a speed recommendation in order to reach the next traffic light when it is green ①, or it informs you of the wait time at the next red light ②. Once traffic light data is received, the traffic light information will be displayed in the instrument cluster and in the head-up display*. If the vehicle is in an area with traffic light information but cannot receive a traffic light signal, then a gray traffic light symbol will be displayed ③.

General information

The traffic light information is subject to system limitations and may be unavailable or only partially available in the following situations:

- If the permitted speed limit is exceeded
- If driving below a certain speed limit
- If the next traffic light is less than approximately 100 feet (30 m) away
- If the estimated wait time at a red light is less than four seconds
- If there is no traffic light data available
- If emergency response vehicles or public transit systems are active
- If traffic lights are in construction zones or being serviced
- If there are warnings from the camera-based traffic sign recognition*
- If the camera-based traffic sign recognition* is malfunctioning or not available
- If the data connection has been interrupted
- If data transmission is deactivated in the privacy settings
- If the subscription has expired

If this is the case, the menu item will be grayed-out or it will not be possible to select it.

WARNING

- When traffic light information is shown, also always pay attention to the traffic situation, the distance to other vehicles and the area around the vehicle. The driver is always responsible for assessing the traffic situation.
- Always adapt your speed to the current weather, road and traffic conditions. The displayed information must never cause you to ignore legal traffic regulations and pose a safety risk.
- Regardless of the traffic light information, you should always monitor your speed using the speedometer and make sure you are adhering to the legal speed limit.
- The traffic light information does not adjust your vehicle's speed to the speed recommendation shown in the display.

Tips

- Traffic light information was only available in select cities at the time this manual was printed.
- Traffic light information is not available nationwide.
- The functions depend on the navigation data* being up-to-date and correct identification by the traffic sign recognition*.
- Incorrect values from the camera-based traffic sign recognition* or outdated navigation system* map data can result in missing or incorrect display images.
- Certain traffic lights can automatically adjust to the current traffic situation. If this occurs, the display of traffic light information can change suddenly.
- The traffic signs on the road always take priority over the display. The driver is always responsible for adhering to the regulations ▶

applicable in the country where the vehicle is being operated.
– Units of measurement and language settings are displayed based on how they were set in the MMI system settings ⇨ *page 261*.

Operation

Applies to: vehicles with traffic light information

Switching traffic light information on and off

► Select in the Infotainment system: MENU button > **Audi connect** > **Traffic light information**.

Tips

If another tab or another function is selected in the instrument cluster, the traffic light information will appear in the status bar on the instrument cluster.

Messages

Applies to: vehicles with traffic light information

Malfunction! See owner's manual

The system could not be configured, for example due to a network malfunction. Switch the ignition off and shut down the vehicle to restart the system. Wait several minutes until the vehicle has shut down completely and then switch the ignition back on.

Function currently unavailable. See owner's manual

There is a temporary system malfunction. Check if one or more of the following situations applies and correct the issue if necessary:

– Traffic light information is switched off
– Data transmission is deactivated
– Vehicle does not have traffic sign recognition
– There is no valid license
– Traffic light information is not available in that area

Lap timer

Introduction

Applies to: vehicles with lap timer

You can measure and analyze lap times with the lap timer in the display.

Opening the lap timer

► Open the first Vehicle tab (trip computer) using the ◁ ▷ button on the multifunction steering wheel.
► Select on the multifunction steering wheel: left control button > **Lap times**.

Operating the lap timer

► On the multifunction steering wheel, turn the left thumbwheel (7) ⇨ *page 17* until the desired menu item is displayed in the instrument cluster.
► Press the left thumbwheel to confirm the selection.

WARNING

Your focus should always be on driving your vehicle safely. As the driver, you have complete responsibility for safety in traffic. Only use the functions such as the lap timer in such a way that you always maintain complete control over your vehicle in all traffic situations.

Tips

You can retrieve information from the trip computer while the lap timer stopwatch is running.

Lap times and timing

Applies to: vehicles with lap timer

Requirement: the lap timer must be open ⇨ *page 117*.

Timing laps

► To start timing manually, select **Start lap 1** in the menu.
► To start timing automatically as soon as you begin to drive, select **Drive off to start lap 1** or **Start by driving off** in the menu. ▶

▸ To measure the lap time, select **New lap** in the menu. This starts timing the next lap at the same time.

After completing a lap, the difference between the last lap and the previous best lap time will be indicated with a "–" or "+".

Pausing timing and displaying a split time

▸ To insert a pause ⏸, select **Pause** in the menu.
▸ To resume timing, select **Resume** in the menu.
▸ To display a split time, select **Split time** in the menu. The split time appears for approximately 10 seconds in the instrument cluster. The timing of the current lap continues.

Resetting timing

▸ Using the multifunction steering wheel, select **Reset times** in the menu.

Tips

– A maximum of 99 lap times can be measured.
– If timing is paused, you can continue it later even if you switch the ignition off.
– Saved lap times cannot be individually deleted from the total results.
– The saved lap timer values will remain after switching the ignition off.

Lap statistics

Applies to: vehicles with lap timer

Displaying lap statistics

You can display the number of laps driven, the fastest lap "+", the slowest lap "–", and the average time "Ø" in the instrument cluster.

▸ On the multifunction steering wheel, select the left control button > **Lap statistics** or **Statistics**.
▸ Turn the thumbwheel down or up to display the individual lap times.
▸ To return to the lap timing that was begun, press the left thumbwheel.

Resetting lap statistics

▸ On the multifunction steering wheel, select: the right control button > **Reset statistics**.

Tips

The lap statistics list the lap times for the last 30 laps. The fastest and slowest lap time out of up to 99 measured laps are also displayed.

Predictive efficiency assist

Introduction

The predictive efficiency assist helps the driver to drive with anticipation and therefore helps to save fuel. The system accesses predictive trip data (including speed limits, hills, and the angle of curves) from the navigation system*. Information from the camera-based traffic sign recognition* is also applied to recognize traffic signs ⇨ *page 114*.

The messages displayed depend on the navigation data* being up-to-date and the correct identification by the traffic sign recognition*.

When adaptive cruise control* is switched off, the predictive efficiency assist only provides notifications without controlled interventions. See ⇨ *page 118, Predictive messages (efficiency assist)*.

When adaptive cruise control* is switched on, the system responds to upcoming situations automatically. See ⇨ *page 119, Predictive control (efficiency assist)*.

Predictive messages (efficiency assist)

Applies to: vehicles with predictive efficiency assist

Indicator in the instrument cluster display

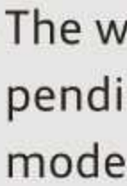
Predictive messages appear in the instrument cluster display to show the driver the appropriate time to coast when a situation ahead requires you to drive at a lower speed.

The messages are only shown if the cruise control system* or adaptive cruise control* is switched off.

An additional indicator appears in the head-up display*. ▶

Symbol	Meaning
	Remove your foot from the accelerator pedal to slow down, because there is a situation ahead that requires a lower speed.

If you see **Driver assistance** in the instrument cluster display, the following symbols will indicate which situation the system is currently reacting to.

Symbol	Meaning
MPH	Speed limit
km/h	Speed limit
	Intersection
	Traffic circle

If there are multiple situations, then a sequence of these situations will appear in the display.

WARNING

Pay attention to traffic and the area around your vehicle when the efficiency assist is switched on. The driver is always responsible for assessing the traffic situation.

Tips

- The wording of the message may vary depending on the selected Audi drive select* mode ⇨ *page 145* and the selected gear. No messages are displayed when in the "S" selector lever position or in **Dynamic** mode.
- When a route is planned using the navigation system*, then system displays messages based on an assumed route. Without route guidance, the system displays messages based on an assumed route.
- There will not be a message for every situation ahead, for example if there is not enough distance remaining to react to the situation.
- No messages are displayed when at speeds under 20 mph (30 km/h).

Predictive control (efficiency assist)

Applies to: vehicles with Audi adaptive cruise control and predictive efficiency assist



Fig. 108 Instrument cluster: predictive control

Description

The predictive control [1)] uses the map information from the navigation system in order to react proactively when driving. Information from the camera-based traffic sign recognition* is also applied to recognize traffic signs ⇨ *page 114*. When coming up to areas with speed limits or changes in the course of the road (such as curves, intersections or traffic circles), the system brakes automatically and then accelerates back up to the set speed.

Overriding control

The driver can override the predictive control at any time by pressing the accelerator or brake pedal. If the system changes the vehicle speed to adapt to speed limits, you can change the speed using the lever ⇨ *page 124, fig. 115*.

Always switch off the predictive control in the following situations:

- When increased attention is needed from the driver
- In poor weather conditions such as snow or heavy rain
- When driving on roads in poor condition

Indicator in the instrument cluster display

When switching on the adaptive cruise control for the first time, a message will appear in the status line to indicate if predictive control is available. ▶

1) This is not available in some countries.

The 50 mph symbol appears when the system is regulating the speed to match a speed limit. If this is the case, the system is regulating a speed of 50 mph (80 km/h). The speed is then taken over by the adaptive cruise control. The speed in the speedometer LED ring adjusts to the speed to be maintained ⇨ *page 123, fig. 114*. The ⇨ *fig. 108* symbol appears when there is an adaptation to the route ahead.

If you are in the **Driver assistance** display in the instrument cluster, then the following symbols will indicate which occurrence the system is currently responding to:

Symbol	Meaning
MPH	Speed limit
km/h	Speed limit
	Curve
	Intersection
	Traffic circle

WARNING

- Read the warnings on ⇨ ⚠ *in General information on page 122* and on ⇨ ⚠ *in Description on page 114*.
- Pay attention to traffic and the area around your vehicle when predictive control is switched on. The driver is always responsible for assessing the traffic situation.
- The system does not consider "right of way" rules and does not respond to traffic lights, so lack of driver attention in these situations can increase the risk of an accident.
- The system only considers traffic signs that give a speed limit.
- The permitted speed can be exceeded if the adaptation to a speed limit is incorrect. The driver is responsible for adhering to the permitted speed.
- The speed when driving through curves may be different from what you as a driver would do. Brake the vehicle yourself when needed to reduce the risk of an accident.

Tips

- If a speed limit is detected, the stored speed is also adjusted in the speedometer LED line when the adaptive cruise control is not active.
- Control by the system depends on the selected Audi drive select* mode.
- Switching off predictive control, for example when driving in low traffic zones, does not cause the adaptive cruise control to switch off.
- After switching on the ignition, the system initially adjusts to a speed of 80 mph (130 km/h) when driving onto highways without a speed limit. Then the system adjusts to the last speed stored by the driver.
- There is no adaptation to speed limits when driving through highway interchanges and when driving on or off the expressway.
- There is no predictive control at speed limits under 20 mph (30 km/h).
- If a speed limit is only detected by the camera and the actual speed is significantly higher, then the speed limit will blink in the display until you have reached the required speed ⇨ *page 115*.
- Incorrect values from the camera-based traffic sign recognition* or outdated navigation system map data can lead to incorrect or implausible control.
- When route guidance is switched on, the system adapts to the route provided by the navigation system. Driving without route guidance or leaving a route can result in faulty control.
- The system switches off when outside of a road system that is recorded in the navigation system map data.

Settings in the Infotainment system

Applies to: vehicles with predictive efficiency assist

Predictive messages*

▸ In the Infotainment system, select: MENU button > **Vehicle** > left control button > **Driver assistance** > **Efficiency assist**. ▶

Predictive messages are shown when this function is switched on.

Predictive control*

▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Audi adaptive cruise control** > **Predictive control**.

Set speed limit - When this function is switched on, the system adjusts to the speed limits. This can also be done with at tolerance, if desired. In this scenario, you may fall below or exceed the set speed in favor of increased efficiency.

Adaptation to route ahead - When this function is switched on, the system adapts to the route ahead, such as reducing the speed when driving around curves.

Tips

No predictive messages are shown in vehicles without a navigation system.

Audi adaptive cruise control

Description

Applies to: vehicles with Audi adaptive cruise control

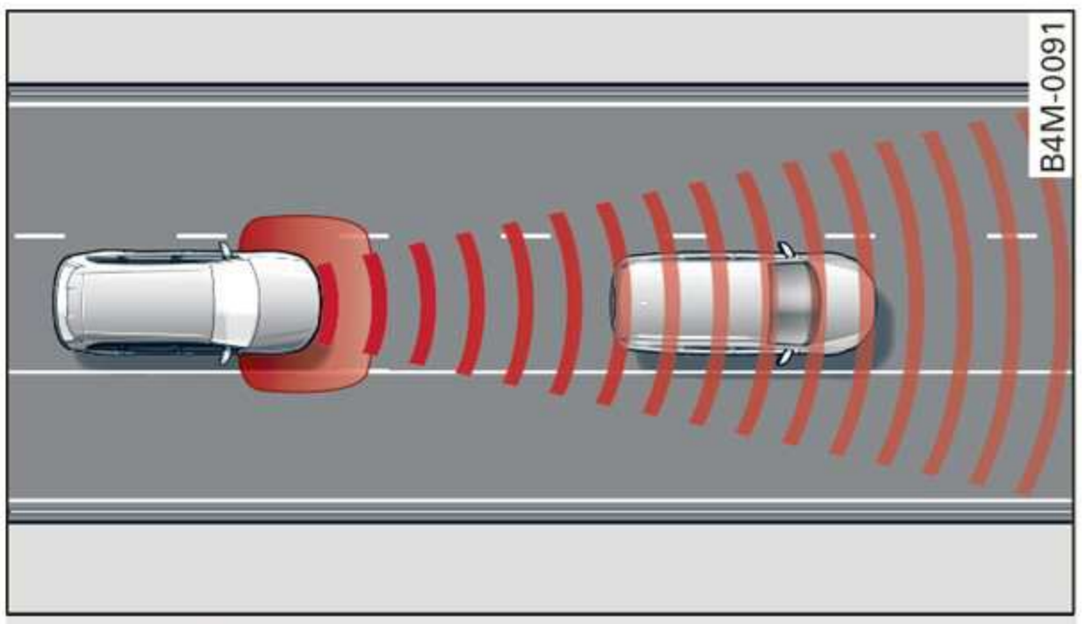


Fig. 109 Detection range

The adaptive cruise control system is a combination of speed and distance regulation. It assists the driver by both regulating the speed and maintaining a distance to the vehicle driving ahead, within the limits of the system. If the system detects a vehicle driving ahead, the adaptive cruise control can brake and accelerate your vehicle. This makes driving more comfortable both on long stretches of highway and in stop-and-go traffic.

What can adaptive cruise control do?

The adaptive cruise control system uses video, radar, ultrasound and navigation data. Vehicles driving ahead can be recognized up to 650 ft (200 m) away.

Predictive functions offer the driver additional comfort and contribute to the reduction in fuel consumption and CO_2 emissions ⇨ *page 119*.

On open roads with no traffic, it functions like a cruise control system. The stored speed is maintained. When approaching a vehicle driving ahead, the adaptive cruise control system automatically brakes to match that vehicle's speed and then maintains the set distance. As soon as the system does not detect a vehicle driving ahead, adaptive cruise control accelerates up to the stored speed.

In stop-and-go traffic, adaptive cruise control can brake until the vehicle is stationary and then can also start driving again automatically under certain conditions ⇨ *page 125*.

Applies to: vehicles with traffic jam assist

In traffic jams or stop-and-go traffic, traffic jam assist can assist the driver ⇨ *page 128*.

Which functions can be controlled?

When you switch adaptive cruise control on, you can set the current speed as the “control speed” ⇨ *page 123, Switching on and off*.

When driving, you can stop cruise control ⇨ *page 126* or change the speed ⇨ *page 124* at any time.

You can also set the distance to the vehicle driving ahead and set the driving mode of the adaptive cruise control ⇨ *page 125*.

General information

Applies to: vehicles with Audi adaptive cruise control



Fig. 110 Front of the vehicle: sensors and video camera

The areas with the radar and ultrasonic sensors and the video camera ⇨ *fig. 110* must not be covered by stickers, deposits or any other objects, because this can interfere with the adaptive cruise control function. For information on cleaning, see ⇨ *page 361*. The same applies for any modifications made in the front area.

In some driving situations, the adaptive cruise control function is restricted:

– Vehicles can only be detected when they are within the sensor detection zones ⇨ *page 121, fig. 109*.
– The system has a limited ability to detect vehicles that are a short distance ahead, off to the side of your vehicle or moving into your lane.
– Objects that are difficult to detect such as motorcycles, vehicles with high ground clearance or an overhanging load are detected late or not detected at all.
– When driving through curves ⇨ *page 123*.
– When the vehicle is stationary ⇨ *page 123*.

WARNING

Always pay attention to the traffic around you when adaptive cruise control is switched on. As the driver, you are still responsible for your own speed and the distance to other vehicles. The adaptive cruise control is used to assist you. The driver must always take action to avoid a collision. The driver is always responsible for braking at the correct time.

– For safety reasons, do not use adaptive cruise control when the road surface is in poor condition and/or in bad weather conditions (such as ice, fog, gravel, heavy rain and hydroplaning). Using the system under these conditions increases the risk of an accident.
– Switch adaptive cruise control off temporarily when driving in turning lanes, on expressway exits (except if predictive control is switched on) or in construction zones. This prevents the vehicle from accelerating to the stored speed when in these situations.
– The adaptive cruise control system will not brake by itself if you put your foot on the accelerator pedal. Doing so can override the speed and distance regulation.
– When approaching stationary obstacles such as stopped traffic, adaptive cruise control will respond with limited function.
– Adaptive cruise control does not respond to people, animals, or crossing or oncoming objects.
– The function of the radar sensors can be affected by reflective objects such as guard rails, the entrance to a tunnel, heavy rain or ice.

Note

The sensors can be displaced by impacts or damage to the bumper, wheel housing and underbody. This can impair the adaptive cruise control. Have an authorized Audi dealer or authorized Audi Service Facility check their function.

Tips

For an explanation on conformity with the FCC regulations in the United States and the Industry Canada regulations, see ⇨ *page 390*.

In curves

Applies to: vehicles with Audi adaptive cruise control

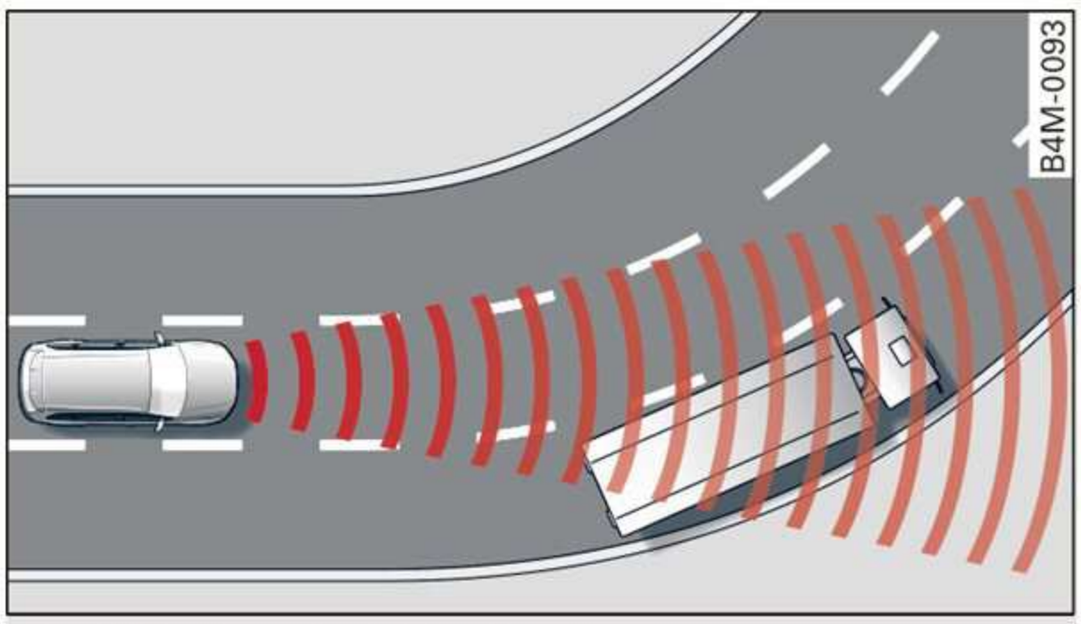


Fig. 111 Example: driving into a curve

When driving into a curve ⇨ *fig. 111* and out of a curve, the adaptive cruise control may react to a vehicle in the neighboring lane and apply the brakes. You can prevent that by pressing the accelerator pedal briefly.

Stationary vehicles

Applies to: vehicles with Audi adaptive cruise control

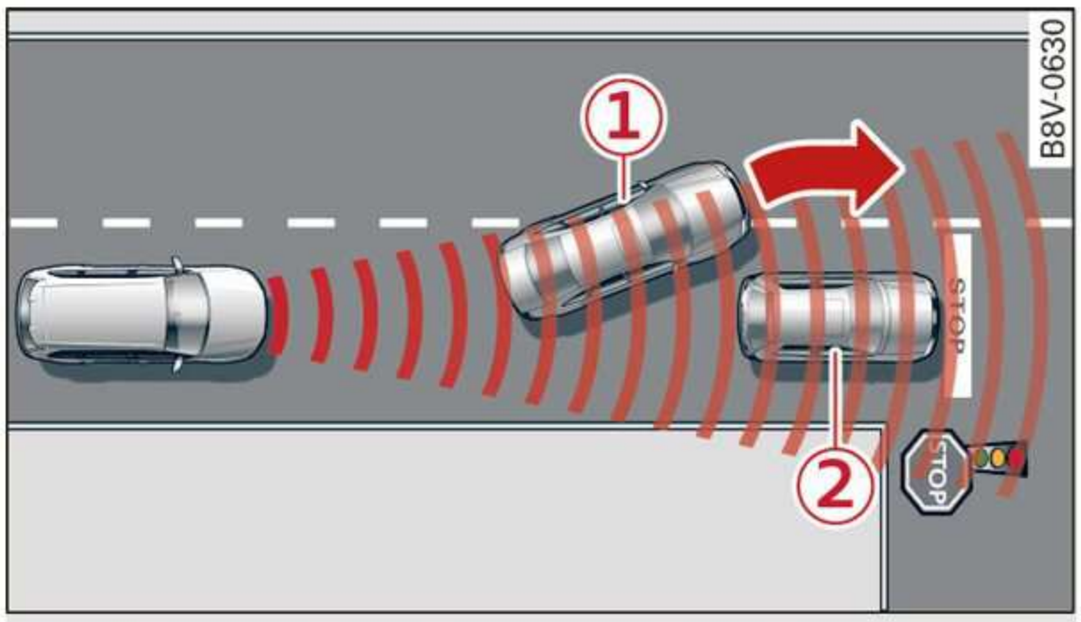


Fig. 112 Example: vehicle changing lanes and stationary vehicle

Within the limits of the system, adaptive cruise control can react to stationary vehicles ⇨ *fig. 112*, as long as you are driving slower than 30 mph (50 km/h) and the system classifies the possible passing maneuver as low. For example, if a vehicle that was already detected (1) turns or changes lanes, the adaptive cruise control reacts to the stationary vehicle ahead of it (2).

Switching on and off

Applies to: vehicles with Audi adaptive cruise control



Fig. 113 Operating lever: switching on and off



Fig. 114 Instrument cluster: adaptive cruise control

You can set any speed between 20 mph and 95 mph (30 km/h and 150 km/h).

Indicator lights and messages in the instrument cluster display inform you about the current situation and setting.

An additional indicator appears in the head-up display*.

Switching adaptive cruise control on

- ▸ Pull the lever toward you into position (1) ⇨ *fig. 113*.

Storing the speed and activating regulation

- ▸ To store the current speed, press the SET button ⇨ *fig. 113*. The stored speed is shown in the speedometer in the LED line (A) and appears briefly in the status line (D) ⇨ *fig. 114*.
- ▸ To activate control when stationary, the brake pedal must also be pressed. ▶

Switching adaptive cruise control off

▸ Push the lever away from you into position ⓪ until it clicks into place. The message **ACC: off** appears.

Ⓑ Indicator lights

- Adaptive cruise control is switched on. No vehicles are detected ahead. The stored speed is maintained.

- A vehicle driving ahead was detected. The adaptive cruise control system regulates the speed and distance to the vehicle driving ahead and accelerates and brakes automatically.

- Adaptive cruise control is switched on. A vehicle was detected ahead. Your vehicle is stationary and will not start driving automatically.

- Adaptive cruise control is switched on. No vehicles were detected ahead. Your vehicle is stationary and will not start driving automatically.

- The automatic braking is not enough to maintain a sufficient distance to a vehicle driving ahead. You must intervene ⇨ *page 127, Driver intervention request*.

Ⓒ Instrument cluster display

If the **Driver assistance** display is not shown in the instrument cluster display, you can open it using the multifunction steering wheel buttons ⇨ *page 17*.

Based on the graphic display, you can determine if the system is maintaining a distance to the vehicle driving ahead and what that distance is.

No vehicle - No vehicle was detected driving ahead.

Silver vehicle - A vehicle was detected driving ahead.

Red vehicle - Request for driver intervention ⇨ *page 127*.

The five **distance bars** on the **gauge** Ⓒ represent the set distance (see ⇨ *page 125* for information on how to change the distance). If you fall below the selected distance, the distance bars become red from the bottom upward.

WARNING

If you press the SET button when driving at speeds below 20 mph (30 km/h), the vehicle accelerates automatically up to 20 mph (30 km/h), which is the minimum speed that can be set.

Tips

– If you switch the ignition or the adaptive cruise control system off, the set speed is erased for safety reasons.
– The Electronic Stabilization Control (ESC) and the Anti-Slip-Regulation (ASR) are automatically switched on when the adaptive cruise control is switched on.

Changing the speed

Applies to: vehicles with Audi adaptive cruise control



Fig. 115 Operating lever: changing the speed

▸ To increase or decrease the speed in smaller increments, tap the lever toward ⊕ or ⊖ ⇨ *fig. 115* to the first level.
▸ To increase or decrease the speed in larger increments, briefly tap the lever toward ⊕ or ⊖ to the second level.
▸ To increase or decrease the speed continuously, hold the lever toward ⊕/⊖ to the first or second level until the marking Ⓐ reaches the desired speed ⇨ *page 123, fig. 114*.

Preselecting a speed

You can also preselect the speed when adaptive cruise control is not active by moving the lever in the desired direction ⊕/⊖. Activate the previously selected speed by pulling the lever into position ② ⇨ *page 126, fig. 118*.

Setting the distance

Applies to: vehicles with Audi adaptive cruise control

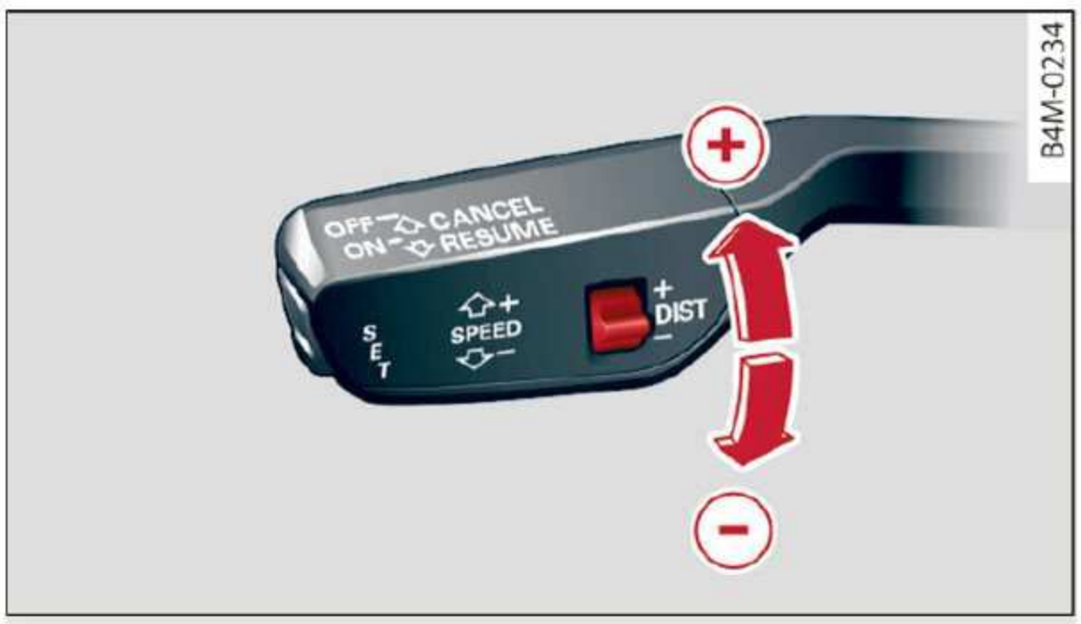


Fig. 116 Operating lever: setting the distance

- ▸ Tap the rocker switch to display the distance that is currently set.
- ▸ To increase or decrease the distance in increments, tap the switch again toward ⊕ or ⊖. The distance between the two vehicles will change in the instrument cluster display.

When approaching a vehicle driving ahead, the adaptive cruise control system brakes to match that vehicle's speed and then adjusts to the set distance. If the vehicle driving ahead accelerates, then the adaptive cruise control will also accelerate up to the speed that you have set.

The higher the speed, the greater the distance ⇨ ⚠. The **Distance 3** setting is recommended. That is equal to the general recommendation of "half the speed shown on the speedometer".

The distances provided are specified values. Depending on the driving situation and how the vehicle ahead is driving, the actual distance may be more or less than these target distances.

If you change the time gaps, the value you have just set appears briefly in the instrument cluster display, for example for **Distance 3**. This only occurs if the **Driver assistance** display is not currently shown in the display ⇨ *page 123, fig. 114*.

Distance 1: this setting corresponds to a distance of 92 ft (28 m) when traveling at 62 mph (100 km/h), or a time distance of 1 second.

Distance 2: this setting corresponds to a distance of 118 ft (36 m) when traveling at 62 mph (100 km/h), or a time distance of 1.3 seconds.

Distance 3: this setting corresponds to a distance of 164 ft (50 m) when traveling at 62 mph (100 km/h), or a time distance of 1.8 seconds.

Distance 4: this setting corresponds to a distance of 219 ft (67 m) when traveling at 62 mph (100 km/h), or a time distance of 2.4 seconds.

Distance 5: this setting corresponds to a distance of 328 ft (100 m) when traveling at 62 mph (100 km/h), or a time distance of 3.6 seconds.

WARNING

When setting the distance, the driver is responsible for adhering to any applicable legal regulations.

Tips

Depending on the selected driving program and distance, driving behavior when accelerating will vary from dynamic to comfortable ⇨ *page 127*.

Driving in stop-and-go traffic

Applies to: vehicles with Audi adaptive cruise control



Fig. 117 Instrument cluster: safe start monitor

The adaptive cruise control system also assists you in stop-and-go traffic. If a vehicle driving ahead stops, your vehicle will brake and stay at a stop within the limits of the system. ▶

Starting to drive with adaptive cruise control[1)]

As long as the message **ACC: automatic go** is displayed, your vehicle will begin driving when the vehicle driving ahead starts to move ⇨ ⚠.

If you are stopped for several seconds, your vehicle will no longer drive autonomously for safety reasons, and the message will turn off.

- ▸ To reactivate **ACC: automatic go** temporarily, pull the lever to position ② ⇨ *page 126, fig. 118*.
- ▸ To resume manual control of the vehicle, tap the accelerator pedal.

Safe start monitor

If an obstacle is detected when you start driving, you will be alerted to the danger by the indicator light and the image in the instrument cluster display ⇨ *fig. 117* ⇨ ⚠. An audio signal will also sound. Your vehicle will drive more slowly when starting. This may also occur in some situations when there is no apparent obstacle.

– Press the brake pedal to slow your vehicle down.

WARNING

If the message **ACC: automatic go**[1)] appears, your vehicle will start driving even if there is an obstacle between your vehicle and the vehicle driving ahead. This increases the risk of an accident.

Tips

– For safety reasons, your vehicle will only start to drive automatically if:
– The driver's safety belt is fastened
– All doors and the hood are closed
– Your vehicle is not stopped for a long period of time

Interrupting cruise control

Applies to: vehicles with Audi adaptive cruise control



Fig. 118 Selector lever

Requirement: adaptive cruise control must be switched on.

Overriding cruise control

- ▸ To accelerate manually, pull the lever toward you into position ② and hold it there or press the accelerator pedal. The message **ACC: override** appears.
- ▸ To resume cruise control, release the lever or take your foot off the accelerator pedal.

Canceling cruise control while driving

- ▸ Move the lever into position ③. The message **ACC: standby** appears. Or
- ▸ Press the brake pedal.
- ▸ To resume the stored speed, move the lever toward you into position ②.

Canceling cruise control when stopped

- ▸ Push the lever away from you into position ③. The message **ACC: standby** appears.
- ▸ To resume cruise control, press the brake pedal and pull the lever toward you into position ②.

WARNING

– It is dangerous to activate cruise control and resume the stored speed when the current road, traffic or weather conditions do not permit this. This increases the risk of an accident.

1) This is not available in some countries.

– Resting your foot on the accelerator pedal could override the cruise control. Braking interventions and corrective actions by the system may not occur.

Setting Audi adaptive cruise control

Applies to: vehicles with Audi adaptive cruise control

▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Audi adaptive cruise control**.

Storing the last distance[1)]

The last distance that was set will be stored after the ignition is switched off. If the distance is not stored, **Distance 3** is automatically set every time the ignition is switched on.

Driving program

Applies to: vehicles without Audi drive select

Depending on the selected driving program and distance, driving behavior when accelerating will vary from dynamic to comfortable.

Selecting the driving mode

Applies to: vehicles with Audi drive select

Depending on the selected Audi drive select mode and the distance that is set, the driving behavior will vary from dynamic to comfortable when accelerating ⇨ *page 147*.

Tips

Your settings are automatically stored and assigned to the vehicle key being used.

Driver intervention request

Applies to: vehicles with Audi adaptive cruise control



Fig. 119 Instrument cluster: request for driver intervention

The request for driver intervention instructs you to take over if the adaptive cruise control braking function is not able to maintain a sufficient distance to the vehicle driving ahead ⇨ *fig. 119*.

1) This is not available in some countries and on some equipment versions.

Traffic jam assist

Applies to: vehicles with traffic jam assist

Traffic jam assist supports the driver when driving in traffic jams or in heavy traffic.



Fig. 120 Turn signal lever: traffic jam assist button (example)



Fig. 121 Instrument cluster: traffic jam assist

In a speed range under 40 mph (65 km/h), traffic jam assist can help to keep the vehicle within a lane calculated by the system. Within the limits of the system, the system controls the steering automatically when adaptive cruise control is switched on. Since traffic jam assist is only an assist system, the driver must always keep his or her hands on the steering wheel and be ready to steer. The driver can override the control at any time by actively steering.

The system is designed for driving on expressways and highways.

Switching traffic jam assist on and off

- ▸ Press the button to switch the system on and off ⇨ *fig. 120*.
- ▸ To turn the system off completely, select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Traffic jam assist**.

If traffic jam assist was deactivated through the Infotainment system, you can continue operating the active lane assist using the ⇨ *fig. 120* button ⇨ *page 137*. The traffic jam assist functions are no longer available.

Requirements for using traffic jam assist:

– Traffic jam assist must be switched on in the Infotainment system.
– Adaptive cruise control must be switched on and active ⇨ *page 123*.

Always switch off traffic jam assist in the following situations:

– When increased attention is needed from the driver
– In poor weather conditions such as snow or heavy rain
– When driving on roads in poor condition
– In construction zones
– In city driving

Traffic jam assist availability:

If you are in the **Driver assistance** display in the instrument cluster, the indicator light and the message **Traffic jam assist available** appears if traffic congestion is detected. You can open the **Driver assistance** display using the multifunction steering wheel buttons ⇨ *page 17*. To activate traffic jam assist, you must press the ⇨ *fig. 120* button and switch on the adaptive cruise control ⇨ *page 123*.

Indicator lights

and - Traffic jam assist is switched on. Vehicles driving ahead were detected. Your vehicle adapts while driving ⇨ *fig. 121*.

- Traffic jam assist switches off if the driver does not take over steering after multiple driver intervention requests. The system brakes the vehicle until it is stationary.

WARNING

Always keep your hands on the steering wheel so you can be ready to steer at any time. The driver is always responsible for staying in a lane and for assessing traffic situations. Read and follow the warnings on ⇨ ⚠ *in General* ▶

information on page 122. Never use traffic jam assist in the following situations or you will increase the risk of an accident:

– Driving offroad or on unpaved roads. Traffic jam assist is only designed for use on paved roads.
– In city driving or in construction zones
– On stretches of road with curves
– In narrow lanes
– In unclear traffic situations such as at intersections or toll stations

Tips

You are not necessarily guided to the center of your lane.

Distance display and distance warning

Applies to: vehicles with Audi adaptive cruise control

This function measures the time between the vehicle driving ahead and shows this in the instrument cluster display.



Fig. 122 Instrument cluster: distance indicator/warning

Description

At speeds above approximately 40 mph (65 km/h), this function measures the distance to the vehicle ahead as time.

► Switch the adaptive cruise control display on in the instrument cluster display ⇨ *page 17*.

The indicator light turns on if you fall below the set distance.

Setting the warning threshold

You can set, change or delete the warning threshold in the Infotainment system.

► In the Infotainment system, select: MENU button > **Vehicle** > left control button > **Driver assistance** > **Distance warning**.

WARNING

– Read and follow the warnings on ⇨ ⚠ *in General information on page 122*.
– The driver is always responsible for adhering to the regulations applicable in the country where the vehicle is being operated.

Tips

You may fall below he warning threshold briefly when passing or when quickly approaching a slow vehicle. There is no warning in this scenario. A warning is given only if you fall below the warning threshold for an extended period of time.

Messages

Applies to: vehicles with Audi adaptive cruise control

ACC with traffic jam assist: unavailable. See owner's manual

The system cannot guarantee that it will detect vehicles correctly and it has switched off. The radar sensors have shifted or are faulty. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

ACC with traffic jam assist: currently unavailable. See owner's manual

This message appears if the adaptive cruise control cannot be activated, for example if the hood is open.

ACC w. traffic jam assist: currently unavailable. Sensor vision restricted due to surroundings. See owner's manual

This message appears if the radar sensor view is obstructed, for example by leaves, snow, heavy spray or dirt. Clean the sensors ⇨ *page 122, fig. 110*.

ACC with traffic jam assist: currently unavailable. Grade too steep ▶

The road exceeds the maximum possible grade for safe operation. The systems cannot be switched on.

ACC with traffic jam assist: only available in D, S or M

Select the "D/S" or "M" selector lever position.

ACC with traffic jam assist: currently unavailable. Parking brake applied

The systems switch off if you set the parking brake. The systems are available again after you release the parking brake.

ACC with traffic jam assist: currently unavailable. Stabilization control (ESC) input

This message appears if the Electronic Stabilization Control (ESC) is taking action to stabilize the vehicle. The systems switch off in this scenario.

ACC with traffic jam assist: manual control!

This message appears if the vehicle rolls back when starting on a slight incline, even though the systems are active. Press the brake pedal to prevent the vehicle from rolling or starting to move.

ACC with traffic jam assist: currently unavailable. Downhill assist activated

You cannot activate the system when hill hold assist is active.

ACC with traffic jam assist: currently unavailable. Park assist activated

The systems switch off when Park assist* is active. The systems are available again after completing the parking process.

ACC with traffic jam assist: manual control!

This message appears if the driver does not take over steering after multiple driver intervention requests and the system switches off. The vehicle brakes until it is stationary.

Traffic jam assist: unavailable. See owner's manual

The system can no longer ensure that the vehicle will stay in the lane and switches off. Have your vehicle checked by an authorized Audi dealer or authorized Audi Service Facility if the malfunction is continuous.

Traffic jam assist: Please take over steering!

This message appears as soon as the system stops detecting steering activity when the system limits are reached. Always keep your hands on the steering wheel so you can be ready to steer at any time.

Traffic jam assist: currently unavailable. Please fasten seat belt

The system switches off when the driver's safety belt is unfastened.

ACC: efficiency assist not available in this country

The adaptation to speed limits and routes ahead is not available in this country.

ACC: predictive control currently unavailable. See owner's manual

The adaptation to speed limits and routes ahead switches off at speed limits under 20 mph (30 km/h).

The message can also appear if the adaptation to speed limits and routes ahead has a temporary failure. Have your vehicle checked by an authorized Audi dealer or authorized Audi Service Facility if the malfunction is continuous.

Distance warning: malfunction! Please contact Service

The system cannot guarantee that it will detect vehicles correctly and it has switched off. The radar sensors have shifted or are faulty. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Distance warning: currently unavailable. Sensor view restricted due to surroundings. See owner's manual

This message appears if the radar sensor view is obstructed, for example by leaves, snow, heavy spray or dirt. Clean the sensors ⇨ *page 122, fig. 110*.

Distance warning: currently unavailable. See owner's manual

This message appears if the system has a temporary failure. If this occurs multiple times, drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

ACC: Please fasten seat belt

The system is not completely available if the driver's seat belt is unfastened.

Stationary object ahead

This message appears if you would like to switch the system on and there is a stationary object directly in front of your vehicle.

Door open

The system is not available when the door is open.

Audi pre sense

Introduction

Applies to: vehicles with Audi pre sense

Within the limits of the system, the pre sense functions can initiate measures in particularly dangerous situations to protect the vehicle passengers and other road users.

– Due to the interlinking of various vehicle systems, critical driving situations can be detected by **pre sense basic** and measures for preventative occupant protection are can be initiated.
– The **pre sense front** system uses the data from the adaptive cruise control* radar sensors and the camera to calculate the probability of a collision. Within the limits of the system, an impending collision with vehicles can be detected in both urban and rural speed ranges. In this case, the system warns the driver visually, acoustically and with a jerk on the brakes if necessary. If needed, it can initiate a partial or full deceleration to reduce the collision speed or to avoid the collision under certain circumstances. In conjunction with pre sense basic/rear, the front safety belts are also reversibly tensioned when needed. The pre sense front is also active when adaptive cruise control* is switched off.
– **Pre sense rear** contains pre sense basic functions. It uses the data from the side assist* radar sensors and calculates within the limits of the system the probability of a rear end collision with the vehicle behind you. Pre sense rear is also active when side assist* is switched off.
– Within the limits of the system, **pre sense city** uses the camera data and can detect an impending collision with vehicles and pedestrians. In this case, the system warns the driver visually, acoustically and with a jerk on the brakes if necessary. If needed, it can initiate a full deceleration to reduce the collision speed or to avoid the collision under certain circumstances. In conjunction with pre sense basic/rear, the front safety belts are also reversibly tensioned when needed.

WARNING

Read the general information in ⇨ ⚠ *in General information on page 122*, ⇨ ⚠ *in General information on page 141*.

Tips

– Certain pre sense functions switch off when driving in reverse.
– The pre sense functions may not be available if there is a malfunction in the ESC system or the airbag control module.
– Note that the reversible belt tensioner on the front passenger's side deactivates when the front passenger's airbag is deactivated.
– Switch the pre sense off when you are not using public streets or when loading the vehicle onto a vehicle carrier, train, ship, or other type of transportation. This can prevent an undesired intervention from the pre sense system.

Audi pre sense basic

Applies to: vehicles with Audi pre sense basic

The pre sense basic functions are activated at a speed of approximately 20 mph (30 km/h) or higher. ▶

The following functions can be triggered under certain conditions within the limits of the system:

– Tensioning of the safety belts (for example, during heavy braking): the front safety belts have reversible belt tensioners. If a collision does not occur, the safety belts loosen slightly and are ready to trigger again.
– Closing the windows and sunroof*
– Activation of the emergency flashers[1)]

The message **Audi pre sense** ⇨ *page 132, fig. 123* will warn you about the danger.

Audi drive select*: the trigger times are adjusted depending on the mode selected.

Audi pre sense front

Applies to: vehicles with Audi pre sense front

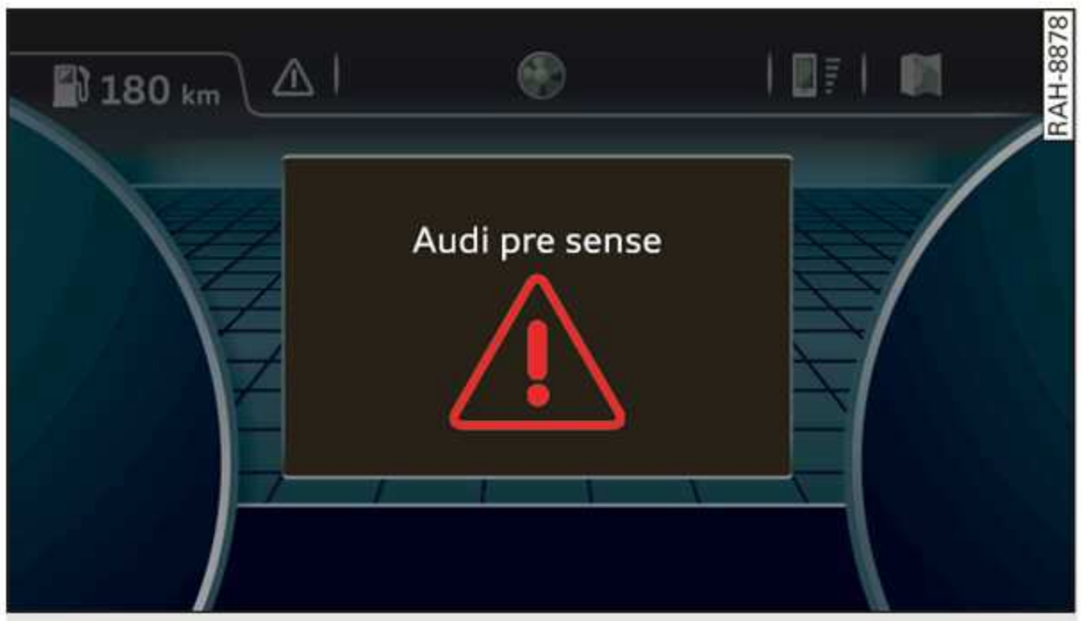


Fig. 123 Instrument cluster: approach warning

Description

Within the limits of the system, pre sense front can warn you of impending collisions and initiate the corresponding braking maneuvers or the supporting measures when avoiding a collision.

If detected in time, the system can rank the dangerous situation as critical if a vehicle driving ahead brakes suddenly, if your own vehicle is approaching a significantly slower vehicle at high speed or when there is an oncoming vehicle during a turning maneuver.

If detection is not possible, then pre sense front does not react.

Warnings

The system recognizes various dangerous situations. The **early warning** occurs if:

– A vehicle driving ahead brakes suddenly
– Your own vehicle approaches a significantly slower vehicle or stationary vehicle in the direction of travel

When this warning occurs, it may only be possible to avoid a collision by swerving or braking strongly. The message **Audi pre sense** ⇨ *fig. 123* and a warning tone will warn you about the danger.

If you do not react enough or not at all to a dangerous situation that was detected by the system, pre sense front provides assistance by applying the brakes.

If a collision is imminent, the system will first provide an **acute warning** by braking sharply. You will also warned by an indicator in the instrument cluster display ⇨ *fig. 123*. If you do not react to the acute warning, pre sense front can brake with increasing force within the limits of the system [1)]. This reduces the vehicle speed in the event of a collision. At low vehicle speeds, pre sense front can initiate a complete deceleration shortly before a collision with a vehicle driving ahead [1)]. If pre sense front determines that you are not braking strongly enough when a collision is imminent, it can increase the braking force.

The following functions trigger in conjunction with pre sense basic/rear at corresponding vehicle speeds:

– Reversible tensioning of the front safety belts
– Closing the windows and sunroof*

Audi drive select*: depending on the selected mode, the reversible belt tensioner and the closing of the windows and sunroof* are not active.

Swerve assist

Swerve assist helps you to steer the vehicle around an obstacle in a critical situation. If you avoid an obstacle after the acute warning, then the swerve assist assists you by applying slight ▶

1) This is not available in some countries.

steering adjustment to correct your steering wheel angle as long as you are actively steering. Swerve assist is available at speeds between approximately 20 mph (30 km/h) and 90 mph (150 km/h).

Turn assist

When starting to drive and up to speeds of maximum 6 mph (10 km/h), the turn assist uses a braking intervention to prevent your vehicle from colliding with an oncoming vehicle when turning left or right (available in certain countries). The braking intervention causes your vehicle to stay in its lane.

WARNING

- Pre sense front cannot overcome the laws of physics. It is a system designed to assist and it cannot prevent a collision in every circumstance. The driver must always intervene. The driver is always responsible for braking at the correct time. Do not let the increased safety provided tempt you into taking risks. This could increase your risk of a collision.
- The system can deploy incorrectly due to system-specific limits.
- Please note that the sensors and the camera do not always detect all objects or lane markings. This increases the risk of an accident.
- Pre sense front does not react to people, animals or objects that are crossing the vehicle's path or that are difficult to detect ⇨ ⚠ *in General information on page 122*.
- Reflective objects such as guard rails or the entrance to a tunnel, heavy rain and ice can affect the function of the radar sensors and the system's ability to detect a collision risk.

Note

The sensors can be displaced by impacts or damage to the bumper, wheel housing and underbody. Pre sense front can be impaired by this. Have an authorized Audi dealer or authorized Audi Service Facility check their function.

Tips

- You can cancel the braking with increasing force that is initiated by the system by braking yourself, by accelerating noticeably or by swerving.
- Keep in mind that pre sense front can brake unexpectedly. Always secure any cargo or objects that you are transporting to reduce the risk of damage or injury.
- Specific pre sense front functions switch off when the ESC is restricted or switched off ⇨ *page 165* or the hill hold assist is switched on ⇨ *page 92*.

Audi pre sense rear

Applies to: vehicles with Audi side assist

If the risk of a collision with a vehicle ahead is detected, the following functions can be triggered:

- Reversible tensioning of the front safety belts at the corresponding speeds.
- Closing the windows and sunroof*
- Activating the emergency flashers and making them flash more quickly [1)]

The message **Audi pre sense** ⚠ ⇨ *page 132, fig. 123* will warn you about the danger.

Audi drive select*: the function is not active depending on the mode selected.

WARNING

- To reduce the risk of an accident, please note that the side assist* radar sensors do not always detect every object.
- Pre sense rear does not react to people, animals or objects that are crossing the vehicle's path or that are difficult to detect.
- Reflective objects such as guard rails, heavy rain and ice can impair the function of the radar sensors and the ability to detect a collision risk.

Note

The radar sensors can be displaced by impacts or damage to the bumper, wheel housing and ▶

1) This is not available in some countries.

underbody. Pre sense rear can be impaired by this. Have an authorized Audi dealer or authorized Audi Service Facility check their function.

Tips

– The pre sense rear functions switch off when towing a trailer.
– The pre sense rear functions may also switch off if there is a malfunction in the side assist* system.

Audi pre sense city

Applies to: vehicles with Audi pre sense city

Description

Within the limits of the system, pre sense city can warn you of impending collisions with vehicles and pedestrians and initiate the applicable braking maneuver if needed. Pre sense city is active at speeds of approximately 6 mph (10 km/h) and higher.

A pedestrian warning can occur at speeds up to 50 mph (85 km/h), and vehicle warnings can occur at speeds up to 155 mph (250 km/h). A pre sense city braking maneuver is possible at speeds up to 50 mph (85 km/h).

Warnings

The system recognizes various dangerous situations. The **early warning** occurs if:

– A vehicle driving ahead brakes suddenly
– Your own vehicle approaches a vehicle in front of you that is traveling at a significantly slower speed or that is stationary
– A pedestrian is standing in the lane or is moving into the lane

When this warning occurs, it may only be possible to avoid a collision by swerving or braking strongly. The message **Audi pre sense** ⚠ ⇨ *page 132, fig. 123* and a warning tone will warn you about the danger.

The brakes may also be applied as an **acute warning** when there is an impending collision. If you do not react to the acute warning, pre sense city can brake to the point of complete deceleration within the limits of the system. This reduces the vehicle speed in the event of a collision. The message **Audi pre sense** ⚠ also appears.

The following functions are triggered in conjunction with pre sense basic/rear:

– Reversible tensioning of the front safety belts
– Closing the windows and sunroof*

Audi drive select*: the function is not active depending on the mode selected.

WARNING

– Pre sense city cannot overcome the laws of physics. It is a system designed to assist and it cannot prevent a collision in every circumstance. The driver must always intervene. The driver is always responsible for braking at the correct time. Do not let the increased safety provided tempt you into taking risks. This could increase your risk of a collision.
– The system can deploy incorrectly due to system-specific limits.
– To reduce the risk of an accident, please note that the camera does not always detect every object.
– Pre sense city does not react to animals, crossing or oncoming vehicles, objects such as bars, railings or railcars, and objects that are difficult to detect ⇨ ⚠ *in General information on page 122*.
– In trailer mode, the braking behavior of the trailer can be different than usual during automatic braking.

WARNING

Pre sense city may be restricted or unavailable in the following types of situations:

– In heavy fog, rain, spray, or snow
– When there are visual obstructions, such as glare, reflections or variations in light
– When it is dark
– If the camera window or the windshield is dirty, iced over, damaged or covered
– When driving on snow, ice or loose ground
– In curves
– If the ESC was restricted or switched off
– When towing a trailer ▶

– When the driver's seat belt is unfastened
– For several seconds after the ignition is switched on

Note

Impacts or damage to the camera mount on the windshield can displace the sensor. Pre sense city can be impaired by this. Have an authorized Audi dealer or authorized Audi Service Facility check their function.

Tips

– You can cancel the system braking intervention if you accelerate considerably or swerve away.
– Keep in mind that pre sense city can brake unexpectedly. Always secure any cargo or objects that you are transporting to reduce the risk of damage or injury.
– Specific pre sense city functions switch off when the ESC is limited or switched off ⇨ *page 165* or the hill descent assist is switched on ⇨ *page 92*.
– When there is a malfunction in the camera, the pre sense city functions also switch off.

Settings in the Infotainment system

Applies to: vehicles with Audi pre sense

▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Audi pre sense**.

Turn on/off Audi pre sense - The pre sense functions can be turned on and off.

If the system is switched off, it switches on again automatically once the ignition is switched on again.

Prewarning - The early warning can be switched **off** or the pre sense city/front warning point can be set (**Early**/**Medium**/**Late**).

Set the warning time for the early warning to **Early** at first. If this causes undesired early warnings to appear, then set the warning time to **Medium**. The **Late** warning time should only be set in special circumstances.

Tips

Your settings are automatically stored and assigned to the vehicle key being used.

Messages

Applies to: vehicles with Audi pre sense

Audi pre sense: malfunction! Please contact Service

This message appears when the pre sense function is affected. For example, this could be caused by a faulty sensor. Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Audi pre sense: currently limited. Sensor view limited due to surroundings. See owner's manual

This message appears if the radar sensor and camera view is obstructed, for example by leaves, snow, heavy spray or dirt. If necessary, clean the sensors and the area around the camera ⇨ *page 122, fig. 110* or ⇨ *page 141, fig. 131*.

Audi pre sense: currently limited. Trailer towing mode

For vehicles with a trailer hitch installed at the factory, the pre sense rear functions switch off when the electrical connector at the socket is plugged in. There is no guarantee the functions will switch off when using a retrofitted trailer hitch.

Audi pre sense: currently limited

This message appears if the ESC is restricted or switched off, for example.

Audi pre sense: currently limited. See owner's manual

This message appears when there is a temporary failure in a subsystem, such as the ESC. If this message appears repeatedly, drive to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction corrected.

Audi pre sense: emergency braking system off

This message appears if the pre sense functions are switched off through the Infotainment system or if the system is not ready.

Audi active lane assist

Description

Applies to: vehicles with Audi active lane assist

Active lane assist (lane departure warning) detects lane marker lines within the limits of the system using a camera in the windshield. If you are approaching a detected lane marker line and it appears likely that you will leave the lane, the system will warn you with corrective steering. You can override this steering at any time. If you pass over a line, the steering wheel will vibrate lightly. In order for this warning vibration to occur, it must first be switched on in the Infotainment system. Active lane assist is ready for operation when the lane marker line is detected on at least one side of the vehicle.

The system is designed for driving on expressways and highways and therefore only activates at speeds above approximately 40 mph (65 km/h).

Applies to: vehicles with side assist: If you activate a turn signal when active lane assist is ready and it classifies a lane change as critical because of vehicles traveling alongside you or approaching you, there will be noticeable corrective steering shortly before you leave the lane. This will attempt to keep your vehicle in the lane.

Applies to: vehicles without side assist: When the system is ready, it will not warn you if you activate a turn signal before crossing the lane marker line. In this case, it assumes that you are changing lanes intentionally.

Applies to: vehicles with adaptive cruise control: There is no corrective steering or warnings if the system recognizes a distinct passing maneuver. If the conditions are met, traffic jam assist switches on at speeds under approximately 40 mph (65 km/h) ⇨ *page 128*.

WARNING

- The system warns the driver that the vehicle is leaving the lane using corrective steering. The driver is always responsible for keeping the vehicle within the lane.
- The system can help you keep the vehicle in the lane, but it does not drive by itself. Always keep your hands on the steering wheel.
- Corrective steering may not occur in certain situations, such as during heavy braking.
- There may be cases where the camera does not recognize all lane marker lines. Corrective steering can only take place on the side of the vehicle where lane marker lines are detected.
- Other road structures or objects could possibly be identified unintentionally as lane marker lines. As a result, corrective steering may be unexpected or may not occur.
- The camera view can be restricted, for example by vehicles driving ahead or by rain, snow, heavy spray or light shining into the camera. This can result in active lane assist not detecting the lane marker lines or detecting them incorrectly.
- In certain situations where visibility is low, the vehicle may switch from an “early” to “late” steering correction.
- Under certain conditions such as ruts in the road, an inclined roadway or crosswinds, the corrective steering alone may not be enough to keep the vehicle in the middle of the lane.
- For safety reasons, active lane assist must not be used when there are poor road and/or weather conditions such as slippery roads, fog, gravel, heavy rain, snow and the potential for hydroplaning. Using active lane assist under these conditions may increase the risk of a crash.

Switching on and off

Applies to: vehicles with Audi active lane assist



Fig. 124 Turn signal lever: button for active lane assist (example)

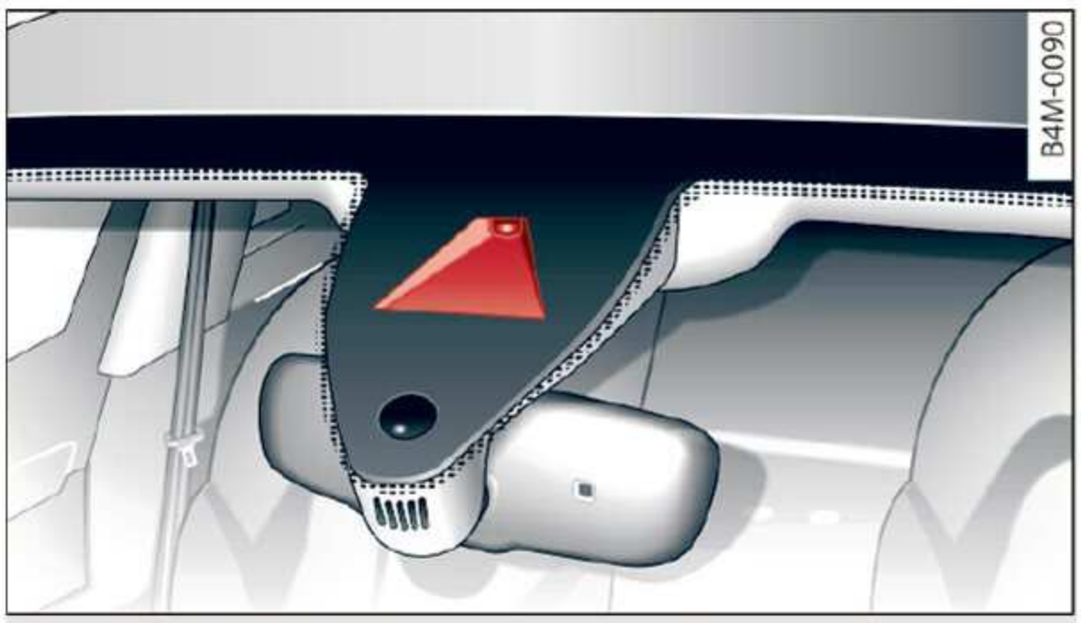


Fig. 125 Windshield: camera window for active lane assist

► Press the button to switch the system on and off ⇨ *fig. 124*. The indicator light in the instrument cluster turns on or off.

Analog instrument cluster	Audi virtual cockpit/head-up display*	Meaning on the corresponding side
Green line(s) (left/right)	Green line(s) (left/right)	Active lane assist is activated and ready to provide warnings.
-	Red line (left/right)	Active lane assist will warn you before the vehicle leaves a lane. The steering wheel will also vibrate lightly.
Yellow line(s) (left/right)	Gray line(s) (left/right)	Active lane assist is activated, but is not ready to provide warnings.

If the system is switched on but is not ready to provide warnings, one of the following could be the cause:

– There is no lane marker line
– The relevant lane marker lines are not detected (for example, markings in a construction zone or because they are obstructed by snow, dirt, water or lighting)
– The vehicle speed is below the activation speed of approximately 40 mph (65 km/h)
– The lane is too narrow or too wide
– The curve is too narrow
– The driver's hands are not on the steering wheel

Tips

– Make sure the camera window ⇨ *fig. 125* is not covered by stickers or other objects. For information on cleaning, see ⇨ *page 361*.
– If the system is ready for operation, it will remain ready each time it is switched on [1].

1) In certain countries

Display in the instrument cluster

Applies to: vehicles with Audi active lane assist



Fig. 126 Instrument cluster (multi-color display): active lane assist is switched on and ready to provide warnings

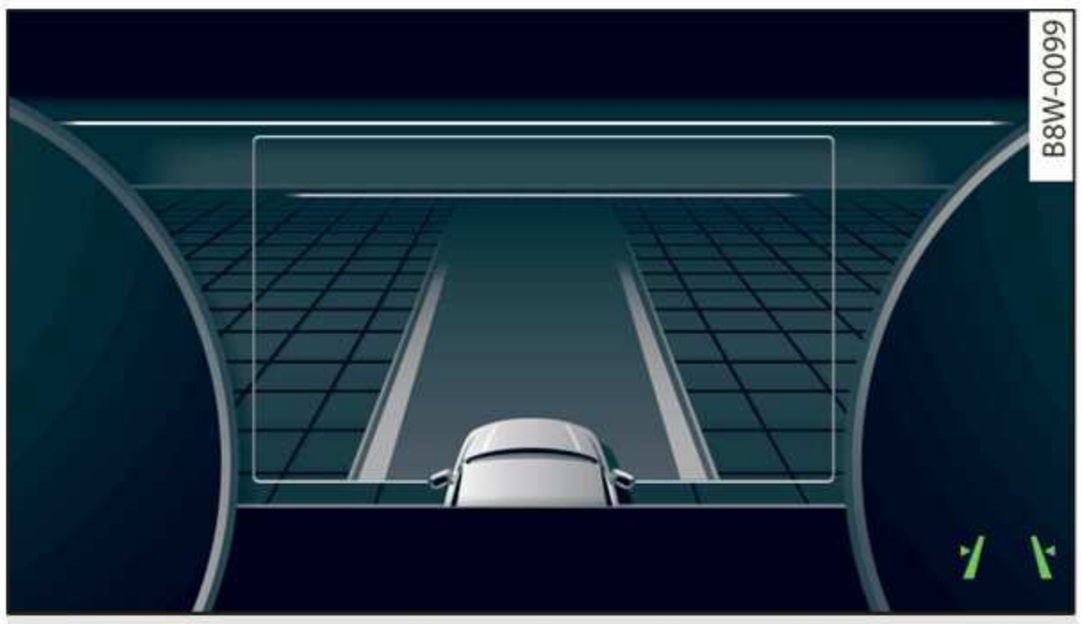


Fig. 127 Instrument cluster (monochrome display): active lane assist is switched on

You can open up the **Driver assistance** display for the active lane assist using the multifunction steering wheel buttons ⇨ *page 17*.

An additional indicator appears in the head-up display*.

Multi-Color Display

See ⇨ *fig. 126*.

Driver assistance display in the instrument cluster	Meaning on the corresponding side
Green line(s) (left or right)	Active lane assist is activated and ready to provide warnings.
Red line (left or right)	Active lane assist will warn you before the vehicle leaves a lane. The steering wheel will also vibrate lightly.
Gray line(s) (left or right)	Active lane assist is activated, but is not ready to provide warnings.

Monochrome display

See ⇨ *fig. 127*.

Driver assistance display in the instrument cluster	Meaning on the corresponding side
Light gray line(s) (left or right)	Active lane assist is activated and ready to provide warnings.
Blinking line(s) (left or right)	Active lane assist will warn you before the vehicle leaves a lane. The steering wheel will also vibrate lightly.
Dark gray line(s) (left or right)	Active lane assist is activated, but is not ready to provide warnings.

Messages in the instrument cluster display

If the active lane assist switches off automatically, the indicator light in the display turns off and one of the following messages appears:

Audi active lane assist: malfunction! See owner's manual

Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Audi active lane assist: currently unavailable. Camera view restricted due to surroundings. See owner's manual ▶

This message appears if the camera is unable to detect the lines. This could happen if:

– The camera field of view ⇨ *page 137, fig. 125* is dirty or covered in ice. Clean this area on the windshield ⇨ *page 361*.
– The camera field of view is fogged over. Wait until the fog has cleared before switching the active lane assist on again.
– The system has been unable to detect the lanes for an extended period of time due to road conditions. Switch active lane assist back on when the lines are more visible.

Audi active lane assist: currently unavailable. See owner's manual

There is a temporary malfunction that may prevent the active lane assist from switching on. Try switching the active lane assist on again later.

Audi active lane assist: Please take over steering!

This message appears if you are not steering by yourself. Active lane assist is activated, but is not ready to provide warnings.

WARNING

Note that messages may be delayed or not displayed on vehicles with accessories mounted on the steering wheel, such as a steering wheel spinner knob. Always keep your hands on the steering wheel.

Adjusting the steering time and vibration warning

Applies to: vehicles with Audi active lane assist

You can adjust individual active lane assist settings in the Infotainment system.

► Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Audi active lane assist**.

Steering time

Early: in this setting, the corrective steering happens continuously to help keep the vehicle in the center of the lane.

Late: in this setting, the system provides corrective steering just before a wheel goes over a detected lane marker line.

Vibration warning

You can switch the additional vibration warning in the steering wheel on or off.

WARNING

With the vibration warning switched off, there will also be no visual warning in the instrument cluster display when crossing a lane marker line.

Tips

Certain settings are automatically stored and assigned to the vehicle key being used[1)].

1) In certain countries

Audi side assist

Description

Applies to: vehicles with Audi side assist

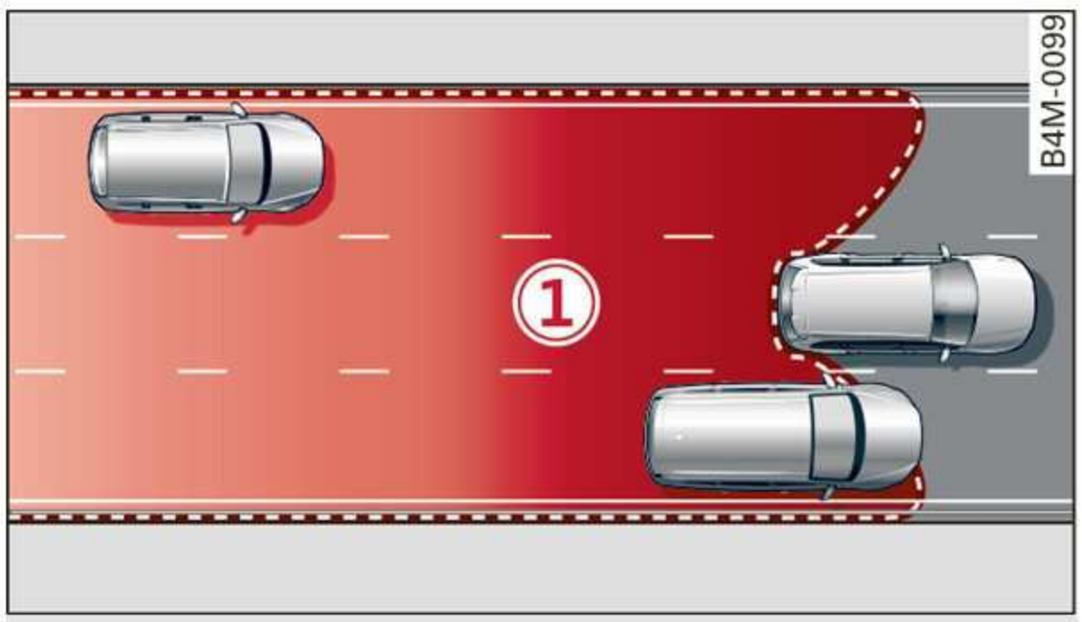


Fig. 128 Sensor detection range

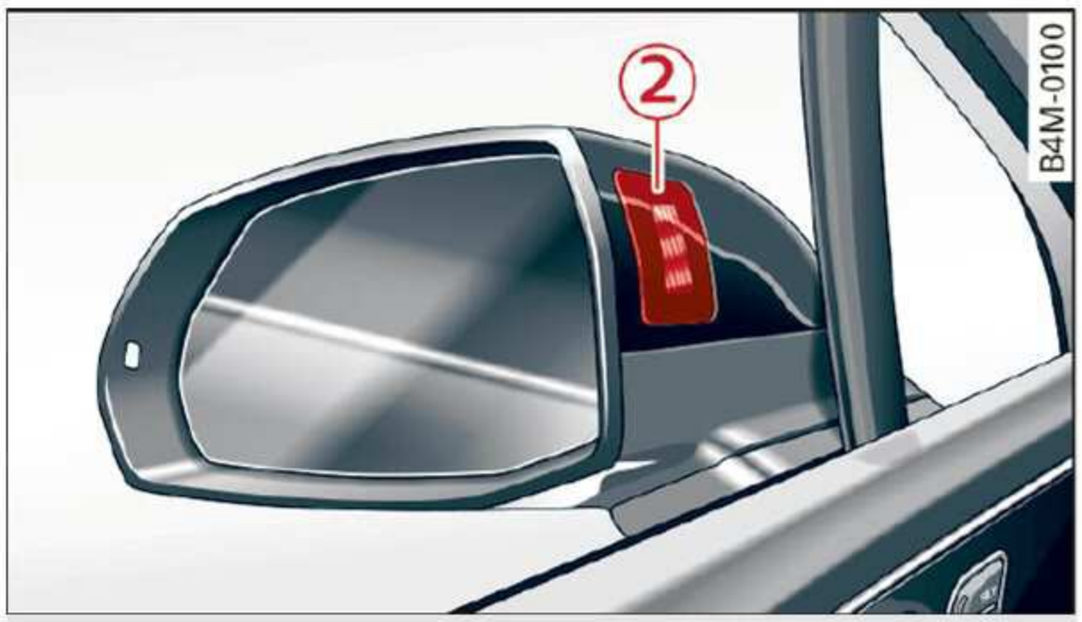


Fig. 129 Indicator on the exterior mirror

Side assist (lane change assist) helps you monitor your blind spot and traffic behind your vehicle. Within the limits of the system, it warns you about vehicles that are approaching or traveling in the same direction as your vehicle within sensor range (1) ⇨ *fig. 128*. If a lane change is classified as critical, the display (2) in the exterior mirror turns on ⇨ *fig. 129*.

The display in the left exterior mirror provides assistance when making a lane change to the left, while the display in the right exterior mirror provides assistance when making a lane change to the right.

Information stage

As long as you do not activate the turn signal, side assist *informs* you about vehicles that are detected and classified as critical. The display in the mirror turns on, but is dim.

The display remains dim in the information stage so that your view toward the front is not disturbed.

Warning stage

If the display in a mirror blinks brightly when you activate a turn signal, side assist is *warning* you about detected vehicles that it has classified as critical. If this happens, check traffic by glancing in the exterior mirrors and over your shoulder ⇨ ⚠ *in General information on page 141*.

Applies to: vehicles with active lane assist: The display in the mirror can also blink if you have not activated a turn signal: if you are approaching a detected lane marker line and it appears you will be leaving the lane, side assist will warn you about detected vehicles that it has classified as critical.

Tips

You can adjust the brightness on of the display on the rearview mirror ⇨ *page 142*.

General information

Applies to: vehicles with Audi side assist

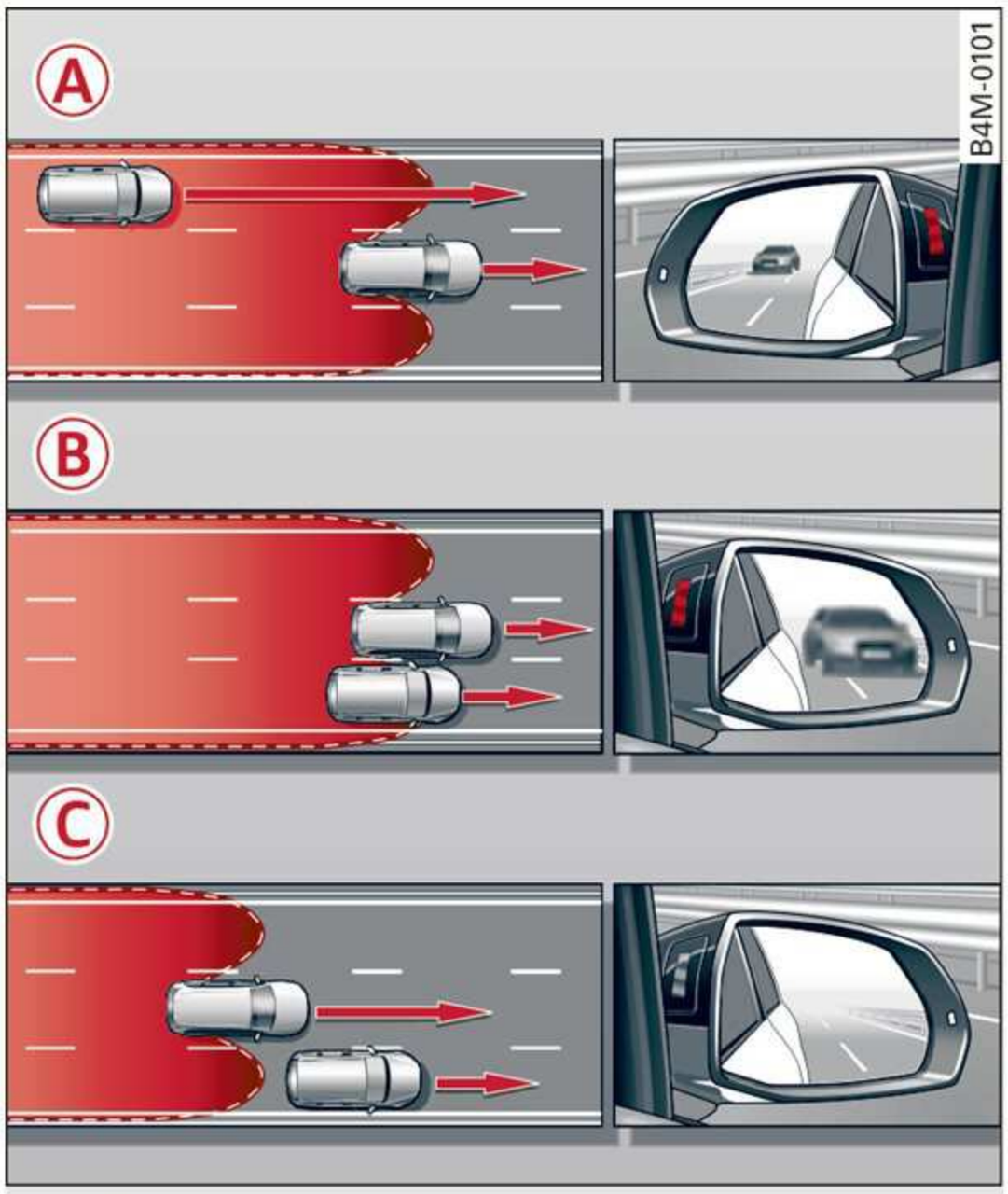


Fig. 130 Driving situations



Fig. 131 Rear of the vehicle: sensor locations

Side assist functions at speeds above approximately 9 mph (15 km/h).

Ⓐ Vehicles that are approaching

In certain cases, a vehicle will be classified as critical for a lane change even if it is still somewhat far away. The faster a vehicle approaches, the sooner the display in the outside mirror will turn on.

Ⓑ Vehicles traveling in the same direction as your vehicle

Vehicles traveling in the same direction as your vehicle are indicated in the exterior mirror if they are classified as critical for a lane change. All vehicles detected by side assist are indicated by the time they enter your "blind spot", at the latest.

Ⓒ Vehicles you are passing

If you slowly pass a vehicle that side assist has detected (the difference in speed between the vehicle and your vehicle is less than approximately 9 mph (15 km/h)), the display in the exterior mirror turns on as soon as the vehicle enters your blind spot.

The display will not turn on if you quickly pass a vehicle that side assist has detected (the difference in speed is greater than approximately 9 mph (15 km/h)).

Functional limitations

The radar sensors are designed to detect the left and right adjacent lanes when the road lanes are the normal width. In some situations, the display in the exterior mirror may turn on even though there is no vehicle located in the area that is critical for a lane change. For example:

- If the lanes are narrow or if you are driving on the edge of your lane. If this is the case, the system may have detected a vehicle in another lane that is *not* adjacent to your current lane.
- If you are driving through a curve. Side assist may react to a vehicle that is in the same lane or one lane over from the adjacent lane.
- If side assist reacts to other objects (such as roadside structures like guard rails).
- In poor weather conditions. The side assist functions are limited.

Do not cover the radar sensors ⇨ *fig. 131* with stickers, deposits, bicycle wheels or other objects, because this will impair the function. For information on cleaning, see ⇨ *page 361*.

WARNING

- Always pay attention to traffic and to the area around your vehicle. Side assist cannot replace a driver's attention. The driver alone is always responsible for lane changes and similar driving maneuvers.
- In some situations, the system may not function or its function may be limited. For example:

– If vehicles are approaching or being left behind very quickly. The display may not turn on in time.
– In poor weather conditions such as heavy rain, snow or heavy mist.
– On very wide lanes, in tight curves, or if there is a rise in the road surface. Vehicles in the adjacent lane may not be detected because they are outside of the sensor range.

Note

The sensors can be displaced by impacts or damage to the bumper, wheel housing and underbody. This can impair the system. Have an authorized Audi dealer or authorized Audi Service Facility check their function.

Tips

– These systems are not available in trailer towing mode. There is no guarantee the systems will switch off when using a retrofitted trailer hitch. Do not use these functions when towing a trailer.
– If the window glass in the driver's door or front passenger's door has been tinted, the display in the exterior mirror may be incorrect.
– For an explanation on conformity with the FCC regulations in the United States and the Industry Canada regulations, see ⇨ *page 390*.

Switching on and off

Applies to: vehicles with Audi side assist

The system can be switched on/off in the Infotainment system.

▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Audi side assist**. **Off** switches the system off.

If the system is activated, the displays in the exterior mirrors will turn on briefly when the ignition is switched on.

Tips

When you switch side assist on or off, the exit warning system activates or deactivates ⇨ *page 143*.

Setting the display brightness

Applies to: vehicles with Audi side assist

The display brightness can be adjusted in the Infotainment system.

▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Audi side assist**.

The display brightness adjusts automatically to the brightness of the surroundings, both in the information and in the warning stage. In very dark or very bright surroundings, the automatic adjustment will set the display to the minimum or maximum level. In such cases, you may notice no change when adjusting the brightness, or the change may only be noticeable once the surroundings change.

Adjust the brightness to a level where the display in the information stage will not disrupt your view ahead. If you change the brightness, the display in the exterior mirror will briefly show the brightness level in the information stage. The brightness of the warning stage is linked to the brightness in the information stage and is adjusted along with the information stage.

Tips

– The side assist functions are not active during the adjustment process.
– The exit warning indicators turn on during the adjustment process.
– Your settings are automatically stored and assigned to the vehicle key being used.

Exit warning

Applies to: vehicles with exit warning system

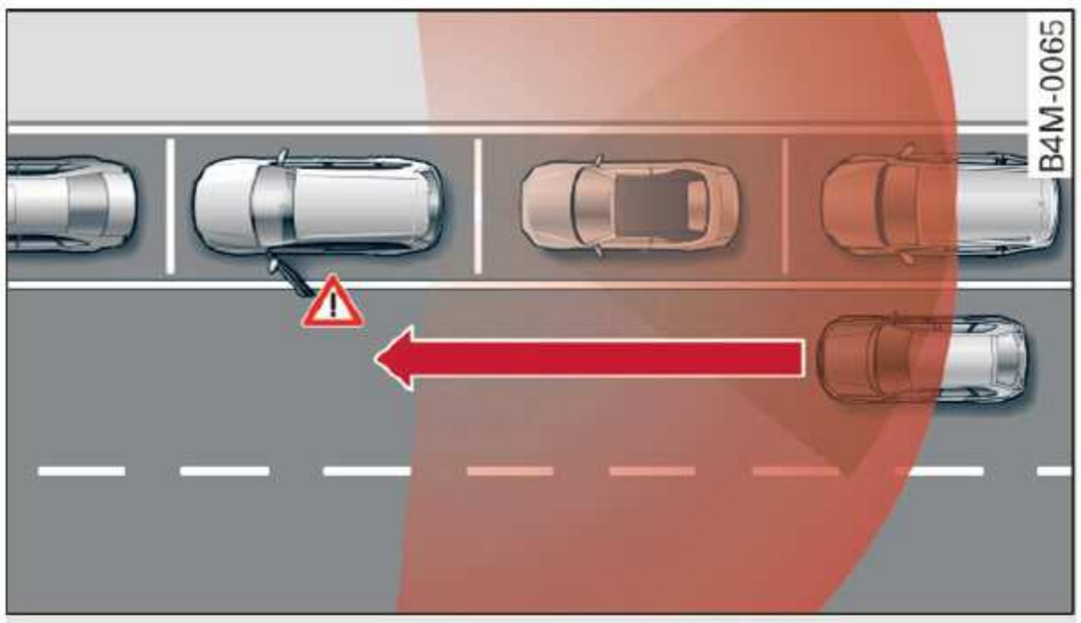


Fig. 132 Example display

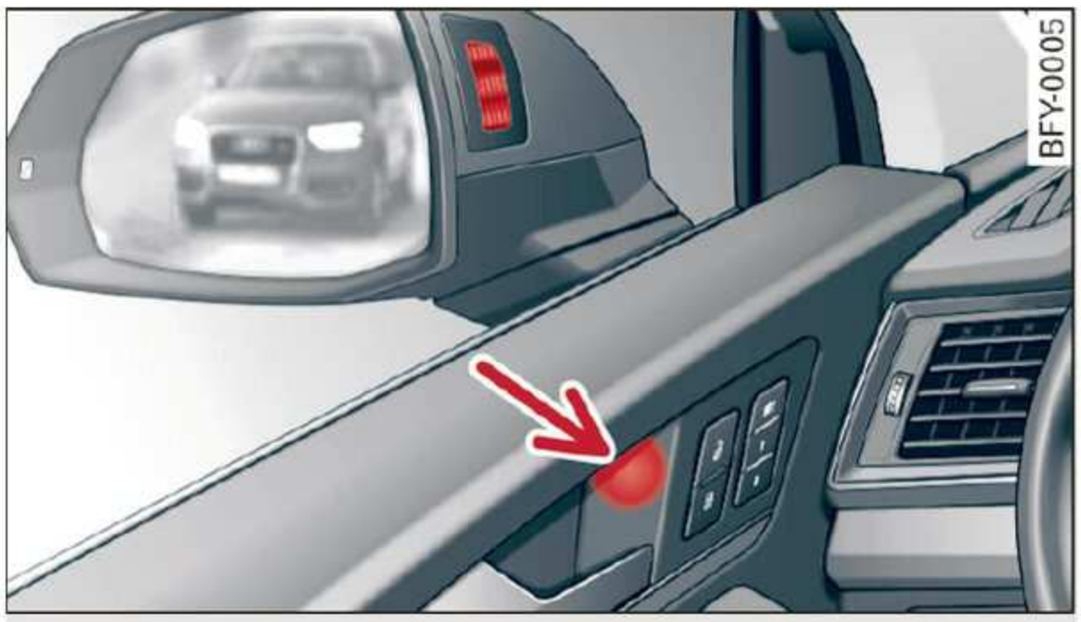


Fig. 133 Door: warning light

When the vehicle is stationary, the exit warning system warns the passengers of a possible collision when opening the door. Within the limits of the system, the system monitors the areas behind and next to the vehicle using the radar sensors ⇨ *page 141, fig. 131*. Moving objects that are approaching from behind, such as cars, are detected ⇨ *fig. 132*.

If you open the door and a critical situation is detected, the door handle frame on the affected door will blink ⇨ *fig. 133* and the display in the outside mirror on the same side also appears. If the door is already open and another road user is detected and the situation is classified as critical, then the corresponding displays turn on.

WARNING

– Always pay attention to traffic and to the area around your vehicle. The exit warning system does not replace the attention of the vehicle occupants. The vehicle occupants are always responsible for opening the doors and exiting the vehicle.

– The exit warning system can be available for up to approximately three minutes after unlocking the vehicle and opening the door as well as after switching off the ignition. Then the displays flash briefly and the system switches off.
– The exit warning system does not respond to people and cannot warn you about every type of approaching objects, such as cyclists. Always monitor the traffic as well as the vehicle's surroundings with direct eye contact.

WARNING

The exit warning system is subject to limitations and cannot warn you before every impending collision:

– If the vehicle is too wide for the parking space and covered by the neighboring vehicles.
– Approaching objects or people such as cyclists or skateboarders may not be detected under certain circumstances.
– The system does not react to stationary objects.
– The view of the radar sensors may be impaired by leaves, snow, heavy spray or dirt. Clean the area in front of the sensors ⇨ *page 141, fig. 131*.

Note

Also read the information in ⇨ *in General information on page 142*.

Tips

– The exit warning system is switched on and off through the side assist ⇨ *page 142*. The exit warning indicators turn on during the adjustment process.
– The display brightness for the exit warning system cannot be adjusted.
– The system is not available when towing a trailer.

Rear cross-traffic assist

Applies to: vehicles with rear cross-traffic assist

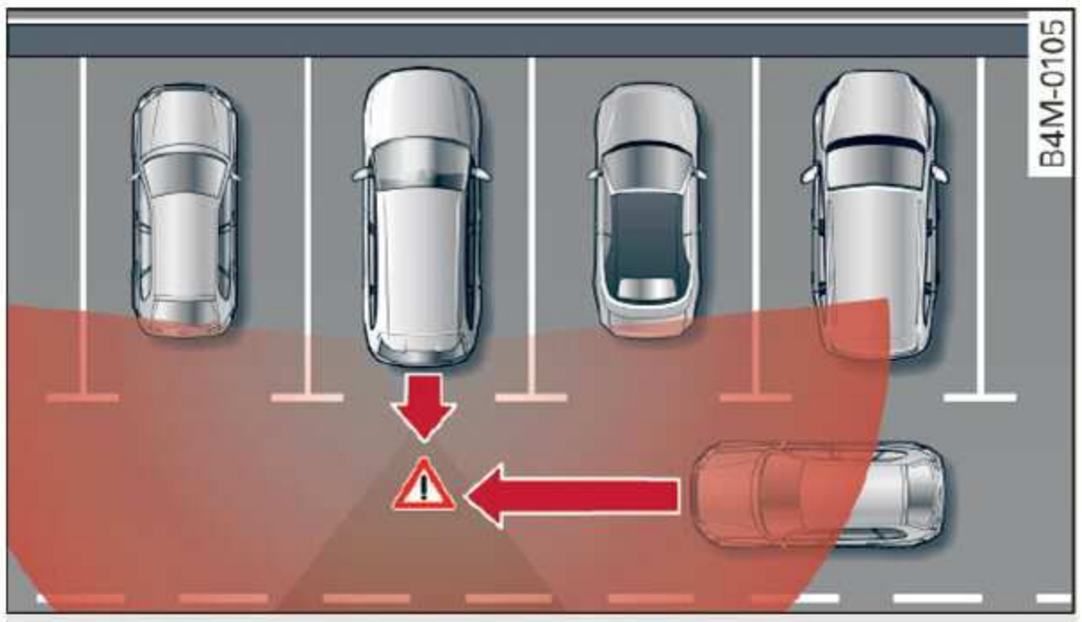


Fig. 134 Example display



Fig. 135 Infotainment system: rear cross-traffic assist display

Activating rear cross-traffic assist

The rear cross-traffic assist is activated automatically if you turn on the parking aid ⇨ *page 149* or shift into reverse gear.

The rear cross-traffic assist can warn of a potential collision with approaching cross-traffic when driving in reverse at speeds up to approximately 9 mph (15 km/h). Within its limits, the system monitors the areas behind and next to the vehicle using the radar sensors when leaving a parking space ⇨ *page 141, fig. 131*. Moving objects that are approaching, such as cars, are detected ⇨ *fig. 134*.

If the system detects critical cross traffic when backing out of a parking space, it will react as follows:

– **Visual indicator**: an indicator appears in the Infotainment system display with a red arrow symbol. The arrow points in the direction from which the object is approaching ⇨ *fig. 135*.
– **Audible warning signal**: a continuous tone may sound as an additional indicator when driving in reverse.
– **Automatic brake activation**: a brief activation of the brakes may also warn you of a potential collision with an approaching object.

The audible warning signal and the automatic brake activation occur only when driving in reverse.

WARNING

– The rear cross-traffic assist is an assist system and cannot prevent a collision by itself. The driver must always intervene. The driver is always responsible for braking at the correct time.
– Please note that the rear cross-traffic assist may activate the brakes unexpectedly. Secure any cargo that you are transporting to reduce the risk of damage or injury.
– The view of the radar sensors may be impaired by leaves, snow, heavy spray or dirt. Clean the area in front of the sensors ⇨ *page 141, fig. 131*.

WARNING

– The rear cross-traffic assist will not provide alerts about people and cannot warn you about every type of approaching objects, such as cyclists. Always monitor the traffic as well as the vehicle's surroundings with direct eye contact.
– The rear cross-traffic assist will not provide alerts if your vehicle is parallel or diagonally parked or if your vehicle is pulled too far into the parking space so that it is hidden by adjacent vehicles.

Note

Also read the information in ⇨ *in General information on page 142*.

Tips

– You can cancel the automatic brake activation with increasing braking force if you apply the brakes yourself or accelerate considerably.
– In some situations, rear cross-traffic assist may warn you even if there is no cross traffic ▶

in a critical area, for example when backing into a parking space or maneuvering.
– Once an automatic brake activation occurs, the system cannot brake automatically again for several seconds.
– The rear cross-traffic assist also switches off when you switch off the ESC.
– If there is an acoustic warning signal from the rear cross-traffic assist, then the parking system may not warn you of detected obstacles under certain circumstances.
– The system is not available when the vehicle detects that you are towing a trailer. There is no guarantee the functions will switch off when using a retrofitted trailer hitch. Do not use these functions when towing a trailer.
– For an explanation on conformity with the FCC regulations in the United States and the Industry Canada regulations, see ⇨ *page 390*.

Messages

Applies to: vehicles with Audi side assist

Audi side assist: malfunction! Please contact Service

Audi side assist and exit warning: malfunction! Please contact Service

The system cannot guarantee that it will detect vehicles correctly and it has switched off. The sensors have been moved or are faulty. Have the system checked by an authorized Audi dealer or authorized Audi Service Facility soon.

Audi side assist: currently unavailable. Sensor vision restricted due to surroundings. See owner's manual

Audi side assist and exit warning: currently unavailable. Sensor vision restricted due to surroundings

The radar sensor vision is impaired. The area in front of the sensors must not be covered by bike racks, stickers, leaves, snow or any other objects. Clean the area covering the sensors, if necessary ⇨ *page 141, fig. 131*.

Audi side assist: currently unavailable. See owner's manual

Audi side assist and exit warning: currently unavailable. See owner's manual

Side assist cannot be switched on at this time because there is a malfunction (for example, the battery charge level may be too low).

Audi side assist: unavailable in towing mode

Audi side assist and exit warning: currently unavailable. Towing mode

Side assist switches off automatically when the electrical connector in the factory-installed trailer hitch is connected. There is no guarantee the system will switch off when using a retrofitted trailer hitch. Do not use side assist and the exit warning when towing a trailer.

Rear parking aid: obstacle detection restricted

The rear cross-traffic assist is not available. Either the ESC is switched off, or the radar sensors may be covered by a bike rack, stickers, leaves, snow or other objects. Switch the ESC on, or clean the area in front of the sensors if necessary ⇨ *page 141, fig. 131*. If this message continues to be displayed, drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Audi drive select

Introduction

Applies to: vehicles with Audi drive select

Drive select makes it possible to experience different types of vehicle characteristics in one vehicle. With different driving modes, the driver can switch the setting, for example from sporty to comfortable. In the **Individual** mode, the settings can be adjusted to your personal preferences. This makes it possible to combine settings such as a sporty drivetrain setting with comfortable steering.

Description

Applies to: vehicles with Audi drive select

The following systems, among other things, are influenced by drive select: ▶

Engine and automatic transmission

Depending on the mode, the engine and automatic transmission respond more quickly or in a more balanced manner to accelerator pedal movements. In the sporty **Dynamic** mode, the transmission shifts at higher speed ranges.

Air suspension*

The air suspension is an electronically-controlled suspension and leveling system. The firmness of the suspension will adapt to the driving conditions and the driving situation. The system balances out changes in load. The vehicle level will also adapt gradually to the vehicle speed in order to reduce the wind resistance at high speeds and increase the ground clearance at low speeds. The settings depend on the selected Audi drive select* mode.

Suspension control*

The suspension control uses sensors to record information regarding steering movements, braking and acceleration operations by the driver, as well as information about the road surface, driving speed, and load. This makes it possible to adapt damping to the driving situation nearly in real time. With drive select, you can adjust the suspension control to sporty (**Dynamic**), comfortable (**Comfort**) or balanced (**Auto**).

Steering

The power steering adapts. Indirect steering that moves easily as in **Comfort** mode is especially suited to long drives on highways. The **Dynamic** mode provides sporty, direct steering.

Applies to: vehicles with dynamic steering: The steering ratio changes based on vehicle speed in order to maintain optimum steering effort for the driver at all times. This sets the steering to be less sensitive at higher speeds in order to provide improved vehicle control. At reduced speeds, steering is more direct in order to keep the steering effort as minimal as possible when the driver is maneuvering the vehicle. Dynamic steering also provides more responsive steering performance at low and average speeds.

Sport differential*

Depending on the setting, the drive power at the rear axle will be distributed with the sport differential* to be more sporty or moderate.

Adaptive cruise control (ACC)*

The behavior when accelerating can be adjusted from comfortable to sporty, depending on the drive select mode. Adaptive cruise control also responds to the driving behavior of the vehicle ahead in a more conservative or sporty manner.

Engine sound*

The engine sound adapts to the current mode and can be subtle to sporty.

Note

Applies to: vehicles with air suspension

– Make sure there is enough clearance above and below the vehicle when parking. The height of the vehicle (ground clearance) can change once it is parked due to temperature fluctuations, changes to the load conditions, and changes to the driving modes.
– When transporting the vehicle on a road carrier, rail carrier, ship carrier, or other carrier, it may only be secured at the running surfaces of the tires (circumference). Securing the vehicle at the axle components, suspension struts, or towing eyes is not permitted because the pressure in the air suspension struts can change during transport. The vehicle might not be secured sufficiently if this happens.

Tips

The "S" selector lever position automatically engages when the **Dynamic** mode is selected.

Selecting the driving mode

Applies to: vehicles with Audi drive select

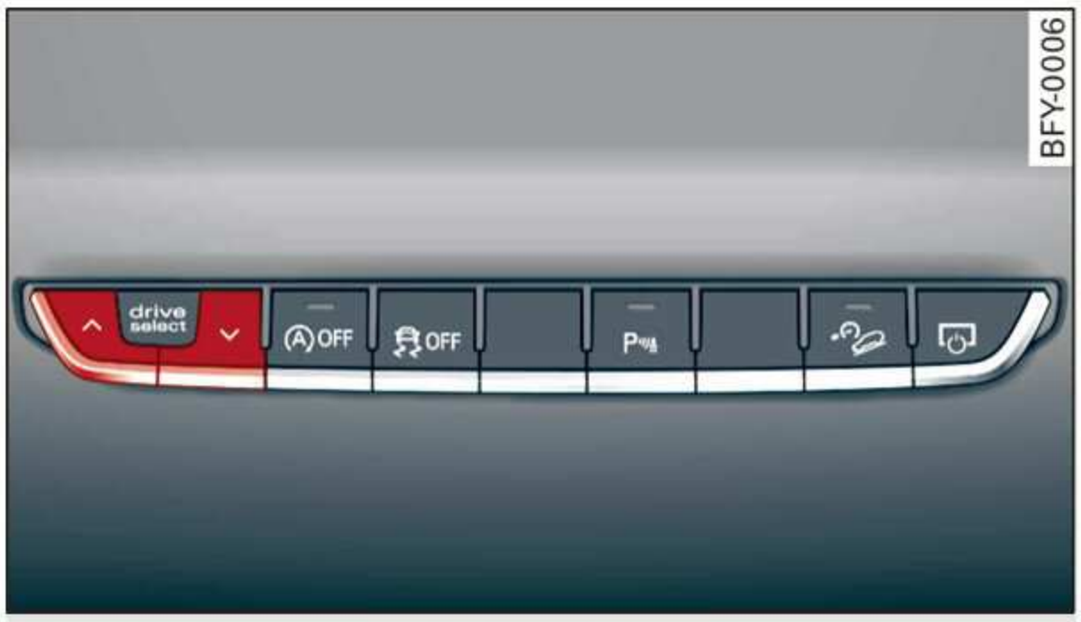


Fig. 136 Center console: controls for drive select

- ▸ Press the left or right arrow key ⇨ *fig. 136* until the desired mode appears in the instrument cluster/Infotainment system display. Or
- ▸ Select in the Infotainment system: MENU button > **Vehicle** > **Audi drive select**.
- ▸ Select and confirm the desired setting.

You can change the driving mode when the vehicle is stationary or while driving. If traffic permits, after changing modes, briefly remove your foot from the accelerator pedal so that the recently selected mode is also activated for the engine.

Offroad* or **Lift / Offroad*** - Activates offroad functions to support driving on rough terrain. The engine, transmission and steering adjust and the Start/Stop system* switches off. Applies to air suspension*: the vehicle also lifts for passing over obstacles to maintain maximum ground clearance.

Allroad* - Only for air suspension*: the vehicle lifts to maintain higher ground clearance for difficult stretches of road.

Comfort - Provides a comfort-oriented vehicle setup and is suited for long drives on highways.

Auto - Provides an overall comfortable yet dynamic driving feel and is suited for everyday use.

Dynamic - Gives the driver a sporty driving feel and is suited to a sporty driving style.

Individual - ⇨ *page 147*.

Adjusting the Individual mode

Applies to: vehicles with Audi drive select

You can adjust the vehicle settings to your personal preferences.

- ▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Audi drive select** > **Individual** > right control button.

After you have closed the settings, you will automatically drive in the **Individual** mode.

The equipment in your vehicle will determine which settings you can adjust. The following table gives an overview of the characteristics.

Systems	comfort	auto	dynamic
Engine/transmission	balanced	balanced	sporty
Air suspension*	comfortable	balanced	sporty
Steering	comfortable	balanced	sporty
Dynamic steering*	comfortable/indirect	balanced/direct	sporty/direct
Suspension control*	comfortable	balanced	sporty
Sport differential*	Off	balanced	sporty
Engine sound*	subtle	subtle/sporty[a)]	sporty
ACC*	comfortable	balanced	sporty

a) Subtle in the selector lever position "D" and sporty in "S".

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Lifting and lowering the vehicle

Applies to: vehicles with air suspension

- ▸ Press the left or right arrow key ⇨ *page 147, fig. 136* until the desired mode appears in the instrument cluster/Infotainment system display. Or
- ▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Audi drive select**.
- ▸ Select and confirm the desired setting.

Note

The **Lift / Offroad** mode switches to **Allroad** mode when driving above approximately 20 mph (30 km/h) and the vehicle automatically lowers again. These modes may only be used on a temporary basis and are not intended for continuous driving.

Tips

– The filled-in boxes in the Infotainment system represent the current vehicle level. If the segment is white or blinking, then the vehicle is lifting or lowering. If only the bottom segment is filled in, then the vehicle is at the lowest level (lowest ground clearance). If all the segments are filled in, then the vehicle is at the highest level (highest ground clearance).
– The target level is highlighted with a *red* frame while the vehicle is lifting or lowering. The frame is then hidden when the vehicle reaches the target level.
– The vehicle lifts up to the highest level when you select **Lift / Offroad**. Select another mode to lower the vehicle again.

Parking aid

General information

Applies to: vehicles with a rear parking system/parking system plus/rearview camera/peripheral cameras/park assist.

Depending on your vehicle's equipment, various parking aids will help you when parking and maneuvering.

The **rear parking system** is an audible parking aid that warns you of obstacles *behind* the vehicle ⇨ *page 150*.

The **parking system plus** assists you while parking using audio and visual signals to warn you about objects detected in front of, behind, and at the sides* of the vehicle ⇨ *page 150*.

The **rearview camera** shows the area behind the vehicle in the Infotainment system display. The lines in the rearview camera image help you to park or maneuver ⇨ *page 152*.

The **peripheral cameras** give various views to help you when parking or maneuvering ⇨ *page 154*. The parking system plus functions are also available ⇨ *page 150*.

Park assist helps you to locate suitable parking spaces when parallel or perpendicular parking, and also helps when leaving a parallel parking space ⇨ *page 158*.

WARNING

- Always look for traffic and check the area around your vehicle by looking at it directly as well. The parking system cannot replace the driver's attention. The driver is always responsible when entering or exiting a parking space and during similar maneuvers.
- Please note that some surfaces, such as clothing, are not detected by the system.
- Sensors and cameras have blind spots in which people and objects cannot be detected. Be especially cautious of small children and animals.
- Always keep your eyes on the vehicle's surroundings, using the rearview mirror as well.
- The sensors can be displaced by impacts or damage to the radiator grille, bumper, wheel housing and the underbody. The parking system may be impaired as a result. Have an authorized Audi dealer or authorized Audi Service Facility check their function.

Note

- Some objects are not detected or displayed by the system under certain circumstances:
  - objects such as barrier chains, trailer draw bars, vertical poles or fences
  - objects above the sensors such as wall extensions
  - objects with certain surfaces or structures such as chain link fences or powder snow
- If you continue driving closer to a low object, it may disappear from the sensor range. Note that you will no longer be warned about this obstacle.
- Maintain enough distance from the curb to reduce the risk of damage to the rims.

Tips

- The system may provide a warning even though there are no obstacles in the coverage area in some situations, such as:
  - certain road surfaces or when there is tall grass
  - external ultrasonic sources such as from cleaning vehicles
  - in heavy rain, snow, or thick vehicle exhaust
- We recommend that you practice parking in a traffic-free location or parking lot to become familiar with the system. Practice parking in good light and weather conditions.
- You can change the volume of the signals and the display ⇨ *page 162*.
- What appears in the infotainment display is somewhat time-delayed.
- The sensors must be kept clean and free of snow and ice for the parking aid to operate.
- The rearview camera is cleaned when cleaning the rear window ⇨ *page 48*.

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Rear parking system

Description

Applies to: vehicles with rear parking system

The rear parking system is an audible parking aid.

Description

There is a sensor in the rear bumper cover. If these detect an obstacle, audible signals warn you.

Make sure the sensors are not covered by stickers, deposits or any other obstructions as it may impair the function of the system. For information on cleaning, see ⇨ *page 361*.

The range at which the sensors begin to measure is approximately:

Rear	Side	3 ft (0.90 m)
	Center	5.2 ft (1.60 m)

The closer you get to the obstacle, the shorter the interval between the audible signals. A continuous tone sounds when the obstacle is less than approximately 1 foot (0.30 meters) away.

Do not continue backing up ⇨ ⚠ *in General information on page 149*, ⇨ ⓘ *in General information on page 149*!

Switching on automatically

The system switches on automatically when reverse gear is engaged while the engine is running. A brief tone will sound.

Tips

– If the distance to an obstacle remains constant, the volume of the distance warning gradually lowers after a few seconds until it is muted (this does not apply to the continuous tone). If the obstacle comes closer than it was before the sound was muted, the tone will sound again. If the obstacle becomes farther away than it was before the sound was muted, no tone will sound. Pay attention to the vehicle's surroundings when you start to drive.
– There is no distance warning when trailer towing mode is detected. There is no guarantee the functions will switch off when using a retrofitted trailer hitch.

Parking system plus

Description

Applies to: vehicles with parking system plus/park assist

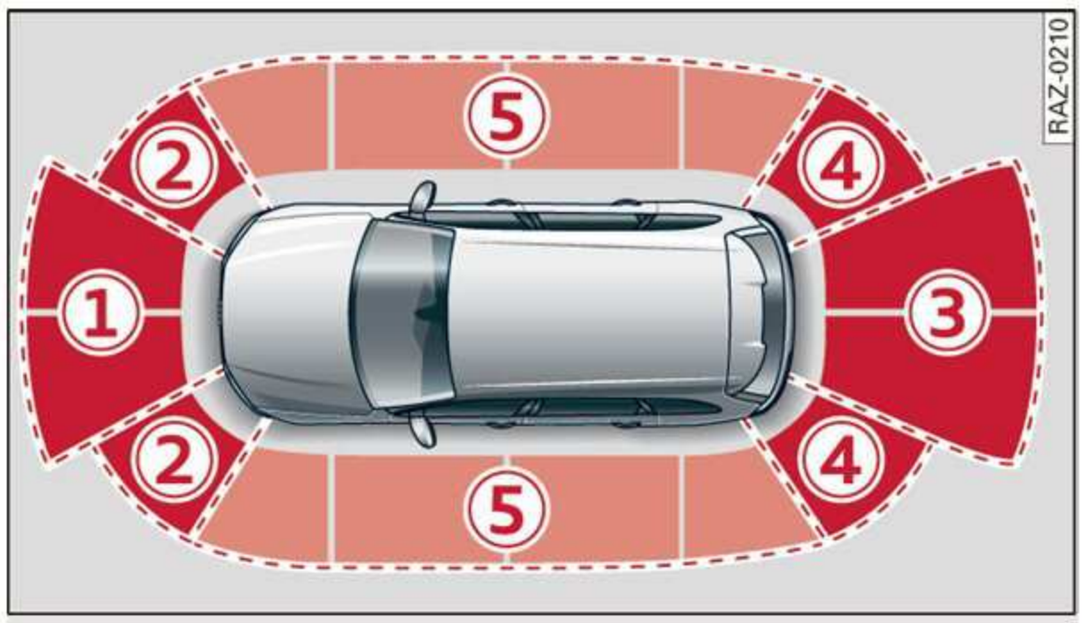


Fig. 137 Diagram: coverage area of the ultrasonic sensors



Fig. 138 Infotainment system: visual distance display

The parking system plus uses audio and visual warnings to help you avoid obstacles when parking.

Sensors are located in the front and rear bumpers. If these detect an obstacle, audible and visual signals warn you.

Make sure the sensors are not covered by stickers, deposits or any other obstructions as it may impair the function of the system. For information on cleaning, see ⇨ *page 361*.

The display field begins approximately at:

①	4 ft (1.20 m)
②	3 ft (0.90 m)
③	5.2 ft (1.60 m)
④	3 ft (0.90 m)
⑤*	3 ft (0.90 m)[a)]

a) Applies to: vehicles with park assist

Audio signals

The closer your vehicle gets to a detected obstacle, the shorter the time between the audible signals. A continuous tone sounds when an obstacle is less than approximately 1 foot (0.30 m) away from the front or rear of the vehicle. A continuous tone sounds when an obstacle is less than approximately 0.7 feet (0.20 m) away from the sides* of the vehicle. Do not continue driving forward or in reverse ⇨ ⚠ *in General information on page 149*, ⇨ ⓘ *in General information on page 149*.

Visual warnings

The visual warnings in the Infotainment system display help you to detect the critical vehicle area and to estimate the distance to an obstacle ⇨ *fig. 138*.

Red segments show identified obstacles that are in your vehicle's path. The red lines mark the expected direction of travel according to the steering angle. A white segment indicates an identified obstacle that is outside of the vehicle's path. As your vehicle comes closer to the obstacle, the segments move closer to the vehicle. The collision area has been reached when the next to last segment is displayed. Obstacles in the collision area, including those outside of the vehicle's path, are shown in red. Do not continue driving forward or in reverse ⇨ ⚠ *in General information on page 149*, ⇨ ⓘ *in General information on page 149*!

Tips

- The segments in the side area* are detected and analyzed when passing. If you switch the ignition off and on again or open the door, or if the vehicle is stationary for a period of time, the surrounding area may have changed in the meantime. In this scenario, the side area* will appear black until the area has been detected and evaluated.
- If the distance to an obstacle remains constant, the volume of the distance warning gradually lowers after a few seconds until it is muted (this does not apply to the continuous tone). If the obstacle comes closer than it was before the sound was muted, the tone will sound again. If the obstacle becomes farther away than it was before the sound was muted, no tone will sound. Pay attention to the vehicle's surroundings when you start to drive.
- There is no distance warning for the rear and the sides* when trailer towing mode is detected. The front sensors remain activated. The visual display switches to trailer mode. There is no guarantee the functions will switch off when using a retrofitted trailer hitch.

Switching on and off

Applies to: vehicles with parking system plus/park assist

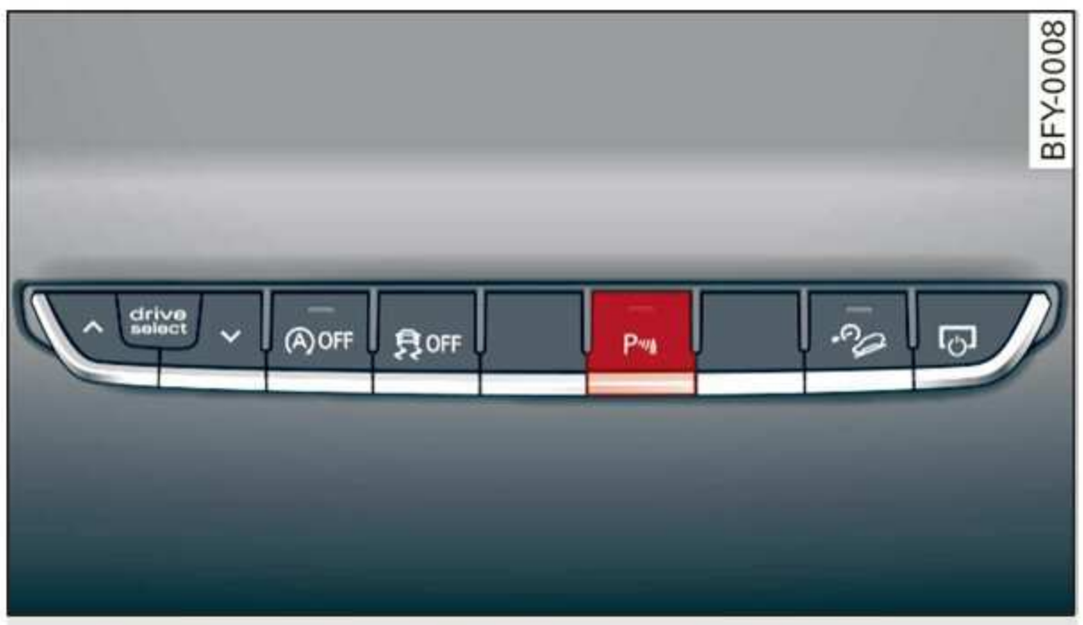


Fig. 139 Center console: parking aid button

Switching on and off

Requirement: the vehicle speed must be under approximately 6 mph (10 km/h).

▸ Press the P button in the center console. A short confirmation tone sounds and the LED in the button turns on.

Switching on automatically

The system switches on automatically when reverse gear is engaged while the engine is running. A brief tone will sound.

If **Activate automatically** is switched on in the Infotainment system and if the vehicle approaches an obstacle at speeds under approximately 6 mph (10 km/h), the parking aid will switch on automatically. Audible signals will sound once the obstacle is within the sensor detection area. ▶

Switching off automatically

The distance indicator for the parking system plus switches off automatically when driving forward faster than 6 mph (10 km/h).

Tips

If you press the P button to switch the parking aid off, it can only be reactivated automatically when one of the following conditions is met:

– The vehicle speed exceeds 6 mph (10 km/h)
– The ignition is switched off and back on again
– The parking brake is set and then released
– The "P" selector lever position is engaged and released again

Rearview camera

Introduction

Applies to: vehicles with rearview camera

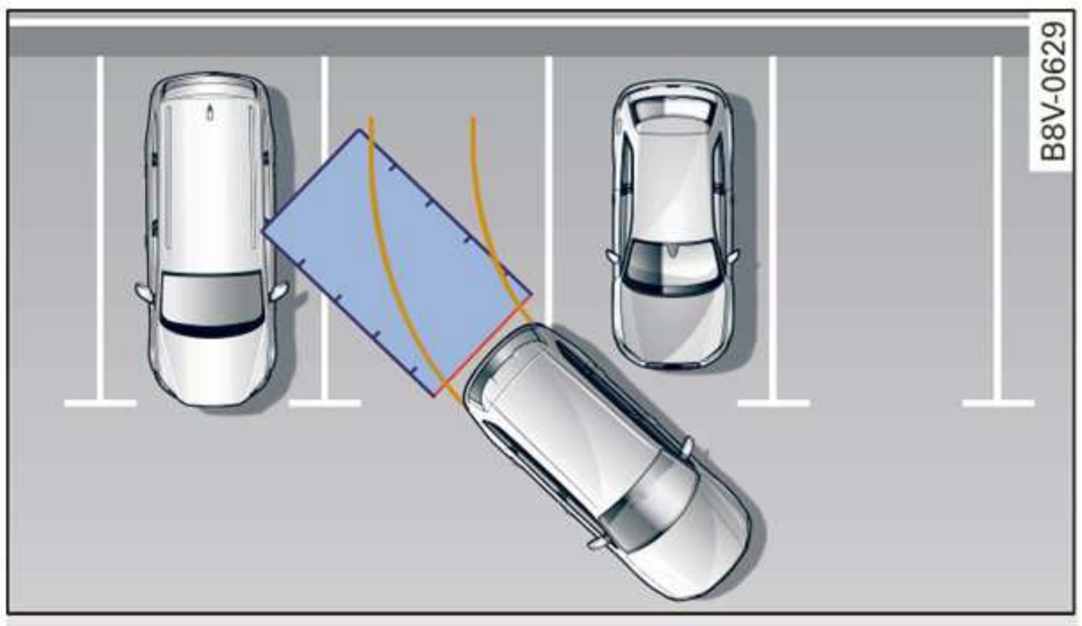


Fig. 140 Diagram: lines to aid in parking

The rearview camera helps you to park or maneuver using the orientation lines.

General information

Applies to: vehicles with rearview camera

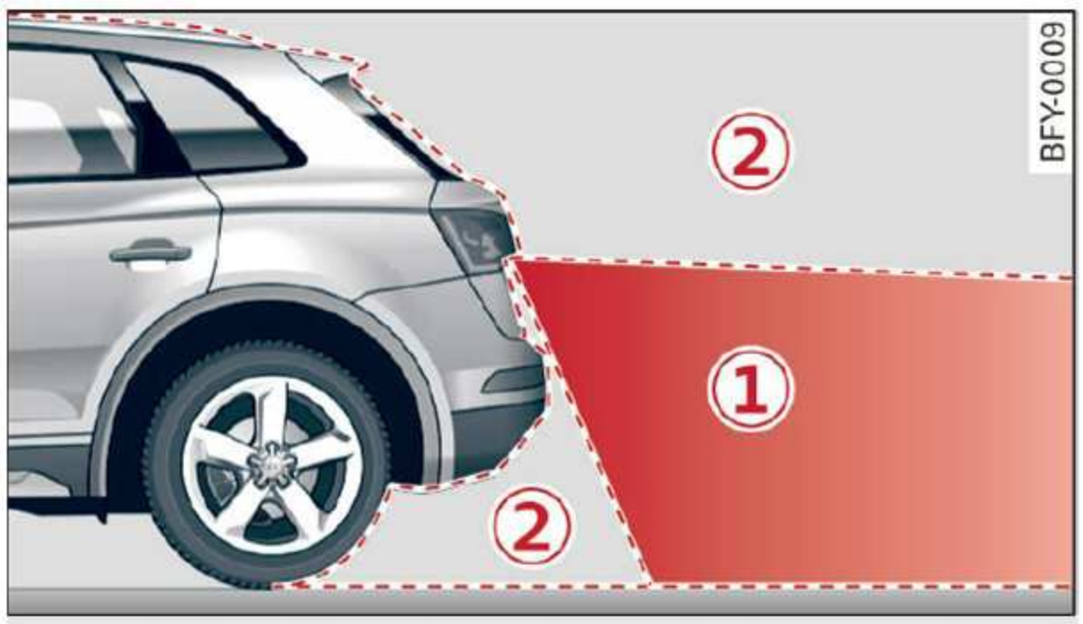


Fig. 141 Area covered ① and area not covered ② by the rearview camera.



Fig. 142 Luggage compartment lid: location of the rearview camera

The rearview camera is located above the rear license plate bracket. Make sure that the lens for the rearview camera ⇨ *fig. 142* is not covered by deposits or any other obstructions because this can impair the function of the rearview camera. For information on cleaning, see ⇨ *page 361*.

The rearview camera coverage area includes ① ⇨ *fig. 141*. Only this area is shown in the Infotainment display. Objects that are in area ②, which is not covered, are not displayed.

WARNING

– Always read and follow the applicable warnings ⇨ ⚠ *in General information on page 149*.
– If the position and the installation angle of the rearview camera was changed, for example after a collision, do not continue to use the system for safety reasons. Have it checked by an authorized Audi dealer or authorized Audi Service Facility. ▶

– Only use the rearview camera to assist you if it shows a good, clear picture. For example, the image may be affected by the sun shining into the lens, dirt on the lens, or if there is a malfunction.
– Use the rearview camera only if the luggage compartment lid is completely closed. Make sure any objects you may have mounted on the luggage compartment lid do not block the rearview camera.
– The camera lens enlarges and distorts the field of vision. The object appears both altered and inaccurate on the screen.
– In certain situations, people or objects in the display appear closer or farther away:
  – If there are objects that do not touch the ground, such as the bumper of a parked vehicle, a trailer hitch, or the rear of a truck. Do not use the orientation lines in this case.
  – If driven from a level surface onto an incline, or a downward slope.
  – If driven toward protruding objects.
  – If the vehicle is carrying too much load in the rear.
– Applies to: vehicles with air suspension: The accuracy of the orientation lines and blue surfaces decreases when the vehicle is raised or lowered ⇨ *page 145*.

Note

– Always read and follow the applicable warnings ⇨ *in General information on page 149*.
– The orange-colored orientation lines in the Infotainment display show the vehicle path based on the steering wheel angle. The front of the vehicle swings out more than the rear of the vehicle. Maintain plenty of distance so that an exterior mirror or a corner of the vehicle does not collide with any obstacles.

Tips

There is no distance warning for the rear and the sides* when trailer towing mode is detected. The front sensors remain activated. The visual display switches to trailer mode. The rearview camera image will not show the orientation lines and the blue surfaces. There is no guarantee the functions will switch off when using a retrofitted trailer hitch.

Switching on and off

Applies to: vehicles with rearview camera

Switching on and off

Requirement: the vehicle speed must be under approximately 6 mph (10 km/h).

▸ Press the P button in the center console ⇨ *page 151, fig. 139*. A short confirmation tone sounds and the LED in the button turns on.

Switching on automatically

The system switches on automatically when reverse gear is engaged while the engine is running. A brief tone will sound.

Switching off automatically

The system switches off automatically when driving forward faster than 6 mph (10 km/h).

Perpendicular parking

Applies to: vehicles with rearview camera

This view may be used when parking in a garage or in a parking space.

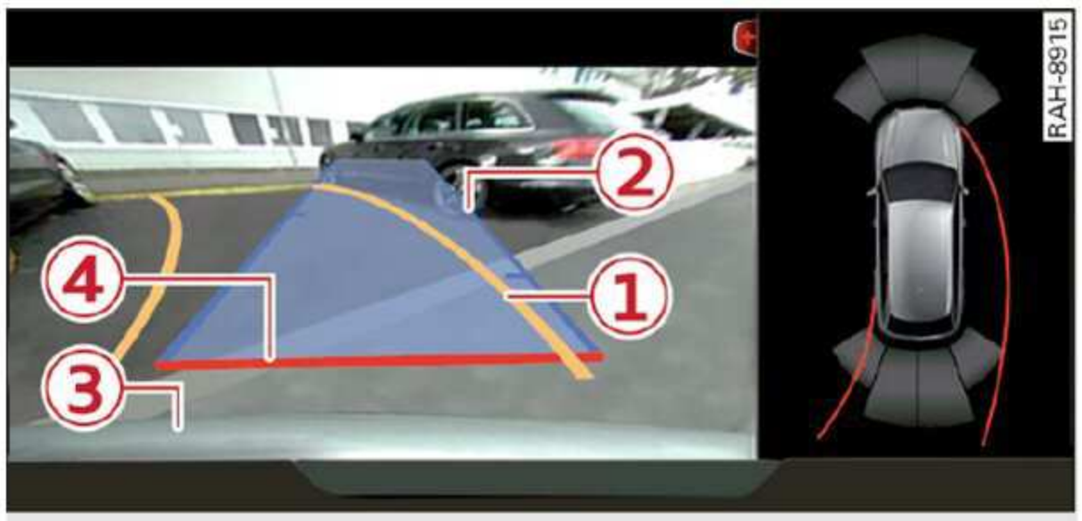


Fig. 143 Infotainment system: aiming at a parking space

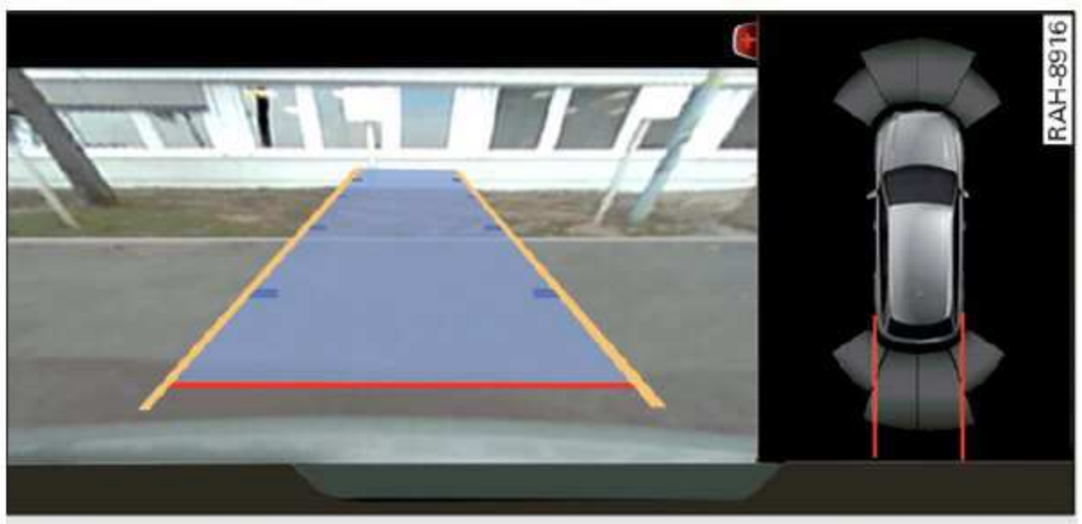


Fig. 144 Infotainment system: aligning the vehicle

- ► Turn the Infotainment system on and shift into reverse gear.
- ► The orange orientation lines ① show the vehicle's direction of travel. Turn the steering wheel until the orange orientation lines align with the parking space ⇨ *fig. 143*. Use the markings ② to help you estimate the distance to an obstacle. Each marking represents approximately 3 feet (1 m). The blue area represents an extension of the vehicle's outline by approximately 16 feet (5 meters) to the rear.
- ► While driving in reverse gear, adjust the steering wheel angle to fit the parking space using the orange orientation lines for assistance ⇨ ⚠ *in General information on page 152*, ⇨ ⓘ *in General information on page 153*. Area ③ represents the rear bumper. At the very latest, stop the vehicle when the red orientation line ④ borders an object.

Trailer view

Applies to: vehicles with rearview camera/peripheral cameras and trailer hitch

This view assists you in positioning the vehicle in front of a trailer.

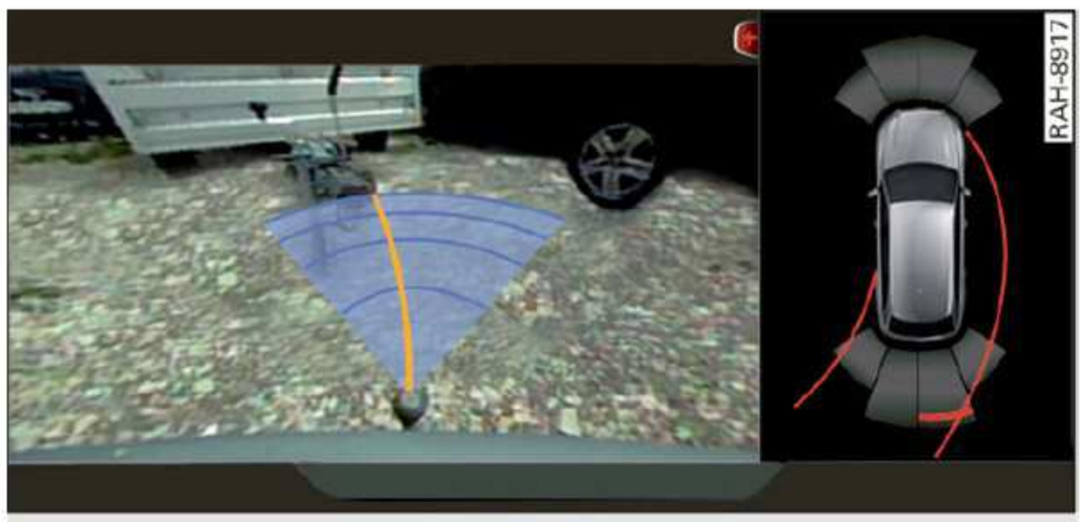


Fig. 145 Infotainment system: trailer view

Requirement: **Trailer view** must be selected ⇨ *page 162*.

- ► Now you can position your vehicle in front of the trailer ⇨ ⚠ *in General information on page 155*, ⇨ ⓘ *in General information on page 155*. The orange orientation line indicates the expected path of the trailer hitch. Use the blue lines to help you estimate the distance to the trailer hitch.

Peripheral cameras

Introduction

Applies to: vehicles with peripheral cameras

With this equipment, the parking system plus* ⇨ *page 150* or the park assist* is supplemented with various peripheral cameras. The four cameras give you the following views: area around the vehicle, front corner view and rear corner view, view in front of the vehicle and behind the vehicle.

General information

Applies to: vehicles with peripheral cameras

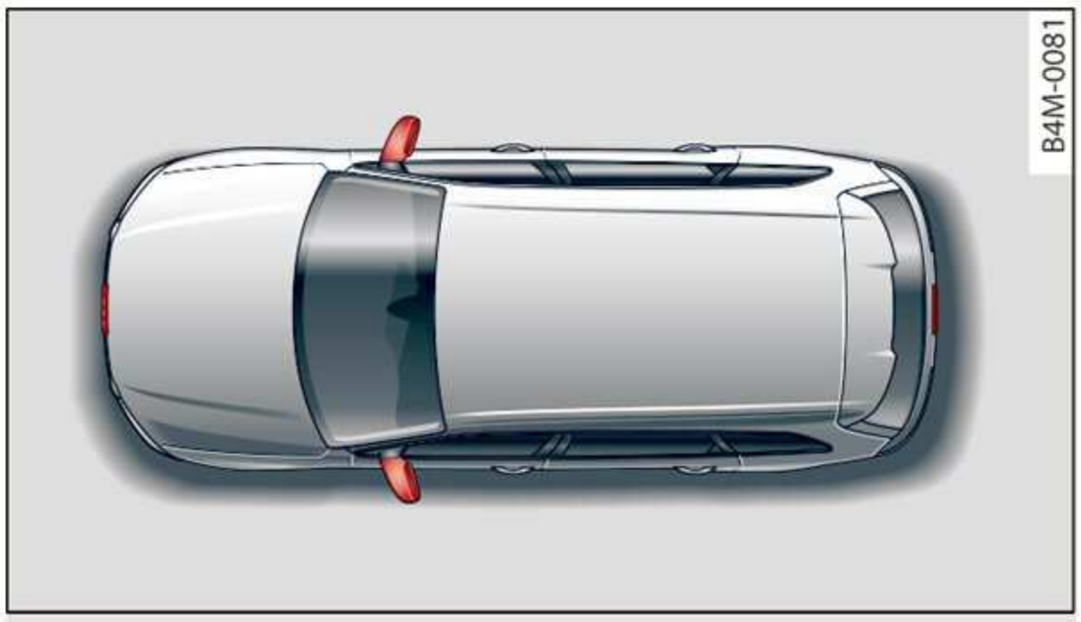


Fig. 146 Location of peripheral cameras

The four peripheral cameras are located in the radiator grille, in the luggage compartment lid and on both exterior mirrors ⇨ *fig. 146*. Make sure that the lenses are not covered by deposits or any other obstructions as this may impair the system. For information on cleaning, see ⇨ *page 361*.

Black corners are shown in the vehicle silhouette when in **Surroundings** mode. Objects in these areas are outside of the camera's field of view and are not detected.

WARNING

- Always read and follow the applicable warnings ⇨ ⚠ *in General information on page 149*.
- If the position or the installation angle of a camera was changed, for example after a collision, do not continue to use the system for safety reasons. Have it checked by an authorized Audi dealer or authorized Audi Service Facility.
- Keep in mind that the image in the display is incorrect if the exterior mirror housing has been moved out of place.
- Only use the images provided by the camera on the rear of the vehicle when the luggage compartment lid is completely closed. Make sure any objects you may have mounted on the luggage compartment lid do not block the rearview camera.
- The area around the vehicle is shown using the camera images. The vehicle image is shown by the system. Objects and obstacles above the camera are not displayed.
- Camera lenses enlarge and distort the field of vision. The objects appear both altered and inaccurate on the screen.
- Applies to: vehicles with air suspension: The accuracy of the orientation lines and blue surfaces decreases when the vehicle is raised or lowered ⇨ *page 145*.

Note

- Always read and follow the applicable warnings ⇨ ⓘ *in General information on page 149*.
- The Infotainment display shows the direction in which the rear of the vehicle is traveling based on the steering wheel angle. The front of the vehicle swings out more than the rear of the vehicle. Maintain plenty of distance so that an exterior mirror or a corner of the vehicle does not collide with any obstacles.

Tips

- If the /// symbol appears in the display and the respective display area is grayed out, then the power exterior mirrors were folded in or the driver's door/front passenger's door/luggage compartment lid was opened.
- There is no distance warning for the rear and the sides* when trailer towing mode is detected. The front sensors remain activated. The visual display switches to trailer mode. The rearview camera image will not show the orientation lines and the blue surfaces. There is no guarantee the functions will switch off when using a retrofitted trailer hitch.

Switching on and off

Applies to: vehicles with peripheral cameras

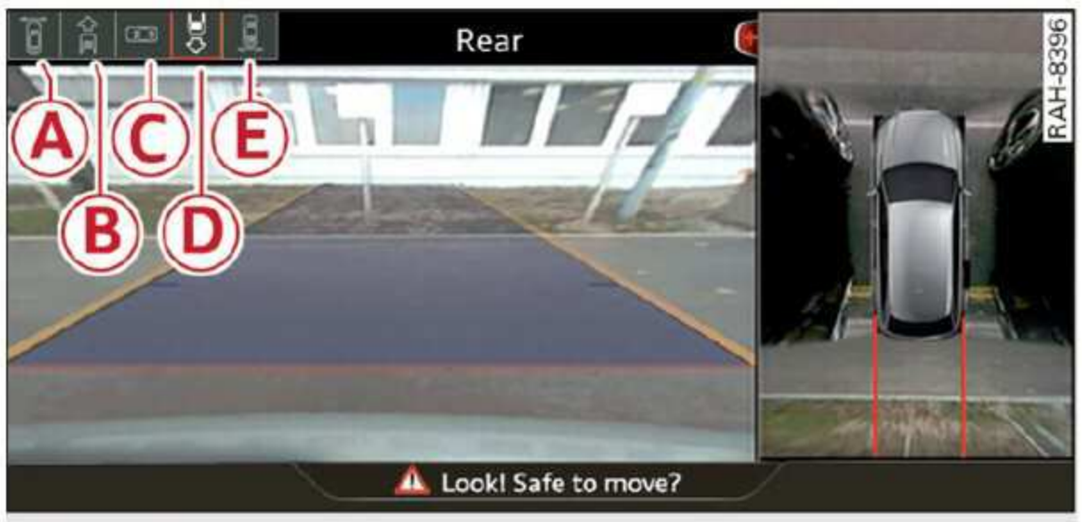


Fig. 147 Infotainment system: select the mode

Switching on and off

Requirement: the vehicle speed must be under approximately 6 mph (10 km/h).

- ▸ Press the P button in the center console ⇨ *page 151, fig. 139*. A short confirmation tone sounds and the LED in the button turns on.

Switching on automatically

The system switches on automatically when reverse gear is engaged while the engine is running. A brief tone will sound.

Switching off automatically

The system switches off automatically when driving forward faster than 6 mph (10 km/h).

Selecting the mode

- ▸ Turn the control knob to the symbol for the desired mode Ⓐ through Ⓔ ⇨ *fig. 147* and press the control knob.

You may select from the following modes:

Ⓐ - Corner view (front) ⇨ *page 156*

Ⓑ - Front ⇨ *page 156*

Ⓒ - Area ⇨ *page 157*

Ⓓ - Rear ⇨ *page 157*

Ⓔ - Corner view (rear) ⇨ *page 156*

You can also switch to trailer view ⇨ *page 154*.

Corner view (front)/corner view (rear)

Applies to: vehicles with peripheral cameras



Fig. 148 Infotainment system: Corner view (front)



Fig. 149 Infotainment system: Corner view (rear)

This view can assist you for example, when you are exiting from an area with poor visibility. The area at the front and rear sides of the vehicles is displayed.

- ▸ To show the side view toward the front, select the symbol Ⓐ ⇨ *fig. 148* with the control knob and press the control knob.
- ▸ To show the side view toward the rear, select the symbol Ⓔ ⇨ *fig. 149* with the control knob and press the control knob.

Front

Applies to: vehicles with peripheral cameras



Fig. 150 Infotainment system: front mode

This view assists you in using the full area for maneuvering in front of the vehicle. The area in front of the vehicle is displayed. The vehicle surroundings are shown in the right area of the display. ▶

You can switch between the optical display and camera image ⇨ *page 162*.

- ▸ Select the symbol Ⓑ with the control knob. The orange-colored orientation lines denote the projected direction of travel. Stop the vehicle when the red orientation line* borders an object ⇨ ⚠ *in General information on page 155*.

Surroundings

Applies to: vehicles with peripheral cameras



Fig. 151 Infotainment system: Surroundings mode

This view is ideal for maneuvering. The area around the vehicle is shown using the camera images. The vehicle image is shown by the system.

- ▸ Select the symbol Ⓒ with the control knob and press the control knob.

Rear

Applies to: vehicles with peripheral cameras



Fig. 152 Infotainment system: rear mode

This view assists you in using the full area for maneuvering behind the vehicle. The area behind the vehicle is displayed. The vehicle surroundings are shown in the right area of the display. You can switch between the optical display and camera image ⇨ *page 162*.

- ▸ Select the symbol Ⓓ with the control knob.

Perpendicular parking

Applies to: vehicles with peripheral cameras

This view may be used when parking in a garage or in a parking space.

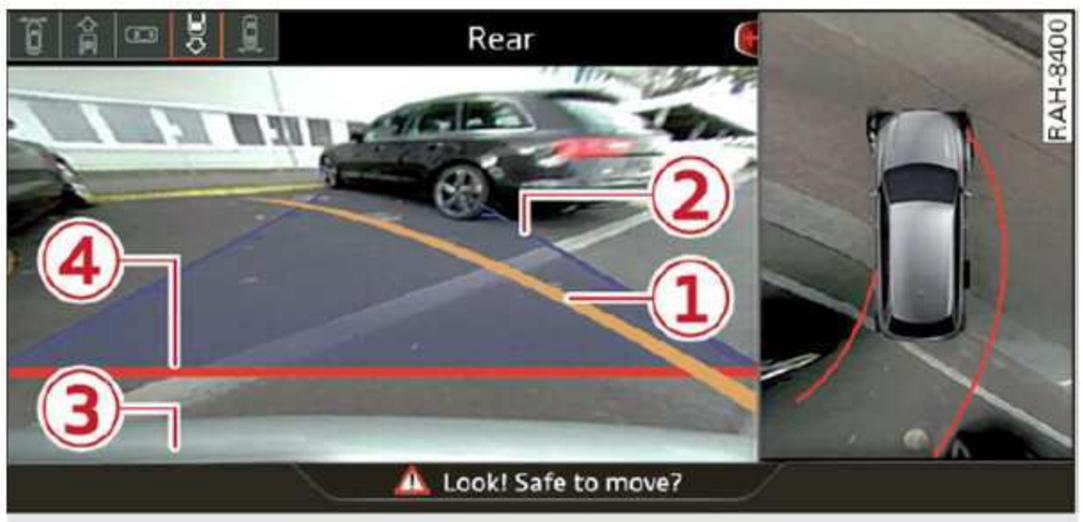


Fig. 153 Infotainment system: aiming at a parking space

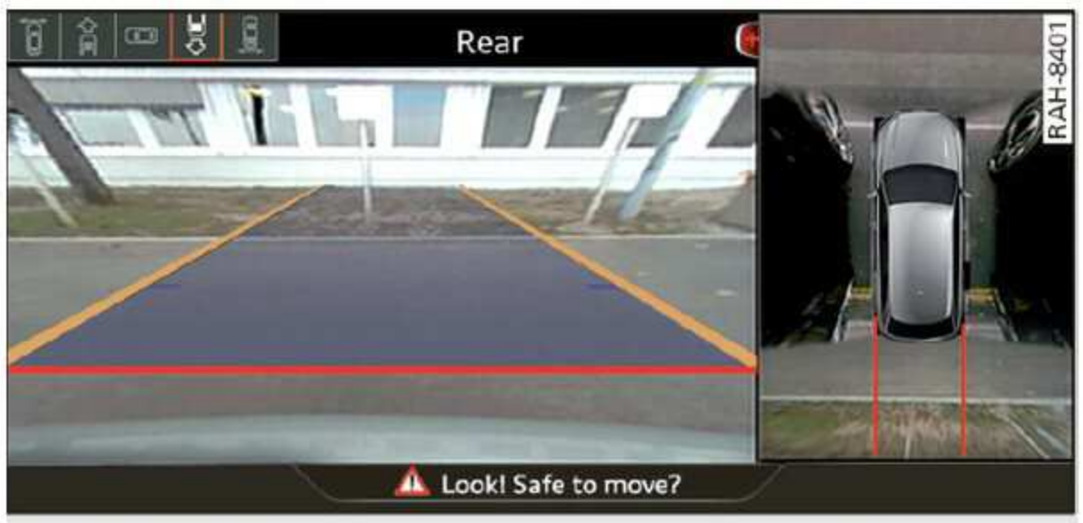


Fig. 154 Infotainment system: aligning the vehicle

- ▸ Turn the Infotainment system on and shift into reverse gear.
- ▸ The orange orientation lines ① show the vehicle's direction of travel. Turn the steering wheel until the orange orientation lines align with the parking space ⇨ *fig. 153*. Use the markings ② to help you estimate the distance to an obstacle. Each marking represents approximately 3 feet (1 meter). The blue area represents an extension of the vehicle's outline by approximately 16 feet (5 meters) to the rear.
- ▸ While driving in reverse gear, adjust the steering wheel angle to fit the parking space using the orange orientation lines for assistance ⇨ ⚠ *in General information on page 155*, ⇨ ⓘ *in General information on page 155*. Area ③ represents the rear bumper. You should stop reversing at the latest when the red orientation line ④ borders an object ⇨ ⚠ *in General information on page 152*.

Park assist

Description

Applies to: vehicles with park assist

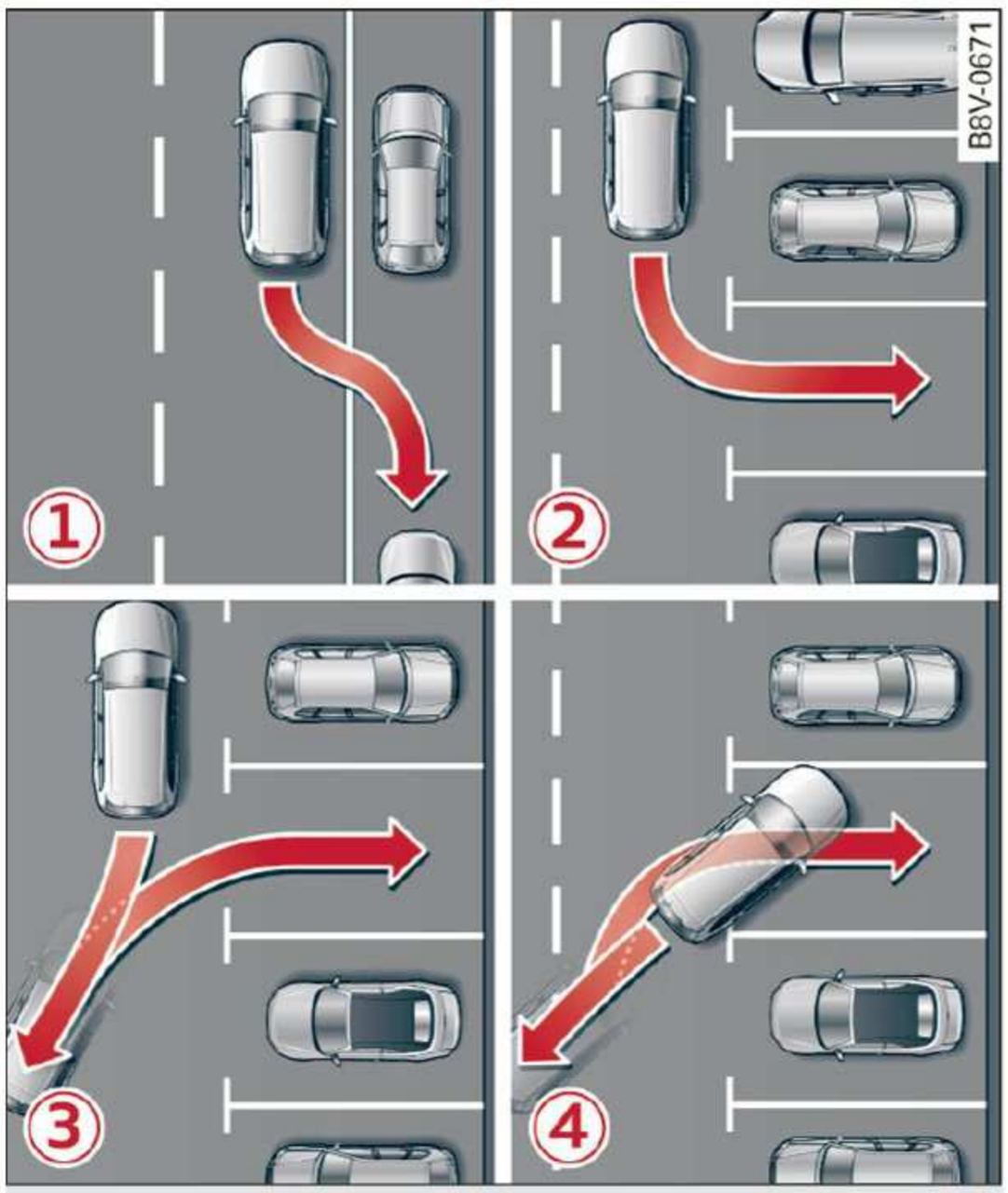


Fig. 155 Diagram: street parking options

Park assist helps you to locate suitable parking spaces and to park in them. You can back into parallel ① and perpendicular ② parking spaces and also drive forward out of parallel parking spaces. You can also drive forward into perpendicular parking spaces if you have already started driving and the front of the vehicle is in the space ④, or if you have already driven past it ③. In situation ③, the vehicle will back up, move into the correct position, and then start to drive forward into the parking space.

The parking space can be between two vehicles or behind a vehicle. The driver parks as usual with park assist controlling the steering.

The parking system plus functions ⇨ *page 150* that assist you when parking are a component of the park assist.

The park assist sensors are on the sides of the front and rear bumper. Make sure the sensors are not covered by stickers, deposits or any other obstructions as it may impair the function of the system. For information on cleaning, see ⇨ *page 361*.

When parking spaces are small, the parking system signals a continuous tone when an obstacle is less than approximately 0.7 feet (0.20 m) away. Do not continue driving farther.

WARNING

- Always read and follow the applicable warnings ⇨ ⚠ *in General information on page 149*.
- Please note that park assist only controls the steering. The driver is always responsible for braking and accelerating.
- The driver must decide if the parking space displayed is suitable for the vehicle.
- The vehicle will change position when parking. Make sure you do not endanger any other drivers.
- When using park assist to drive into or out of a parking space, the steering wheel turns quickly on its own. Reaching into the steering wheel spokes while this is happening can result in injury.

Note

- Always read and follow the applicable warnings ⇨ ⓘ *in General information on page 149*.
- Park assist guides the vehicle either away from curbs or onto them if other vehicles are parked on the curb. Make sure that your vehicle's tires and rims are not damaged. Take over steering at the right time.
- Certain conditions around the parking space may result in the vehicle not being parked as expected.
  - Objects such as pillars or posts.
  - Ground covering such as gravel, snow or ice.

Tips

- The Electronic Stabilization Control (ESC) must not be switched off during the parking process ⇨ *page 165*.
- Parking in tight curves with park assist is not possible. ▶

– You cannot park with park assist when you are towing a trailer or have the connector inserted in the trailer socket.

Switching on and off

Applies to: vehicles with park assist

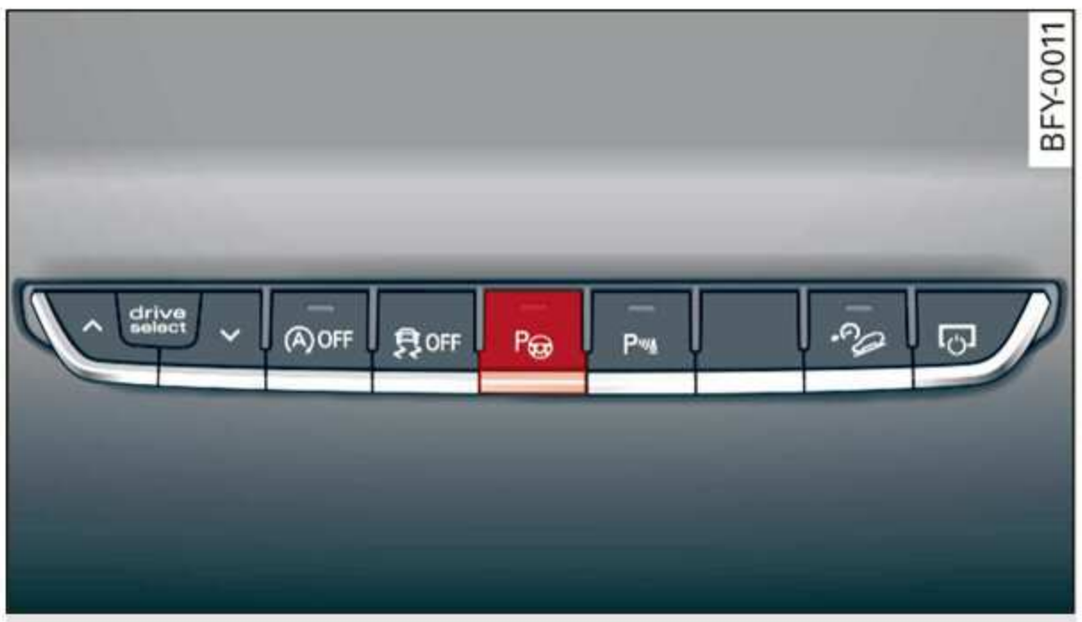


Fig. 156 Center console: park assist button



Fig. 157 Infotainment system: finding a parking space

- To switch the park assist on, press the P button ⇨ *fig. 156*. The LED in the button will turn on and the display for finding a parking space will appear in the Infotainment system ⇨ *fig. 157*.
- To switch park assist off, press the P button. The LED in the button turns off.

Tips

The system preselects a space from the available parking options as soon as a space is detected. You can change the suggested location.

Parking space search

Applies to: vehicles with park assist

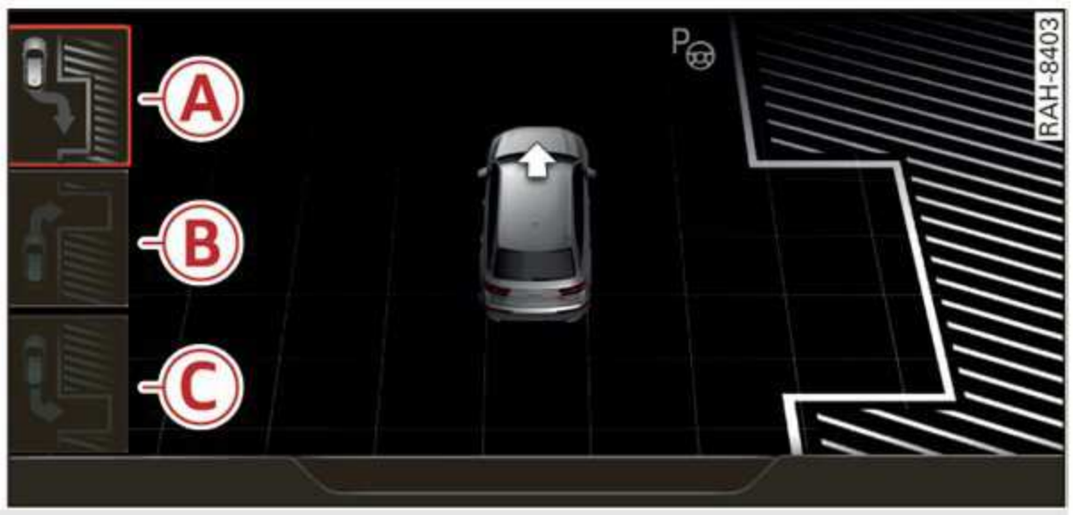


Fig. 158 Infotainment system: parking space detected



Fig. 159 Infotainment system: note to continue driving in reverse

Parallel parking is described here. The process is the same for perpendicular parking.

Searching for parking spaces

- Drive forward to the row of parking spaces at a low speed. For the best parking results, the vehicle should be approximately 3 feet (1 m) from the row of parking spaces.
- The parking space search is first done on one side of the lane. To switch the side for the parking space search, activate the turn signal for that side.

Selecting the parking space

- If the system finds a parking space that could be suitable for the vehicle length and width, it will be displayed ⇨ *fig. 158*. The system automatically suggests a parking option.
- Make sure that the parking space is suitable for your vehicle.
- To switch between parallel (A), forward perpendicular (B) or reverse perpendicular (C) parking, turn the control knob to the desired mode. Only the parking options that are currently possible are suggested.
- Drive forward until the instructions for automatic parking appear in the Infotainment ▶

system display ⇨ *fig. 159* ⇨ ⚠ *in Description on page 158*, ⇨ (!) *in Description on page 158*. As soon as the vehicle has reached the correct position, a **P** appears in the display over the selected parking space.

▸ If you would like to park using the system, follow the instructions in the Infotainment system display. Once the parking process has started, pay attention to the displays in the instrument cluster as well.

Park assist only displays parking spaces that are suitable for the length and width of the vehicle.

(!) Note

– Parking spaces classified as suitable by the system may have been detected incorrectly. The driver must decide if the parking space displayed is suitable for the vehicle.
– Certain conditions near the parking space may cause the parking process to fail, such as if the parking space is near trees or posts, or if the ground is covered, for example, with gravel, snow, or ice.

(i) Tips

– You can select a space from all of the parking options found. The possible parking space will be displayed until you are too far away from it.
– You will achieve the best results when parking if you keep your vehicle as parallel as possible to the other parked vehicles or the edge of the road.
– If you did not drive past a suitable parking space too quickly, the system can also be activated afterwards by pressing the P button and activating the turn signal.
– If suitable parking spaces are available on both sides of the road at the same time (such as on a one-way street), the direction of the turn signal can also be changed in order to use park assist.
– Park assist will switch off if your speed exceeds approximately 30 mph (50 km/h).

Starting the parking process

Applies to: vehicles with park assist

The responsibility is with the driver when parking.

Requirement: a suitable parking space must be found and selected ⇨ *page 159*. The vehicle must initially be stationary.

▸ Select the reverse gear after stopping briefly.
▸ Remove your hands from the steering wheel.
▸ Pay attention to the path of the vehicle. When the traffic situation allows, press the accelerator pedal accordingly ⇨ ⚠ *in Description on page 158*, ⇨ (!) *in Description on page 158*.
▸ Follow the visual instructions in the Infotainment system display and instrument cluster along with the warning tones until the parking process has ended. The arrows on the vehicle indicate the necessary direction of travel.

Park assist automatically steers the vehicle into the parking space while the driver presses the pedals. The maximum parking speed is 4 mph (7 km/h).

Interrupting the park assist

If the speed is too high and you take over steering, park assist switches off. To continue parking, press the P button again. The park assist displays will appear again in the Infotainment system display and the instrument cluster.

(i) Tips

You can also cancel the direction of travel specified by the system by switching between forward and reverse gears. Based on the position of the vehicle, the system then calculates the additional steering and driving directions for maneuvering.

Leaving a parallel parking space

Applies to: vehicles with park assist

The responsibility is with the driver when leaving a parking space.

If you parked the vehicle in a parallel parking space, park assist can help you drive out of it. ▸

- ▸ Start the engine.
- ▸ Press the P button ⇨ *page 159, fig. 156*.
- ▸ Wait until a message appears that requests the direction to travel in for exiting the parking space.
- ▸ Activate the appropriate turn signal. The message **Start automatic unparking procedure** appears.
- ▸ Remove your hands from the steering wheel.
- ▸ Press the control knob to start the procedure for exiting the parking space.
- ▸ Pay attention to the path of the vehicle. When the traffic situation allows, press the accelerator pedal accordingly ⇨ ⚠ *in Description on page 158*, ⇨ (!) *in Description on page 158*.
- ▸ Follow the visual instructions ⇨ *page 161* and the warning tone until the vehicle has finished exiting the parking space.
- ▸ Drive in the direction indicated by the arrows on the vehicle.
- ▸ The procedure has ended when additional corrective movements are no longer necessary. Take over steering.

Park assist automatically steers the vehicle out of the parking space while the driver presses the pedals. The maximum speed for exiting a parking space is 3 mph (5 km/h).

Interrupting the park assist

If the speed is too high and you take over steering, park assist switches off. To continue exiting the parking space, switch the engine off and on. Then press the P button again. Otherwise, leave the parking space without using park assist.

Messages

Applies to: vehicles with park assist

Park assist: canceled. Steering input by driver. Please take over steering!

Park assist was canceled because the driver took over steering. To continue parking, press the P button again.

Park assist: time limit exceeded

Park assist: canceled. Time limit exceeded. Please take over steering!

The parking process was not completed within approximately six minutes of activating park assist. To continue parking, press the P button again.

Park assist: canceled. Speed too high. Please take over steering!

The speed entering the parking space is too high. Drive no faster than 4 mph (7 km/h).

Park assist: canceled. Stabilization control (ESC) input. Please take over steering!

The ESC took action to stabilize the vehicle. Take over steering. Complete parking without using park assist or drive out of the parking space.

Park assist: currently unavailable. Stabilization control (ESC) off

The ESC was switched off. The ESC must be switched on to use park assist.

Park assist: malfunction! Please contact Service

Park assist: malfunction! Take over steering! Please contact Service.

Contact an authorized Audi dealer or authorized Audi Service Facility. You cannot park with park assist if there is a system malfunction.

Park assist: currently unavailable

Park assist: currently unavailable. Please take over steering!

Parking with park assist is not possible. Try parking again or switch the ignition off and back on again if necessary.

Park assist: ended. Please take over steering and continue driving

The process of exiting the parking space with park assist has ended. Please take over steering.

Park assist: canceled. Parking space too small. Please take over steering!

Parking in this space with park assist is not possible. Park without using park assist or find a larger parking space.

Park assist: canceled. Obstacle detected. Please take over steering! ▶

Parking with park assist was stopped because the vehicle could collide with an obstacle.

Park assist: ended

Park assist: ended. Please take over steering!

Parking with park assist has ended.

Park assist: unavailable in current Audi drive select mode

Park assist: canceled. Unavailable in current Audi drive select mode. Please take over steering!

Park assist is not available in **Lift / Offroad*** or **Allroad*** mode. Select a different mode in drive select ⇨ *page 145*.

Park assist: stabilization control (ESC) input

The displayed parking space was rejected because the ESC took action to stabilize the vehicle.

Park assist: currently unavailable. Trailer mode

You cannot park with park assist when you are towing a trailer.

Park assist: not stopped long enough

After engaging the reverse gear, park assist must stop briefly in order to activate the steering. Follow the instructions in the instrument cluster or the Infotainment system display.

Park assist: canceled. Unable to leave parking space automatically. Parking space too small

The parking space is too small for the vehicle to automatically leave the space. Leave the parking space without using park assist.

Park assist: canceled. Please take over steering!

Parking with park assist was stopped.

Park assist: not available when using a rear carrier

You cannot park with park assist when you are towing a trailer or when a rear carrier is attached.

Adjusting the parking aid

Applies to: vehicles with a rear parking system/parking system plus/rearview camera/peripheral cameras/park assist.

The functions are adjusted in the Infotainment system.

- Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Driver assistance** > **Parking aid**. Or
- When the parking aid is active, select in the Infotainment system: right control button*.

End system* - Stop the parking aid

Activate automatically* - Switch automatic activation on and off

Front volume* - Volume for the front and side* area

Rear volume - Volume for the rear area

Entertainment fader - The volume of the audio/video source is lowered when the parking system is turned on.

View* - Switch between an optical display (**Graphic**) and camera image (**Camera**) on the side of the display.

Trailer view* - Show trailer view

Automatic front/rear camera changing* - The view behind the vehicle (**Rear** mode) is displayed automatically when you shift into reverse gear. The view in front of the vehicle (**Front** mode) is displayed automatically when you shift into the forward gears. When first activating in a forward gear with the P button, the front side view is displayed (**Corner view (front)** mode).

If you do not set the ✓, the view behind the vehicle (**Rear** mode) is always displayed and it does not switch to the **Front** mode when a forward gear is selected.

Tips

- Several menus can be accessed with the right control button only when the parking aid is active.
- Certain settings are automatically stored and assigned to the vehicle key being used. ▶

– The new level is demonstrated briefly* when the volume is adjusted.

Error messages

Applies to: vehicles with a rear parking system/parking system plus/rearview camera/peripheral cameras/park assist.

Rear parking aid: malfunction! Obstacles cannot be detected

Front parking aid: malfunction! Obstacles cannot be detected

Parking aid: malfunction! Obstacles cannot be detected

When one of these messages appears, there is a system malfunction. The LED in the button also blinks when switching it on. The relevant message only appears again when you manually activate the parking aid with the button.

Rear parking aid: obstacle detection restricted

The rear cross-traffic assist* ⇨ *page 144, Rear cross-traffic assist* is not available. Either the ESC is switched off, or the radar sensors may be covered by a bike rack, stickers, leaves, snow or other objects. Switch the ESC on, or clean the area in front of the sensors if necessary ⇨ *page 141, fig. 131*. If this message continues to be displayed, drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Parking system plus*/Park assist*

If a sensor or speaker is faulty, the symbol will appear in front of/behind the vehicle in the Infotainment system display. If a rear sensor is faulty, only obstacles that are in areas ① and ② are displayed ⇨ *page 150, fig. 137*. If a front sensor is faulty, only obstacles that are in areas ③ and ④ will be displayed.

Peripheral cameras*

There is a system malfunction if the symbol appears and the corresponding area of the display is shown in black. The camera is not working in this area.

Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Intelligent Technology

Electronic Stabilization Control (ESC)

Description

Electronic Stabilization Control (ESC) supports driver safety. It reduces the risk of slipping and improves driving stability. ESC detects critical situations, such as if the vehicle is oversteering or understeering, or if the wheels are spinning. The brakes are applied or the engine torque is reduced in order to stabilize the vehicle. When the ESC engages, the  indicator light blinks in the instrument cluster.

The following systems are integrated in the ESC:

Anti-lock braking system (ABS)

ABS prevents the wheels from locking when braking. The vehicle can still be steered even during hard braking. Apply steady pressure to the brake pedal. Do not pump the pedal. A pulsing in the brake pedal indicates that the system is acting to stabilize the vehicle.

Brake assist system

The brake assist system can decrease braking distance. It increases braking power when the driver presses the brake pedal quickly in emergency situations. You must press and hold the brake pedal until the dangerous situation is over. In vehicles with adaptive cruise control*, the brake assist system is more sensitive if the distance detected to the vehicle driving ahead is too small.

Anti-Slip Regulation (ASR)

ASR reduces drive power when the tires begin spinning and adapts the power to the road conditions. This will increase the driving stability.

Electronic Differential Lock (EDL)

The EDL applies the brakes to wheels that are slipping and transfers the drive power to the other wheels. This function is not available at higher speeds.

In extreme cases, EDL automatically switches off to keep the brake on the braked wheel from overheating. The vehicle is still functioning correctly. EDL will switch on again automatically when conditions have returned to normal.

Power steering

The ESC can also support vehicle stability through steering.

Selective wheel torque control

Selective wheel torque control is used when driving on curves. Braking is targeted toward the wheels on the inside of the curve as needed. This allows more precise driving in curves.

Automatic post-collision braking system

The automatic post-collision braking system can help to reduce the risk of sliding and of additional collisions after an accident. If the airbag control module detects a collision, the vehicle is braked by the ESC.

The vehicle does not brake automatically if one of the following occurs:

– The driver presses the accelerator pedal
– The ESC, the brake system, or the vehicle electrical system is not functioning

WARNING

– The ESC and its integrated systems cannot overcome the limits imposed by natural physical laws. This is especially important on slippery or wet roads. If the systems begin acting to stabilize your vehicle, you should immediately alter your speed to match the road and traffic conditions. Do not let the increased safety provided tempt you into taking risks. This could increase your risk of a collision.
– Please note the risk of a collision increases when driving fast, especially through curves and on slippery or wet roads, and when driving too close to objects ahead. There is still a risk of accidents because the ESC and its integrated systems cannot always prevent collisions.
– Accelerate carefully when driving on smooth, slippery surfaces such as ice and snow. The drive wheels can spin even when ▶

these control systems are installed and this can affect driving stability and increase the risk of a collision.

– Applies to: Vehicles with roof racks supplied by the factory When installing a factory-supplied roof rack system on the roof rail, the ESC will use sensors to adapt itself to the different center of gravity if it changes because of carrying a load. This does not occur when using other roof rack systems, so the risk of an accident will increase.

Tips

– The ABS and ASR only function correctly when all four wheels have a similar wear condition. Different tire sizes can lead to a reduction in engine power.
– You may hear noises when the systems described are working.

Switching on and off

The ESC is automatically switched on when the ignition is switched on.

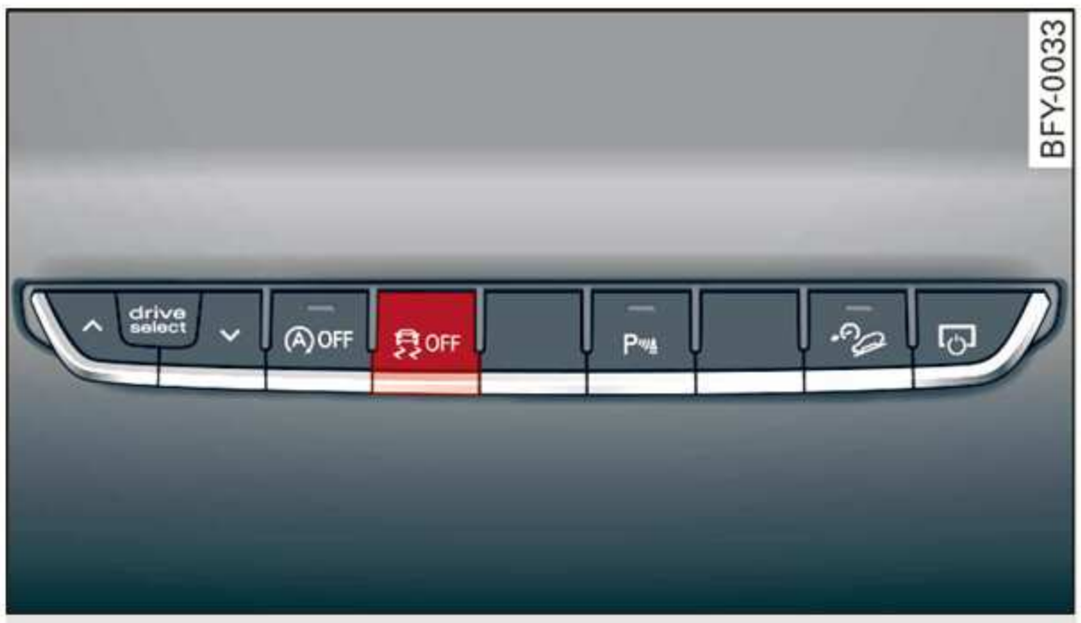


Fig. 160 Center console with the OFF button

The ESC is designed to function in levels. Depending on the level that is selected, the stabilization function of the ESC will be limited or switched off. The amount of stabilization control will differ depending on the level.

The following examples are unusual situations where it may make sense to switch offroad mode on to allow the wheels to spin:

– Rocking the vehicle to free it when it is stuck
– Driving in deep snow or on loose ground
– Driving with snow chains
– Driving on rough terrain when much of the car's weight is lifted off the wheels (axle articulation)
– Driving downhill while braking on loose ground

For your safety, switch the offroad mode off in advance.

ESC levels

	Offroad mode on	ESC/ASR off	Offroad mode off or ESC/ASR on
Behavior	The ESC and ASR stabilization functions are limited ⇨ ⚠.	The stabilization function is not available ⇨ ⚠. ESC and ASR are switched off.	The full stabilization function of the ESC and ASR is available again.
Operation	Press the OFF button briefly.	Press and hold the OFF button longer than three seconds.	Press the OFF button again.
Indicator lights	OFF turns on.	OFF and **ESC OFF** turn on.	OFF turns off or OFF and **ESC OFF** turn off.
Messages	**Stabilization control (ESC): offroad. Warning! Limited stability**	**Stabilization control (ESC): off. Warning! Restricted stability**	**Stabilization control (ESC): on**

WARNING

You should only switch offroad mode on or switch ESC/ASR off if your driving abilities and the traffic conditions permit. There is a risk of sliding.

– The stabilization function is limited when offroad mode is switched on. The driving wheels could spin and the vehicle could swerve, especially on slick or slippery road surfaces.
– There is no vehicle stabilization when ESC/ASR are switched off.

Tips

– If the ESC is limited, switched off, or malfunctioning, systems with an automatic braking intervention function may not be fully available.
– If malfunctions occur in other systems or certain driver assist systems are active, the ESC must be switched on by the system. The ESC may switch on automatically and cannot be operated with the button.

Steering

Description

Electromechanical steering supports the driver's steering movements by electronically adapting the power steering depending on the vehicle speed. The settings depend on the selected Audi drive select* mode.

Dynamic steering

Applies to: vehicles with dynamic steering

The driving dynamic and driving stability are increased by the steering ratio based on the speed. At reduced speeds, steering is direct in order to provide agile steering behavior and keep the steering effort as minimal as possible when the driver is maneuvering the vehicle. This sets the steering to be less sensitive at higher speeds in order to provide improved vehicle control.

Messages

Steering: malfunction! Please stop vehicle

The power steering may have failed. Adapt your driving style immediately to compensate for the fact that it may be more difficult to turn the steering wheel, and stop your vehicle in a safe location as soon as possible. Do not continue driving. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Steering: malfunction! You can continue driving

There is a malfunction. Steering may be more difficult or more sensitive. Adapt your driving style. Have the steering system checked immediately by an authorized Audi dealer or authorized Audi Service Facility. Please note that the red indicator light may turn on after restarting the engine. Do not continue driving if it does.

Dynamic steering: correcting steering wheel position

The steering is reinitializing. The steering wheel will move easily after starting the vehicle. Reinitialization might be necessary if the steering wheel was moved while the engine was switched off. The display turns off if the initialization was successful.

Tips

– If there is a malfunction, the steering wheel may be crooked when driving straight.
– If the or indicator light only stays on for a short time, you may continue driving.

All wheel drive (quattro)

Description

The all-wheel drive system distributes the driving power variably to the front and rear axle to improve the driving characteristics. It works together with selective wheel torque control, which can activate when driving through curves ⇨ *page 164*.

Applies to: vehicles with quattro ultra: If the driving situation does not require all wheel drive, then the rear section of the drivetrain will decouple and thus save fuel. The system constantly determines and anticipates if all wheel drive is ▶

needed. This allows the rear drivetrain to recouple shortly before it is needed.

The all wheel drive concept is designed for high engine power. Your vehicle is exceptionally powerful and has excellent driving characteristics both under normal driving conditions and on snow and ice. Always read and follow safety precautions ⇨ ⚠.

⚠ WARNING

– Even in vehicles with all wheel drive, you should adapt your driving style to the current road and traffic conditions to reduce the risk of an accident.
– The braking ability of your vehicle is limited to the traction of the wheels. In this way, it is not different from a two wheel drive vehicle. Do not drive too fast because this increases the risk of an accident.
– Note that on wet streets, the front wheels can “hydroplane” if driving at speeds that are too high. Unlike front wheel drive vehicles, the engine RPM does not increase suddenly when the vehicle begins hydroplaning. Adapt your speed to the road conditions to reduce the risk of an accident.

Sport differential

Applies to: vehicles with sport differential

The sport differential distributes the drive power to the rear axle based on the situation. The goal is a high level of agility and ability to accelerate on curves. The vehicle is very responsive to steering. The settings depend on the selected Audi drive select* mode.

Energy management

Your vehicle is equipped with an intelligent energy management system for distributing electricity. This significantly improves the starting ability and increases the vehicle battery life.

Tips

– If you drive short distances frequently, the vehicle battery may not charge enough while driving. As a result, convenience functions for electrical equipment may be temporarily unavailable.
– The vehicle battery will gradually drain if the vehicle is not driven for long periods of time, or if electrical equipment is used when the engine is not running. To ensure that the vehicle can still be started, the electrical equipment will be limited or switched off.

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Multi Media Interface

Traffic safety information

Audi recommends performing certain Infotainment system functions, such as entering a destination, only when the vehicle is stationary. Always be prepared to stop operating the Infotainment system in the interest of your safety and the safety of other road users.

WARNING

Only use the Infotainment system when road, traffic, weather, and visibility conditions permit and always in a way that allows you to maintain complete control over your vehicle.

Tips

Certain functions are not available while driving.

Introduction

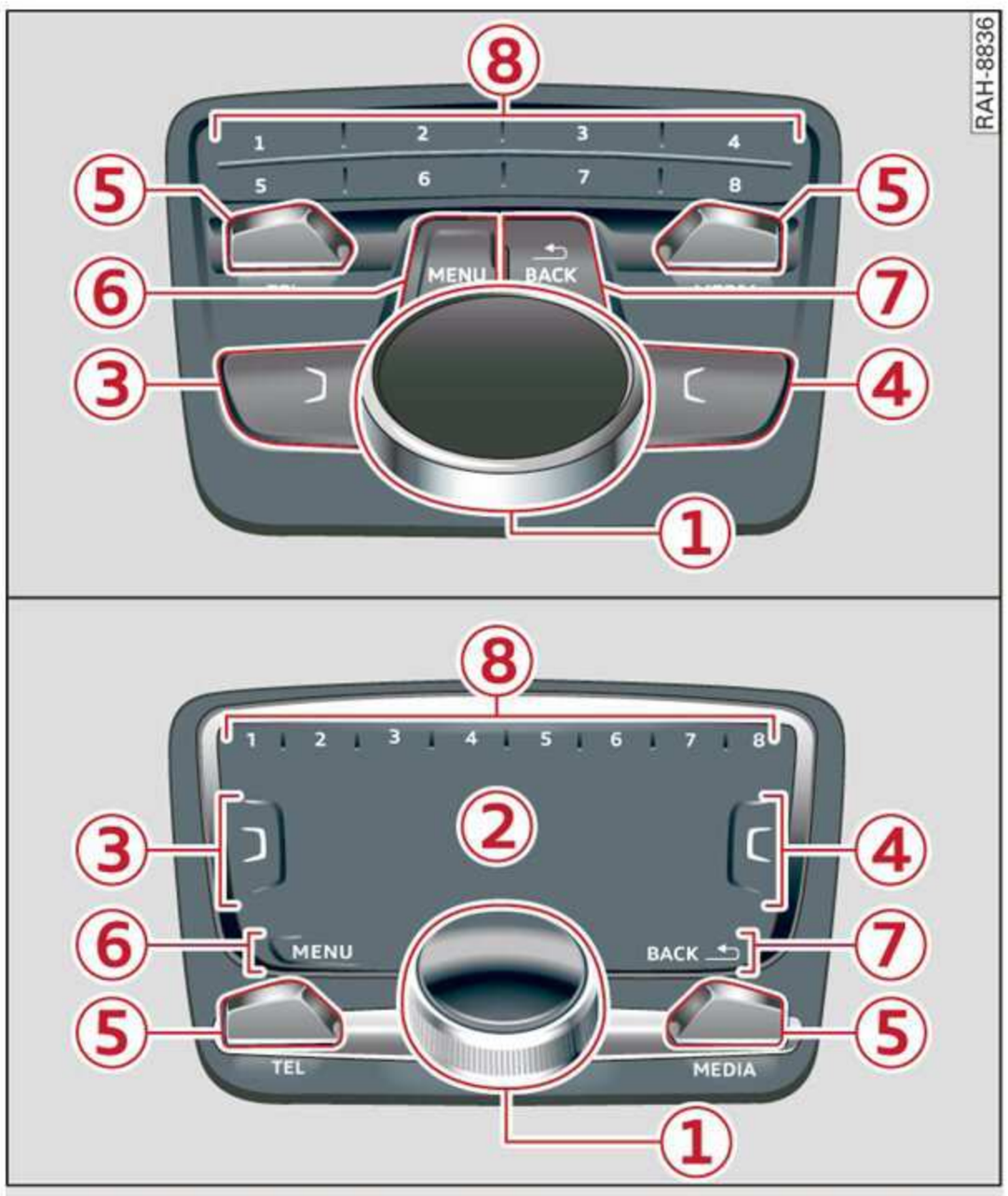


Fig. 161 MMI control panel: integrated shortcut keys. Top: without MMI touch Bottom: with MMI touch

The Multi Media Interface, or MMI for short, combines various systems for communication, navigation* and entertainment in your Audi. You can operate the MMI using the MMI control panel, the multifunction steering wheel or the voice recognition system*.

MMI control panel overview

① Control knob with joystick function .170, 174
② MMI touch control pad* 172
③ Left control button 171
④ Right control button 171
⑤ Buttons for opening menus directly . 170
⑥ MENU button 170
⑦ BACK button 170
⑧ Shortcut keys 176

MMI On/Off knob with joystick function

Operating



Fig. 162 MMI control panel: On/Off knob with joystick function

Switching the MMI on/off: the MMI can be switched on/off manually.

Switching on manually

- Press the On/Off knob briefly ① ⇨ *fig. 162*, or:
- Press the MENU button ⑥ ⇨ *page 168, fig. 161* or one of the buttons to open the menus directly ⑤.

Switching off manually

- Press and hold the On/Off knob ① ⇨ *fig. 162* until the MMI switches off.

If the MMI has been switched off manually, it does *not* switch on again automatically the next time the ignition is switched on. ▶

Additional functions

- **Adjusting the volume**: turn the On/Off knob (1) ⇨ *fig. 162*.
- **Muting**: press the On/Off knob (1) ⇨ *fig. 162* briefly.
- **Selecting the previous/next function (for example, a radio station/track)**: press the On/Off knob (1) ⇨ *fig. 162* briefly toward the left ⏮ or right ⏭.
- **Fast forwarding/rewinding (for example songs)**: press and hold the On/Off knob (1) ⇨ *fig. 162* toward the left ⏮ or right ⏭.

WARNING

To reduce the risk of an accident, adjust the volume of the audio systems so that signals outside of the vehicle, such as police and fire sirens, can be heard easily at all times.

Tips

The MMI switches off automatically if the engine is not running and the vehicle battery is low.

Infotainment system display

Switching on/off

- Press the ⏻ button to switch the Infotainment system on and off.

When the MMI is switched on and the display is switched off, you can operate certain functions using the On/Off knob with the MMI joystick function ⇨ *page 168*.

Tips

There may be delays when switching on the display.

Information on display images



Fig. 163 Infotainment system: Display version A



Fig. 164 Infotainment system: Display version B

The display version depends on vehicle equipment.

Additional content (such as album cover and map material) is shown on display version B, if applicable (1). Because the other content shown on the displays is nearly identical between the two versions, this manual will primarily describe display version A.

MMI operation

Selecting and confirming a function



Fig. 165 Control knob: operation

Selecting and confirming a function in a menu/list

- **Selecting a function**: turn the control knob ① to the desired function (such as selecting a frequency).
- **Confirming a selection**: press the control knob ②.

Returning to functions at higher levels

- Press the BACK button ⑦ ⇨ *page 168, fig. 161*.

Opening the main menu/menu



Fig. 166 Infotainment system: Main menu

Opening the main menu

- Press the MENU button ⑥ ⇨ *page 168, fig. 161*. The MMI menus (such as **Radio**) are displayed ⇨ *fig. 166*.

Then you can select and confirm a function using the control knob.

Opening a menu directly

- Press the applicable button to directly open the menus ⑤ ⇨ *page 168, fig. 161* in the direction of the desired menu (such as RADIO).

Then you can select and confirm a function using the control knob.

Opening the selection menu/options menu with the control buttons

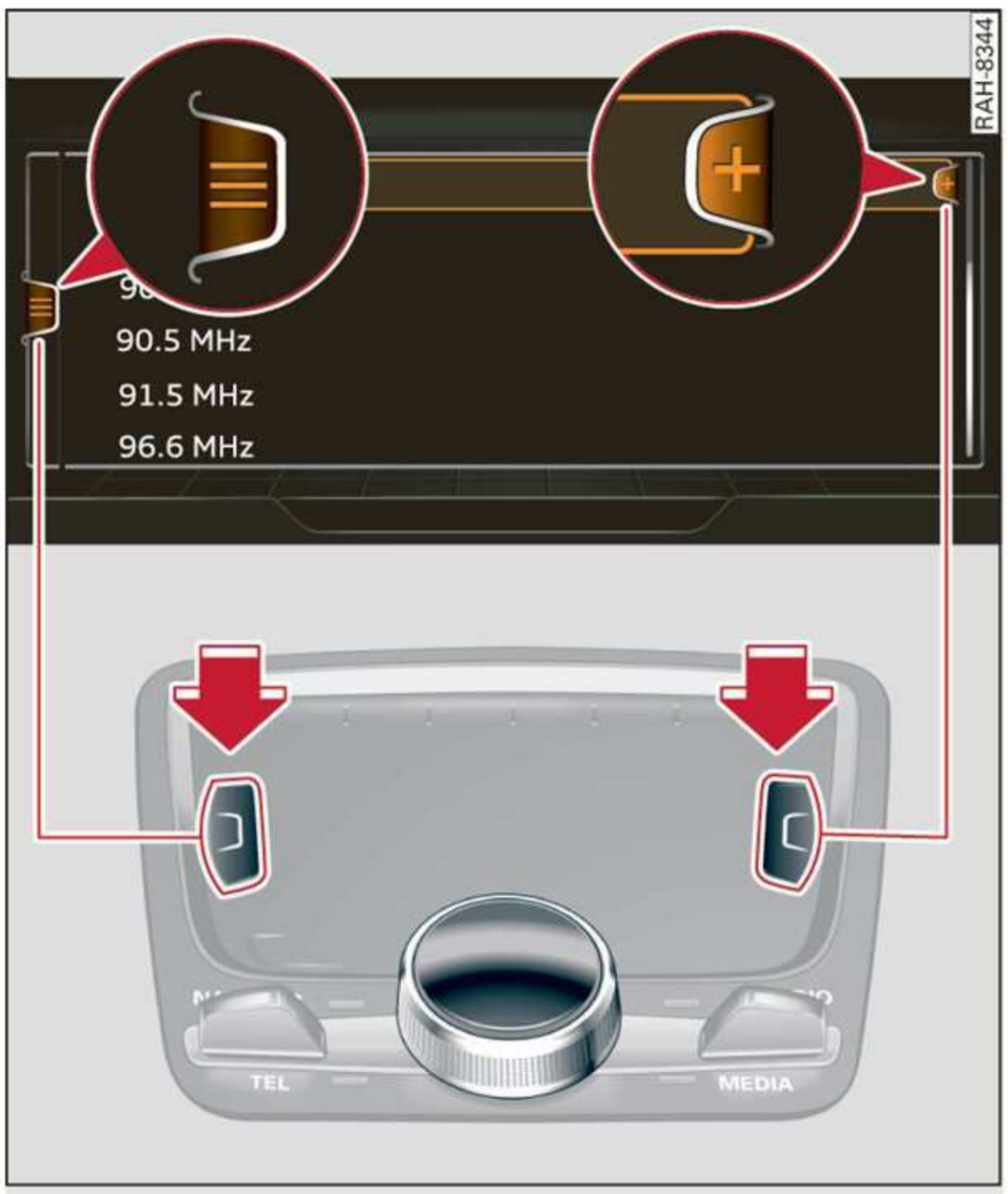
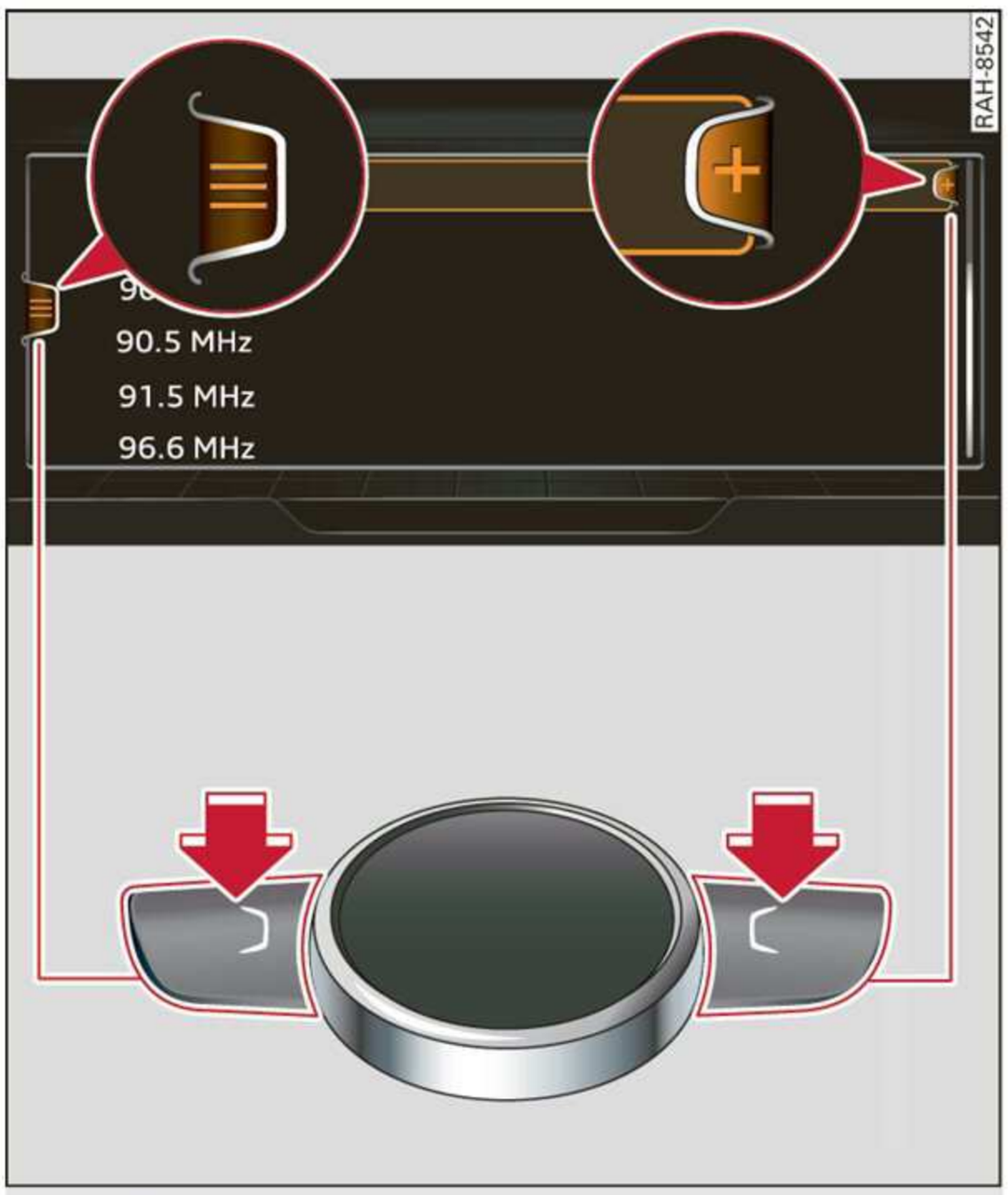


Fig. 167
Applies to: MMI control panel with integrated control buttons on the MMI touch control pad
MMI control panel: Control buttons



Applies to:
Fig. 168 ○
-MMI control panel with separate control buttons on the MMI control panel-
MMI control panel: Control buttons

Selection menu: through the selection menu, you can open additional functions within a menu item (such as **Radio**).

Requirement: the selection menu symbol must be displayed in the Infotainment system display ⇨ *fig. 168*.

Opening and closing the selection menu: press the left control button ⇨ *fig. 168*. Then you can select and confirm a function using the control knob.

Options menu: using the options menu, you can select and confirm context-dependent functions as well as settings within a menu item (such as **Radio**).

Requirement: the options menu symbol [+] must be displayed in the Infotainment system display ⇨ *fig. 168*.

Opening and closing the options menu: press the right control button ⇨ *fig. 168*. Then you can select and confirm a function using the control knob.

Information about menu paths

This guide shows you at a glance the paths for opening a desired menu and its settings and functions.

Example of a path

- Select: [RADIO] button > left control button > **FM**.

Following the path

- Press the [RADIO] button.
- Press the left control button.
- Turn the control knob to the **FM** menu item to select it.
- Press the control knob to confirm the selected **FM** menu item.
- The selected and confirmed function is executed. In this example, the **FM** frequency band is set.

MMI touch

MMI touch control pad

Applies to: vehicles with MMI touch



Fig. 169 MMI touch: Entering a navigation destination

You can enter data using handwriting recognition on the MMI touch control pad.

The MMI touch control pad is located between the control buttons ⇨ *fig. 169*.

Entering numbers, letters, and symbols

Applies to: vehicles with MMI touch



Fig. 170 Infotainment system: Display when MMI touch is active

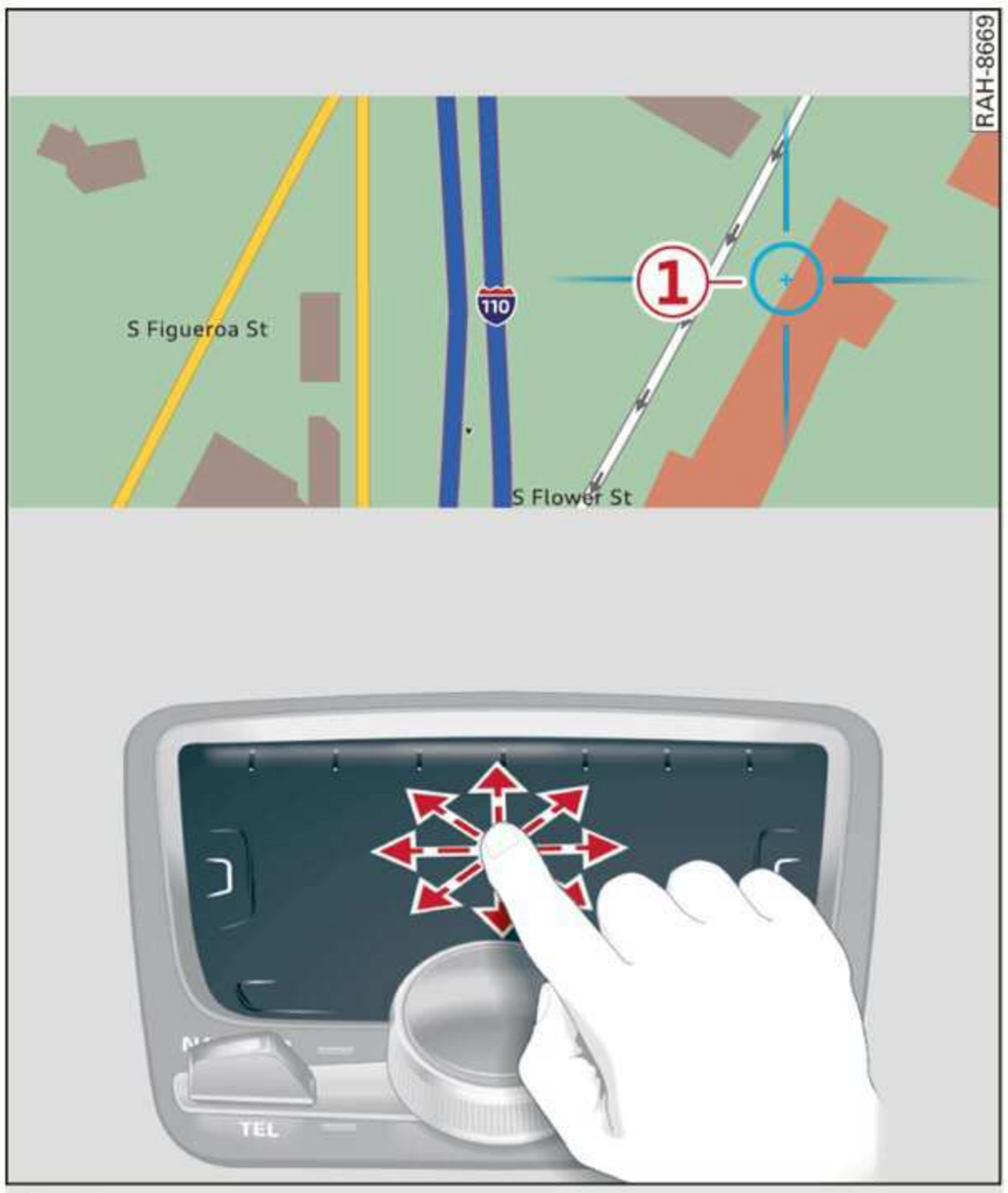
The MMI touch allows you to enter data on the MMI touch control pad using handwriting recognition.

Requirement: it must be possible to enter text or numbers and the symbol (1) must appear in the Infotainment system display.

- **Initial entry**: write an individual upper case or lower case letter or number/symbol on the MMI touch control pad using your finger. A symbol that is recognized clearly by the system is displayed in the Infotainment system display (1) ⇨ *page 172, fig. 169*, confirmed with an audible signal if necessary, and transferred to the input field.
- **Entering spaces**: move your finger across the MMI touch control pad from left to right.
- **Deleting characters**: move your finger across the MMI touch control pad from right to left.
- **Selecting the input suggestion**: press the control knob.
- **Switching directly to the results list**: turn the control knob to the right.
- **Opening the speller**: select the right control button > **Open speller**. Text or numbers are entered using the speller ⇨ *page 176*.
- **MMI touch volume**: press the right control button ⇨ *page 266*.

Moving the crosshairs

Applies to: vehicles with MMI touch



Applies to:

Fig. 171

-Vehicles with automatic transmission and MMI touch- MMI touch: moving the crosshairs

Requirement: a map must be displayed ⇨ *page 228*.

Showing and hiding the crosshairs

- ▸ Press the control knob to show the crosshairs ① ⇨ *fig. 171*, or:
- ▸ Press on the MMI touch control pad.
- ▸ Press the BACK button ⑦ ⇨ *page 168, fig. 161* to hide the crosshairs again.

Moving the crosshairs on the map

- ▸ When the crosshairs are visible, drag one finger in the desired direction across the MMI touch control pad ⇨ *fig. 171*.

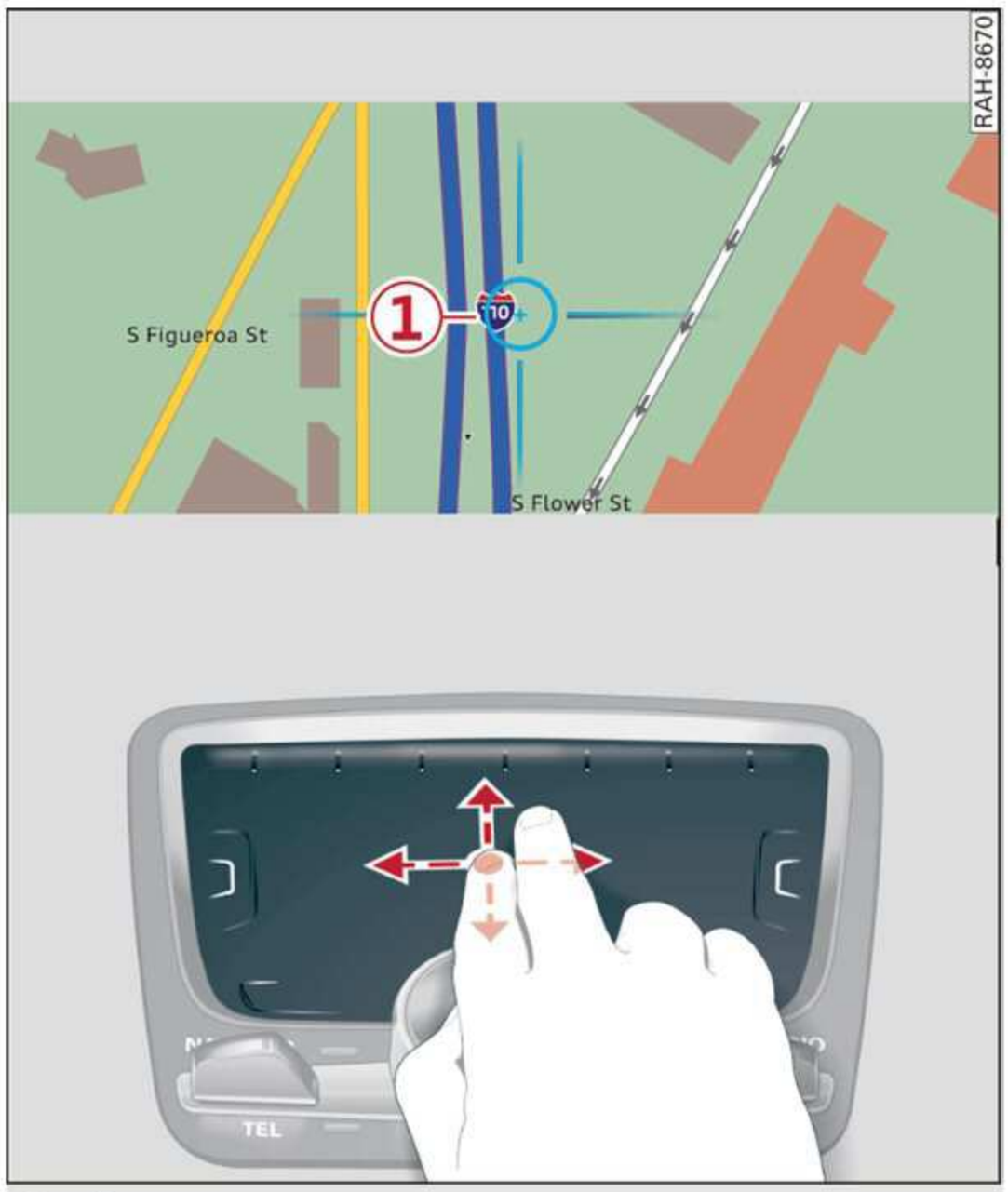
Moving the crosshairs quickly

- ▸ When the crosshairs are visible ① ⇨ *fig. 171*, swipe your finger quickly across the MMI touch control pad in the desired direction ⇨ *fig. 171*.

The crosshairs will come to a stop after several seconds.

Moving the map

Applies to: vehicles with MMI touch



Applies to:

Fig. 172

-Vehicles with automatic transmission and MMI touch- MMI touch: moving the map

Requirement: a map must be displayed ⇨ *page 228*.

Showing and hiding the crosshairs

Applies to: vehicles with automatic transmission and manual transmission with MMI touch

- ▸ Press the control knob or press on the MMI touch control pad to show the crosshairs ① ⇨ *fig. 172*.
- ▸ To hide the crosshairs, press the BACK button ⑦ ⇨ *page 168, fig. 161* or press the BACK button ⑦.

Moving the map quickly

Applies to: vehicles with automatic transmission and manual transmission with MMI touch

- ▸ When the crosshairs are visible, swipe two fingers quickly across the MMI touch control pad in the desired direction ⇨ *fig. 172*, or:

The map will come to a stop after several seconds. ▶

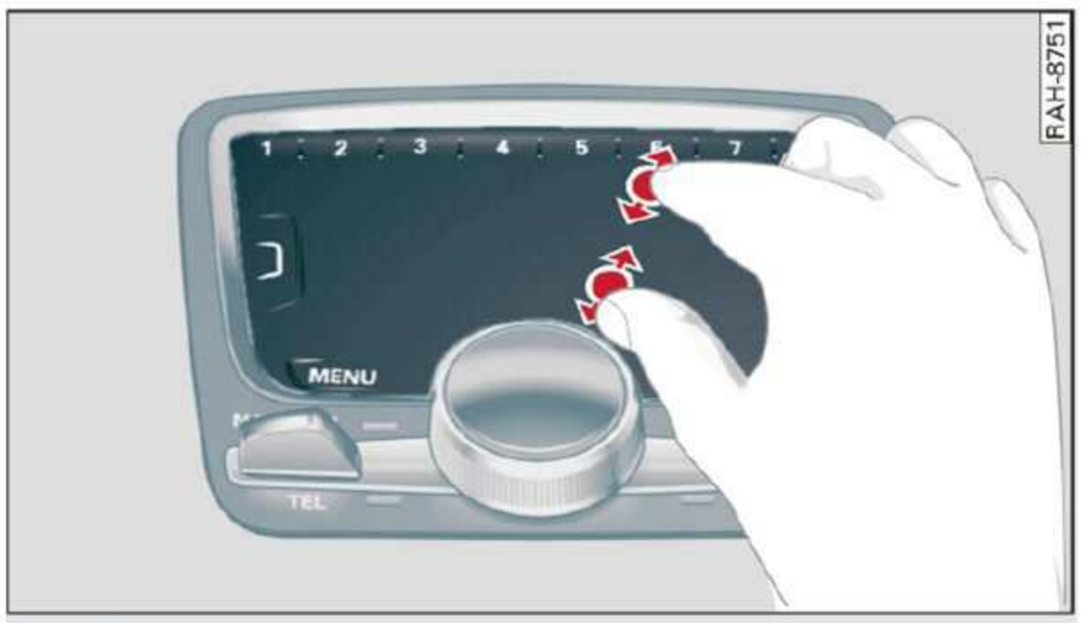
Moving the standard map or satellite map[1)]

Applies to: vehicles with automatic transmission and MMI touch

- When the crosshairs are visible, drag two fingers in the desired direction across the MMI touch control pad ⇨ *fig. 172*.

Zooming in/out on the map

Applies to: vehicles with MMI touch



Applies to:
Fig. 173
-Vehicles with automatic transmission and MMI touch- MMI touch: zooming in and out on the map

Requirement: a map must be displayed ⇨ *page 228*.

- **Zooming in/out on the map**: press the control knob to show the crosshairs.
- Touch the MMI touch control pad with two fingers and pull your fingers apart or together ⇨ *fig. 173*.
- Press the BACK button ⑦ to hide the crosshairs ⇨ *page 168, fig. 161*.

Adjusting the sound focus

Applies to: vehicles with MMI touch

Requirement: the **Balance/fader** function must be selected ⇨ *page 265*.

- **Moving the crosshairs for sound focus**: move your finger in the desired direction on the MMI touch control pad.
- Press the BACK button ⑦.
- **Storing the crosshairs location**: press the control knob twice.
- Press the BACK button ⑦ ⇨ *page 168, fig. 161*.

Using the DVD main menu

Applies to: vehicles with MMI touch

Requirement: a DVD must be playing ⇨ *page 250*. The DVD main menu is shown.

- **Selecting a menu item**: move your finger up/down or left/right on the MMI touch control pad.

Tips

The volume of the voice guidance prompts for the MMI touch* can be adjusted separately ⇨ *page 266*.

Control knob with joystick function

Operation

Applies to: vehicles with joystick function

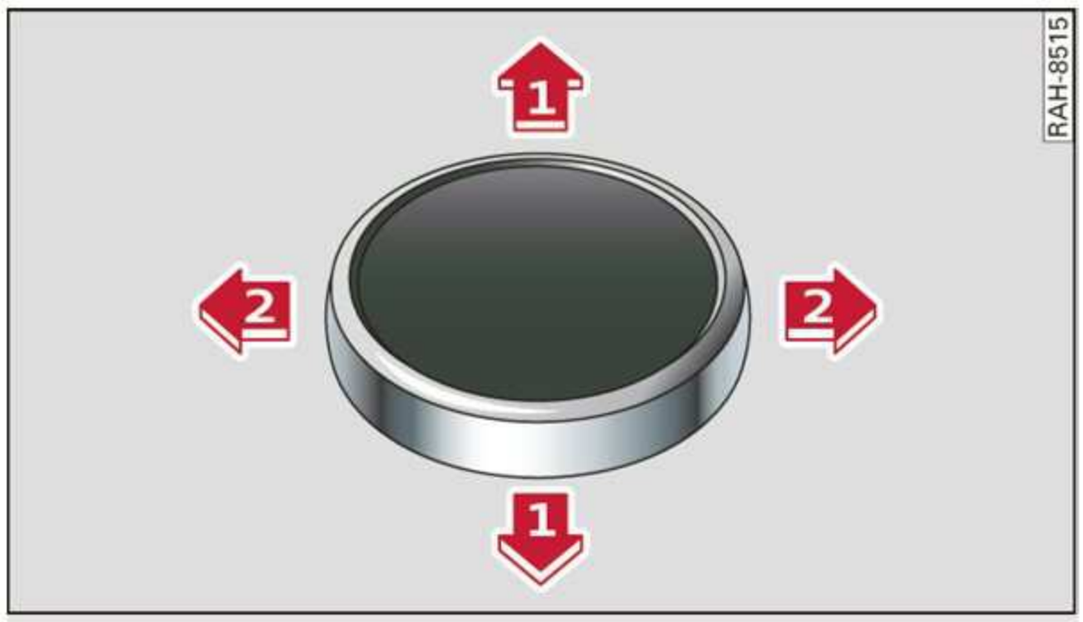


Fig. 174 Control knob with joystick function: Operating concept

You can push the control knob up or down ① or to the right or left ②.

Opening the entertainment sliding menu

Applies to: vehicles with MMI touch and joystick function

- **Opening the entertainment sliding menu**: push the control knob down to open the entertainment sliding menu ③ ⇨ *page 179,* ▶

1) AUDI AG provides access to services from third party providers. Permanent availability cannot be guaranteed, because that depends on the third party provider.

fig. 178. Then you can select and confirm a function.

- ▸ **Closing the entertainment sliding menu**: push the control knob up to close the entertainment sliding menu, or:
- ▸ Press the BACK button ⑦ ⇨ *page 168, fig. 161*.

Additional functions

Applies to: vehicles with joystick function

Displaying the input field/switching to speller input

- ▸ Push the control knob up ⇨ *page 174, fig. 174* to reach the beginning of a list in the central area or the input field.
- ▸ If the input field is already open, switch directly to the speller in the input field by pushing the control knob up again ⇨ *page 176, Letter/number speller*.

On the map

Requirement: a map must be displayed ⇨ *page 228*.

- ▸ **Displaying the input field**: push the control knob up.
- ▸ **Displaying route guidance**: when route guidance is active, you can also display the route guidance by pushing the control knob up ⇨ *page 223, fig. 194*.
- ▸ **Zooming in/out on the map (zoom)**: turn the control knob to the right/left to zoom in/out on the map.
- ▸ Applies to: vehicles without MMI touch with joystick function: **showing and hiding the crosshairs**: Press the control knob. The crosshairs are shown on the map. Press the BACK button to hide the crosshairs.
- ▸ Applies to: vehicles without MMI touch with joystick function: **Moving the crosshairs**: when the crosshairs are visible, turn the control knob in the direction the crosshairs should move. Press the control knob and hold it until the crosshairs are in the desired point on the map.
- ▸ Applies to: vehicles without MMI touch with joystick function: **Additional options on the map**: ⇨ *page 229*.

Adjusting the sound focus

Applies to: vehicles without MMI touch with joystick function

Requirement: the balance/fader function must be selected ⇨ *page 265*.

Moving the sound focus using the crosshairs: the crosshairs can be moved horizontally.

- ▸ Turn the control knob to the left or to the right.
- ▸ Press the control knob to move the crosshairs vertically.
- ▸ Turn the control knob to the left or to the right.
- ▸ Press the control knob again to save the setting.

Using the DVD main menu

Requirement: a DVD must be playing ⇨ *page 250*. The DVD main menu is shown.

- ▸ **Selecting a menu item**: move the control knob with joystick function up or down or to the left or right.
- ▸ **Confirming a selection**: press the control knob.

Opening the selection/options menu with the control knob

Applies to: vehicles with joystick function

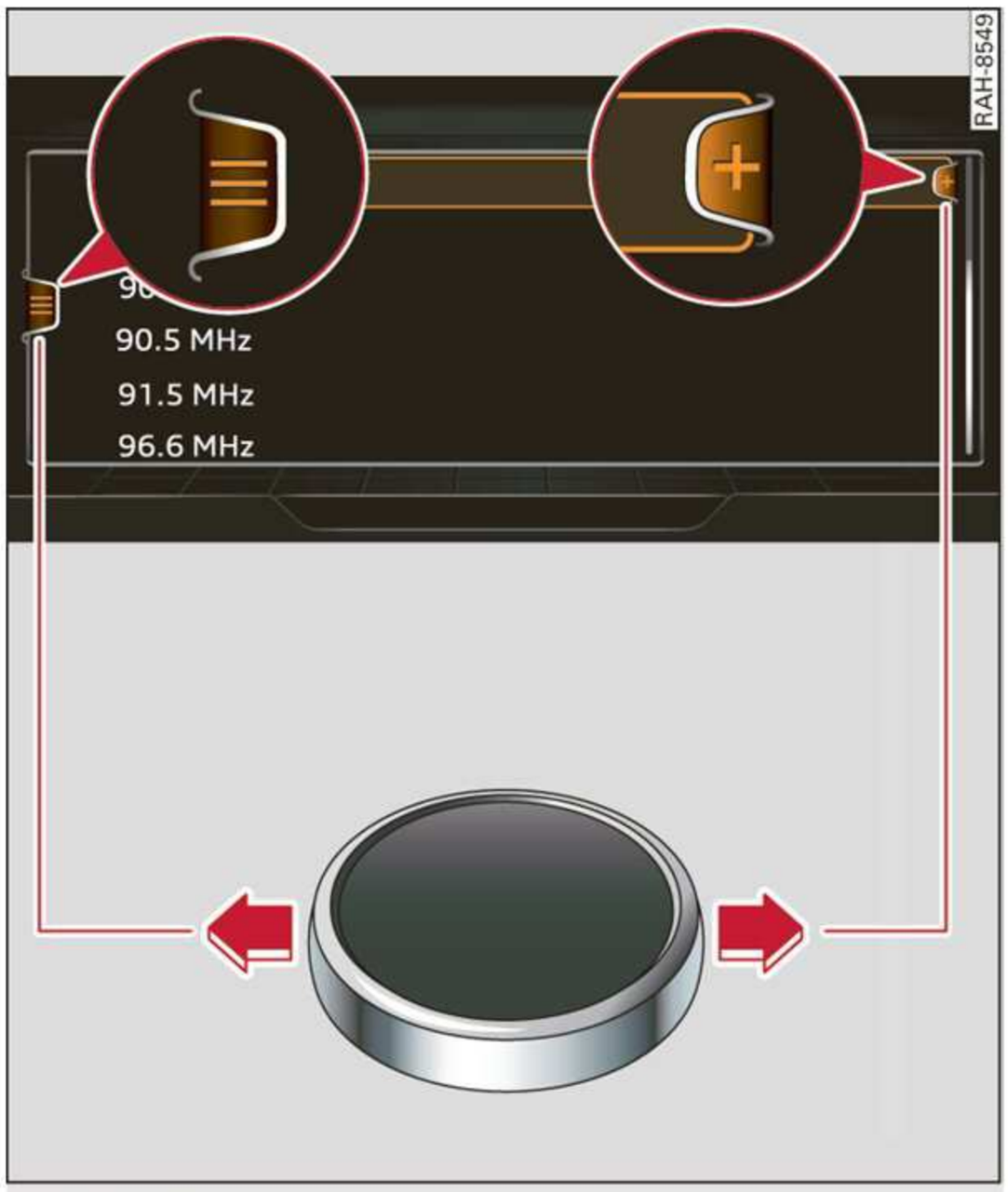


Fig. 175 Control knob with joystick function: opening the selection/options menu

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Requirement: the selection menu symbol ☰ must be displayed in the Infotainment system display ⇨ *fig. 175*.

Opening/closing a selection menu

- ▸ Push the control knob toward the left ⇨ *fig. 175* to open the selection menu.

Then you can select and confirm a function using the control knob.

- ▸ Press the BACK button ⑦ to return to the function one level up.
- ▸ Press the BACK button ⑦ ⇨ *page 168, fig. 161* to return to the function one level up.

Requirement: the options menu symbol + must be displayed in the Infotainment system display ⇨ *fig. 175*.

- ▸ Press the BACK button ⑦ ⇨ *page 168, fig. 161* to return to the function one level up.

Shortcut keys

Frequently used radio stations can be stored on the shortcut keys.

The shortcut keys are located on the MMI control panel ⑧ ⇨ *page 168, fig. 161*.

Programming and reprogramming radio stations

- ▸ Turn the control knob to the desired radio station in a list (for example, a radio station in the FM station list).
- ▸ Press and hold the desired shortcut key for several seconds.

The active radio station will be stored on the shortcut key.

- ▸ **Accessing a radio station**: press the shortcut key.
- ▸ **Displaying a radio station**: swipe your finger over the shortcut keys.
- ▸ **Deleting a stored radio station**: reset the **Shortcut keys** to the factory default setting ⇨ *page 262*.

Tips

It is not possible to enter numbers using the shortcut keys. Use the number speller ⇨ *page 176* or MMI touch* ⇨ *page 172* to enter numbers.

Letter/number speller

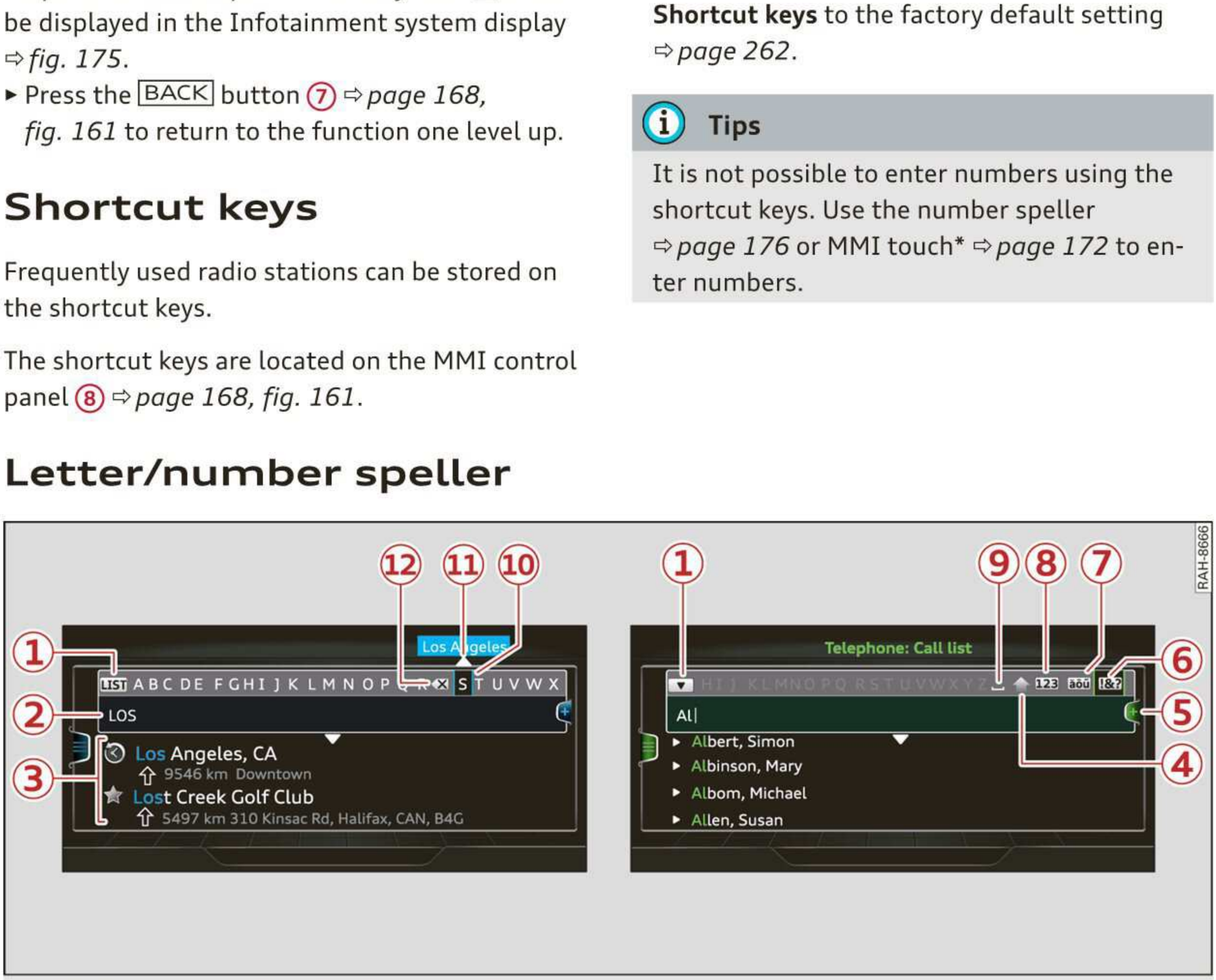


Fig. 176 Infotainment system: letter/number speller

You can enter letters, numbers and symbols in the MMI using the letter/number speller. This option is available when the input field ② is active.

Opening or closing the letter/number speller

- ▸ Move the control knob up or down when the input field is active, or:
- ▸ Select: the right control button > **Open speller**/ **Close speller**.

Entering characters

- ▸ Turn the control knob with the character selection ⑩ to select the desired character.
- ▸ Press the control knob to confirm the character. Your input is displayed in the input field ②.
- ▸ When you have entered all of the characters, select and confirm the LIST button ①, or:
- ▸ Push the control knob down.

Entering accented characters (for example, â, ç, ñ, ö)*

- ▸ Turn the control knob with the character selection ⑩ to a character.
- ▸ To open the selected accented characters, press and hold the control knob.
- ▸ Turn the control knob with the character selection ⑩ to an accented character.
- ▸ Press the control knob to insert the accented character.
- ▸ To close the accented characters screen without selecting a character, press and hold the control knob again, or:
- ▸ Select and confirm ăōű ⑦.

Deleting characters

- ▸ Select and confirm ⌫ ⑫.
- ▸ To delete all characters in the input field, press and hold the control knob on ⌫ until all characters in the input field are deleted.

Entering special characters

- ▸ Select and confirm !&? ⑥ or 123 ⑧.
- ▸ Select and confirm the desired special character (for example, a hyphen or period) with the number speller.

Input assistance

- ▸ In some cases, such as in navigation*, there may be a word suggestion* ⑪ based on available entries while you are entering data. You can select this suggestion by pushing the control knob upward.

Results list

In some cases, such as in the directory, the system will switch automatically to the results list based on logical deduction ③.

- ▸ Select and confirm a suggestion from the list.

Requirement: the input field ② must be active.

– **Switching between speller and MMI touch***: the handwriting recognition for the MMI touch control pad* is activated automatically. Simply start writing.

Overview of symbols in the speller

The symbols in the letter/number speller are explained in the following table:

	Symbol/Description	Description
①	LIST or ▾	Switches to the results list.
②	Input field	Displays the current input.
③	Results list	Displays a list with suggestions based on the letters already entered.
④	⬆	Switches from lower case to upper case letters or from upper case to lower case letters.
⑤	⌫+	Opens additional speller options, for example **Close speller** and **Clear input field**.
⑥	!&?	Character sets and special characters.
⑦	ăōű	Displays accented characters (such as â, ç, ñ, ö).
⑧	123/ABC	Switches from letter to number input or from number to letter input.
⑨	␣	Adds a space in the input field.
⑩	Character selection	Highlights the selected character.

	Symbol/Description	Description
⑪	▲	Inserts the suggested word* when you push the control knob up.
⑫	⌫	Deletes the character to the left of the cursor.

Tips

Accented characters are not available for every letter.

Free text search

Applies to: vehicles with free text search



Fig. 177 Infotainment system: free text search

Using the free text search, you can select the order that the search terms are entered in the input field.

Free text search is available in the **Vehicle***, **Radio***, **Media***, **Telephone***, **Navigation*** and **Audi connect*** menus.

Opening free text search

- ▸ Select: MENU button > *desired menu item* (such as **Telephone**).
- ▸ Keep turning the control knob to the left until the **free text search** input field ① appears, or:
- ▸ Push the control knob up to open the input field ①.

The handwriting recognition for the MMI touch control pad* is automatically activated. Simply start writing.

Free text search for an entry

- ▸ Enter one or more search terms in any order into the input field. The individual search terms must be separated by spaces when entering.

An input suggestion to complete the entry* ③ is shown depending on the input. Additional entries that contain the entered search term are listed In the results list ②.

If the desired term is still not displayed, enter additional letters until it is displayed.

It is often enough just to enter the first letters of the search term in order for it to display in the results list. For example, in the **Telephone*** menu, write the initials of the contact being searched, separated by a space.

Selecting the input suggestion to complete the entry

Requirement: an input suggestion to complete the entry* ③ must be displayed.

- ▸ **MMI touch input***: press the control knob, or:
- ▸ press on the MMI touch control pad*.
- ▸ **Speller input**: push the control knob up.

Selecting an entry from the results list

Requirement: at least one entry must be displayed in the results list ②.

- ▸ **MMI touch input***: turn the control knob to the right.
- ▸ Select and confirm an entry from the list.
- ▸ **Speller input**: select and confirm LIST ① ⇨ *page 176, fig. 176*, or:
- ▸ Push the control knob down.
- ▸ Select and confirm an entry from the list.

Menus and symbols

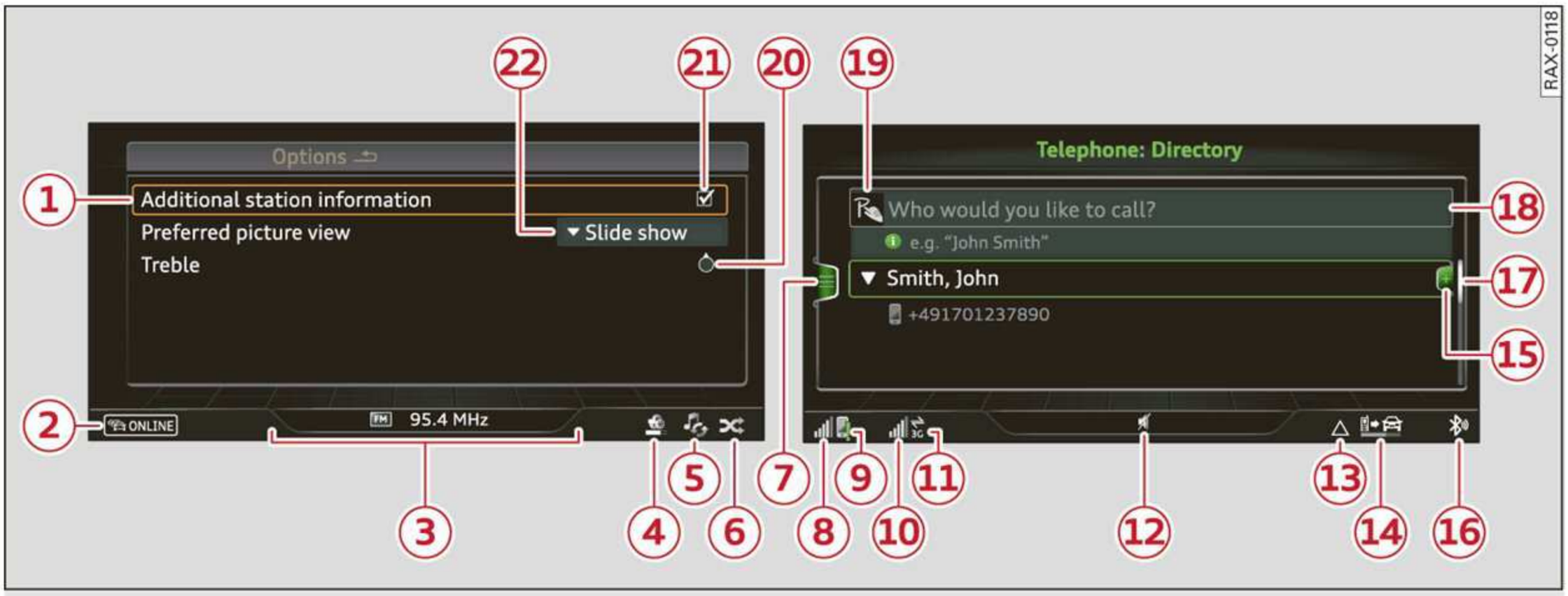


Fig. 178 Infotainment system: menus and symbols

	Symbol/Description	Description
①	Selected text	Selected function.
②	ONLINE	Receiving online traffic information ⇨ *page 234*
③	Entertainment sliding menu	Displays information about the media source that is currently selected or a situation (such as an incoming call). Depending on vehicle equipment, operation might also be possible using the open entertainment sliding menu (such as selecting a radio station or accepting a call) ⇨ *page 174*.
④	Jukebox* importing process	Importing audio/video files to the Jukebox ⇨ *page 243*.
⑤	Repeat track	The track currently playing is repeated ⇨ *page 254*.
⑥	Shuffle	All files on the playlist are played in random order ⇨ *page 254*, **Shuffle**.
⑦	Arrow	Access information by pressing the control knob when the selected text is active.
⑧	Telephone signal strength bars	Telephone signal strength.
⑨	Exclamation point on the telephone	Indicates missed calls.
⑩	Data connection signal strength bars*	Reception strength of the active data connection or **PIN**: Enter PIN (SIM) **PUK**: enter the PUK
⑪	2G/3G/LTE*	Network coverage for the active data connection ⇨ *page 214*. **2G**: GSM network **3G**: UMTS network **LTE***: LTE network
⑫	Mute	The audio source is muted ⇨ *page 265*.
⑬	Roaming	Outside the mobile network for the connected cell phone or the embedded SIM card.

	Symbol/Description	Description
⑭	Importing process	Import/update of the contacts in the directory or the call lists
⑮	Options menu*	Select and confirm context-dependent functions as well as settings within a menu item
⑯	Bluetooth*	Bluetooth device connected ⇨ *page 244* or ⇨ *page 195*.
⑰	Scroll bars	Name of a long list. Move within lists by turning the control knob.
⑱	Input field	Information that can be changed using the letter/number speller ⇨ *page 176* or the MMI touch* ⇨ *page 172*.
⑲	MMI touch*	Operation using the MMI touch control pad* is possible.
⑳	Knob	Setting for the selected function by turning the control knob.
㉑	Check boxes	You can switch certain functions on ☑ or off ☐ by pressing the control knob.
㉒	Selection list	Settings for the selected function that are accessed by pressing the control knob.

Multifunction steering wheel

Introduction

Applies to: vehicles with multifunction steering wheel

In the driver information system display, you can control numerous Infotainment functions using the multifunction steering wheel plus* ⇨ *page 17* or the multifunction steering wheel* ⇨ *page 20*.

You can control additional Infotainment functions using the MMI control panel ⇨ *page 168* in the Infotainment system display.

WARNING

Direct your full attention to driving. As the driver, you have complete responsibility for safety in traffic. Only use the functions in such a way that you always maintain complete control over your vehicle in all traffic situations.

Radio

Applies to: vehicles with multifunction steering wheel and radio

Applies to: vehicles with multifunction steering wheel

- Press the MODE button on the multifunction steering wheel repeatedly until the Radio/ Media tab is displayed.

Applies to: vehicles with multifunction steering wheel plus

- Press the ◁ ▷ button on the multifunction steering wheel repeatedly until the Radio/ Media tab is displayed.
- Press the left control button ⇨ *page 18*.

Depending on vehicle equipment, the following functions may be available in the driver information system.

- **Selecting the frequency band**: select and confirm a frequency band.
- **Selecting a station from the station list**: select and confirm a radio station.
- **Selecting a station from the presets list**: select and confirm **Presets** and then a radio station.
- **Opening a media source**: select and confirm **To media**.

Additional settings

– Select: right control button > *desired entry*.

See ⇨ *page 239*.

Tips

Pay attention to the Infotainment system display if necessary. Depending on the selected function, it may be necessary to use the MMI control panel.

Media

Applies to: vehicles with multifunction steering wheel and media

Requirement: a media drive must contain audio/ video files ⇨ *page 242*.

Applies to: vehicles with multifunction steering wheel

- Press the MODE button on the multifunction steering wheel repeatedly until the Radio/ Media tab is displayed.

Applies to: vehicles with multifunction steering wheel plus

- Press the ◁ ▷ button on the multifunction steering wheel repeatedly until the Radio/ Media tab is displayed.
- Press the left control button ⇨ *page 18*.

Depending on vehicle equipment, the following functions may be available in the driver information system.

- **Selecting a media source**: select and confirm a source such as the SD card.
- **Switching to the radio**: select and confirm **Switch to radio**.
- **Playing an audio/video file**: select and confirm a file.
- **Pausing/resuming playback**: press the right thumbwheel ③ ⇨ *page 19, fig. 13*. To resume playback, press the right thumbwheel again.
- **Opening additional track information**: select: right control button > **Show "Now Playing" screen**.

For additional information, see ⇨ *page 253*. ▶

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Tips

- Always follow the information found in ⇨ *page 241*.
- Please note that within a media source in the driver information system, only playlists that were selected through the MMI control panel can be played ⇨ *page 251*.
- Pay attention to the Infotainment system display if necessary. Depending on the selected function, it may be necessary to use the MMI control panel.

Telephone

Applies to: vehicles with multifunction steering wheel and telephone



Fig. 179 Instrument cluster: Telephone functions

Requirement: A mobile device must be connected to the MMI ⇨ *page 195*.

Applies to: vehicles with multifunction steering wheel

► Press the MODE button on the multifunction steering wheel repeatedly until the Telephone tab is displayed.

Applies to: vehicles with multifunction steering wheel plus

► Press the ◁ ▷ button repeatedly until the Telephone tab is displayed.

► Press the left control button ⇨ *page 18*.

Depending on vehicle equipment, the following functions may be available in the driver information system.

- **Accessing a contact**: select and confirm **Call list** / **Favorites** / **Directory**. Select and confirm a contact.

Directory contacts*: the driver information system only displays directory contacts that have a phone number stored. If several phone numbers are stored with a contact, the list of stored numbers is displayed first when the entry is selected.

Recent calls*: the recent calls list contains all incoming, outgoing and missed calls.

Caller information*: the *name*, *phone number* or **Unknown** appears in the driver information system display depending on whether the caller has been stored in the directory and if the phone number has been transmitted.

Functions during an incoming call

- **Accepting a call**: press the left thumbwheel when there is an incoming call.
- **Declining a call**: select and confirm **Decline** when there is an incoming call.
- **Ending a phone call**: select and confirm **End call**.

Functions during a phone call:

- **Making an additional call***: select and confirm **Hold call**. Press the left control button > **Directory** or **Call list** > *the desired entry*.
- **Answering a call while in a call and while there is another call on hold***: select and confirm **Answer**. The active call is replaced with the incoming call.

Additional functions include:

Mute*: if you select and confirm this function, the other person on the phone cannot hear you. You will still be able to hear the other person.

Holding/resuming a call*: you can place the existing call on hold and resume it again.

Swap call*: you can alternate between two phone calls at the same time. One of the calls will be on hold. Selecting **End call** will end the active phone call. A call that was placed on hold stays on hold and can be taken off hold with **Resume held call**.

Conference call*: a call on hold and up to five active parties (depending on the cell phone service provider) can be added to a conference call. To make an additional call, put all participants in the current conference call on hold using **Hold conference***. By pressing the left control button, you can make additional calls from the directory ▶

or the call list. **Resume conference*** takes all participants off hold.

Tips

- The phone functions can only be controlled with the multifunction steering wheel if the phone equipment was installed *at the factory*.
- The telephone functions depend on the cell phone and whether they are supported by your cell phone service provider or not.
- The **Call waiting*** function must be activated in your cell phone and in the MMI in order to be alerted when there is an incoming call during an active call. The call options depend on the cell phone and service provider. You can obtain more information from your cell phone service provider.

Navigation

Operation in the driver information system

Applies to: vehicles with multifunction steering wheel and navigation system

Requirement: a destination must be entered ⇨ *page 218* and the route guidance must be started.

- ▸ Press the ◁▷ button on the multifunction steering wheel repeatedly until the Navigation tab is displayed.
- ▸ Press the left control button ⇨ *page 18*.

Depending on vehicle equipment, the following functions may be available in the driver information system.

- **Displaying navigation during active route guidance**: select and confirm **Map*** / **Street view*** or **Arrow view***.
- **Showing the map when route guidance is not active***: select and confirm **Map***.
- **Accessing last destinations**: select and confirm **Last destinations** > *the desired destination*.
- **Accessing favorites***: select and confirm **Favorites** > *the desired destination*.
- **Starting route guidance to the stored home address**: select and confirm **Cancel route guidance** if necessary and then **Home address**.

If you have not started any route guidance, a compass (analog instrument cluster) or the arrow view (monochrome instrument cluster) is displayed depending on the equipment. The map is displayed in the Audi virtual cockpit*.

Canceling active route guidance

- Select: right control button > **Cancel route guidance**

Additional settings

- Select: right control button > *desired entry*.

Depending on the function selected, the following additional settings may be possible:

- Map display ⇨ *page 230*.
- Map colors ⇨ *page 230*.
- Map orientation ⇨ *page 230*.
- Automatic zoom ⇨ *page 230*.

Navigation view with route guidance started

Applies to: vehicles with navigation system and Audi virtual cockpit



Fig. 180 Instrument cluster: standard map during active route guidance

Requirement: a destination must be entered ⇨ *page 218*, route guidance must be started and the navigation tab must be displayed.

Depending on the vehicle equipment and the selected view ⇨ *page 19*, the following information will be displayed in the driver information system:

① ① Map content (such as points of interest)

② ② Current vehicle position

③ ③ A bar graph appears when there is an upcoming turn. The fewer the bars that are shown, the shorter the distance is until the turn. If there is not an upcoming turn, the ▶

distance to the destination/stopover and the calculated arrival time is displayed in the right speedometer.

④ ④ Name of the street where you are currently driving

Map view with route guidance started

Applies to: vehicles with navigation system and map view



Fig. 181 Instrument cluster: map with route guidance started

Depending on the vehicle equipment, you can also have the active route guidance display in the map view* in the driver information system.

Requirement: a destination must be entered ⇨ *page 218*, route guidance must be started and the navigation tab must be displayed.

Depending on vehicle equipment, the following information may be shown in the driver information system:

① ① Distance to the destination or stopover

② ② Distance to the next maneuver

③ ③ Display of the road that is currently being traveled or the road that you will turn onto during the next maneuver

④ ④ Map content such as points of interest or traffic information

⑤ **Zooming in/out on the map (Zoom)**: when a map is displayed, turn the left thumbwheel down/up to zoom in/out on the map.

Street view with route guidance started

Applies to: vehicles with navigation system and street view

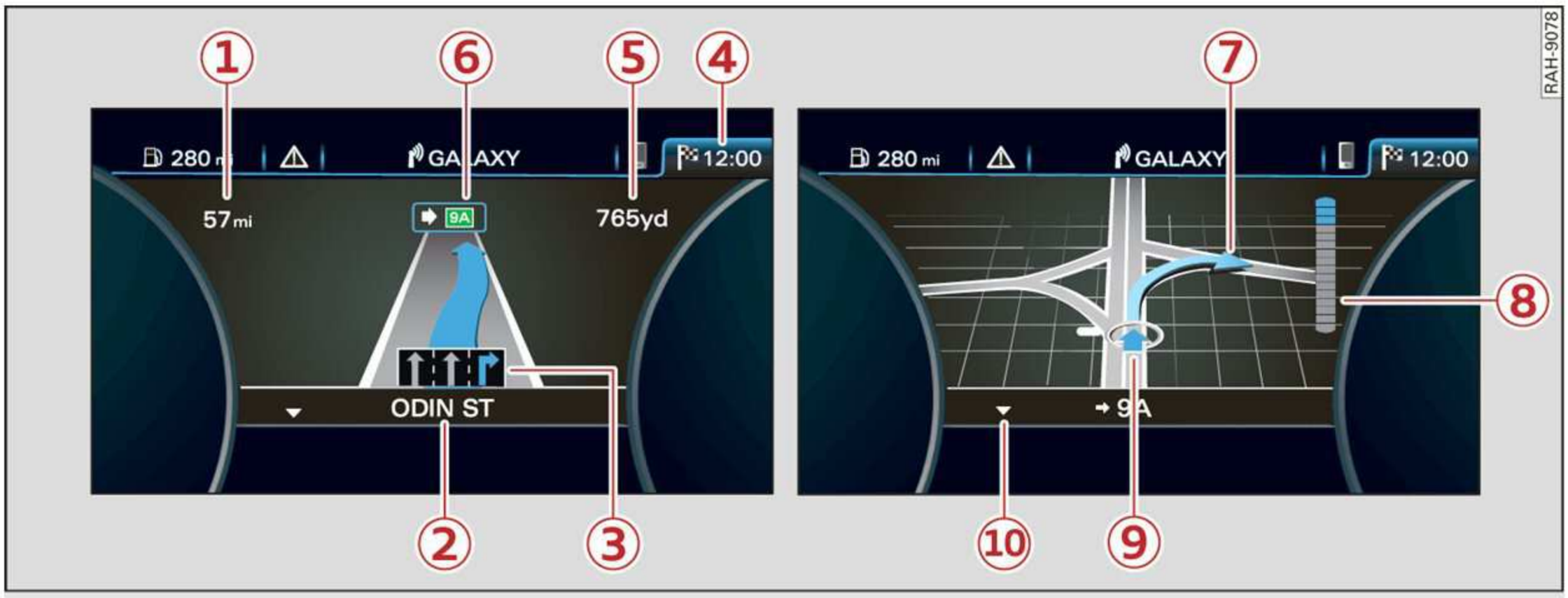


Fig. 182 Instrument cluster: turning in the street view

Depending on the vehicle equipment, the active route guidance will be displayed in the street view* in the driver information system.

Requirement: a destination must be entered ⇨ *page 218*, route guidance must be started and the navigation tab must be displayed.

Depending on vehicle equipment, the following information may be shown in the driver information system:

① Distance to the destination or stopover

② Displaying an expressway, highway or main road as preparation for an upcoming change in direction

③ Lane recommendation

④ Calculated arrival time

⑤ Distance to the next maneuver

⑥ Display of the expressway, highway or main road onto which you will be turning ▶

⑦ Direction arrow for the upcoming maneuver
⑧ A bar graph appears when a direction arrow is displayed. The fewer the bars that are shown, the shorter the distance is until the turn.
⑨ Current vehicle position
⑩ Additional information (on-board computer)

The following functions are also available when route guidance is active:

– **Adjusting the voice guidance volume**: turn the right thumbwheel up or down while a voice guidance message is playing.

WARNING

The route calculated by the navigation system is a driving recommendation. Follow the traffic regulations that are applicable in the country where you are operating the vehicle. In the event that the driving directions contradict traffic regulations, always follow the traffic regulations applicable in the country where you are operating the vehicle to reduce the risk of an accident.

Tips

– Also see the chapter ⇨ *page 8, Cockpit overview*.
– An exclamation point "**!**" in front of the street name indicates that the information about this street or this section of the route is not complete in the navigation data contained in the MMI. Obey traffic laws in one-way streets and pedestrian zones.

Arrow view with route guidance started

Applies to: vehicles with navigation system and arrow view

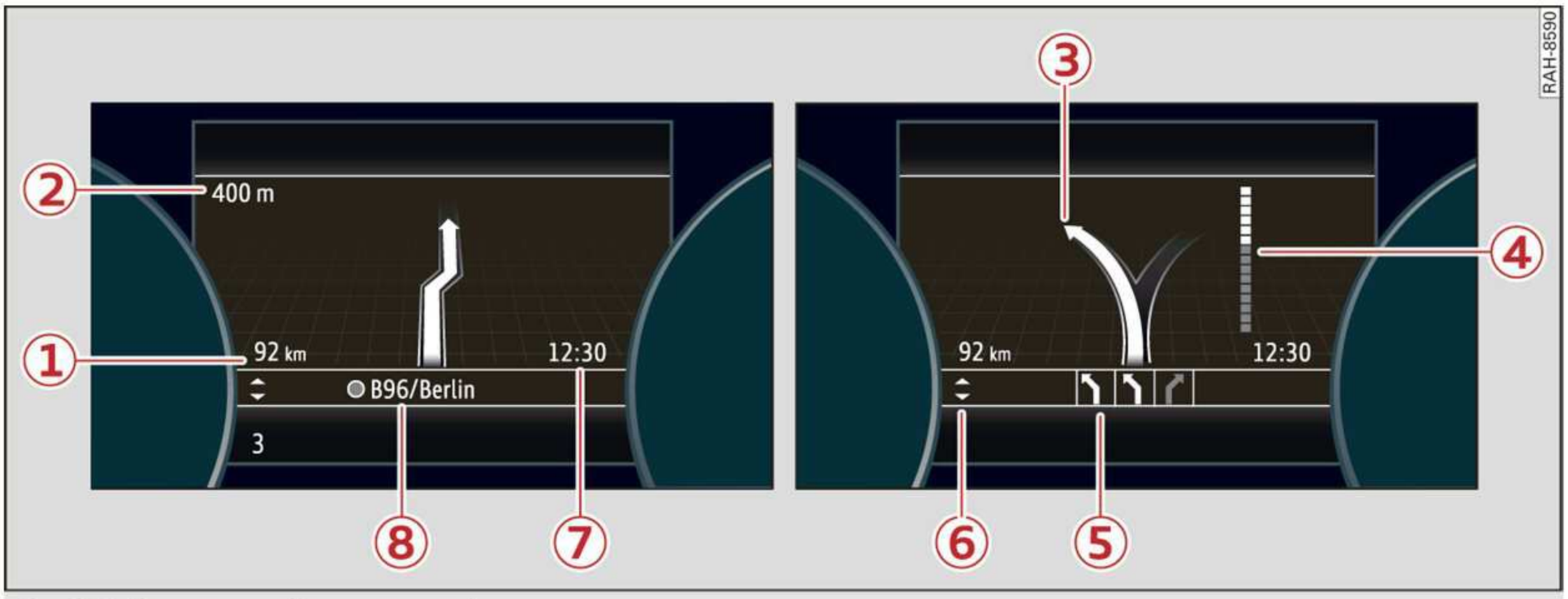


Fig. 183 Instrument cluster: arrow view

Depending on the vehicle equipment, the active route guidance will be displayed in the arrow view* in the driver information system.

Requirement: a destination must be entered ⇨ *page 218*, route guidance must be started and the navigation tab must be displayed.

Depending on vehicle equipment, the following information may be shown in the driver information system:

① Distance to the destination or stopover
② Distance to the next maneuver
③ Direction arrow for the upcoming maneuver
④ A bar graph appears when a direction arrow is displayed. The fewer the bars that are shown, the shorter the distance is until the turn.
⑤ Lane recommendation
⑥ Additional information (on-board computer)
⑦ Calculated arrival time
⑧ Display of the street currently being driven on If a point is displayed before the street, it is indicating the street you will be on with the next maneuver. ▶

The following functions are also available when route guidance is active:

– **Adjusting the voice guidance volume**: turn the right thumbwheel up or down while a voice guidance message is playing.

WARNING

The route calculated by the navigation system is a driving recommendation. Follow the traffic regulations that are applicable in the country where you are operating the vehicle. In the event that the driving directions contradict traffic regulations, always follow the traffic regulations applicable in the country where you are operating the vehicle to reduce the risk of an accident.

Tips

– Also see the chapter ⇨ *page 8, Cockpit overview*.
– An exclamation point "**!**" in front of the street name indicates that the information about this street or this section of the route is not complete in the navigation data contained in the MMI. Obey traffic laws in one-way streets and pedestrian zones.

GLOBAL COMMANDS

RAH-9091

- Telephone
- Audi connect
- Navigation
- Directory
- Radio
- Media
- Sound
- Help
- Help Speech dialog system
- Help Telephone
- Help Audi connect
- Help Navigation
- Help Map
- Help Radio
- Help Media
- Favorites
- Call (XY)
- Enter number
- Redial
- Read new text message
- Navigate to (XY)
- Enter address/destination
- Online destinations
- Cancel route guidance
- Map
- Line (XY)
- Next page / previous page
- Cancel
- No, I meant (XY)
- Correction

TELEPHONE

- Enter number
  - Delete number / correction
- Directory
- Call (XY)
  - business / private / land line / mobile
- Call list
- Redial
- Call mailbox
- Telephone favorites

NAVIGATION

- Navigate to (XY)
- Start / cancel route guidance
- Directory
- Last destinations
- Navigation favorites
- Drive home
- Enter address
- Enter country / town / street / state
- Exclude route / Exclude route for (XY) km / m
- Block route for (XY) miles / Block the next section
- Route list
- Calculate alternative routes
- Online destinations
- Special destination

MAP

- Map
- Day map / Night map
- 2D driving position map / 2D north position map / 3D map / Destination map / Overview map

AUDI CONNECT

- Audi connect
- Travel information / Parking information
- Fuel prices
- Weather
- Flight information
- City events
- Online news
- Twitter

RADIO

- Radio presets
- FM
- FM / AM / SIRIUS XM
- Station (XY) / Frequency (XY)
- Traffic announcement on / off

MEDIA

- Jukebox
- CD / DVD
- SD card 1 / SD card 2
- Audi music interface / iPod / USB / Bluetooth / Wi-Fi / Medium (XY)
- Media favorites / Artists / Albums / Genres / Tracks / Playlists / Videos
- Folder up
- Random playback on / off

Fig. 184 Command overview

Voice recognition system

General information

Applies to: vehicles with voice recognition system

You can operate many functions in the vehicle easily using voice commands.

Using the voice recognition system optimally

- Speak clearly and distinctly at a normal volume. Speak louder when driving faster.
- Emphasize the words in the commands evenly and do not leave long pauses.
- Close the doors, the windows, and the sunroof* to reduce background noise. Make sure that passengers are not speaking when you are giving a voice command.
- Do not direct the vents toward the hands-free microphone, which is in the roof headliner near the front interior lights.
- Only the driver should speak to the system, because the handsfree microphone is aimed toward this seating position.

WARNING

- Direct your full attention to driving. As the driver, you have complete responsibility for safety in traffic. Only use the functions in such a way that you always maintain complete control over your vehicle in all traffic situations.
- Do not use the voice recognition system in emergencies because your voice may change in stressful situations. The system may take longer to dial the number or may not be able to dial it at all. Dial the emergency number manually.

Tips

There are no voice guidance* prompts when a dialog is active.

Operating

Applies to: vehicles with voice recognition system

Requirement: the ignition and the MMI must be switched on ⇨ *page 168*. A system language supported by the voice recognition system must be set. There must be no phone calls in progress and the parking aid must not be active.

- **Switching on**: press the button (2) ⇨ *page 19, fig. 13* or ⇨ *page 20, fig. 15* briefly on the multifunction steering wheel and say the desired command after the **Beep**.
- **Switching off**: press and hold the button, or:
- Press the button.
- **Pausing**: say the command **Pause**. To resume, press the button.
- **Correcting**: say the command **Correction**, or:
- Simply say a new command during an announcement ⇨ *page 262*.

Input assistance

The system guides you through the input with visual and audio feedback.

– **Visual input assistance**: after switching on voice recognition, a display with a selection of possible commands appears. This command display can be switched on or off. Select: MENU button > **Settings** > left control button > **MMI settings** > **Speech dialog system**.
– **Audio input assistance**: to have the possible commands read, turn the voice recognition system on and say **Help**.

Additional settings

See ⇨ *page 262*, **Speech dialog system**.

Tips

– The dialog pauses when there is an incoming phone call and will continue if you ignore the call. The dialog ends if you answer the call.
– You can select an item in the list using either the voice recognition system or the control knob.

Command overview information

Applies to: vehicles with voice recognition system

The following overviews describe the commands that can be used to operate the MMI using the voice recognition system. ▶

Alternative commands are separated using a "**/**", for example say: **Telephone** / (or) **Navigation** / (or) **Radio**.

Sequences of commands used to perform an action are identified with a "**>**", for example say: **Enter address** > (then) **Enter country/state**.

The majority shown are main commands. This system also recognizes synonyms in certain cases. For a **Business address**, you can also say **business**, **work**, **office** or **at the office**.

Commands

Global commands

Applies to: vehicles with voice recognition system

You can always use the global commands, regardless of the menu selected.

Function	Say:
Opening a menu	**Telephone** / **Directory** / **Navigation** / **Radio** / **Media** / **Audi connect*** / **Vehicle** / **Sound**
Having the possible commands read aloud	**Help** / **Help speech dialog system** / **Help Telephone** / **Help Navigation** / **Help Map** / **Help Radio** / **Help Media** / **Help Audi connect***
Telephone functions	**Call (XY)**, for example, **Call "John Smith"** / **Enter number** / **Redial** / **Directory** / **Read out new text message** / **Read out new e-mail**
Navigation functions*	**Drive me to (XY)** or **Navigate to (XY)**, for example **Navigate to John Smith** / **Enter address** / **Cancel route guidance** / **Map** / **Online destinations*** / **Online destination (XY)***
Accessing favorites	**Favorites** > *follow the system prompts*
Selecting an entry from a list	**Line (XY)**
Scrolling through a list	**Next page** / **Previous page**
Correcting the command given	**Correction**
Switching the voice recognition system off	**Cancel**

Telephone

Applies to: vehicles with voice recognition system and telephone

Requirement: A cell phone must be connected to the MMI ⇨ *page 195* and the **Telephone** menu must be open ⇨ *table on page 189*.

Depending on the vehicle equipment and the selected menu item, you can say the following commands:

Function	Say:
Calling a contact from the directory	**Call (XY)**, for example **Call "John Smith"**
Selecting a specific contact number	**Call (XY) business** / **private** / **landline** / **cell phone**, for example, **Call "John Smith" private**

Function	Say:
Selecting a phone number with an address card open	**Call** / **Call work** / **Call private** / **Call landline** / **Call cell phone work**
Calling a contact from your favorites list	**Telephone favorites** > *after being prompted, say the desired contact* > **Dial**
Displaying the call list	**Call list**
Calling the last number dialed	**Redial**
Dialing a phone number	**Enter number** > *when prompted, say the telephone number in groups of individual numbers*, for example. **888 555 1212** > **Dial**
Correcting the phone number that was entered	**Correction** / **Delete number**
Showing contact information	**Directory** > *say the desired contact when prompted*, for example **John Smith**
Listening to messages	**Call voicemail**
Entering the PIN (SIM)	**Enter PIN** > *when prompted, say the PIN in individual numbers* > **Save**
Correcting the PIN entry	**Correction** / **Delete PIN**
Correcting data input	**No I meant (XY)**
Closing the full-screen command list	**Close**

Tips

– Contacts in the directory can selected using the full name (“first name last name” and “last name, first name”) as well as with only the first or last name. This applies to cell phones that transmit names separated into first and last names.

– Please note that commands can only be given for the primary phone* ⇨ *page 196*.

Audi connect Infotainment

Applies to: vehicles with voice recognition system and Audi connect Infotainment

Requirement: the requirements for Audi connect Infotainment must be met ⇨ *page 208*.

Function	Say:
Accessing Audi connect Infotainment services	**Audi connect** > *follow the system prompts*
Audi connect Infotainment services	**Weather** / **Online news** / **Fuel prices** / **Parking information** / **Travel information** / **Twitter** / **Traffic information**
Search areas for Audi connect Infotainment services	**Near destination** / **Nearby** / **In a new city**
Correcting data input	**No I meant (XY)**

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *in General information on page 208*.

Messages (Audi connect Infotainment)

Applies to: vehicles with voice recognition system and Audi connect Infotainment

Requirement: A cell phone with active MAP (Message Access Profile) must be connected to the MMI ⇨ *page 201*.

Function	Say:
Text editing commands	**Read out** / **Add** / **Delete** / **Record everything again** / **Replace with (XY)** / **Add recipient** / **Send**
Reading out a new message	**Read out new text message** / **Read out new e-mail**
Reading a message	**Read out text message** / **Read out e-mail**
Replying to the open text message	**Reply**
Forwarding the open text message	**Forward** > **Add recipient** / **Insert template** / **Send**
Correcting data input	**No I meant (XY)**

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *in General information on page 208*.

Navigation

Applies to: vehicles with voice recognition system and navigation system

Requirement: the **Navigation** menu must be open ⇨ *table on page 189*.

Depending on the vehicle equipment and the selected menu item, you can say the following commands to enter a destination:

Function	Say:
Opening the list of previous navigation destinations	**Last destinations**
Accessing favorites	**Navigation favorites**
Selecting the home address	**Home address** or **Drive home**
Entering an address with guidance from the system	**Enter address** > *follow the system prompts*
Individual commands for entering a destination	**Enter country/state** / **Enter city** / **Enter ZIP code** / **Enter street** / **Enter house number**
Making a correction while entering a destination	**Correction**
Navigating to a contact	**Drive me to (XY)** or **Navigate to contact**, for example **Drive me to "John Smith"**

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Function	Say:
Navigating to a specific address for a contact	**Navigate to contact (XY) business** / **private**, for example “Navigate to John Smith private”
Navigating to favorites	**Navigation favorites** > **Line (XY)** / *Line contents* > *Start route guidance when prompted*
Starting route guidance with an address card open	**Navigate** / **Navigate to private address** / **Navigate to business address**
Entering a new destination/stopover when route guidance is active	**Enter address** > *enter the desired address when prompted* > *confirm the new destination/stopover if prompted*
Starting route guidance after entering a destination	**Start route guidance**
Canceling current route guidance	**Cancel route guidance**
Calculating alternative routes	**Calculate alternative routes**
Entering a point of interest by selecting a search area with guidance from the system	**Point of interest** > **Change search area** > *category or subcategory when prompted*, for example “restaurant”
Destination input categories	**Audi Service** / **Train station** / **Airport** / **Hotel** / **Hospital** / **Parking area** / **Rest area** / **Restaurant** / **Gas station** *etc.*
Search areas for entering points of interest	**Nearby** / **Along the route** / **Near destination** / **Near stopover** / **In a new city** / **In a new state/country**
Entering an online destination*	**Online destination (XY)**, for example “**Online destination "Lakeview Hotel"**”
Correcting data input	**No I meant (XY)**
Closing the full-screen command list	**Close**

Requirement: you must be in the **Navigation** or **Map** menu.

Depending on the vehicle equipment and the selected menu item, you can say the following commands for additional settings in navigation:

Function	Say:
General map options	**Map** / **Day map** / **Night map** / **Automatically change map color**
Map type	**2D heading-up map** / **2D north-up map** / **3D map** / **Destination map** / **Overview map** / **Standard map*** / **Satellite map***[a)]
Showing the route list	**Route list**
Showing the remaining distance/ time when route guidance is active	**Destination information**
Speed limit prompt	**How fast can I drive here?**
Setting voice guidance for active route guidance	**Voice guidance on** / **Voice guidance off** / **Voice guidance shortened** / **Voice guidance complete** / **Voice guidance traffic**
Blocking a certain section on the route	**Block route for (XY) meters/kilometers/yards/miles** / **Block next route** / **Avoid next section of route**

a) AUDI AG provides access to services from third party providers. Permanent availability cannot be guaranteed, because that depends on the third party provider.

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *in General information on page 208*.

Tips

Destinations may have to be spelled when entered, depending on which region you are in and which menu language you have selected.

Radio

Applies to: vehicles with voice recognition system

Requirement: the **Radio** must already be open.

Depending on the vehicle equipment and the selected frequency band, you can say the following commands:

Function	Say:
Selecting the frequency band	**FM*** / **SiriusXM*** / **FM** / **AM**
Selecting a station from the station list	**Channel (XY)** / **Frequency (XY)**
Selecting a station from the presets	**Radio presets** > **Line (XY)**
Setting the frequency	**Frequency (XY)** / **Frequency (XY) HD 1**
Correcting data input	**No I meant (XY)**
Closing the full-screen command list	**Close**

Media

Applies to: vehicles with voice recognition system

Requirement: you must be in the **Media** menu.

Depending on the vehicle equipment and the active media, you can say the following commands:

Function	Say:
Selecting a source directly	**Jukebox*** / **CD** / **DVD** / **SD card 1** / **SD card 2** / **Audi music interface*** / **iPhone*** / **USB*** / **Bluetooth*** / **Wi-Fi*** / **Medium (XY)**, for example “John's player”
Selecting audio/video* files in the Jukebox*	**Media favorites** / **Artists** / **Albums** / **Genres** / **Tracks** / **Playlists** / **Videos**
Selecting audio files on an iPod (source: Audi music interface*)	**Artists** / **Albums** / **Genres** / **Tracks** / **Playlists** / **Composers** / **Podcasts** / **Audio books**
Navigating within a folder structure/list	**Folder up** / **Line (XY)**
Selecting shuffle	**Shuffle on** / **Shuffle off**
Correcting data input	**No I meant (XY)**
Closing the full-screen command list	**Close**

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *in General information on page 208*.

External voice operation

Applies to: vehicles with voice recognition system and external voice operation

Requirement: The ignition and the MMI must be switched on. A mobile device must be connected to the MMI with the **Handsfree** profile ⇨ *page 196*. The mobile device being connected must have voice control that can be controlled externally. There must be no phone calls in progress and the parking aid must not be active.

- **Switching on**: press and *hold* the button on the multifunction steering wheel* and say the desired command after the external speech dialog begins.
- **Continuing/resuming the dialog**: the system remains ready to use for a short time after ending the dialog. You can start a new external dialog during this time.
- Press the button if needed, and say a new command, or:
- Select and confirm **Resume** on the MMI control panel.
- **Switching off**: press and hold the button, or:
- Select and confirm **Cancel** on the MMI control panel.

Tips

– There are no voice guidance* prompts when a dialog is active.
– AUDI AG simply provides access to control your mobile device with voice operation and does not assume any responsibility for the content and commands within the external voice control.

Telephone

Introduction

Applies to: vehicles with telephone

You can operate various telephone functions easily through the MMI in your vehicle.

Depending on the country and the vehicle equipment, the following options may be available:

– Connecting a cell phone with Bluetooth
– Using two telephones
– Using the Audi phone box

WARNING

– Medical experts warn that mobile devices can interfere with the function of pacemakers. Always maintain a minimum distance of about 7.9 inches (20 cm) between the mobile device antennas and the pacemaker.
  – Do not carry the mobile device in a pocket directly over the pacemaker when the phone is switched on.
  – Switch the mobile device off immediately if you suspect it may be interfering with the pacemaker.
– Do not use the voice recognition system* ⇨ *page 188* in emergencies because your voice may change in stressful situations. The system may take longer to dial the number or may not be able to dial it at all. Dial the emergency number manually.
– Switch your mobile device off in areas where there is a risk of an explosion. These locations are not always clearly marked. This may include gas stations, fuel and chemical storage facilities or transport vehicles, or locations where fuel vapors (such as propane or gasoline vapor in vehicles or buildings), chemicals or large quantities of dust particles (such as flour, sawdust or metal) may be present in the air. This also applies to all other locations where you would normally turn your vehicle engine off.
– The demands of traffic require your full attention. Always read the chapter ⇨ *page 168, Traffic safety information*.

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *page 208*.

Tips

– The Bluetooth connection range is limited to inside the vehicle.
– A selection of supported Bluetooth devices can be found in the database for tested mobile devices at www.audi.com/bluetooth.

Setup

Connecting a cell phone via Bluetooth

Applies to: vehicles with telephone

Requirement: The vehicle must be stationary and the ignition must be switched on. The Bluetooth settings must be open on your mobile device during the connection setup. The mobile device to be connected must not be actively connected to any other Bluetooth device. The MMI must not be connected to a mobile device.

- ▸ Enable the Bluetooth function and visibility on the MMI ⇨ *page 264* and the cell phone.
- ▸ Select: MENU button > **Telephone** > **Connect mobile device** > **Find new devices** > **Next**. The available Bluetooth devices are shown in the Infotainment system display, or:
- ▸ Select: MENU button > **Settings** > left control button > **MMI settings** > **Connection manager** ⇨ *page 262*.
- ▸ Select and confirm the desired cell phone from the list of displayed Bluetooth devices.

A PIN for a secure Bluetooth connection will be generated.

- ▸ Confirm the PIN on your cell phone and on the MMI, or:
- ▸ Enter the PIN for establishing a connection on your cell phone. The time allowed for entering the PIN is limited to approximately 30 seconds.
- ▸ Follow the system instructions.
- ▸ Pay attention to any other system prompts on the MMI and on your cell phone. ▶

After connecting successfully

Information about the connected profiles will appear. You can also change the profiles later ⇨ *page 264*.

The cell phone contacts are automatically loaded in the MMI. This process can take several minutes, depending on the number of contacts.

Depending on your cell phone and the connection type, you can use the following functions:

Handsfree

Requirement: your cell phone must be connected to the MMI via a Bluetooth Hands Free Profile (Bluetooth HFP).

You can use the hands-free system. You can make calls using the antenna on your mobile device.

Sending and receiving messages

See ⇨ *page 201*.

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *page 208*.

Tips

– You can apply additional settings to connected mobile devices using the **Connection manager** ⇨ *page 262*.
– You can also search for the MMI on your mobile device using the Bluetooth device search.
– You only have to pair your device one time. Bluetooth devices that are already paired automatically connect to the MMI when the Bluetooth function is switched on, when they are within range, and when the ignition is switched on. The last connected mobile device is given first priority.
– Pay attention to any system prompts displayed on your cell phone, for example if the system should connect automatically in the future. Depending on the cell phone, you may also need to download the directory and confirm access to your text messages separately.
– When leaving the vehicle, the Bluetooth connection to the mobile device will automatically disconnect. Depending on your mobile device, phone calls in progress may be automatically redirected from the MMI to your mobile device so that you can continue the call on your phone.

Using two telephones

Applies to: vehicles with telephone and Audi phone box

You can connect two cell phones to the MMI, for example your business cell phone as the primary phone and your private cell phone as the secondary phone. You can be reached in your vehicle through both cell phones.

The first connected cell phone is displayed as the primary phone in the MMI. The second cell phone is connected as the secondary phone.

The directory from the connected primary phone will always be displayed. If you would like to use the directory from the secondary phone, you must switch the primary and secondary phone ⇨ *page 197*.

Connecting a cell phone as the primary phone

▸ Connect your cell phone to the MMI via Bluetooth. The first connected cell phone is displayed as the **Primary phone** in the MMI.

See ⇨ *page 195, Connecting a cell phone via Bluetooth*.

Connecting a cell phone as the secondary phone

Requirement: a cell phone must be connected to the MMI as the primary phone.

▸ Select: MENU button > **Telephone** > right control button > **Connect secondary telephone**.

See ⇨ *page 195, Connecting a cell phone via Bluetooth*.

Example: you have connected your business cell phone to the MMI as the primary phone and your private cell phone as the secondary phone. To be able to call contacts from your private cell phone directory, you must switch the primary and ▶

secondary phone, since the directory from the primary phone is always displayed.

Switching the primary and secondary phone

Requirement: a primary phone and a secondary phone must be connected.

- Select: MENU button > **Telephone** > right control button > **Switch primary and second. phone**.

Tips

- You can see if a cell phone is connected as the primary phone or secondary phone in the **Connection manager** ⇨ *page 262*.
- The device name of the connected primary phone is shown in the **Telephone** menu (such as myPhone).
- If the primary phone does not connect automatically to the MMI when the ignition is switched on, for example because it is out of the vehicle range or the Bluetooth function is switched off, then a previously paired secondary phone is automatically connected as the primary phone.
- You can send and receive messages on your primary phone as well as on your secondary phone ⇨ *page 199, fig. 186*. You do not need to switch your primary phone and secondary phone for this.
- You can also make your connected cell phone the default phone by selecting **Set as default telephone** in the **Connection manager** ⇨ *page 264*.

Using the Audi phone box

Applies to: vehicles with Audi phone box

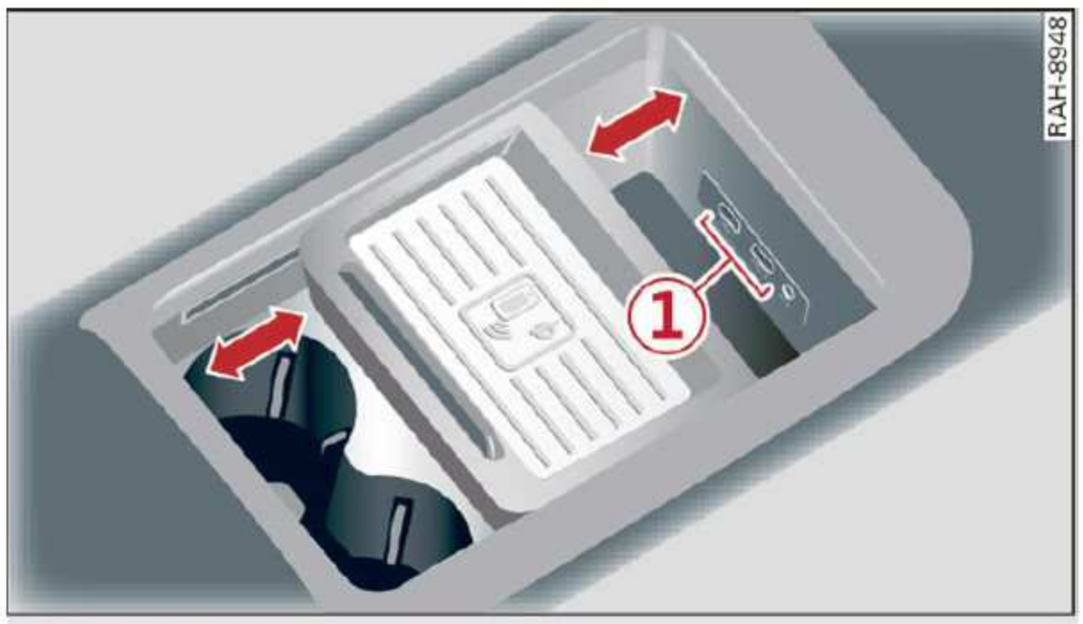


Fig. 185 Center console: Audi phone box with connections

You can charge your mobile device battery using the Audi phone box. You can make calls through the exterior antenna* on the vehicle. Using the external antenna* helps when there is a low signal and also provides better reception quality.

You can slide the Audi phone box forward and back (above the cup holder or below the center armrest) ⇨ *fig. 185*.

The options below are available:

- **Connecting to the external vehicle antenna***: lay the cell phone on the center of the cell phone symbol in the Audi phone box with the display facing up ⇨ *fig. 185*. Make sure there are no objects between the Audi phone box and the mobile device.
- **Charging a cell phone wirelessly**: place a Qi-capable [1)] cell phone centered on the ⏀ symbol in the Audi phone box with the display facing up ⇨ *fig. 185*. The cell phone will charge.
- **Charging a mobile device using the USB adapter**: connect your mobile device to the Audi music interface using a USB adapter cable ①. You can charge your mobile device using specific USB adapters ⇨ *page 247, fig. 215*.

WARNING

- Loose objects can be thrown around the vehicle interior during sudden driving or braking maneuvers, which increases the risk of ▶

1) The Qi standard makes it possible to charge your mobile device wirelessly.

an accident. Store objects securely while driving.
– The mobile device may become hot during wireless charging. Pay attention to the temperature of your mobile device and be careful when removing it from the Audi phone box.
– An alternating magnetic field is used for wireless charging. Maintain a minimum distance of approximately 2.4 in (6 cm) to the Audi phone box charging plate. The thresholds for prolonged exposure at this distance comply with ICNIRP1998. Therefore, interactions such as irritation of sensory organs, malfunctions of active implants (such as pacemakers, infusion pumps, or neurostimulators) or effects on passive implants (such as prosthetic limbs) is highly unlikely. If you have an implant, consult a medical specialist if you have any questions.

Note

Applicable to U.S.A.

Operation of the Audi phone box is subject to the following requirements of the Federal Communications Commission:
– This is a CONSUMER device.
– BEFORE USE, you MUST REGISTER THIS DEVICE with your wireless provider and have your provider´s consent. Most wireless providers consent to the use of signal boosters. Some providers may not consent to the use of this device on their network. If you are unsure, contact your service provider.
– You MUST operate this device with approved antennas and cables as specified by the manufacturer. Antennas MUST be installed at least 20 cm (8 inches) from any person.
– You MUST cease operating this device immediately if requested by the FCC or a licensed wireless service provider.
– WARNING: E911 location information may not be provided or may be inaccurate for calls served by using this device.

Note

Applicable to Canada

In Canada, operation of a Zone Enhancer, such as an Audi Phone Box, is subject to the following requirements of the Innovation, Science and Economic Development Canada (ISED):
– This is a CONSUMER device.
– BEFORE USE, you **MUST** meet all requirements set out in **CPC-2-1-05**.
– You MUST operate this device with approved antennas and cables as specified by the manufacturer. Antennas MUST NOT be installed within 20 cm of any person.
– You MUST cease operating this device immediately if requested by ISED or a licensed wireless service provider.
– **WARNING**: E911 location information may not be provided or may be inaccurate for calls served by using this device.

Tips

– Placing the mobile device in a bag or protective sleeve inside the Audi phone box can interfere with the connection to the external antenna*.
– Metallic objects in the Audi phone box block the wireless charging of your mobile device and calls made using the exterior antenna*.
– The charging time and temperature will vary depending on the mobile device being used.
– Your mobile device can only be charged in the Audi phone box when the ignition is switched on.
– To reduce the risk of malfunctions, make sure the mobile device is positioned correctly in the Audi phone box.
– The maximum charging output is 5 W.
– Strong transmission quality* cannot be guaranteed if more than one mobile device is in the box.
– Only one mobile device at a time can be charged wirelessly in the Audi phone box.
– Audi recommends using Audi Genuine Accessories. Audi has verified their reliability, safety, and suitability. ▶

– You can purchase a USB adapter from an authorized Audi dealer or authorized Audi Service Facility, or at specialty stores.

Using the telephone

Opening the telephone

Applies to: vehicles with telephone

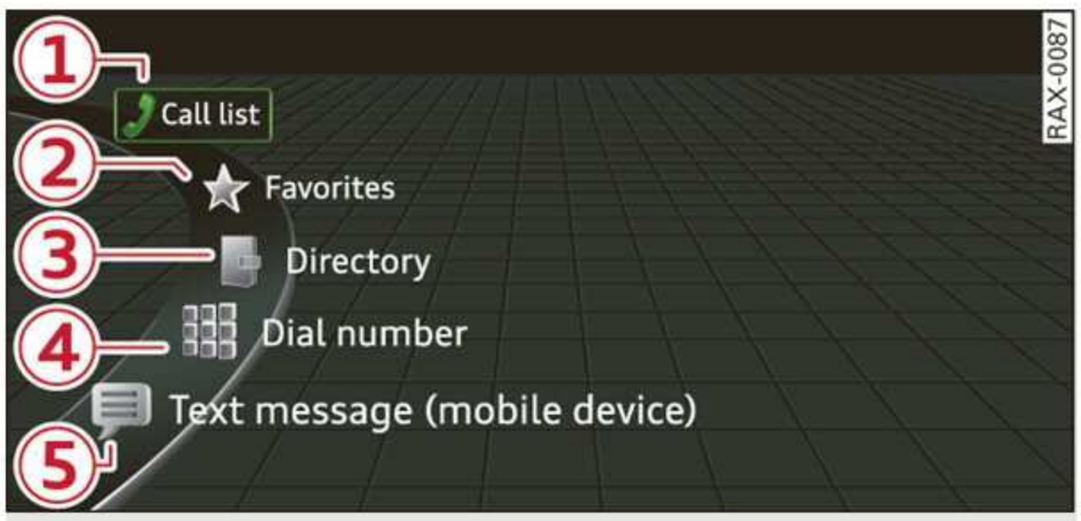


Fig. 186 Infotainment system: telephone functions in the selection menu



Fig. 187 Infotainment system: additional telephone functions in the selection menu

Requirement: A mobile device must be connected to the MMI ⇨ *page 195*.

▸ Select: MENU button > **Telephone** > left control button.

The following phone functions will be available:

① Call list 199
② Favorites 201
③ Directory 204
④ Select number 199
⑤ Text message (myPhone)*/text message (secondary phone)* 201
⑥ E-mail (myPhone)*/e-mail (secondary phone)* 203

Dialing a phone number

Applies to: vehicles with telephone



Fig. 188 Infotainment system: dialing a phone number from the call list

▸ Select: MENU button > **Telephone** > left control button.

Call list

Requirement: the call list must contain a phone number.

Turn the control knob to display the call list.

Select and confirm the desired telephone number from the recent calls list.

Call list symbols:

① Missed calls
② Dialed numbers
③ Accepted calls

Select: *a contact from the list* > right control button.

– **Call**: call the selected contact.
– **Connect secondary telephone*/Switch primary and second. phone***: see ⇨ *page 196*.
– **Edit phone no. before call**: edit a phone number before dialing it. Select and confirm **OK** to edit. press the left control button to return without editing.
– **Send text message**: write a text message to the selected contact.
– **Delete call list**: select and confirm if you would like to **Delete this entry** or **Delete all entries**.
– **Store as favorite**: store the selected contact as a favorite.
– **Show contact details**: see ⇨ *page 205*.
– **Connection manager**: see ⇨ *page 262*.
– **Bluetooth settings***: see ⇨ *page 264*.
– **Online settings***: see ⇨ *page 264*.
– **Wi-Fi settings***: see ⇨ *page 214*.

– **Telephone settings**: see ⇨ *page 206*.

Favorites

Requirement: a phone number or contact must be stored as a favorite ⇨ *page 201*.

Select and confirm a favorite in the favorites list.

Directory

Requirement: you must have at least one contact stored in your cell phone.

Select and confirm a phone number from the directory ⇨ *page 204*.

Enter number

– **Entering a phone number as a sequence of numbers**: enter a phone number using the number speller.
– **Entering the phone number as a sequence of letters**: select and confirm ABC above the number speller. Enter a sequence of letters using the letter speller, for example *AUDISERVICE*.
– **Dialing a phone number**: select and confirm ✆, or push the control knob downward. Select and confirm **OK**.
– **Deleting individual characters**: select and confirm ⌫.
– **Deleting all characters entered at once**: turn the control knob with the character selection to ⌫ and press and hold the control knob, or select: right control button > **Clear input field**.

Accepting or ending a call

Applies to: vehicles with telephone

▸ **Accepting a call**: select and confirm **Answer**.
▸ **Declining a call**: select and confirm **Decline**.
▸ **Muting the active call**: select and confirm **Mute**.
▸ **Ending a phone call/cancel dialing**: select and confirm **End call**.

Tips

The radio or media playback is muted during a phone call.

During a phone call

Applies to: vehicles with telephone

Requirement: there must be a call in progress.

– **End call**: you can end a phone call.
– **Send tone sequence**: you can enter tone sequences (**DTMF**) directly using the number speller and send to the other person on the call.
– **Other call options**: press the right control button.

The following options may be possible during a call depending on the mobile device being used and the type of connection:

– **Answering an additional call**: if there is an incoming call while another call is active, you can select **Answer** to put the existing call on hold and answer the incoming call. If you select **Decline**, the incoming call will be declined.
– **Accepting an incoming call when there is an active call and a call on hold**: select **Replace**. The active call is replaced with the incoming call.
– **Muting the incoming call**: select and confirm **Mute**.
– **Additional call**: select: **Find contact** > **Call list**/**Directory**/**Favorites** > *an entry from the list*.

Mute: if you select and confirm this function, the other person on the phone cannot hear you. You will still be able to hear the other person. To turn the microphone back on, select and confirm **Unmute**.

Hold call/**Resume held call**: you can place the existing call on hold and resume it again. To resume the call, select and confirm the call you would like to resume.

Transfer call to mobile device*: select and confirm **Transfer call to mobile device** to transfer the existing call from the MMI to your cell phone.

Switch to hands-free mode*: Requirement: you must have a phone call in progress on your cell phone. Select and confirm **Switch to hands-free mode** to transfer the call from your cell phone back to the MMI. ▶

Swap call: alternate between two phone calls while one of the calls is on hold. Selecting **End call** will end the active phone call. A phone call on hold can be resumed using the right control button > **Resume**.

Tips

– To be notified of an incoming call during a phone call, the *call waiting* function in your mobile device must be switched on when using the **Handsfree** profile.
– When leaving the vehicle, the Bluetooth connection to the mobile device will automatically disconnect. Depending on your mobile device, phone calls in progress may be automatically redirected from the MMI to your mobile device so that you can continue the call on your phone.

Making an emergency call

Applies to: vehicles with telephone

▸ Select: MENU button > **Telephone** > left control button > **Dial number** > Enter emergency call number (for example, 911) > **OK**.

WARNING

– Because your phone works with radio signals, a connection cannot be guaranteed under all circumstances. Do not rely on only your phone when it comes to essential communication (such as a medical emergency).
– Always follow the instructions given by the emergency personnel during an emergency call and only end the call when they instruct you to do so.

Tips

Emergency numbers are not the same everywhere. Find out which emergency number is used in your current location.

Favorites

Applies to: vehicles with telephone

Up to 50 contacts, in addition to the voicemail number, can be stored in any order in the favorites list:

Opening a menu

▸ Select: MENU button > **Telephone** > left control button.

Storing an existing phone number as a favorite:

▸ Select and confirm **Call list/Directory**.
▸ Select a contact or phone number from the list.
▸ Select: Right control button > **Store as favorite**.
▸ Enter a name for the favorite or select a suggestion.
▸ Select and confirm **Save**.

Renaming stored favorites

▸ Select: **Favorites** > *a favorite from the list*.
▸ Select the right control button > **Rename favorite**.

Moving stored favorites

▸ Select: **Favorites** > *a favorite from the list*.
▸ Select the right control button > **Move favorite**.
▸ Select and confirm the location of the selected favorite.

Deleting a stored favorite

▸ Select: **Favorites** > *a favorite from the list*.
▸ Select: right control button > **Delete favorite** > **Delete this entry** or **Delete all entries**.

Messages

Text messages

Applies to: cell phones with Bluetooth Message Access Profile (MAP)

Depending on the mobile device being used and the mobile network contract, you may be able to receive and send text messages using the MMI.

Requirement: your mobile device must be connected to the MMI via Bluetooth Message Access Profile (Bluetooth MAP) ⇨ *page 195*.

▸ Select: MENU button > **Telephone** > left control button > **text message (myPhone)/text message (secondary phone)***.

Write new text message

Select and confirm **Write new text message**. ▶

– **Using a template**: select and confirm the desired template from the list.
– **Writing your own text***: select and confirm **Do not use template**. Enter text using the MMI touch control pad* or the letter speller.
– Enter one or more recipients.
– Select and confirm **Send**.

Inbox

Displays all received text messages.

Sent

Displays all sent text messages.

Outbox

Displays all text messages to be sent.

Drafts

Displays all text messages that have not yet been sent and stored text messages.

Deleted

Displays all deleted text messages.

Tips

Please note that you may have to activate the receiving and sending of text messages depending on the SIM card being used (for example, when using a multi-SIM).

Message options

Applies to: cell phones with Bluetooth Message Access Profile (MAP)

▸ Select: TEL button > left control button > **text message (myPhone)/text message (secondary phone)*** > **Inbox/Sent/Outbox** > right control button.

The following options may be available depending on the selected menu.

Storing a text message as a template

Ten text message templates are stored in the MMI. You can save up to 10 additional templates of your own.

– Create a text message.
– Select and confirm **Store as template**.

Resume last text message

The last edited text message can be resumed.

Reply*

A reply can be sent for the selected message in the **Inbox**.

Forward

The selected text message can be forwarded to a different recipient.

Send again*

The selected text message can be resent.

Delete this text message*

The selected text message can be deleted.

Read out[1)]

You can have the MMI read an open text message.

Text messaging settings*

To display when a new text message is received, enable the **Text message notifications**. New text messages are indicated with an envelope ✉ in the Infotainment system display status line.

Connection manager

See ⇨ *page 262*.

Bluetooth settings*

See ⇨ *page 264*.

Online settings*

See ⇨ *page 264*.

Wi-Fi settings*

See ⇨ *page 214*.

Telephone settings

See ⇨ *page 206*.

1) Not available in all languages.

Tips

Messages that are deleted in the MMI are also deleted in the mobile device automatically.

E-mail

Applies to: cell phones with Bluetooth Message Access Profile (MAP)

Depending on the type of mobile device being used, you may be able to receive and send e-mails through the MMI.

Requirement: your mobile device must be connected to the MMI via Bluetooth Message Access Profile (Bluetooth MAP) ⇨ *page 195*.

- Select: MENU button > **Telephone** > left control button > **e-mail (myPhone)/e-mail (secondary phone)***.

Write new e-mail

Select and confirm **Write new e-mail**.

– **Using a template**: select and confirm the *desired template from the list*.
– **Writing your own text***: select and confirm **Do not use template**. Enter text using the MMI touch control pad* or the letter speller.
– Enter one or more recipients.
– Select and confirm **Send**.

Inbox

All received e-mails are displayed.

Sent

All sent e-mails are displayed.

Outbox

All e-mails that will be sent are displayed.

Drafts

All saved e-mails that have not been sent yet are displayed.

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *page 208*.

Tips

To ensure that your sent e-mails are received, connect your cell phone to the Wi-Fi hotspot* in the vehicle so that the e-mail app on your cell phone continues to have Internet access. If you are still not receiving e-mails even though you have a successful connection, then contact your e-mail service provider or your cell phone service provider.

Message options

Applies to: cell phones with Bluetooth Message Access Profile (MAP)

- Select: MENU button > **Telephone** > left control button > **e-mail (myPhone)/e-mail (secondary phone)*** > **Inbox/Sent/Outbox** > right control button.

The following options may be available depending on the selected menu.

Store as template

Ten e-mail templates are stored in the MMI. You can save up to 10 additional templates of your own.

– Create an e-mail.
– Select and confirm **Store as template**.

Resume last edited e-mail

The last e-mail in progress can be resumed.

Reply*

A reply can be sent for the selected e-mail in the **Inbox**.

Reply to all*

A reply can be sent for the selected e-mail in the **Inbox** and it will be sent to all of the entered recipients.

Forward

The selected e-mail can be forwarded to a different recipient.

Delete this message*

The selected e-mail can be deleted. ▶

Read out[1)]

You can have the MMI read an open e-mail.

E-mail settings*

To display when a new e-mail is received, activate the **E-mail notifications**. New e-mails are indicated with an envelope ✉ in the Infotainment system display status line.

Connection manager

See ⇨ *page 262*.

Bluetooth settings*

See ⇨ *page 264*.

Online settings*

See ⇨ *page 264*.

Wi-Fi settings*

See ⇨ *page 214*.

Telephone settings

See ⇨ *page 206*.

Tips

- Messages that are deleted in the MMI are also automatically deleted in the connected cell phone.
- You cannot read any messages while driving.

Listening to voicemail

Applies to: vehicles with telephone

- Select: MENU button > **Telephone** > left control button. Select and confirm **Call list/Directory/Favorites** > **Voicemail**.

Requirement: there must be no voicemail number stored.

- **Entering the voicemail number**: enter the desired number. Select and confirm **OK**.

Requirement: a voicemail number must be stored.

- **Dialing the voicemail number**: select and confirm **Voicemail**.

1) Not available in all languages.

Tips

This service must be set up and activated in advance by the cell phone service provider.

Directory

Opening the directory

Applies to: vehicles with telephone

After connecting the cell phone, the contacts in it are automatically imported into the MMI.

Requirement: you must have at least one contact stored in your cell phone.

- Select: MENU button > **Telephone** > left control button > **Directory**.
- **Calling a contact**: select and confirm a contact from the directory. The phone numbers for the selected contact are displayed. To make the call, select and confirm a phone number.
- **Free text search for a contact**: see ⇨ *page 178*.

Contacts are displayed in alphabetical order and can be sorted by first or last name ⇨ *page 207*, **Sort order**.

Tips

- Additional information on free text searches can be found under ⇨ *page 178*.
- Check for a possible request to synchronize on your cell phone. Requests to synchronize the directory must be confirmed so that your cell phone contacts can be loaded into the MMI.
- Please note that only the directory from the primary phone* is always displayed.
- The contacts from the mobile device may not be transferred in alphabetical order. If there are too many entries, contacts with different first letters may be missing in the MMI.
- The contacts in the local MMI memory are always visible and can be accessed by other users.

Free text search for a contact

Applies to: vehicles with telephone

- ▸ Select: MENU button > **Telephone** > left control button > **Directory**.
- ▸ To limit the search, enter the initials of the contact being searched with each initial separated by a space in the input field. Enter additional letters if necessary.
- ▸ Select and confirm a contact from the directory. The phone numbers for the selected contact are displayed.
- ▸ To make the call, select and confirm a phone number.

Tips

- – You can scroll through long lists quickly by turning the control knob quickly. The scrolling speed depends on the number of list entries.
- – Additional information on free text searches can be found under ⇨ *page 178*.

Showing contact details*

Applies to: vehicles with telephone

You may be able to show contact details depending on the vehicle equipment:

- ▸ Select: MENU button > **Telephone** > left control button.
- ▸ Select and confirm **Directory** > *a contact from the directory*.
- ▸ Select: right control button > **Show contact details**.

- – **Calling**: select and confirm the desired telephone number.
- – **Navigating**: to start navigation, select and confirm the desired address. Select and confirm **Start route guidance**.

Press the right control button to open additional options for the contact details.

- – **Add destination**: to start navigation, select and confirm the desired address. Select and confirm **Start route guidance**.
- – **Store as favorite**: see ⇨ *page 201*.
- – **Send text message***: you can send a text message to the selected contact ⇨ *page 201*.
- – **Delete contact**: the selected contact can be deleted.

Tips

- – Contacts edited in the MMI directory cannot be automatically updated in the connected cell phone. Audi recommends editing cell phone contacts directly in the cell phone.
- – Only the contacts in the local MMI memory can be edited or deleted.

Importing and exporting contacts

Applies to: vehicles with telephone

Contacts in vCard format (.vcf) can be imported into the directory or exported.

Requirement: an SD card must be inserted in one of the SD card readers* ⇨ *page 242* or a USB storage device must be connected to the Audi music interface* ⇨ *page 247* or the requirements for Audi connect Infotainment services* must be met ⇨ *page 208*.

- ▸ Select: MENU button > **Telephone** > left control button > **Directory**.
- ▸ Select: right control button > **Contact settings**.

- – **Importing contacts from a storage device**: select and confirm **Import contacts** > **SD card 1/SD card 2** or **USB device 1/USB device 2** > *desired contacts* > **Start import**.
- – **Exporting contacts to a storage device**: select and confirm **Export contacts** > **SD card 1/SD card 2** or **USB device 1/USB device 2** > *desired contacts* > **Start export**.
- – **Selecting all contacts at once to import/export**: select and confirm **Import contacts/Export contacts** > **SD card 1/SD card 2** or **USB device 1/USB device 2** > **All** > **Start import/Start export**.

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *page 208*.

Tips

- For more information about the myAudi account, visit my.audi.com.
- The imported contacts are stored in the local memory of the directory.
- A maximum of 1,000 contacts can be imported. You can check the directory memory capacity at any time ⇨ *page 206*.
- Contacts that were downloaded from a mobile device cannot be exported.
- There should be no other files or folders on the storage medium containing the contacts to be imported.

Additional settings

Telephone settings

Applies to: vehicles with telephone

▸ Select: MENU button > **Telephone** > right control button > **Telephone settings**.

Call options*

Call forwarding: you can switch the forwarding of incoming calls to your voicemail or to another phone number on and off. You can check if the function is activated or deactivated with **Check status**.

Call waiting: you are alerted to an incoming call during a phone call when the function is switched on ☑. You can check if the function is activated or deactivated with **Check status**.

Send own telephone number: sending your phone number with an outgoing call can be activated and deactivated. With the **Network-dependent** setting, the setting listed in the contract with the cell phone service provider is used. The settings only apply to the **Telephone** menu in the MMI. Please note that the settings on your mobile device will apply after disconnecting the Bluetooth connection. You can check if the function is activated or deactivated with **Check status**.

Ringtone and volume settings[1)]

Using the **Mute telephone** function, you can switch the ringtone playback through the MMI speaker on and off. You can play the ringtones using the **Ringtone** function. Select and confirm an entry from the list. For the **Ringtone volume/Message volume** settings, see ⇨ *page 266*. The **Microphone input level** can be adjusted during a phone call using the control knob.

Tips

- Several mobile devices can be paired with the MMI, but only two* mobile devices can be actively connected.
- To delete all paired Bluetooth devices, the **Bluetooth** function can be reset to the factory default settings ⇨ *page 262*.

Additional options

Applies to: vehicles with telephone

▸ Select: MENU button > **Telephone** > right control button.

- **Connection manager**: see ⇨ *page 262*.
- **Bluetooth settings***: see ⇨ *page 264*.
- **Online settings***: see ⇨ *page 264*.
- **Wi-Fi settings***: see ⇨ *page 214*.

Contact settings

Applies to: vehicles with telephone

▸ Select: MENU button > **Telephone** > left control button > **Directory** > right control button > **Contact settings**.

Memory capacity

Shows the **Memory capacity** for the directory.

You can manage up to 17,000 contacts with the directory. You can load up to 4,000 contacts from your cell phone into each directory. You can also import up to 1,000 contacts from a storage device. ▶

1) Depends on the connected cell phone.

Sort order

You can sort the contacts in your directory alphabetically according to **Last name** or **First name**.

Import contacts/Export contacts

See ⇨ *page 205*.

Download directory

To update the contacts in the MMI, you can manually download your mobile device contacts. Depending on the mobile device, you may need to disconnect and reconnect the Bluetooth connection to update the contacts.

Hide contacts without phone number

When this function is switched on, grayed-out contacts that have no phone numbers stored for them will be hidden in the directory.

Troubleshooting

Applies to: vehicles with telephone

Problem	Solution
Pairing the mobile device to the MMI failed.	Make sure the requirements for connecting a cell phone have been met ⇨ *page 195*, or make sure you did not accidentally decline the PIN for establishing a connection on your cell phone. If necessary, repeat the pairing process ⇨ *page 195*.
After pairing, **not all contacts or no contacts** have been loaded into the MMI.	Avoid using special characters in names. Avoid using contact groups on your cell phone.
Certain **telephone functions** are grayed out or not available.	The telephone functions depend on the mobile device service provider and the mobile device you are using.
Some **telephone functions** may be switched off or not available, even though the mobile device is supported.	Check if the Bluetooth settings on your cell phone are limited or individual Bluetooth settings are deactivated. This may be the case with business cell phones.

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Audi connect

General information

Depending on the country and the vehicle equipment, the following functions may be available:

– Audi connect Infotainment
– Audi connect vehicle control

You can also find more information on Audi connect online at www.audi.com.

WARNING

– To reduce the risk of an accident, only use Audi connect services and the Wi-Fi hotspot only if the traffic situation permits it. Read and follow the guidelines provided in ⇨ *page 168, Traffic safety information*.
– It is only safe to use tablets, laptops, mobile devices and other similar devices when the vehicle is stationary because, like all loose objects, they could be thrown around the inside of the vehicle in a crash and cause serious injuries. Store these types of devices securely while driving. Also read the warnings in the chapter ⇨ *page 285, Front airbags*.

Note

– Applies to: embedded SIM card usage: The connection costs of Audi connect Infotainment services are included in the price of Audi connect Infotainment during the subscription period with some exceptions. Please note that there may be additional charges when using some services. For example, this applies to Internet radio/ podcasts or for Internet connections and services that use the Wi-Fi hotspot, such as online media sources. Depending on the country, data plans may need to be purchased for these services ⇨ *page 215*. For additional information, see my.audi.com.
– In certain situations, the Wi-Fi hotspot data connection may be established as a replacement for the SIM card on your Wi-Fi device. This feature depends on the configuration of your Wi-Fi device and operating system. This could result in fees depending on your cell phone service provider, especially if you are using this feature while abroad. A flat rate data plan is strongly recommended. For more information, contact your cell phone service provider or refer to the owner's manual for your Wi-Fi device.
– You are responsible for all precautions taken for data protection, anti-virus protection, and protection against loss of data on mobile devices that are used, for example, to access the Internet through the Wi-Fi hotspot.
– In areas with poor GPS reception or outside the coverage range of the respective cell phone service provider, some functions and/or services may not be available, it may not be possible to send or receive data, or functionality may be limited.

Tips

– The availability of services depends on the subscription.
– AUDI AG provides access to services from third party providers. Permanent availability cannot be guaranteed, because that depends on the third party provider.
– Use of the most up-to-date mobile network standard is not available in every country. Contact an authorized Audi dealer or authorized Audi Service Facility or your cell phone service provider for additional information.
– Availability, scope, providers, screen display, and costs of services may vary depending on the country, model, model year, end device and rates.

Audi connect Infotainment

Description

Applies to: vehicles with Audi connect Infotainment

With Audi connect Infotainment services, online information is transmitted directly to the vehicle.

An Internet connection is required to use Audi connect Infotainment. Depending on the country ▶

and the vehicle equipment, the following options may be available:

– Embedded SIM card

WARNING

Always follow the information found in ⇨ ⚠ *in General information on page 208*.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

Embedded SIM card

Applies to: vehicles with Audi connect Infotainment and an embedded SIM card

The data connection for Audi connect Infotainment services is made through an embedded SIM card (eSIM card) that is installed in the vehicle. You can use the Audi connect Infotainment services immediately.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

Using a Wi-Fi hotspot

Applies to: vehicles with Wi-Fi hotspot

You can connect up to eight Wi-Fi devices (such as smartphones) with the MMI Wi-Fi hotspot. If the MMI is connected to the Internet ⇨ *page 208*, the connected Wi-Fi devices can also use the MMI's Internet connection.

Requirement: the ignition must be switched on.

- ▸ Select: MENU button > **Telephone** > right control button > **Wi-Fi settings** > **Wi-Fi**. Switch on the Wi-Fi hotspot.
- ▸ Select: MENU button > **Telephone** > right control button > **Wi-Fi settings** > **Network key**. The access data for the Wi-Fi hotspot is displayed. Switch on the visibility of the Wi-Fi hotspot if necessary.
- ▸ Switch the Wi-Fi function on in your mobile device and connect it to the MMI Wi-Fi hotspot using the authentication data that is shown.
- ▸ Follow any additional system prompts on your Wi-Fi device if necessary.

Your device is successfully connected with the MMI's Wi-Fi hotspot.

WARNING

Always follow the information found in ⇨ ⚠ *in General information on page 208*.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

Tips

For an explanation on conformity with the FCC regulations in the United States and the Industry Canada regulations, see ⇨ *page 390*.

Audi connect Infotainment services

Configuration

Applies to: vehicles with Audi connect Infotainment

Requirement: your vehicle must be connected to the Internet ⇨ *page 208*.

Some Audi connect Infotainment services must be configured through your personal myAudi account before using them for the first time.

- ▸ Register at my.audi.com.
- ▸ Add your vehicle to your myAudi account.
- ▸ Select: MENU button > **Audi connect** > right control button > **Log in**.
- ▸ Log in to myAudi in the vehicle using your e-mail address and password.

Tips

– For some Audi connect Infotainment services, you may also have to enter your myAudi access information when accessing services in the MMI.
– Some Audi connect Infotainment services must be activated at my.audi.com.
– Regardless of the key user and additional users, you can only connect one myAudi account to your vehicle. ▶

– To make logging in easier in the vehicle, you will receive an 8-digit myAudi PIN as an alternative to your myAudi password after you have created a myAudi account.
– For detailed information on configuration, visit my.audi.com.

Accessing Audi connect Infotainment

Applies to: vehicles with Audi connect Infotainment

▸ Select: the MENU button > **Audi connect**.

A list of all of the available Audi connect Infotainment services is shown on the Infotainment system display.

You can also filter the Audi connect Infotainment services by category:

▸ Select: MENU button > **Audi connect** > left control button > for example, **Navigation** for the Audi connect Infotainment services in the Navigation menu.

Basic functions

Applies to: vehicles with Audi connect Infotainment

▸ Select: MENU button > **Audi connect** > *desired Audi connect Infotainment service* > right control button.

Depending on the equipment and the Audi connect Infotainment service selected, the following basic functions may be available:

Save as preview

You can also see a preview of the selected Audi connect Infotainment services on the Audi connect Infotainment home page.

Show on map

You can show selected contents on the map and use them for route guidance.

Log in

See ⇨ *page 209*.

Read out[1)]

You can allow the MMI to read out the selected contents.

Call

If a phone number was assigned to an entry, you can call the number, for example to reserve tickets.

Refresh

The contents for the selected Audi connect Infotainment service are refreshed.

Start route guidance

If a location was saved with an entry, you can use it as the navigation destination. Route guidance starts immediately.

Change search area

The set search area can be changed at any time. Additional information on search areas can be found under ⇨ *page 221*.

Closing Audi connect Infotainment services

Regardless of the function selected, you can close an Audi connect Infotainment service at any time and return to the home screen.

Services

Applies to: vehicles with Audi connect Infotainment

Depending on the country and the vehicle equipment, the following services may be available:

Weather information

Information on current weather conditions as well as weather forecasts for the selected search area.

▸ Select and confirm **Weather**.

Online news

▸ Select: **Online news** > *desired newsfeed* > *a headline*. ▶

1) Not available in all languages.

If you logged in to myAudi in your vehicle ⇨ *page 209*, personalized newsfeeds can be displayed.

Access to Twitter

Requirement: you must have connected your vehicle with myAudi ⇨ *page 209*. You must have connected your myAudi account with Twitter.

You can only connect one Twitter account with your myAudi account. Not all settings can be adjusted in the MMI. Some can only be adjusted through the Twitter website.

- Select: **Twitter** > left control button > *desired function* (for example, **Trends**).

Charging stations

Applies to: vehicles with charging stations and plug-in hybrid drive

Information on charging stations in the selected search area.

- Select and confirm **Charging stations**.

WARNING

Always follow the information found in ⇨ ⚠ *in General information on page 208*.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

Additional options

Applies to: vehicles with Audi connect Infotainment

- Select: MENU button > **Audi connect** > right control button.

Depending on the equipment and the country, the following options may be available in the overview of Audi connect Infotainment services:

About Audi connect

Here you will find legal information regarding Audi connect Infotainment usage.

Log in

See ⇨ *page 209*.

Connection manager

See ⇨ *page 262*.

License subscription

The validity and expiration date of your licenses are displayed.

Refresh

The content of the selected Audi connect Infotainment service or the entire Audi connect Infotainment list is updated.

Data privacy

See ⇨ *page 385*.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

Audi connect vehicle control services

Description

Applies to: vehicles with Audi connect vehicle control

With Audi connect vehicle control services [1], you can utilize various services using the myAudi app or online at my.audi.com.

WARNING

Always follow the information found in ⇨ ⚠ *in General information on page 208*.

Tips

– Accessing specific data or controlling functions remotely depends on the charge level of the vehicle battery. Therefore, these functions only have limited availability after switching off the ignition.
– An eSIM card establishes the Internet connection for Audi connect vehicle control services. The costs for this are included in ▶

1) Depends on the country and equipment. These services are available for a limited time.

the price of Audi connect vehicle control services. The cell phone network, for example, must be available to use these services.

Setup

Applies to: vehicles with Audi connect vehicle control

For some Audi connect vehicle control services, the vehicle owner must be set up as the key user.

Setting the key user

Requirement: a key user must not be set yet. The ignition must be switched on.

- ▸ To set a key user for the vehicle, you will need a myAudi account. Register at my.audi.com.
- ▸ Link your vehicle to the account at my.audi.com and then verify your myAudi account immediately in order to use the Audi connect vehicle control services.
- ▸ You can also verify your myAudi account later. Log in at my.audi.com with your access information and verify your myAudi account in user management using the verification process that is given.
- ▸ Select: MENU button > **Audi connect** > if necessary, **Display available functions** > right control button > **Audi connect user management** > **Key user** > **Set key user**.
- ▸ Enter your myAudi user name and the 10-digit vehicle code ⇨ *page 26*. The key user is set. You have the rights to use the Audi connect vehicle control services ⇨ *page 212* as well as the ability to manage other vehicle functions and any other users.

Resetting the primary user

If you remove the key user, all other users and their authorizations will be deleted. It will no longer be possible to use the Audi connect vehicle control services.

Requirement: a key user must be set. The ignition must be switched on.

Select: MENU button > **Audi connect** > right control button > **Audi connect user management** > **Key user** > **Reset key user**.

Using the myAudi app

- ▸ Install the myAudi app on your mobile device and log in with your access information.

Tips

- – Depending on the country, you may be able to use the myAudi app or my.audi.com.
- – If you sell your vehicle, reset the key user and restore all settings to the factory default settings ⇨ *page 262*.
- – It may also be necessary to enter your 4-digit PIN set at my.audi.com when accessing some Audi connect vehicle control services.
- – Store the vehicle code in a secure place. It may be necessary to re-enter the vehicle code.
- – Pay attention to upper- and lower-case letters when entering the vehicle code.
- – If you do not have the 10-digit vehicle code, contact an authorized Audi dealer or authorized Audi Service Facility.

Additional options

Applies to: vehicles with Audi connect vehicle control

License subscription

The validity and expiration date of your subscriptions are displayed. When this function is activated, you will be notified before your subscription expires.

Select: MENU button > **Audi connect** > **Display available functions** > right control button > **License subscription**.

Warning levels

Requirement: the primary user must have set one or more warning levels. Secondary users can only see if a warning level is active or not.

Select: MENU button > **Audi connect** > right control button > **Alerts**.

Services

Applies to: vehicles with Audi connect vehicle control

Depending on the country and the vehicle equipment, the following services may be available: ▸

Locking and unlocking the vehicle by remote control

Requirement: the vehicle must be parked and the ignition must be switched off.

This service allows you to unlock or lock your vehicle.

Vehicle status report

This service transfers driver information system data to a server. Depending on the vehicle equipment, certain data may be accessed, such as the remaining range or mileage. The values may differ from the values displayed in the vehicle.

Car Finder

This service transmits the parking location to a server when the ignition is switched off. The vehicle location, your location, or the route to your vehicle can be displayed. The new parking location cannot be determined with this service if the vehicle is moved after shutting the vehicle off and without switching the ignition on and off again, for example if the vehicle is towed or stolen.

– **Deactivating and activating Car Finder**: select: MENU > **Audi connect** > **Car finder**.

Online Audi service request

Requirement: the service must be activated online at my.audi.com and an authorized Audi dealer or authorized Audi service facility must be selected.

This service transmits service-relevant data to your selected authorized Audi dealer or authorized Audi service facility. They will contact you before your next service appointment.

Trip data

Applies to: vehicles with plug-in hybrid drive

Depending on the vehicle equipment, certain driver information system data is transmitted to a server. An overview of your trips with the values from the short-term memory/long-term memory can be displayed, for example, the driving duration. The values may differ from the values displayed in the vehicle.

Remote charging

Applies to: vehicles with plug-in hybrid drive

Requirement: the ignition must be switched off when changing the charging mode.

You can control and monitor the charging process remotely with the service.

– Charging mode: immediate charging or delayed charging (timer)
– Program the timer
– Deactivate or activate the timer

For additional information, see ⇨ *page 95*.

Auxiliary heating and air conditioning

Applies to: vehicles with plug-in hybrid drive

Requirement: the ignition must be switched off when starting or stopping climate control.

You can control the climate control in your vehicle remotely using these services.

– Start or stop climate control
– Program the timer
– Deactivate or activate the timer

For additional information, see ⇨ *page 73*.

Stolen Vehicle Locator

This service assists you in locating your vehicle if it is stolen.

– Contact the police. You receive a Case ID.
– Call the service hotline and give your Case ID.

The service hotline will forward the established data to the police. You receive the Audi Service hotline number when you purchase your vehicle.

Geofencing Alert

Requirement: a key user must be set in the vehicle ⇨ *page 212*.

This service allows you to set permitted and forbidden zones for your vehicle as well as set time limits for these zones. If your vehicle leaves a permitted zone or enters a forbidden zone, you will be notified with a push notification and/or an e-mail. ▶

Speed Alert

Requirement: a key user must be set in the vehicle ⇨ *page 212*.

You can set up to two speed limits for your vehicle using this service. If your vehicle exceeds a set speed limit, you will be notified with a push notification and/or e-mail.

Valet Alert

Requirement: a key user must be set in the vehicle ⇨ *page 212*.

If you give your vehicle to a parking service, you can set a zone and a speed limit using the myAudi app. If the vehicle leaves the zone or exceeds the speed limit, you will be notified with a push notification and/or e-mail.

WARNING

- Do not ignore messages and warning or indicator lights that turn on in the vehicle because of the information in the vehicle status report. This could lead to break downs in on the road, accidents and serious injuries.
- Only perform charging functions on the high-voltage battery if the vehicle is shut off correctly, is connected to a suitable socket and if the ignition is switched off.

Tips

For some services, you can select if you would like to be notified with a push notification and/or an e-mail.

Settings

Cell phone network

▸ Select: MENU button > **Audi connect** > right control button > **Connection manager**.
▸ Select: right control button > **Online settings** > **Data connection settings**.

Depending on the country, vehicle equipment, and connection type, the following functions may be available:

Data connection settings

Using the **Data connection settings** menu, you can set when the system should connect to the Internet. The Internet connection disconnects automatically once the requested Audi connect Infotainment service no longer requires any data.

- **Connection setup**: you can select when a data connection should be established.
- **Audi connect (MMI)**: when this function is switched on, a data connection is automatically established in order to use Audi connect Infotainment services.
- **Wi-Fi devices**: when this function is switched on, you can permit or deny mobile devices to connect to the Internet on the Wi-Fi hotspot.

WARNING

Always follow the information found in ⇨ ⚠ *in General information on page 208*.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

Tips

For more information on roaming charges, contact your cell phone service provider.

Wi-Fi settings

Applies to: vehicles with Wi-Fi hotspot

Requirement: the ignition must be switched on.

▸ Select: MENU button > **Telephone** > right control button > **Wi-Fi settings**.

Depending on the country and the vehicle equipment, the following functions may be available:

Wi-Fi

When the function is switched on, the MMI's Wi-Fi hotspot is active and Wi-Fi devices can be connected to the hotspot.

Network key

The Wi-Fi connection between the MMI and your Wi-Fi device is encrypted. You can change the following information if needed. ▶

– **Access point (SSID)**: Wi-Fi hotspot name.
– **Password**: a random password was set at the factory in the MMI. The password can be changed. The encryption method requires a password to be at least eight characters long. Choose a secure password.
– **Visible to others**: you can switch the visibility of the Wi-Fi hotspot on or off.

WARNING

Always follow the information found in ⇨ ⚠ *in General information on page 208*.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

Tips

In vehicles without Audi connect Infotainment, the use of the Wi-Fi hotspot is only possible for the Wi-Fi audio player*. A data connection to the Internet cannot be established.

Data plans[1)]

Applies to: vehicles with data plans

Requirement: you must have created a myAudi account at my.audi.com. Your vehicle must be registered in your myAudi account.

You can purchase data plans at my.audi.com.

WARNING

Always follow the information found in ⇨ ⚠ *in General information on page 208*.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

Tips

If driving out of the country, applicable data plans must be purchased.

Troubleshooting

Applies to: vehicles with Audi connect Infotainment

The information that follows lists some troubleshooting options. They depend on the equipment.

Problem	Solution
Audi connect Infotainment services: individual Audi connect Infotainment services are grayed out or not available.	Some Audi connect Infotainment services must be activated or configured through your personal myAudi account before using them for the first time. You can find detailed information online at my.audi.com.
Wi-Fi hotspot: it is not possible to connect through Wi-Fi.	Check if Wi-Fi is activated in the MMI ⇨ *page 214*. Delete all existing Wi-Fi connections on your mobile device and restart it.

1) Not available in every market.

Emergency call

Introduction

Applies to: vehicles with emergency call function

Depending on the country and the vehicle equipment, the following functions may be available.

With **emergency call**, you can call for help in dangerous situations as quickly as possible. Use this function when emergency help is needed ⇨ *page 216*.

With **online roadside assistance**, you can request assistance if there is a breakdown or a minor accident ⇨ *page 217*.

WARNING

In areas with poor GPS reception or outside the coverage range of the respective cell phone service provider, some functions and/or services may not be available, it may not be possible to send or receive data, or functionality may be limited.

Tips

- The services are provided through a SIM card installed in the vehicle. The cost of the call and data connections is included in the price of the services. Services are provided assuming that the cell phone network required for the installed SIM card is functioning and available for use. The available services set by Audi AG are only available within the cell phone network coverage area for the cell phone service provider selected by Audi AG.
- You can find what data will be transferred at www.audi.com.

Tips

- The emergency call function cannot be deactivated in the Infotainment system settings.
- The availability of the services offered depends on the country and may change in the future.

Making an emergency call

Applies to: vehicles with emergency call function

The emergency call can be made two different ways.

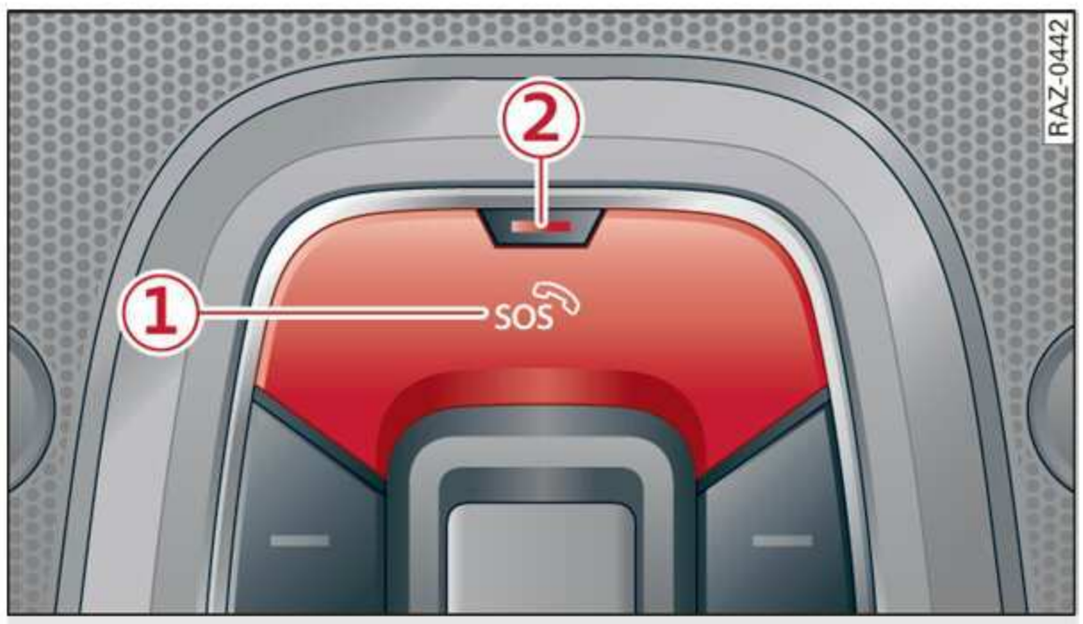


Fig. 189 Front headliner: cover for the emergency call button

Requirement: the LED ② must be green.

Manual emergency call

Requirement: the ignition must be switched on.

- ▸ Tap the cover ① to open it.
- ▸ Press and hold the emergency call button until the LED ② blinks green. The emergency call will be made.
- ▸ If the emergency call button is pressed by mistake, then press it again immediately and hold it until the LED stays green. The emergency call will be canceled.

Automatic emergency call

The vehicle electrical system initiates an automatic emergency call under certain circumstances, for example if an airbag deploys. The LED in the emergency call button ② blinks green. The emergency call will be made. It cannot be canceled.

The LED indicates the status of the system as follows: ▶

Emergency call

Description

Applies to: vehicles with emergency call function

An emergency call is a combination of data transmission and a phone call. The data transmission from your vehicle forwards important information, such as the vehicle and position data, to the emergency call center.

– **Green** – The emergency call function is available.
– **Red** – There is a malfunction in the emergency call function. Contact an authorized Audi dealer or authorized Audi Service Facility. Note the messages about the availability of the emergency function ⇨ *page 217*.
– **Off** – The emergency call function is not available, perhaps because no network is available.

Tips

If the emergency call is canceled due to a poor connection, then the system automatically tries to connect again.

Messages

Applies to: vehicles with emergency call function

Emergency call function: malfunction! Restricted functionality. Please contact Service

If this indicator light turns on and this message appears, the emergency call function is restricted. For example, you cannot call the emergency call center, but data may still be transmitted under certain circumstances. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Emergency call function: malfunction! Function unavailable. Please contact Service

If this indicator light turns on and this message appears, you cannot make an emergency call. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Online roadside assistance

Description

Applies to: vehicles with online roadside assistance

An online roadside assistance call [1] is a combination of data transmission and a phone call. The data transmission from your vehicle forwards important information to the Audi service center, such as the vehicle and position data.

Calling online roadside assistance

Applies to: vehicles with online roadside assistance

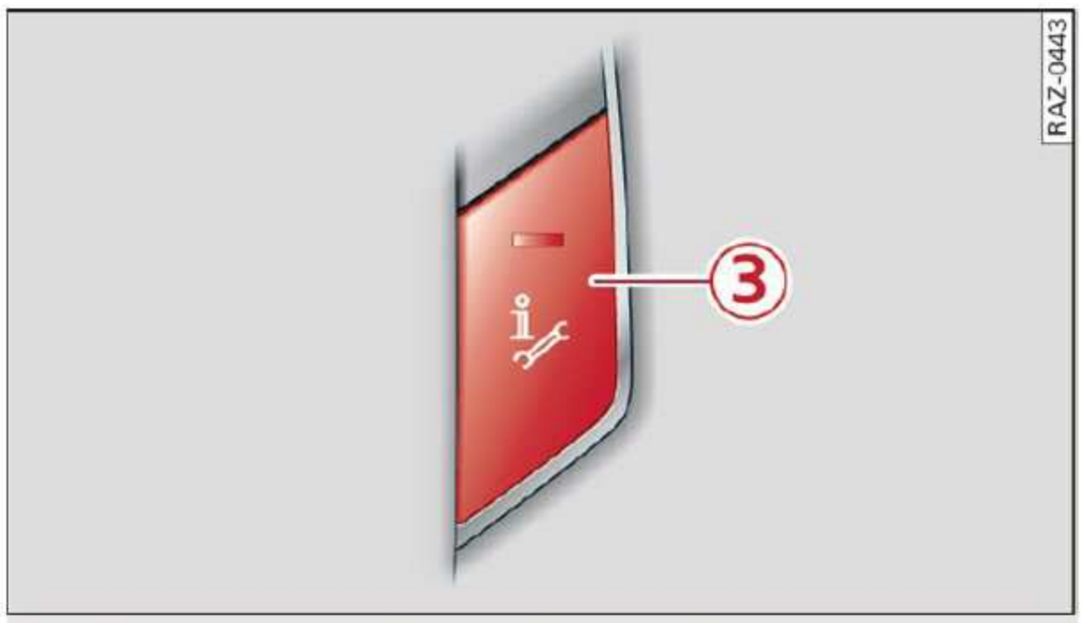


Fig. 190 Front headliner: online roadside assistance button

Calling online roadside assistance

- Press the button (3). The LED in the button turns red. The online roadside assistance call will be made.
- If you press the button (3) by mistake, then press it again. Or
- Select and confirm **Cancel** or **End call** in the Infotainment system.

Audi incident assistance

A minor accident may be detected by the vehicle electrical system. You have the option of selecting between **Call online roadside assistance** or **Make emergency call**.

- Select one of the options and confirm it by pressing the control knob.

Tips

If the roadside assistance call is canceled due to a poor connection, then the call must be made again.

[1] The availability of the services offered depends on the country and may change in the future.

Navigation

Opening navigation

Applies to: vehicles with navigation system



Fig. 191 Infotainment system: entering a destination

The navigation system directs you to your destination, around traffic incidents, and on alternative routes, if desired.

▸ Press the NAV/MAP button.

The **Enter destination** menu is displayed after opening navigation.

The following information can be displayed:

① Input field for free text search 218
② Home address 220
③ Last destinations 219
④ Stored favorites 220

Once you select an entry from the list (depending on the vehicle equipment), the corresponding destination will display as a map preview* ⑤.

If you have connected a mobile device to the MMI, your directory contacts will also be listed if they have navigation data assigned to them.

The **Favorites** ④ menu item as well as the directory/contacts are only shown in the **Enter destination** menu if you have entered one or more characters using the input field.

Switching between the destination entry and the map

– Press the NAV/MAP button repeatedly until the map is displayed, or
– Select: left control button > **Switch to map**.

Certain information can also be displayed in the head-up display* ⇨ *page 24*.

WARNING

– The demands of traffic require your full attention. Always read the chapter ⇨ *page 168, Traffic safety information*.
– The route calculated by the navigation system is a driving recommendation. Follow the traffic regulations that are applicable in the country where you are operating the vehicle. In the event that the driving directions contradict traffic regulations, always follow the traffic regulations applicable in the country where you are operating the vehicle to reduce the risk of an accident.

Tips

– Snow and obstructions on the GPS antenna or interference caused by trees and large buildings can impair satellite reception and affect the system's ability to determine the vehicle position. Several deactivated or malfunctioning satellites can also interrupt GPS reception and affect the system's ability to determine the vehicle position.
– Because street names sometimes change, the names stored in the MMI may in rare cases differ from the actual street name.

Entering a destination

Free text search for destinations

Applies to: vehicles with navigation system

With the free text search, you can enter the navigation destination data all at once in any order using the MMI touch control pad* or the letter/number speller (for example, 20 Main St., Los Angeles). Likewise, you can search for points of interest, contacts, previous destinations or favorites to navigate to the desired address.

Free text search

▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
▸ Push the control knob up. The input field is displayed ① ⇨ *page 218, fig. 191*.
▸ Enter one or more search terms into the input field. ▶

- ▸ If available, confirm the input suggestion* to complete the entry or a word suggestion* ⇨ *page 176, Letter/number speller*.
- ▸ Turn the control knob to the right to change the results list.
- ▸ Select and confirm a destination from the results list.

The route displays as an overview in the map. Route guidance is already active.

Narrowing the search area

All countries/states are selected at the factory for the free text search.

- ▸ Select: the right control button > -Country/state selection- in the input field **1** ⇨ *page 218, fig. 191*.
- ▸ Select the country or state (●) that should be searched using the free text search in order to narrow the number of results and increase the search speed. The selected entry in the country/state selection is stored, or:
- ▸ Select **All countries/states**.

Tips

- – The MMI input suggestions depend on the last navigated destinations.
- – Up to 50 entries can be stored in the last destinations list.
- – Additional information on free text searches can be found under ⇨ *page 178*.

Loading previous destinations

Applies to: vehicles with navigation system

Your last destinations are automatically stored and can be loaded directly as a destination.

Opening a menu

Requirement: a destination was already navigated to.

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.

Your last destination is listed directly in the **Enter destination** menu under the home address and identified with the symbol ③ ⇨ *page 218, fig. 191*.

- ▸ Select and confirm one of the last destinations from the list.

Deleting previous destinations

- ▸ Select one of the last destinations from the list.
- ▸ Select: right control button > **Delete destination** > **Delete this last destination** or **Delete all last destinations**.

The selected destination or all last destinations is/are deleted and no longer displayed in the **Enter destination** menu.

Entering an address

Applies to: vehicles with navigation system

As an alternative to free text search, you can also enter an address in stages.

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Select: left control button > **Enter address**.
  - – **Entering a destination using a country/state**: select and confirm **Country/state**. Select and confirm a country/state directly from the list, or search for a country/state using the input field.
  - – **Entering a destination using the City/ZIP code**: select and confirm **City/ZIP code**. Enter a city or a ZIP code, or select and confirm a city in the list.
  - – Select and confirm additional details about the destination such as **Street**, **House number** or **Downtown**.
  - – **Destination entry using a street intersection***: Requirement: you must enter a street. Select and confirm **Intersection**. Select and confirm a street directly from the list, or search for a street using the input field.
  - – Select and confirm **Start route guidance**.

Selecting a destination on the map

Applies to: vehicles with navigation system and MMI touch

A point on the map can be used as the destination. ▶

Opening the map

► Press the NAV/MAP button repeatedly until the map is displayed.

Adjusting the scale

► Turn the control knob to the left or to the right.

Activating the crosshairs

► Press the control knob. The crosshairs are shown on the map.

Moving the crosshairs

► Move the crosshairs to the destination using the MMI touch control pad ⇨ *page 173*.

Selecting the destination

► Press the control knob when the crosshairs are shown.
► Select and confirm **Start route guidance**.

Hiding the crosshairs

► Press the BACK button.

Additional information about the location of the crosshairs: when you select map content using the crosshairs, a display of available information appears (such as street name, address or points of interest) (12) ⇨ *page 228, fig. 200*.

Setting a home address/favorite as the destination

Applies to: vehicles with navigation system

You can quickly and easily start route guidance to your home address using the home address function. Favorites allow easier access to frequently used destinations.

Opening a menu

► Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.

Setting a home address as the destination

Requirement: a home address must be saved ⇨ *page 226*.

Your **Home address** is shown directly in the **Enter destination** menu (2) ⇨ *page 218, fig. 191*.

► Select: **Home address**.

Setting a favorite as the destination

Requirement: a favorite must be stored as a destination ⇨ *page 226*.

► Enter at least the first three letters of the desired favorite in the free text search input field. The favorites found are shown in the Infotainment system display (4) ⇨ *page 218, fig. 191*.
► Select and confirm the desired entry.

Tips

– Additional settings for the home address can be found under ⇨ *page 226*.
– Additional settings for the favorites can be found under ⇨ *page 226*.

Transferring a destination from the directory

Applies to: vehicles with navigation system

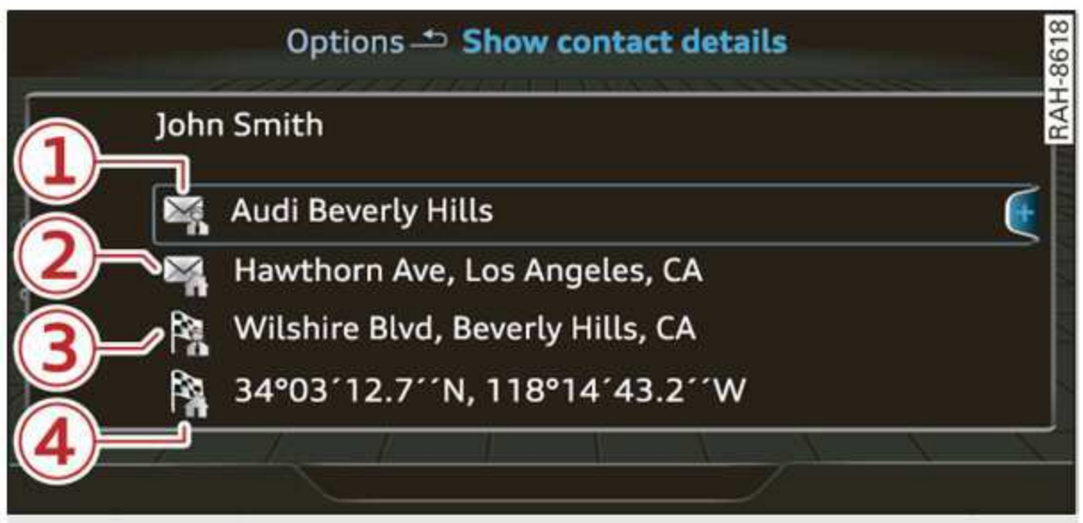


Fig. 192 Infotainment system: contact info

You can navigate directly to destinations in the directory.

Requirement: an address with navigation data or a navigation destination must already be assigned to a contact ⇨ *page 226*.

► Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
► Select: left control button > **Directory** > *a contact*.

The directory/contacts are shown in alphabetical order and are marked with symbols to indicate the storage location:

(1) Business address
(2) Private address
(3) Business destination ▶

④ Private destination

– Select and confirm an address or a destination. When you have selected a destination, the route guidance can be started directly.
– Check the address input again when selecting an address.
– Then select and confirm **Start route guidance**.

Additional directory functions in the navigation system can be found under ⇨ *page 226*.

Tips

– Addresses that have been imported from your mobile device into the MMI can also be used as a destination.
– If a contact is grayed out in the directory, this contact has neither a destination nor an address assigned to it.

Point of interest search

Applies to: vehicles with navigation system

Opening the POI search

► Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
► Select: left control button > **Points of interest**.

Change search area

► Select and confirm **Search area** > *a search area from the list*.

The following search categories are available:

Nearby: points of interest can be selected from different categories. The points of interest are listed starting from the immediate vicinity of the vehicle up to a radius of approximately 124 miles (200 km).

Along the route: points of interest along the route can only be selected during active route guidance. The points of interest are located directly along or in the immediate vicinity of the calculated route. The points of interest can likewise be selected from various categories. For example, you can search for a hotel or parking lot along the route.

Near destination/Near stopover: points of interest near a destination or a stopover can only be selected during active route guidance. The points of interest can likewise be selected from various categories. For example, you can search for a hotel or parking lot at the destination.

In a new city: select a country/state or search in a new city. Enter the name of the desired city. Points of interest can be selected from various categories. This function allows you to search for points of interest in any city regardless of the active route guidance or the vehicle position.

Searching for the name of a point of interest in the selected search area

► Select: **Find entry** > **Enter point of interest**.
► Enter the name of the point of interest.

Searching for a point of interest in a specific category

► Select **Select category**.
► Select and confirm a category, such as Restaurants.

Tips

– Distances to points of interest are displayed as a straight-line distance from your current location. The actual distance from your current location to the point of interest is updated automatically. The list of points of interest that were found is not resorted when this happens.
– There may be entries in the list that cannot be displayed completely due to their length. Select the corresponding entry from the list. Select: right control button > Show destination details. Detailed information for the selected entry in the list is then displayed.

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Point of interest search (charging station)

Applies to: vehicles with navigation system and plug-in hybrid drive



Fig. 193 Infotainment system: searching for charging stations

You can display charging stations using the point of interest search ⇨ *page 221*.

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Select: left control button > **POIs** > **Charging stations**.

You can also display the charging stations along the current route.

Requirement: route guidance must be active and the map must be displayed.

- ▸ Select: left control button > **POIs along the route** > **Charging stations**.

If available, all charging stations in the selected search area will be displayed with the following additional information.

If the charging station is open 24 hours a day, **24h** will appear after the name of the charging station.

The hours of operation for the charging stations are displayed in the destination details.

Displaying destination details: select the right control button > **Show destination details**.

Apply charging station as the destination: press the control knob. Select and confirm **Start route guidance**.

You can find additional information about charging your vehicle in ⇨ *page 95*.

Online point of interest search (online search)

Applies to: vehicles with a navigation system and Audi connect Infotainment

You can search for points of interest on the Internet.

Requirement: the requirements for Audi connect Infotainment must be met ⇨ *page 208*.

Opening the online search

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Select: left control button > **Online search**. The search area last set is displayed in the input field.

Change search area

- ▸ Select: right control button > **Select search area**.

Searching for an online destination in the selected search area

- ▸ If necessary, enter a new city, state, or country.
- ▸ Enter the search term, such as hotel.
- ▸ Press the control knob.
- ▸ Select and confirm an online destination from the list.

Searching for an online destination in a specific category

- ▸ Select and confirm **Select category**.
- ▸ Select and confirm a category, such as Restaurants.

Find which search areas are available under ⇨ *page 221, Point of interest search*.

You can search for online destinations using the voice recognition system* ⇨ *table on page 191*.

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *page 208*.

Accessing destinations from myAudi account

Applies to: vehicles with a navigation system and Audi connect Infotainment

Import individual destinations from your myAudi account into the MMI.

Requirement: the requirements for Audi connect Infotainment must be met ⇨ *page 208*. You must have a registered myAudi account at my.audi.com. You must have a vehicle assigned to your myAudi account and you must have stored one or more destinations.

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Select: left control button > **myAudi contacts**.
- ▸ If necessary, enter your myAudi user data or your myAudi PIN ⇨ *page 209*. The contacts stored in myAudi are displayed.
- ▸ Select and confirm a contact.
- ▸ Select and confirm a private or business destination.
- ▸ Select and confirm **Start route guidance**.

Tips

- You only need to enter the myAudi user data one time.
- You can receive your myAudi PIN if you have set up a myAudi account.
- For additional information, visit www.audi.com.

Entering a destination using geo coordinates

Applies to: vehicles with navigation system

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Select: left control button > **Geographical coordinates**.
- ▸ Select **Latitude/Longitude**.
- ▸ Press the control knob to set the individual values.
- ▸ Turn the control knob to the left/right to change the selected value.
- ▸ Select and confirm **Start route guidance**.

Adding a stopover

Applies to: vehicles with navigation system



Fig. 194 Infotainment system: active route guidance with stopover

You can enter an additional destination when route guidance is active.

Requirement: route guidance must already be active.

Opening a menu

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.

Entering a destination as a stopover

- ▸ Enter a destination in the input line ⇨ *page 218*.
- ▸ Select and confirm a destination from the results list.
- ▸ Select and confirm **Add as stopover**.

Deleting a stopover

- ▸ Push the control knob up. Free text search and active route guidance are displayed, or:
- ▸ Turn the control knob to the left until the active route guidance is shown.
- ▸ Select and confirm **Delete stopover** ②. The stopover is deleted.

Cancel route guidance

Applies to: vehicles with navigation system

Requirement: route guidance must be active.

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Turn the control knob to the left until the active route guidance is shown ⇨ *page 223, fig. 194*. ▶

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- ▸ Select and confirm **Delete destination** ① ⇨ *page 223, fig. 194*. The destination is deleted, or:
- ▸ Select: right control button > **Cancel route guidance**

Additional options when entering a destination

Applies to: vehicles with navigation system

- ▸ Press the right control button.

Depending on the selected function, the following options may be available when entering a destination:

Cancel route guidance: Requirement: route guidance must be active. Route guidance is canceled. For additional information, see ⇨ *page 223*.

Country information: you can display the applicable urban and rural speed limits for any country/state. If this function is activated, the information will be automatically shown to you in the route information ⑦ ⇨ *page 228, fig. 199* when the speed limit is exceeded ⇨ *page 230*.

Country/state selection ⇨ *page 219*.

Route criteria ⇨ *page 227*.

Show location on map: Requirement: you must have selected a destination from the results list. The destination entered is displayed on the map.

Parking at this location*: Requirement: you must have selected a destination from the results list. All parking options near the selected location are displayed in the Infotainment system.

Delete: the selected entry is deleted. You can delete individual entries or all entries (for example, favorites or last destinations).

Audi connect at this location*: Requirement: you must have selected a destination from the results list. Allows you to search for items in the vicinity of the selected location, such as **Travel information**.

Online traffic data*: the online traffic information ⇨ *page 234* can be switched on or off.

Add destination to contact ⇨ *page 226*.

Store as favorite ⇨ *page 226*.

Voice guidance ⇨ *page 228*.

Navigation settings ⇨ *page 227*.

Tips

Information on online traffic data* can also be found online at www.audi.com.

Personal route assistance

Applies to: vehicles with navigation system and personal route assistance



Fig. 195 Infotainment system: personal route display

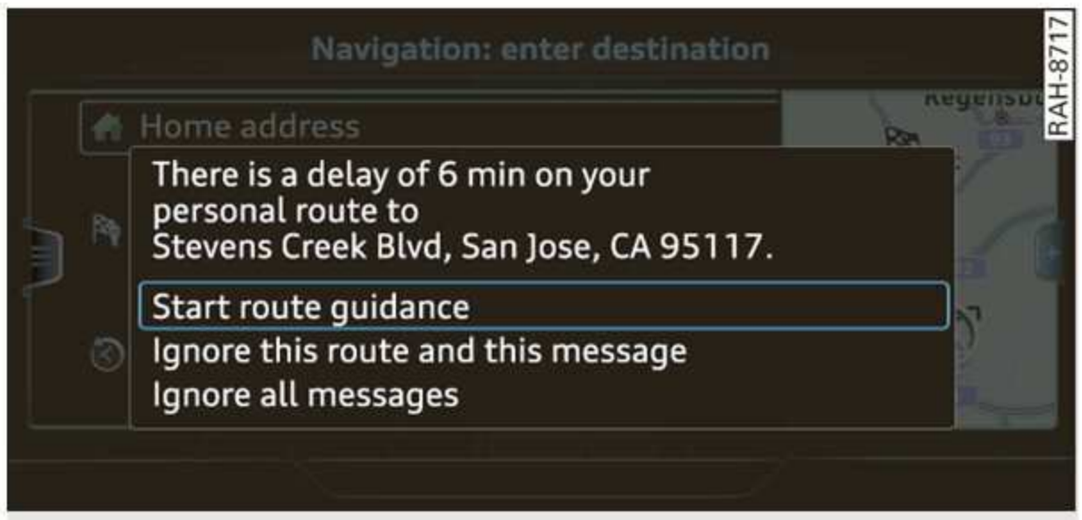


Fig. 196 Infotainment system: information about personal route

Your MMI can learn the routes that you drive frequently (such as your daily commute to work and back) and suggest route guidance based on the current vehicle position.

Opening personal routes

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Select: right control button > **Navigation settings** > **Personal route assistance**.

When the function is switched on ☑, the MMI records the frequently-driven routes regardless of whether a destination was entered and reached or not. ▶

As long as route guidance is not active, your personal routes will be listed in the **Enter destination** menu under the home address and indicated with the 🏁 symbol (1). When personal route assistance is switched on, this symbol is displayed in the Navigation menu and in the Infotainment system display status line at the same time.

The distance to the destination and the calculated arrival time are also displayed for your personal routes. Without starting route guidance, your MMI monitors the traffic conditions for your personal routes and shows possible traffic incidents for routes that are most likely to be driven in the Infotainment system display (2).

Better routes

A message will be displayed if there is a large traffic incident (more than 12 minute delay) regardless of which menu is selected ⇨ *fig. 196*.

- ▸ Select and confirm one of the following options:

Start route guidance: the MMI starts the route guidance for the personal route displayed and searches for a faster route if available.

Ignore this route and this message: the displayed destination with all applicable personal routes is no longer factored into the current trip. No more messages are shown for the displayed destination. The displayed destination with all applicable personal routes will be factored into the trip again only after stopping the vehicle and switching the ignition on again.

Ignore all messages: all personal routes are no longer factored into the current trip. No more messages are displayed. Messages for personal routes when there is increased traffic will appear again after the vehicle is stopped and the ignition is switched on again.

As soon as you switch off personal route assistance, the symbol in the status line turns off and your trips are no longer recorded. Trips that were already stored remain stored.

Deleting personal routes

- ▸ Select the desired personal route in the **Enter destination** menu (1).
- ▸ Select: right control button > **Delete destination**.

Deleting all personal routes

- ▸ Select: MENU button > **Settings** > left control button > **MMI settings** > **Factory settings**.
- ▸ Select: **Navigation and online memory** > **Restore factory settings** ⇨ *page 262*.

Tips

- Personal routes are learned based on the vehicle position. The route is prioritized according to how frequently you drive to a destination.
- A maximum of three personal routes are displayed in the **Enter destination** menu. Based on the current vehicle position, the traffic situation for the route that is most likely to be driven out of the three routes will always be monitored.
- Please note that personal routes that have already been stored will remain stored after the ignition is switched off and they must be deleted manually.

Alternative routes

Applies to: vehicles with navigation system



Fig. 197 Infotainment system: display of alternative routes in the overview map

Requirement: a destination must be entered and the route guidance must be started.

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Select: right control button > **Navigation settings** > **Show alternative routes**.

Three routes are displayed in the overview map after you enter a destination. ▶

▸ Select and confirm the desired route that you would like to use for route guidance.

If available, the following information will appear on the route suggestions:

– Route type (fast ①, fast alternative ②, economic route ③)
– Distance to the destination and the calculated arrival time
– Traffic congestion along the route including time delays

The route that was calculated according to the route criteria you selected is shown on the overview map . The special properties of the route will also be displayed ④ and provided as a spoken message.

Using the control knob, you can select the possible routing for the alternative routes and show them on map Select and confirm the desired route that you would like to use for route guidance.

Additional settings

Home address

Applies to: vehicles with navigation system

Opening a menu

▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.

Storing a home address

▸ Select and confirm **Home address** ② ⇨ *page 218, fig. 191*. After opening the home address for the first time, you will be asked to create a home address.
▸ Select and confirm **Create now**.
▸ Enter a destination or select a destination from the list.

Editing the home address

▸ Select the **Home address** ② ⇨ *page 218, fig. 191*.
▸ Select: right control button > **Edit home address**.
▸ Select and confirm a new destination as the home address.

The selected destination is stored as the new home address.

Favorites

Applies to: vehicles with navigation system

Opening a menu

▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.

Saving a destination as a favorite

▸ Search for the desired destination in the input field, or:
▸ Select a destination from the list.
▸ Select: Right control button > **Store as favorite**.

Renaming a favorite

▸ Select: left control button > **Favorites** > *select a favorite from the list* > right control button > **Rename favorite**.

Moving a favorite

▸ Select *a favorite from the list* > right control button > **Move favorite**.
▸ Select and confirm the location of the selected favorite.

Deleting a favorite

▸ Select *a favorite from the list* > right control button > **Delete favorite** > **Delete this favorite** or **Delete all favorites**.

Directory contacts

Applies to: vehicles with navigation system

Two addresses (private/business) can be assigned as destinations for each contact in the directory.

Opening a menu

▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.

Storing a destination as a contact in the directory

Requirement: a mobile device must be connected to the MMI ⇨ *page 195*. ▶

- ▸ Select: *a destination* > right control button > **Add destination to contact**.
- ▸ Enter the first letters of the desired contact in the free text search input field ⇨ *page 218, fig. 191* and then select a contact from the list.
- ▸ Select and confirm **Add business destination** or **Add private destination**.

Navigation settings

Applies to: vehicles with navigation system

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Select: right control button > **Navigation settings**.

Depending on the selected function, the following settings can be selected:

Show alternative routes

Up to three suggested routes are shown on the map when this function is switched on ☑ ⇨ *page 225*.

Low fuel warning

A message is displayed if the fuel gauge goes below the reserve marking when this function is switched on ☑. Confirming this message displays a list of gas stations in the area. When a gas station is selected, route guidance from the current vehicle position is calculated.

Trailer mode*

Trailer mode is switched off at the factory.

When the function is switched on ☑, the maximum permitted speed for vehicles with trailers is incorporated into the route guidance and the calculated arrival time is adjusted accordingly. Trailer mode is displayed using symbols in the side menu on the map.

Personal route assistance*

Personal route assistance is switched off at the factory.

Your trips are recorded and destinations are suggested by the MMI when this function is switched on ☑ ⇨ *page 224*.

The personal route assistance is indicated by the symbol in the status line of the Infotainment system display.

Notification when nearby*

The notification when nearby is switched off at the factory.

The MMI notifies you when you are approaching selected points of interest when this function is switched on ☑. You can also have a **Notification tone**.

Presentation mode

The **Presentation mode** helps you to effectively plan a trip and follow the planned route without moving the vehicle. You can use **Select starting point** when you would like to calculate a route starting from a location other than the vehicle position, for example. Start **Presentation mode** to simulate route guidance.

Route criteria

Applies to: vehicles with navigation system

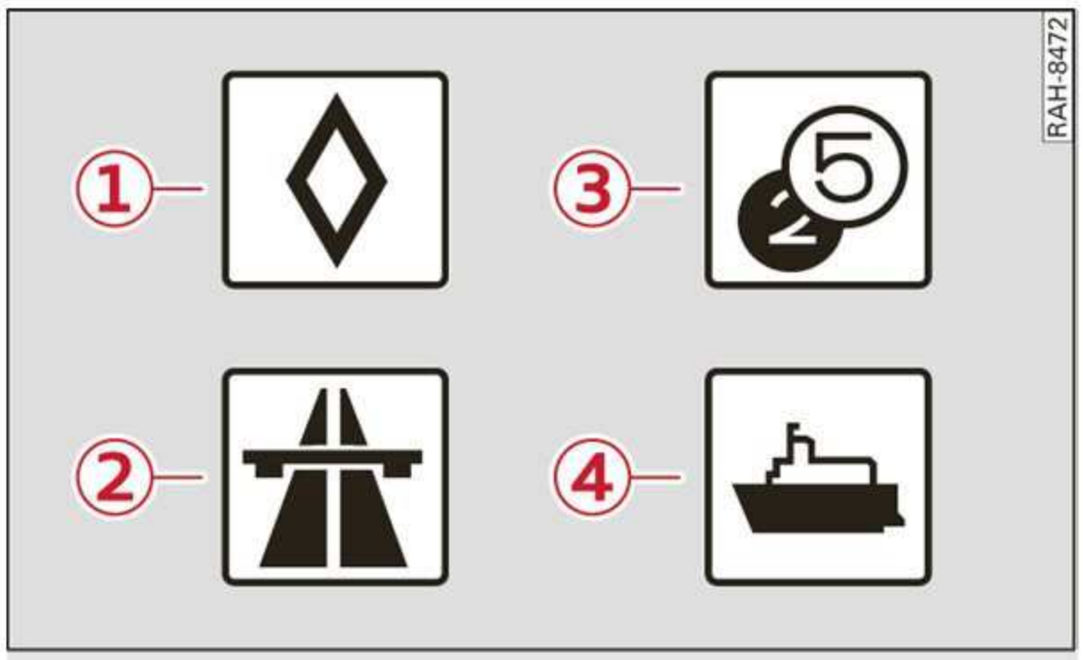


Fig. 198 Infotainment system: possible route criteria

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Select: right control button > **Route criteria**.

① **HOV/carpool lanes** [1]: with the **Avoid** function, HOV lanes will be excluded when calculating ▶

[1] High occupancy vehicle

routes. With **Allow**, the MMI will route you through HOV/carpool lanes and show them.

② **Highways** / ③**Toll roads** / ④**Ferries**: you can select the **Avoid** function to prevent the navigation system from calculating routes with highways, toll roads or ferries, if possible.

Voice guidance

Applies to: vehicles with navigation system

- ▸ Press the NAV/MAP button repeatedly until the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.
- ▸ Select: right control button > **Voice guidance**.

Voice guidance: voice guidance can be **Complete** or **Shortened**. With the **Traffic** function, voice guidance prompts are only given when there are traffic incidents on your route. When **Off** is selected, no voice guidance is given.

Voice guidance during phone call: voice guidance during a phone call can be switched on or off.

Entertainment fader ⇨ *page 266*.

Voice guidance volume: you can adjust the volume during voice guidance using the On/Off knob ⇨ *page 168*. You can also find additional information under ⇨ *page 266*.

Map

Map operation

Applies to: vehicles with navigation system

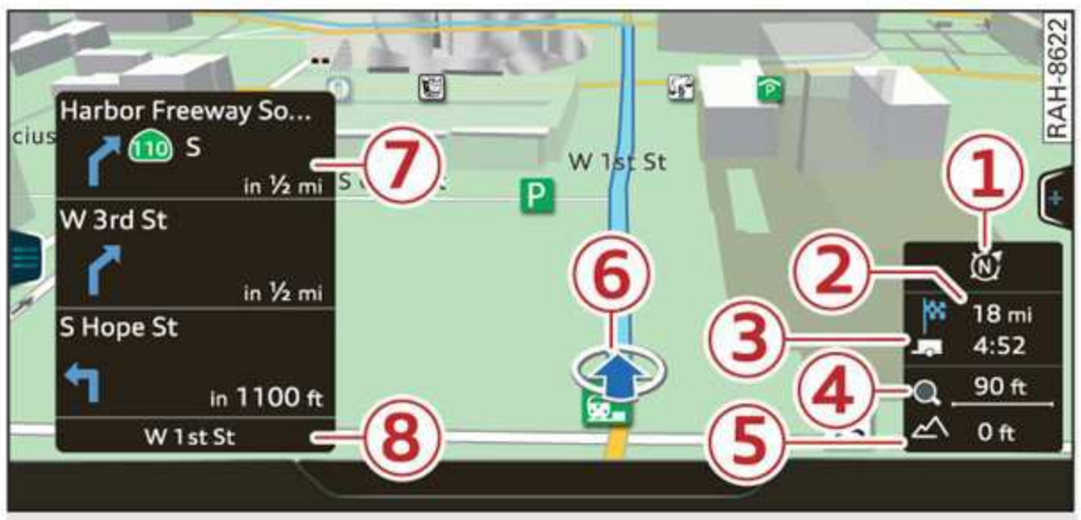


Fig. 199 Infotainment system: 3D map with the crosshairs switched off



Fig. 200 Infotainment system: standard map with the crosshairs switched on

Opening the map

- ▸ Press the NAV/MAP button repeatedly until the map is displayed ⇨ *fig. 199*.

Zooming in/out on the map

- ▸ Turn the control knob to the left or to the right. Alternatively, you can also zoom in/out on the map using the MMI touch control pad* ⇨ *page 174* if the crosshairs are switched on, or:
- ▸ Turn the left thumbwheel on the multifunction steering wheel* ⇨ *page 17, fig. 9*.

Turning the crosshairs on

- ▸ Press the control knob in the map view ⇨ *fig. 199*.

Turning the crosshairs off

- ▸ Press the BACK button.

When the crosshairs are switched off ⇨ *fig. 199*:

① Direction. For additional information, see ⇨ *page 230*.

② The distance to the destination includes the calculated arrival time.

③ When the **trailer mode** function is switched on ☑, the corresponding symbol is displayed next to the arrival time.

④ Scale: turn the control knob to the left or right to decrease or increase the scale. When the **Automatic zoom** function is switched on ☑, an “A” for “Automatic” is displayed in the magnifying glass.

⑤ Altitude

⑥ Vehicle location

⑦ Route information: various information will be displayed during active route guidance ▶

(for example, the upcoming maneuver including calculated distance and street names). The display also provides traffic information or points of interest on the current route.

⑧ Road currently being driven on

When the crosshairs are switched on ⇨ *fig. 200*:

⑨ The crosshairs: move the crosshairs in the desired direction and set a point on the map using the MMI touch control pad* or the control knob. When the crosshairs are turned off, the road being currently driven on is shown.

⑩ Speed limit display[1)]: display of the maximum permitted speed on the expressways and highways.

⑪ Entertainment sliding menu* ⇨ *page 174*.

⑫ Additional information on the crosshairs position: if you move the crosshairs to a location on the map, available information for the current position is displayed. Tap briefly on the MMI touch control pad* or press the control knob. In the destination details, you can start route guidance to the displayed location. Select and confirm **Start route guidance**.

⑬ Map contents (points of interest, favorites). When there are multiple points of interest in the immediate vicinity, the symbols are shown stacked on the map.

⑭ Better route: if a better route is available for the current route guidance, it will be indicated on the map including the time that would be saved. More information can be found under ⇨ *page 234*.

Map functions

Applies to: vehicles with navigation system

- ▸ Press the NAV/MAP button repeatedly until the map is displayed ⇨ *page 228, fig. 199*.
- ▸ Press the left control button.

The following map functions can be selected:

Switch to destination input

The free text search in the **Enter destination** menu is displayed ⇨ *page 218, fig. 191*.

Traffic messages

Current traffic information is displayed in the Infotainment system display. You can also find additional information under ⇨ *page 233*.

Route list

The route list can only be displayed when route guidance is active and contains information regarding the route, the names of the streets and the length of the route sections. When traveling on highways, possible parking lots and rest areas are shown, which you can select as a stopover.

POIs along the route

Requirement: route guidance must be active.

Searching for points of interest along your current route For additional information, see ⇨ *page 221*.

Additional options on the map

Applies to: vehicles with navigation system

- ▸ Press the NAV/MAP button repeatedly until the map is displayed ⇨ *page 228, fig. 199*.
- ▸ Press the right control button.

Depending on the function selected, the following options can also be selected under the **Map** menu:

Cancel route guidance ⇨ *page 223*.

Map settings ⇨ *page 230*.

Route criteria ⇨ *page 227*.

Voice guidance ⇨ *page 228*.

Navigation settings ⇨ *page 227*.

Show alternative routes ⇨ *page 225*.

Parking along the route*: parking options along the route will be displayed. ▶

1) Only applies to vehicles without camera-based speed limit display.

Save current position: you can save your current vehicle position as a favorite ⇨ *page 226* or save it as a contact in the directory ⇨ *page 226*.

Audi connect at this location*: allows you to search for **Travel information** at the entered location (events, weather at the destination, etc.).

Online traffic data*: you can switch the online traffic data on or off (☑).

Country information ⇨ *page 224*.

Avoid route*: when route guidance is active, the calculated route will avoid the area you have specified (maximum: 12 mi (20 km)), if possible. The navigation system calculates an alternative route. The route to be avoided that you have entered applies only to the current route and must be set again, if needed. The areas you have selected to avoid will appear with red and white shading on the map.

Move route*: move your finger over the MMI touch control pad* or use the control knob to adjust the route on the overview map.

Map settings

Applies to: vehicles with navigation system

- ▸ Press the NAV/MAP button repeatedly until the map is displayed.
- ▸ Select: right control button > **Map settings**.

Depending on the selected function, the following settings can be selected:

Map colors

Day/Night: the map is displayed with a light/dark background.

Automatic: the map display adapts to the lighting conditions (for example, changing from **Day** to **Night** when driving through a tunnel).

Map display

Standard ⇨ *page 228, fig. 200*.

Satellite map[1] ⇨ *page 231, fig. 202*.

Plug-in hybrid drive: **Electric range**: ⇨ *page 231*.

Map orientation

Destination map: the map indicates the destination and is oriented to the north.

2D heading-up map/2D north-up map: the current vehicle position is displayed. The map is oriented in the direction of travel or to the north.

3D heading-up map*: the current vehicle position is shown on a three-dimensional map and is aligned to the direction of travel. At a scale of 62 mi (100 km) and larger, the map orientation is to the north.

Overview map: the entire route from the vehicle position to the destination or the next stopover is displayed on the map. The map scale depends on the length of the route and adapts automatically. The map is oriented to the north.

Route information

The display of route information, such as the current street being driven or points of interest along the current route ⇨ *page 228, fig. 199*, can be switched on or off or can be minimized on the display of upcoming maneuvers.

Automatic zoom

On: the map scale is adapted automatically depending on the type of road being traveled (expressway, highway, other roads) so that you always have an optimal overview of the road ahead. The scale will also be automatically adapted when there are upcoming maneuvers to provide a better detailed view.

Intersection: when route guidance is active, the map temporarily zooms in to a detailed scale when there are upcoming maneuvers so that you can see the street or turn better.

Off: the map scale you have chosen is maintained. ▶

[1] AUDI AG provides access to services from third party providers. Permanent availability cannot be guaranteed, because that depends on the third party provider.

MMI map contents

You can switch the display of additional information on the map in the Infotainment system display on or off.

The weather forecast is displayed on a 3 mile (5 km) scale on the map.

Instrument cluster map contents

You can also set which map content displays in the instrument cluster ⇨ *page 184*.

Electric range

Applies to: vehicles with navigation system and plug-in hybrid drive

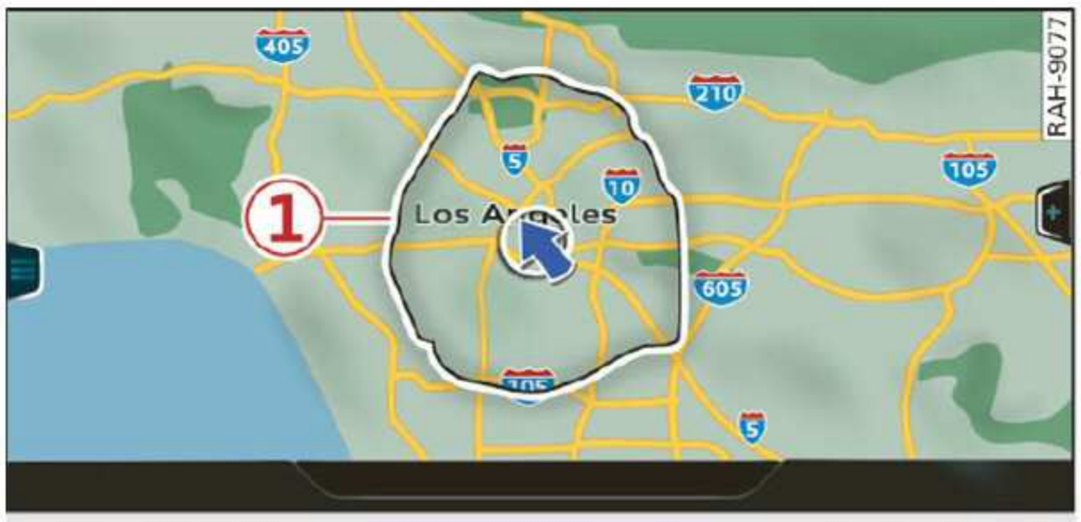


Fig. 201 Infotainment system: electric range display

The electric range shows the maximum distance that can be driven using electric power. Information such as the type of road, speeds, and altitude will be taken into account.

- ▸ Press the NAV/MAP button repeatedly until the map is displayed ⇨ *page 228, fig. 200*.
- ▸ Select: right control button > **Map settings** > **Map display** > **Electric range**.
- ▸ Press the BACK button to return to the map view.

You can read the electric range of your vehicle based on the border (1).

The map scale will automatically adjust to the range.

Satellite map

Applies to: vehicles with a navigation system and Audi connect Infotainment

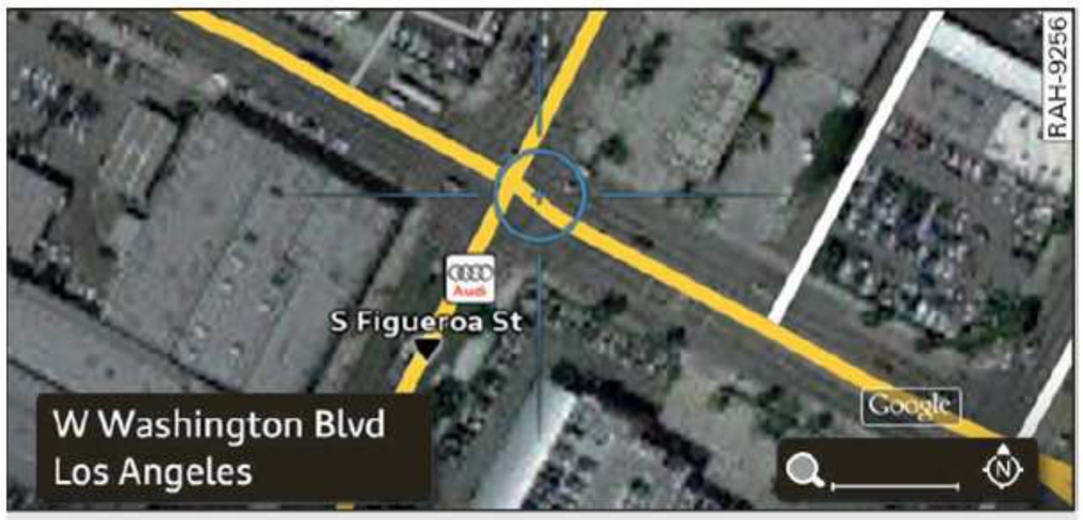


Fig. 202 Infotainment system: satellite map

You can display the navigation map with satellite images.

Requirement: the requirements for Audi connect services must be met ⇨ *page 208*.

- ▸ Press the NAV/MAP button repeatedly until the map is displayed.
- ▸ Select: right control button > **Map settings** > **Map display** > **Satellite map**[1)].

The map display is based on data received from the Internet in the form of satellite images, which are then combined with the roadways from the **Standard** map view. There are two gigabytes of memory space in the MMI memory that can be used to temporarily store the map or navigation data that was received. This is roughly the amount required for the map/navigation data for a 2,485 mile (4,000 km) route. As long as the satellite images loaded for route guidance are stored, you can use them without having an active data connection.

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *page 208*.

Tips

– The stored satellite map data [1)] can be deleted under **Factory settings** > **Navigation and online memory** ⇨ *page 262*.

1) AUDI AG provides access to services from third party providers. Permanent availability cannot be guaranteed, because that depends on the third party provider.

– The satellite map[1)] is updated regularly whenever the function is opened. The process may take several seconds.
– When the satellite map display[1)] is switched on with the 3D position map, the map display automatically switches to the 2D map type when driving through tunnels.
– For additional information, visit www.audi.com.

Map update

Introduction

Applies to: vehicles with navigation system

There are multiple options available for updating your map material:

– Map updates through the **online map update*** ⇨ *page 232*.
– Import map updates from the **SD card*** to your MMI. You can find additional information online at my.audi.com.
– Map update at an authorized Audi dealer or authorized Audi Service Facility. This can result in additional costs.

Online map update

Applies to: vehicles with a navigation system and Audi connect Infotainment



Fig. 203 Infotainment system: display of a new online map update



Fig. 204 Infotainment system: country package selection

Using the online map update, you can update the map material in your navigation system directly from your vehicle.

Requirement: the requirements for Audi connect Infotainment services must be met ⇨ *page 209*. You must have a myAudi account and have assigned your vehicle to it.

Using your vehicle position, the MMI identifies regions which you are frequently in. Based on this, the MMI suggests update packages for these regions, if they are available.

Accessing an online map update

▸ Select and confirm ① **Start download** if the message for a new map update appears in the Infotainment system display, or:
▸ Select MENU button > **Settings** > left control button > **System maintenance** > **System update** > **Online update**.

A selection with the available update packages appears in the Infotainment system display.

Selecting the online map update

▸ Select an update package from the list (☑) ②.
▸ Confirm your selection with the BACK button and go back to the selection.

The number and amount of data for the selected update package are now displayed in the Infotainment system.

Starting the download

▸ Select and confirm **Start download**. ▶

1) AUDI AG provides access to services from third party providers. Permanent availability cannot be guaranteed, because that depends on the third party provider.

▸ Confirm the security prompt by selecting **Start download** again.

The update packages begin to download and the status of the download progress is shown in the Infotainment system display.

Installation of online map updates

The downloaded map material installs after you stop your vehicle. The new update packages install only after you switch off the ignition. After restarting the MMI, the Infotainment system display indicates if the updates installed successfully.

▸ Confirm the successful update with **OK**.

The new map material can now be used for navigation.

Note

– Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *page 208*.

Tips

The amount of available online map updates in the vehicle is limited. To update more regions, use the map update via SD card at my.audi.com.

Traffic information

Introduction

Applies to: vehicles with a navigation system and Audi connect Infotainment



Fig. 205 Infotainment system: traffic information overview

▸ Press the NAV/MAP button repeatedly until the map is displayed ⇨ *page 228, fig. 199*.
▸ Select: left control button > **Traffic messages**.

Depending on vehicle equipment, the following information may be shown in the traffic information overview:

① A message ① ⇨ *fig. 205* will appear if the MMI calculates a better route for the current route guidance. More information can be found under ⇨ *page 234*.

② When route guidance is active, traffic incidents along your route are displayed in the upper section of the list and are sorted by distance.

③ The traffic messages are sorted by street name. If there are multiple traffic messages for the same street, an arrow is displayed in front of the street name (▶). Select and confirm the corresponding line to display *all* of the traffic information.

④ The current selected traffic message is also shown as a map preview* in the Infotainment system display.

⑤ The status line in the Infotainment display also always indicates the reception of traffic information (TMC or ONLINE).

Showing traffic messages on the map: select: *one traffic message* > right control button > **Show on map**.

Displaying the next traffic message on the map: press the control knob.

Traffic information display on the map or map preview*

Color-coded markings along the route indicate the traffic flow:

Green: traffic is flowing freely.

Yellow: stop-and-go traffic.

Red: congestion.

Shaded markings indicate the length of the area with congestion.

Colored warning symbols: an impending traffic incident directly ahead on your route.

All traffic incidents will display in color when route guidance is inactive.

Grayed out warning symbols: traffic incidents that are not on your route. ▶

Warning symbols with ⮌: avoided traffic incidents.

The display of colored markings, warning symbols, etc. can be set in the **Map content** menu ⇨ *page 231*.

Tips

Particularly critical traffic information, such as warnings about wrong-way drivers, is automatically displayed. To hide the traffic information, press the BACK button or the control knob.

Online traffic information

Applies to: vehicles with a navigation system and Audi connect Infotainment

The MMI can receive real-time online traffic information about congestion, accidents, road construction, and other incidents.

Requirement: the requirements for Audi connect Infotainment must be met ⇨ *page 208*.

Switching online traffic information on and off

- ▸ Select: NAV/MAP button > right control button > **Online traffic data** *on* (☑) or *off* (☐).
- ▸ Press the NAV/MAP button repeatedly until the map is displayed.
- ▸ Select: left control button > **Traffic messages**.

The online traffic information will also be displayed on the satellite map [1] ⇨ *page 231* or on the standard map ⇨ *page 228, fig. 199*.

Note

Read the information about Audi connect, and be sure to note the connectivity costs section ⇨ *page 208*.

Tips

– Having the **Online traffic data** function switched on provides the most accurate reports of traffic situations as well as traffic forecasting. Your vehicle transmits and processes its anonymous, encrypted position information at regular intervals to the traffic data provider. If you do not want to use this, you can switch off the **online traffic information** function at any time.
– The **online traffic information** network is currently not available in all countries, and the coverage is not nationwide. For additional information, visit www.audi.com.

Better route

Applies to: vehicles with a navigation system and Audi connect Infotainment

By receiving traffic information online, your MMI calculates a better route if available and the possible time saved compared to the current route. You can decide which route you would like to use.

Selecting a better route

Requirement: route guidance must be active and online traffic information must be available ⇨ *page 234*

- ▸ Press the NAV/MAP button repeatedly until the map is displayed.

If your MMI has calculated a better route than the current route guidance, the message **A better route is available.** appears for several seconds along with the time that may be saved. A better route is indicated in the map view by the symbol 🚗 ⇨ *page 228, fig. 200*.

A message will also appear in the traffic information overview (1) ⇨ *page 233, fig. 205*.

Apply better route

- ▸ Press the right control button.
- ▸ Select and confirm the better route, or:
- ▸ Select and confirm **Details** to display details about the better route.

You can zoom in or out on the map using the MMI touch control pad*. ▶

[1] AUDI AG provides access to services from third party providers. Permanent availability cannot be guaranteed, because that depends on the third party provider.

Requirement: there must be more than one optimized route calculated.

- ► Press the control knob to switch to the next route in the detailed view.
- ► **Closing the detailed view**: press the BACK button.

After you have selected a better route, the route will be recalculated.

Troubleshooting

Applies to: vehicles with navigation system

Problem	Solution
Free text search: the desired destination cannot be found.	The destination may not be included in the navigation database, or the term may have been entered incorrectly. Check if the desired country/state was selected for the free text search using the **Country/state selection** ⇨ *page 219* or select the option **All countries/states**.

Radio

Opening the radio

The radio supports the FM, AM and SiriusXM (satellite radio) bands. Using the HD Radio receiver also allows you to receive radio stations on the FM and AM bands in digital format.*



Fig. 206 Infotainment system: FM station list (HD Radio technology FM)

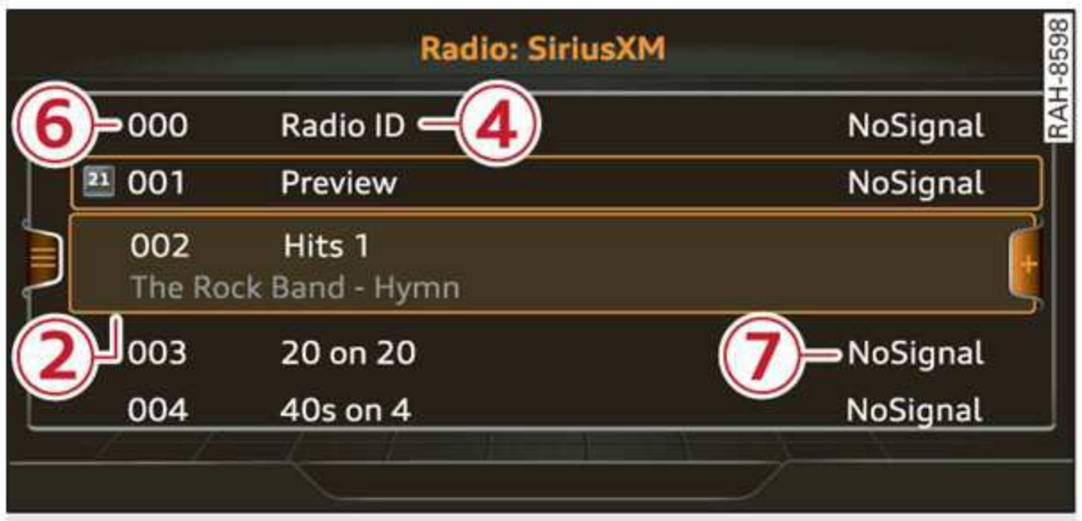


Fig. 207 Infotainment system: SiriusXM station list

▸ Press the RADIO button.

After opening the radio, the last opened station list is displayed.

Selecting a station: select and confirm a station from the station list. FM/AM stations that can be received by digital radio are marked with the HD Radio technology symbol HD ⑤ ⇨ *fig. 206*. If reception quality declines, the radio automatically switches to the analog FM/AM station depending on availability. Digital HD Radio stations* may contain multiple additional stations*. The available additional stations* are listed under the radio station. If you lose reception, the additional stations* are muted since they can no longer be received.

Setting the frequency band: press the RADIO button repeatedly until the desired frequency band is set.

The following information is displayed in the station list ⇨ *fig. 206*/⇨ *fig. 207*:

① Presets

The station is stored as a preset. The symbol shows the stored location in the presets list (for example, 21).

② Radio text (shortened display)

If available, program information about the set station is displayed in all of the station lists.

③ Frequency

④ Station name

⑤ Station with **HD Radio technology** available HD

⑥ Channel number

If there is a loss of radio signal (SiriusXM*), the following system information is displayed in the station list:

NoSignal: the tuner is currently not receiving a satellite signal ⑦.

The system information turns off when the radio stations are received again.

Tips

- Contact the SiriusXM* provider if you would like to receive satellite programming.
- Buildings, tunnels, bridges, open areas, other vehicles or objects on the vehicle roof can affect reception.
- Satellite radio is not available in Alaska and Hawaii.

Radio functions

Free text search

Applies to: vehicles with free text search

Using the free text search, you can select the order that the search terms are entered in the input field. Search in all frequency bands for a station name or program type, such as **News**.



Fig. 208 Infotainment system: input field and results list for free text search

– **Opening the free text search**: when in a station list, keep turning the control knob to the left until the **free text search** input field is displayed.
– **Using the free text search**: see ⇨ *page 178, Free text search*.

You can also search for frequencies.

Stations from the presets ③ are displayed in the results list ① ⇨ *fig. 208*. The symbol ② indicates which station list you switched to based on the station selection.

Additional options

▸ Select: RADIO button > right control button.

The following options are available depending on the frequency band:

– **Sound settings**: see ⇨ *page 265*.
– **Store as favorite**: see ⇨ *page 239, Presets*.
– **Manage SiriusXM alerts**: see ⇨ *page 238, SiriusXM alerts*.
– **Store artist as favorite/Store track as favorite**: see ⇨ *page 238, SiriusXM alerts*.
– **Manual tuning**: the frequency bars are displayed. Select and confirm the desired frequency.
– **Seek**: the radio tunes to the previous or next receivable station.
– **Scan**: all stations are played for several seconds each.
– **Radio settings**: see ⇨ *page 239*.

Radio text

▸ Select: RADIO button > left control button > a frequency band (such as **FM**) > a station.
▸ Select: right control button > **Radio text**.

Information that accompanies the program (such as artist, composer, track) is displayed.

Browsing through radio text entries: turn the control knob to the left or right.

Requirement: a radio text entry must be displayed and the station must be broadcasting a phone number, a navigation destination or a text message number as Radio Text Plus information.

If a location, a phone number or a text message number is included with a radio text entry, the radio text will be shown with a colored border. You have the following options:

Call*/Start route guidance*/Write text message*:

– Select a radio text entry with Radio Text Plus information and press the control knob.
– Select and confirm **Call*/Start route guidance*/Write text message***. **Or**: press the BACK button to cancel.

Tips

The availability of radio text and Radio Text Plus depends on the radio station.

SiriusXM alerts

Applies to: vehicles with SiriusXM

You can display an overview of your favorite artists or tracks that are currently being played on a SiriusXM channel.



Fig. 209 Infotainment system: SiriusXM alert notification

▸ Select: RADIO button > left control button > **SiriusXM**.

After you have stored a SiriusXM alert for your favorite tracks or artists, you can display an overview of your favorite tracks or artists currently being received in the **SiriusXM alerts** menu and play them immediately. You can also receive a *SiriusXM alert notification* (1) for these tracks or artists in the entertainment sliding menu ⇨ *fig. 209*.

Storing a SiriusXM alert

Requirement: your favorite track or artist must be playing on a SiriusXM channel.

– Select: right control button > **Store track as favorite** or **Store artist as favorite**.

Switching SiriusXM alert notifications on and off

– Select: right control button > **SiriusXM alert notifications**.

When the function is switched on ☑, a *SiriusXM alert notification* is displayed for several seconds in the entertainment sliding menu for the **Radio** and **Navigation** menus. (1) ⇨ *fig. 209* displayed.

Playing tracks/artists from Sirius XM alerts

Requirement: a SiriusXM alert must be stored for a track/artist and it must be currently playing on a SiriusXM channel.

– Select: left control button > **SiriusXM alerts** > *an entry from the list*. The selected track/artist is played.

Playing tracks/artists from the entertainment sliding menu

Requirement: the **SiriusXM alert notifications** function must be switched on. You must be in the **Radio** and **Navigation** menu. A *SiriusXM alert notification* is displayed in the entertainment sliding menu (1) ⇨ *fig. 209*.

– Push the control knob down.
– Select and confirm the desired track/artist.

Managing SiriusXM alerts

– Select: right control button > **Manage SiriusXM alerts**.
– **Switching SiriusXM alerts on/off**: when the function is switched on ☑, you are notified when this track or artist is being played on a SiriusXM channel.
– **Deleting Sirius XM alerts**: select *an entry from the list* > right control button > **Delete from alerts** > **Delete this entry** or **Delete all entries**.

View: additional station information



Fig. 210 Infotainment system: "Now Playing" screen

Requirement: you must be tuned to a radio station. The **"Now Playing" screen** option must be switched on ⇨ *page 240*.

Symbols in the "Now Playing" screen ⇨ *fig. 210*:

(1) **Radio text availability** ▶

Radio text is available for the selected station. See ⇨ *page 237*.

④ Screen view

Display **Cover art** or **Station logo**. See ⇨ *page 240,* **Preferred picture view***.

Displaying the station list:

Turn the control knob. **Or**: press the BACK button.

Radio menu



Fig. 211 Infotainment system: Radio menu

▸ Select: RADIO button > left control button.

Setting the frequency band: select and confirm the desired frequency band in the radio menu ⇨ *fig. 211*. **Or**: press the RADIO button repeatedly until the desired frequency band is set. Displays the station list.

① Presets

The presets list is displayed ⇨ *page 239, Presets*.

② SiriusXM alerts

Applies to: vehicles with SiriusXM alerts

After you have stored a SiriusXM alert for your favorite tracks or artists ⇨ *page 238*, an overview of your favorite tracks or artists currently being received on SiriusXM is displayed.

③ SiriusXM

Applies to: vehicles with SiriusXM alerts

The **SiriusXM*** channel list is displayed.

Additional frequency bands

Depending on the vehicle equipment, you may also be able to select additional frequency bands ④/⑤ ⇨ *fig. 211* in the selection menu.

Presets

You can store your favorite stations from every frequency band in the presets list.

▸ Select: the RADIO button > left control button > **Presets**.

Requirement: the presets list must be displayed.

– **Storing presets**: select and confirm *a free preset space*. Follow the system instructions.
– Select and confirm *a station from the list* if necessary.

Requirement: a station list must be displayed.

– **Storing presets**: select: *an entry from the list* > right control button > **Store as preset**. **Or**: press and hold the control knob for several seconds.

The shortcut keys are automatically assigned to the presets 1 to 8. You can select the stations directly using the preset buttons ⇨ *page 176*.

– **Displaying the presets list**: select: RADIO button > **Presets**.

Requirement: the presets list must be displayed.

– **Listening to presets**: select and confirm *a preset from the list*.
– **Move a preset**: select *a preset from the list* > right control button > **Move preset**. **Or**: press and hold the control knob for several seconds. Select and confirm the location of the selected preset.
– **Deleting presets**: select *a preset from the list* > right control button > **Delete preset** > **Delete this preset** or **Delete all presets**.

Additional settings

Radio settings

▸ Select: RADIO button > right control button > **Radio settings**.

The following settings can be selected, depending on the band that is selected:

Station names (FM)

Variable: scrolling text transmitted by the FM stations is shown in the Infotainment system display. ▶

Fixed: scrolling text transmitted by the FM stations is not shown in the Infotainment system display. Only the current section of the scrolling text is displayed.

FM/AM HD Radio*

You can switch HD Radio reception on or off.

Channel sorting (SiriusXM*)

You can set the channel sorting for SiriusXM station lists* by:

- **Channel number**: the channels are sorted in ascending order according to their channel number.
- **Channel name**: the channels are listed in alphabetical order.
- **First category, then channel number**: the channels are sorted by their category and then by their channel numbers.
- **First category, then channel name**: the channels are sorted by their category and then by their channel names.

Category filter (SiriusXM*)

The stations shown in the station list can be filtered by your personal preferences and by program type. The program categories that you can select depend on what is offered by your provider. Select the **All categories** option to deactivate all filter options and display all available stations in the satellite station list.

“Now Playing" screen

When the function is switched on ☑ and the stations or presets list is open, the display will switch to the **"Now Playing" screen** view after approximately five seconds ⇨ *page 238*. Depending on availability, information about the set station (such as station name, artist and station logo) may be displayed in this view.

Preferred picture view*

You can set your preferred screen view for the **"Now Playing" screen** ⇨ *page 238*.

- **Station logo**: the station logo is displayed, depending on availability.
- **Cover art**: the album cover is displayed if available.

Gracenote online database*

Requirement: the MMI must be connected to the Internet. The **Cover art** option must be selected ⇨ *page 240,* **Preferred picture view***.

When the function is switched on ☑, the album cover or genre cover for the song that is playing is loaded from the Gracenote online database, depending on availability.

Subscription status (SiriusXM)*

This option is available when your subscription is about to expire or has already expired. The expiration date for your license is displayed.

Call to SiriusXM*: the contact information for your satellite radio provider is displayed. To call your satellite radio provider using the MMI, press **Call to SiriusXM***.

Troubleshooting

Problem	Solution
A station with poor reception is no longer displayed in the station list once you switch to a different station.	Store the station as a preset in advance. Access the presets using the presets list ⇨ *page 239*.

Media

Introduction

There are various media drives and connections available in the MMI. For example, you can play audio/video* files from the Jukebox* or connect your mobile device to the Audi music interface* and operate it through the MMI.

Notes

General

Media and format restrictions: the MMI (including the SD card reader and the USB storage device connection*) was tested with a variety of products and media available in the market. However, there may be cases where individual devices or media and audio/video* files may not be recognized, may play only with restrictions or may not play at all.

Digital Rights Management: please note that the audio/video* files are subject to copyright protection.

The media drives do not play files that are protected by DRM and that are identified with the symbol 🔒.

Data security: never store important data on SD cards, the Jukebox*, CDs/DVDs or mobile devices. Audi AG is not responsible for damaged or lost files and media.

Loading times: the more files/folders/playlists that are on a storage medium, the longer it will take to load the audio/video* files. Audi recommends using storage media that only contain audio/video files*. To decrease the time it takes to load audio/video files*, create subfolders (for example, for the artist or album). The loading time will also increase when importing files.

Additional information: when playing, audio files are automatically displayed with any additional information that is stored (such as the artist, track and album cover). If this information is not available on the storage medium, the MMI will check the Gracenote metadata database.

However, in some cases, the additional information may not be displayed.

Restricted functionality: reset the **Media settings** to the factory default settings if functionality is restricted ⇨ *page 262*.

If functionality is restricted, reset the **Jukebox*** to the factory default settings ⇨ *page 262*.

For information about the properties of supported media and file formats, see ⇨ *page 256*.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

CD/DVD operation

CD/DVD and format restrictions: the functionality of individual storage media may be limited due to the variety of blank CDs/DVDs available and the various capacities. Audio CDs or video DVDs with copy protection, CDs/DVDs that do not conform to the standard, and multisession CDs may have limited playback or may not play at all. Audi recommends finalizing the recording process when creating multisession CDs. Multisession DVDs are not supported.

Using CDs/DVDs, the CD drive or the DVD drive: to ensure correct, high-quality playback and to prevent damage to the drive or disc reading errors, always store CDs/DVDs in a protective sleeve and do not expose them to direct sunlight. Do *not* use:

– Damaged, dirty or scratched CDs/DVDs
– Single CDs/DVDs with 3 in (8 cm) diameter
– CD/DVDs that are not round
– CDs/DVDs with labels
– Protective rings
– Cleaning CDs

Thermal protection switch: CD/DVD playback may be temporarily unavailable if outside temperatures are extremely hot or cold. A thermal protection switch is installed to protect the CD/DVD and the laser.

Laser devices: laser devices are divided into safety classes 1 to 4 in accordance with DIN IEC 76 ▶

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(CO) 6/VDE 0837. The optical readers that are installed conform to safety class 1. Lasers in this class are very weak and well-shielded, so there is no danger if used correctly.

Media drives

SD card reader

The SD card reader is located in the glove compartment.

– **Inserting the SD card**: the angled corner of the SD card must face toward the right front when inserting. Slide the SD card into the card reader slot until the SD card clicks into place.
– **Automatic playback**: playback will start automatically if the inserted SD card contains supported audio/video files* ⇨ *page 256*.
– **Removing the SD card**: press briefly on the SD card.

The SD card reader is accessed and operated through the MMI ③ ⇨ *page 250, fig. 216*.

Note

Only use one-piece SD cards. If adapter cards (SD cards with more than one piece) are used, the card could fall out of the adapter when driving because of vibrations. Individual pieces could then become stuck in the drive and impair the functionality.

Tips

The SIM card reader then does not function.

DVD drive

Applies to: vehicles with a DVD drive

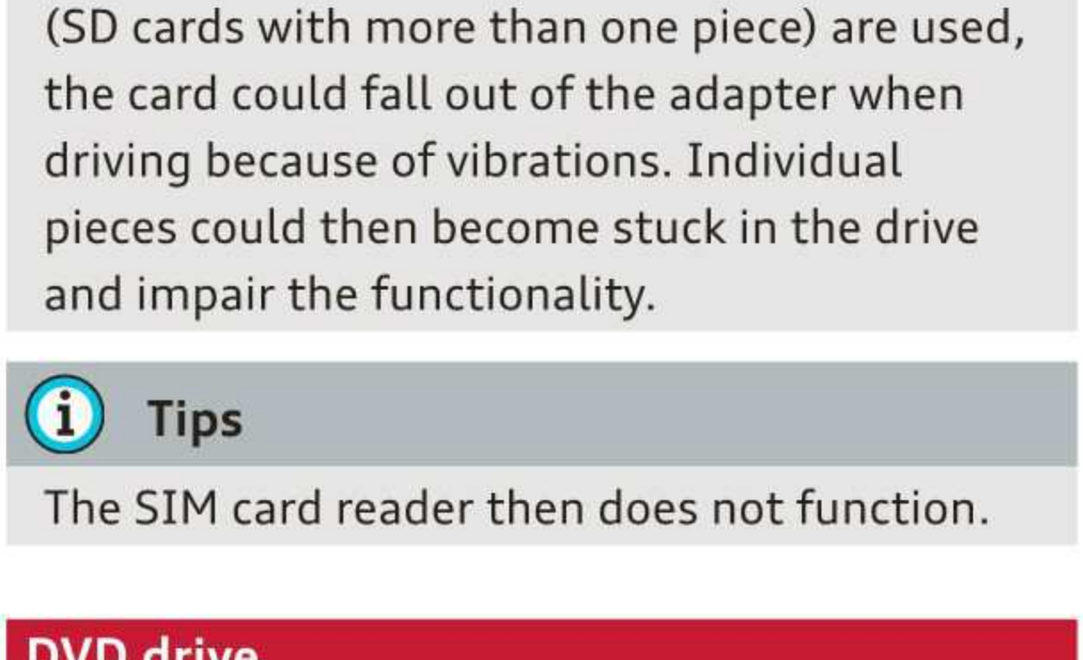


Fig. 212 Glove compartment: DVD drive

– **Loading a CD/DVD**: the CD/DVD is pulled in automatically. Slide the CD/DVD straight into the DVD slot ② with the label facing up.
– **Automatic playback**: playback will start automatically if the inserted CD/DVD contains supported audio/video* files ⇨ *page 256*.
– **Ejecting a CD/DVD**: press the button ①.

The CD/DVD is pulled in again automatically if it is not removed from the DVD slot within approximately ten seconds after ejecting it.

The DVD drive is accessed and operated through the MMI ② ⇨ *page 250, fig. 216*.

Note

– Never force a CD/DVD into the drive. The CD/DVD is pulled in automatically.
– Do not insert CDs/DVDs with labels into the drive. Labels can come loose from the CD/DVD and damage the drive.

Tips

– CDs/DVDs that contain audio files with a high data rate may not play.
– The SIM card reader then does not function.

CD drive

Applies to: vehicles with a CD drive

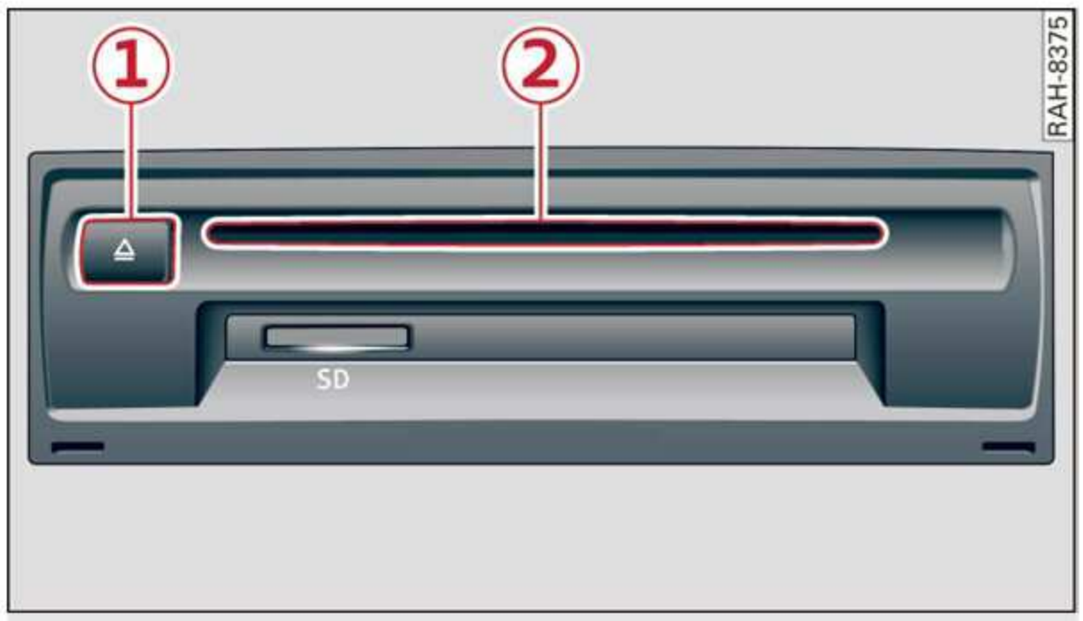


Fig. 213 Glove compartment: CD drive

– **Loading a CD**: the CD is pulled in automatically. Slide the CD straight into the slot ② with the label facing up.
– **Automatic playback**: playback will start automatically if the inserted CD contains supported audio files ⇨ *page 257, CD drive*.
– **Ejecting a CD**: press the button ①. ▶

The CD is pulled in again automatically if it is not removed from the slot within ten seconds of ejecting it.

The CD drive is accessed and operated through the MMI ⇨ *page 250*.

Note

– Never force a CD into the drive. The CD is pulled in automatically.
– Do not insert CDs with labels into the drive. Labels can come loose from the CD and damage the drive.

Tips

CD playback cannot be guaranteed with audio files that have a high data rate.

Jukebox

Applies to: vehicles with Jukebox

After you have filled the Jukebox with music and/or videos, for example from your SD card, you can play these files directly from the Jukebox. The Jukebox memory capacity is approximately 10 GB.

▸ Press the MEDIA button. Press the left control button until the sources overview ⇨ *page 250* is displayed. Select and confirm **Jukebox**.

Adding files to the Jukebox

– Press the MEDIA button. Press the left control button until the sources overview ⇨ *page 250* is displayed. Select one of the following sources to copy to the Jukebox: SD card*, CD-ROM*, DVD-ROM*, USB storage device*.

Requirement: the media center (for example, tracks, albums) must be open.

– **Selecting an entry**: select an entry from the media center. Select: right control button > **Copy to jukebox** > **This entry** or **Entire list**.

Requirement: the playlist must be open. See ⇨ *page 253*.

– **Selecting a track**: select the track that is currently playing. Select: right control button > **Copy to jukebox** > **This track** or **Entire album** or **This artist**.

Requirement: a video file must be playing.

– Select: right control button > **Copy to jukebox**.

The copying process begins. The status of the copying process is shown in the MMI.

– **Hiding the importing process**: select and confirm **Continue copying in background**. The importing process is hidden.
– **Canceling the importing process**: select and confirm **Cancel copying**, or remove the source that is currently being imported. Files already copied remain.

Requirement: the copying process must be active in the background.

– **Showing the copying process**: select: right control button > **Copying in progress**.

When importing, the audio files are automatically sorted into the media center categories based on the stored additional information ⇨ *page 251*. The copied video files are stored in the media center under the **Videos** category.

Playing the Jukebox

Requirement: the Jukebox must contain audio/video files ⇨ *page 243, Adding files to the Jukebox*.

The Jukebox is accessed and operated through the MMI ① ⇨ *page 250, fig. 216*.

Displaying Jukebox memory capacity

Select: right control button > **Jukebox memory capacity**. Information about the Jukebox memory capacity and the number of stored tracks is displayed.

Deleting tracks from the Jukebox[1)]

Requirement: the Jukebox must contain audio/video files.

– **Deleting an entry**: select an entry from the Jukebox media center. Select: right control button > **Delete from jukebox** > **This entry** or **Entire list**. ▶

1) Not in the **Playback** view.

– The status of the deleting process is shown in the MMI. Jukebox playback stops during the deleting process and starts again automatically once the deletion is complete.

Note

Do not import audio/video files when the engine is turned off because this will drain the vehicle battery.

Tips

– Tracks from audio CDs cannot be imported to the Jukebox for legal reasons.
– Files that have already been imported are automatically recognized and cannot be copied to the Jukebox again.
– It is not possible to play audio/video* files in the CD/DVD* drive while importing them.
– The Jukebox does not provide an export function due to legal reasons.
– Files or tracks without additional stored information are listed as **Unknown**. Audi recommends adding additional information (such as ID3 tags) to audio files.
– Reset the **Jukebox** to the factory default settings when selling your vehicle ⇨ *page 262*.

Bluetooth audio player

Applies to: vehicles with Bluetooth audio player

With the Bluetooth audio player, you can play music wirelessly from your Bluetooth-capable device (such as a cell phone) through the MMI.

Requirement: the vehicle must be stationary and the ignition must be switched on. The Bluetooth settings will open on your mobile device during the connection setup. The Bluetooth function and visibility of the MMI ⇨ *page 264* and mobile device must be switched on. The **Bluetooth audio player** ⇨ *page 264* must be switched on in the MMI.

– **Connecting** a **Bluetooth player**: press the MEDIA button. Press the left control button until the sources overview is displayed. Select and confirm **Bluetooth audio player** (6) ⇨ *page 250, fig. 217*.
– If necessary, select and confirm, **Not connected** > **Connect Bluetooth audio player**. The Bluetooth device search starts. Follow the instructions in the MMI.
– Select and confirm the desired Bluetooth device from the list. The MMI generates a PIN for the connection.
– Select and confirm **Yes**.
– Enter the PIN for connecting on your Bluetooth device, or if the PIN is already displayed on your Bluetooth device, confirm it on the Bluetooth device. The time allowed for entering the PIN is limited to approximately 30 seconds.

The media is started and operated through the mobile device or the MMI, depending on the device being used.

Tips

– Check for any connection requests on your Bluetooth device.
– Multiple Bluetooth audio players can be connected to the MMI, but only one mobile device can be active.
– Bluetooth protocols AVRCP (1.0/1.3/1.4) and A2DP are supported.
– Note the volume setting on your Bluetooth device. Audi recommends setting your mobile device to the maximum volume when using it as a Bluetooth audio player.
– The supported media functions (such as shuffle) depend on the Bluetooth device being used.
– A selection of supported Bluetooth devices can be found in the database for tested mobile devices at www.audi.com/bluetooth.

Wi-Fi audio player

Applies to: vehicles with Wi-Fi audio player

Using the Wi-Fi audio player media source on the MMI, you can connect and operate your Wi-Fi-capable media player (such as a smartphone) to wirelessly play music from your media player library. The media player is connected through the vehicle's Wi-Fi hotspot. A UPnP Server app or an integrated UPnP/DLNA server on your media player is required to access your media player library. ▶

Requirement: the Wi-Fi function on your media player must be switched on. The **myAudi** app or a UPnP server app is installed on your media player, or your media player has an integrated UPnP/DLNA server.

– **Connecting a media player**: press the MEDIA button. Press the left control button until the sources overview ⇨ *page 250* is displayed. Select and confirm **Wi-Fi audio player** (7) ⇨ *page 250, fig. 217*.
– If necessary, select and confirm **Wi-Fi turned off** > **Turn on Wi-Fi** to activate Wi-Fi in the MMI. Select **Wi-Fi settings**, if necessary. Select the same settings on the wireless media player that are used for the Wi-Fi hotspot.
– **Starting** the **Wi-Fi audio player**: start the **myAudi** app or a UPnP server app, or set media permissions on your media player.

Operating the media player: the media player is operated through the MMI.

– Press the left control button repeatedly until the **Folders** menu item appears. Select and confirm **Folders**.
– **Playing music from the media player**: select and confirm **Media center**.

Web radio: see ⇨ *page 245*.

WARNING

– As the driver, do not allow usage of the Wi-Fi hotspot to distract you from driving, as this could increase the risk of an accident.
– To reduce the risk of an accident, only use Audi connect services and the Wi-Fi hotspot only if the traffic situation permits it. Read and follow the guidelines provided in ⇨ *page 168, Traffic safety information*.
– It is only safe to use tablets, laptops, mobile devices and other similar devices when the vehicle is stationary because, like all loose objects, they could be thrown around the inside of the vehicle in a crash and cause serious injuries. Store these types of devices securely while driving. Also read the warnings in the chapter ⇨ *page 285, Front airbags*.

Note

Always follow the information found in ⇨ (!) *in General information on page 208*.

Tips

– Always read the chapter ⇨ *page 208, Audi connect*.
– Please note that a Wi-Fi connection does not automatically make it possible to use the Internet. For additional information, see ⇨ *page 208*.
– To avoid interruptions during playback, deactivate the power saving function on the media player or connect it to a charger.
– The loading times for the audio data depend on the media player used and the number of files that it contains.
– A maximum of 2,000 entries per directory are displayed in the MMI.
– Songs downloaded for offline use using music streaming services are stored on your mobile device (such as a smartphone) and may be DRM protected. The Wi-Fi audio player will not play DRM protected files.
– Contact an authorized Audi dealer or authorized Audi Service Facility for additional information on the Wi-Fi audio player.

Online media and Internet radio

Applies to: vehicles with Audi connect

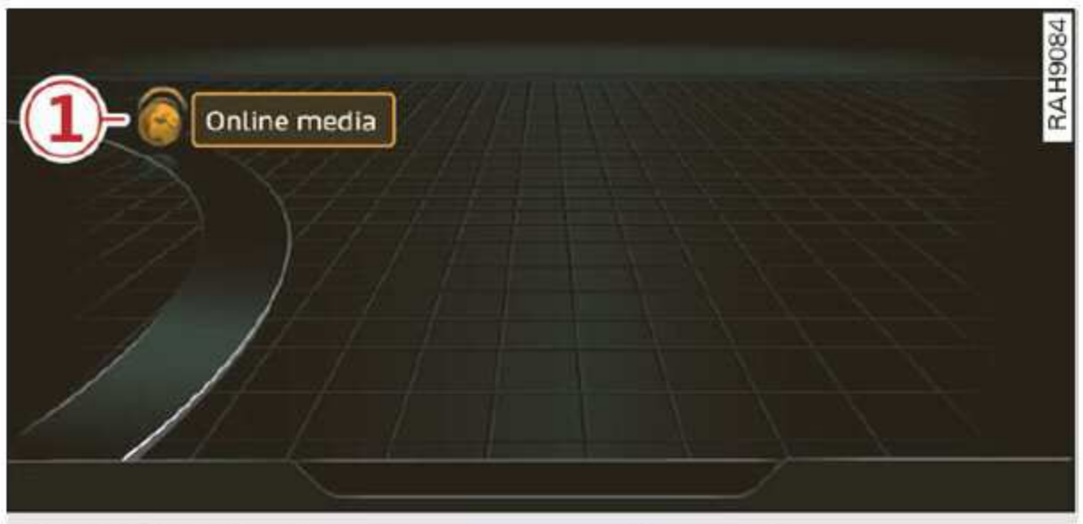


Fig. 214 Infotainment system: online media

You can playback and operate various online media services and Internet radio using the MMI.

▸ Press the MEDIA button. Press the left control button until the sources overview ⇨ *fig. 214* is displayed. ▶

Applies to: online media and Internet radio usage

Requirement:

– The **myAudi** app must be installed and open on your mobile device.
– You must be logged in to your myAudi account in the **myAudi** app and you must have selected your vehicle.
– The Wi-Fi function on the mobile device and on the MMI must be switched on.
– If necessary, check in the connection manager ⇨ *page 262* if the mobile device you connected is selected under the **MMI connect app** (☑).
– The MMI must be connected to the network.
– The symbol for the **Online media** source (1) is shown in the MMI.

Applies to: online media usage

Additional requirement:

– A supported online media service must be available in the country where the vehicle is being operated.
– You must have an account with a supported online media service.
– Depending on the online media service, you may need to install and open an app on your mobile device.

Starting Online media

– Press the MEDIA button. Press the left control button until the sources overview ⇨ *page 250* is displayed.
– Select and confirm an online media service.

Starting Internet radio

– Press the MEDIA button. Press the left control button until the sources overview ⇨ *page 250* is displayed.
– Select and confirm **Internet radio**. The Internet radio browser or the last station that was playing is shown.
– **Selecting the station**: if necessary, select and confirm a category in the Internet radio **Browser** > *a station*.

Online media and Internet radio: additional options

– Press the right control button.

The following options may be available, depending on the information shown (such as the station/track that is currently playing):

– **Sound settings**: see ⇨ *page 265*.
– **Wi-Fi settings**: see ⇨ *page 214, Wi-Fi settings*.
– **Connection manager**: see ⇨ *page 262*.
– Additional options may be available, depending on the active online media service or Internet radio.

WARNING

– To reduce the risk of an accident, only use Audi connect services and the Wi-Fi hotspot only if the traffic situation permits it. Read and follow the guidelines provided in ⇨ *page 168, Traffic safety information*.
– It is only safe to use tablets, laptops, mobile devices and other similar devices when the vehicle is stationary because, like all loose objects, they could be thrown around the inside of the vehicle in a crash and cause serious injuries. Store these types of devices securely while driving. Also read the warnings in the chapter ⇨ *page 285, Front airbags*.

Note

– Always follow the information found in ⇨ (!) *in General information on page 208*.
– There generally are additional costs when using an online media service account, especially when it is used internationally.

Tips

– Depending on the Internet connection and network traffic, the connection may disconnected when online media sources are playing.
– **Online media** and **Internet radio** usage depends on the service availability of the third party provider.
– Audi AG simply makes the access to online media services possible through the MMI and does not take any responsibility for the contents of the online media services.
– Always read the chapter ⇨ *page 208, Audi connect*.

– Depending on the mobile device being used, there may be interruptions during media playback and when using the **myAudi** app. To prevent interruptions when using a mobile device, do not lock the screen on your mobile device and keep the **myAudi** app in the foreground.
– Contact an authorized Audi dealer or authorized Audi Service Facility for additional information about online media.

Multimedia connections

USB adapter for Audi music interface or USB charging port

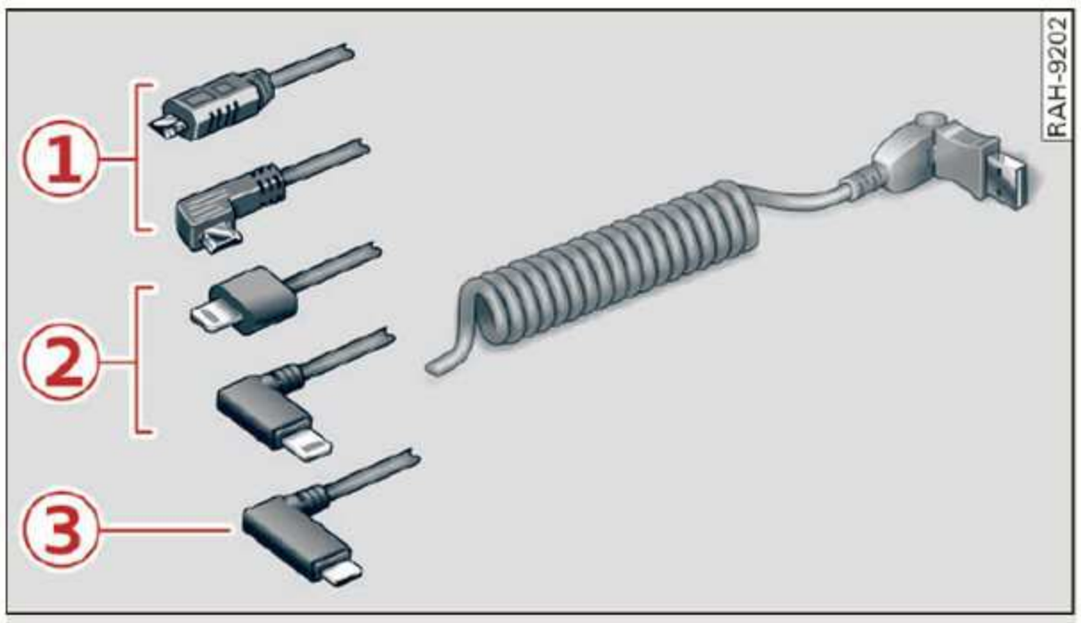


Fig. 215 Audi Genuine Accessories: USB adapter

Depending on the vehicle equipment, you can connect your mobile devices (such as a smartphone or MP3 player) to the Audi music interface or a USB charging port using a special USB adapter.

You can purchase the USB adapter ⇨ *fig. 215* from an authorized Audi dealer or at specialty stores:

① USB adapter for devices with a micro USB connection

② USB adapter for devices with an Apple Lightning connection

③ USB adapter for devices with USB type C connection

Depending on the vehicle equipment, you may be able to connect your mobile devices through the Audi music interface to the MMI using the USB adapters and charge the battery at the same time.

Applies to: vehicles with Audi music interface

– **Audi music interface**: see ⇨ *page 247*.

Applies to: vehicles with USB charging ports in the rear

– **USB charging ports in the rear**: refer to ⇨ *page 249*.

Note

Handle the USB adapter carefully. Do not allow it to be pinched.

Tips

– The USB adapter on the Audi music interface will support iPod touch or iPhone devices from the 5th generation or newer with the lightning connector.
– Mobile devices with an Apple Dock connector can only be charged using a USB adapter designed for devices with an Apple Dock connector. Data cannot be transmitted.

Audi music interface

Connect your mobile devices to the Audi music interface in order to operate them through the MMI and charge the battery.

The Audi music interface USB ports are located in the storage compartment under the center armrest and at the front* of the center console. They are labeled with the ⇠ symbol.

The Audi music interface AUX input is located in the storage compartment under the center armrest and is labeled with AUX.

USB Input

– **Connecting or charging a mobile device using the USB adapter:** connect the matching USB adapter to the Audi music interface USB port and then connect it to the mobile device, such as an iPhone. The battery will charge automatically.
– **Disconnecting a mobile device from the Audi music interface:**: remove the USB adapter from the Audi music interface USB port.

The media are started and operated through the mobile device or the MMI, depending on the device being used ⇨ *page 250*. ▶

Connecting multiple mobile devices: if a mobile device (such as a smartphone) is connected at the respective USB port on the Audi music interface, then all devices can be used as a playback source.

AUX Input

– **Connecting a mobile device to the AUX input**: connect the AUX cable to the AUX input on the Audi music interface and then to the mobile device (such as an MP3 player or smartphone).
– **Disconnecting a mobile device from the AUX input**: remove the AUX cable from the AUX input on the Audi music interface.
– **Operation**: select and confirm the **External audio player** source (5) ⇨ *page 250, fig. 216*. Media is started and operated on the mobile device.

WARNING

Driving requires your complete and undivided attention. As the driver, you have complete responsibility for safety in traffic. Never operate mobile devices while driving, because this increases the risk of an accident.

Note

– Use a USB extension cable to connect devices that have an integrated USB connector (such as a USB stick) to prevent damage to your USB device and the Audi music interface.
– Extremely high or low temperatures that can occur inside vehicles can damage mobile devices and/or impair their performance. Never leave mobile devices in the vehicle in extremely high or low temperatures.

Tips

– Always follow the information found in ⇨ *page 59*.
– When you switch the ignition off, the USB ports are still supplied with power until the energy management intervenes.
– Do not use an additional adapter or USB extension cable to connect mobile devices to the Audi music interface that already have a cable or that must be connected with a USB adapter (⇨ *page 247*). Using an additional adapter or US extension cable may impair functionality.
– You can purchase the AUX connector cable from an authorized Audi dealer or at specialty stores.
– Audi recommends setting the volume of a mobile device connected to the AUX input to approximately 70% of the maximum volume.
– Functionality is not guaranteed for mobile devices that do not conform to the USB 2.0 specification.
– USB hubs are not supported.
– Some versions of the iPod such as the iPod shuffle cannot be connected to the USB adapter for devices with Apple Dock connector. Connect these devices using a AUX connector cable.
– Changed content on a mobile device [1)] that is connected to the Audi music interface may not be displayed in the media center. In this case, reset the **Media settings** back to **Factory settings** ⇨ *page 262*.
– Video playback through the Audi music interface is only supported if the connected device is recognized as a USB storage device (for example a USB stick). Apple devices and MTP devices (such as smartphones) are not recognized as USB storage devices.
– iPod or iPhone malfunctions also affect the operation of the MMI. Reset your iPod or iPhone if this happens.
– Audi recommends updating the iPod or iPhone software to the latest version. For important information on operating your iPod or iPhone, refer to the user guide for the device.
– The USB adapter on the Audi music interface will support iPod touch or iPhone devices from the 5th generation or newer with the lightning connector. ▶

1) Applies only to MTP devices. Does not apply to Apple devices and USB mass storage devices.

– For more information about the Audi music interface and supported devices, check the Audi database for mobile devices at www.audi.com/mp3 or contact an authorized Audi dealer or authorized Audi Service Facility.

USB charging ports in the rear

Applies to: vehicles with USB charging ports in the rear

You can charge the battery on your mobile device through a USB charging port.

Two USB charging ports are located at the back of the center console.

– **USB adapter**: see ⇨ *page 247*.
– **Charging a mobile device using the USB adapter**: connect your mobile device to a USB charging port using a suitable USB adapter.
– **Disconnecting a mobile device from the charging port**: remove the USB adapter from the USB charging port.
– **Disconnecting mobile devices with an Apple Dock connector**: remove the Apple Dock connector from the Apple device with the release tabs pressed in.

WARNING

Driving requires your complete and undivided attention. As the driver, you have complete responsibility for safety in traffic. Never operate your mobile devices while driving, because this increases the risk of an accident.

Note

Extremely high or low temperatures that can occur inside vehicles can damage mobile devices and/or impair their performance. Never leave mobile devices in the vehicle in extremely high or low temperatures.

Tips

– In preparation at the time of printing.
– Always follow the information found in ⇨ *page 59*.
– When you switch the ignition off, the USB ports are still supplied with power until the energy management intervenes.
– Do not use any additional USB extension cables or adapters to connect mobile devices to the USB charging port that have already been connected by a USB adapter. Using an additional adapter or US extension cable may impair functionality.
– USB hubs are not supported.
– Refer to the manufacturer's operating manual for important information regarding the operation of your mobile device.
– Correct function of all mobile devices cannot be guaranteed.
– The vehicle battery drains when mobile devices are turned on but the engine is off.

Rear Seat Entertainment preparation

Applies to: vehicles with Rear Seat Entertainment preparation

The Rear Seat Entertainment preparation includes cables and a mount for Audi Entertainment mobile in the driver's and front passenger's seat backrests.

The suitable **Audi Entertainment mobile** Rear Seat Entertainment package is available through Audi Genuine Accessories.

Using Audi Genuine Accessories is recommended. Audi has verified their reliability, safety, and suitability.

Audi cannot evaluate or endorse other products in this way, even if the product is approved by a certified testing agency or government agency.

Note

Only use devices that are approved for the Rear Seat Entertainment preparation. Unapproved equipment can cause damage to the vehicle electrical system.

Tips

– Contact an authorized Audi dealer or authorized Audi Service Facility for additional information on **Audi Entertainment mobile**.
– Always read the chapter ⇨ *page 387*.
– The **Rear Seat Entertainment** preparation is not intended to charge external electronic devices.

Playing media

Accessing media



Fig. 216 Infotainment system: possible sources in the Media menu



Fig. 217 Infotainment system: possible sources in the Media menu

You can start and operate various media through the MMI control panel.

Requirement: a media source must contain audio/video* files ⇨ *page 242*.

- ▸ Press the MEDIA button. Press the left control button until the sources overview is displayed.
- ▸ Select and confirm the desired source, or
- ▸ press the MEDIA button repeatedly until the desired source is selected.

Depending on the vehicle equipment, the following sources may be displayed in the **Media** menu:

① **Jukebox*** 243
② **DVD/CD drive*** 242, 242
③ **SD card reader** 242
④ **Audi music interface*** 247
such as an iPhone, USB stick
⑤ **External audio player** 247
such as an MP3 player connected to the AUX input
⑥ **Bluetooth audio player*** 244
⑦ **Wi-Fi audio player*** 244
⑧ **Online media*** and **Internet radio*** . 245

– **Playing audio/video files**: select a source in the **Media** menu > *category* (such as artists > *album* > *track*).
– **Moving one level up in the folder structure**: Press the BACK button, or select and confirm **Folder up**.
– **Selecting the previous or next track/chapter*** [1]: press the On/Off knob on the MMI control panel briefly to the left ⏮ or right ⏭.
– **Fast-forwarding and rewinding audio/video* files**: press and hold the On/Off knob on the MMI control panel to the left ⏮ or right ⏭ for a longer time.
– **Pausing or resuming playback**: press the On/Off knob on the MMI control panel briefly.

Tips

– You can scroll through long lists quickly by turning the control knob quickly. The scrolling speed depends on the number of list entries.
– For safety reasons, the video image is only displayed when the vehicle is stationary. Only the sound from the video plays while driving.

1) Depending on the DVD, this may not be possible during playback.

Media center



Fig. 218 Infotainment system: USB flash drive categories

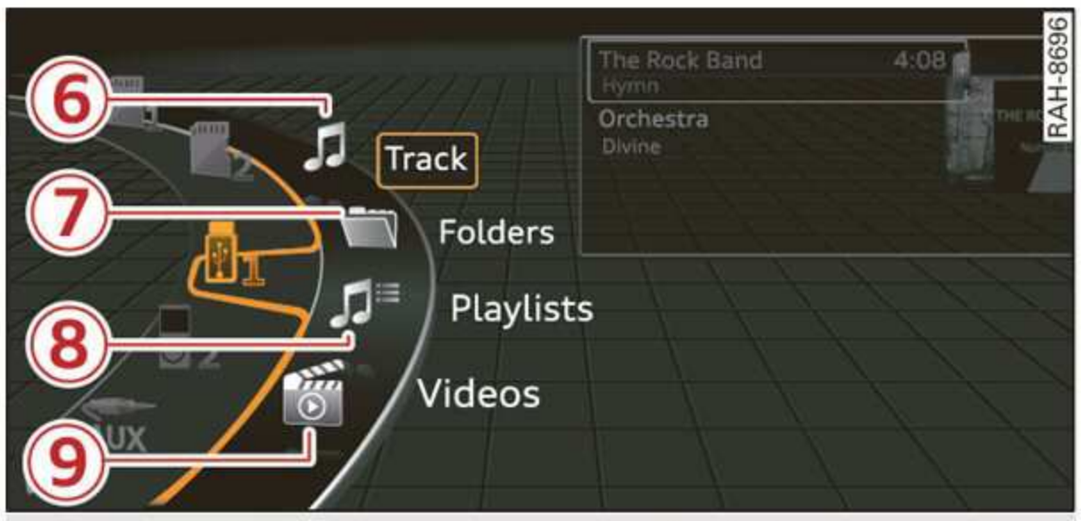


Fig. 219 Infotainment system: USB flash drive categories

Various categories for selecting audio/video* files are available in the media center.

► Press the MEDIA button. Press the left control button until the sources overview is displayed. Select and confirm the desired source.

① Active source

The active source is highlighted. The active source symbol ① may change depending on the connected device, the online media service*, or Internet radio*. The device name may be displayed (for example: myPhone). As an example, a USB stick is shown ⇨ *fig. 218* connected to the Audi music interface*.

Depending on the active source, you can select audio/video files* from the following categories and add them to the playlist:

② Favorites

The **Favorites** category appears if at least one entry is stored in the favorites list. See ⇨ *page 253, Favorites*.

③ Artists

All available artists are displayed. Select and confirm an artist, an album and then a track.

④ Albums

All available albums are displayed. Select and confirm an album and then a track.

⑤ Genres

All available genres are displayed. Select and confirm a genre (such as **Pop**), an artist, an album and then a song.

⑥ Tracks

All available tracks are displayed. Select and confirm a track.

⑦ Folders

The folder structure or track/chapter list is displayed. Select a folder, if necessary. Select and confirm a track.

⑧ Playlists

All available playlists from the source and the smart playlists are displayed. Select and confirm a playlist and then a track.

Smart playlists:

- **Last played tracks**: the last tracks played in the selected source are displayed.
- **Most played**: the most played songs in the selected source are displayed.
- **5 stars** to **1 star**: tracks from the selected source are displayed according to their rating.
- **Unrated**: all files from the selected source without rating information (for example, in the ID3 tag) are displayed.

⑨ Videos*

All available video files are displayed. Select and confirm a video file.

Note

Applies to: vehicles with Audi connect Infotainment and use of the radio category with iPod/iPhone

Always follow the information found in ⇨ ! *in General information on page 208*.

Tips

- Only the categories supported by the medium are available. For example, CD/DVD-ROM tracks cannot be selected with ▶

categories such as **Artists**, **Albums** or **Genres**. With an iPod/iPhone (source: Audi music interface ⇨ *page 247*), the **Podcasts**, **Audio books** and **Composers** categories are also available.

– For safety reasons, the video image is only displayed when the vehicle is stationary. Only the sound from the video plays while driving.
– When synchronizing a portable device with "Cloud" services, playlists may display incorrectly in the MMI. Use the media center in the device.
– With an iPod/iPhone (media source: Audi music interface ⇨ *page 247*), the **Podcasts**, **Audio books** and **Composers** categories are also available.

Tips

Applies to: iPod/iPhone on Audi music interface

– An Internet connection is required to use the additional **Radio** category, an online media service. Also see the chapter ⇨ *page 214, Wi-Fi settings*. Also read the information on the Audi music interface and the supported devices ⇨ *page 247*.
– Depending on the Internet connection and network traffic, the connection may disconnected when online media sources are playing.
– The use of online media services depends on the service availability of the third party provider.
– Audi AG simply makes the access to online media services possible through the MMI and does not take any responsibility for the contents of the online media services.

Free text search

Applies to: vehicles with free text search



Fig. 220 Infotainment system: input field and results list for free text search

You can search in the active source, for example for tracks and video files*.

You can open the **free text search** depending on the selected source.

Requirement: the playlist ⇨ *page 253* or media center ⇨ *page 251* must be displayed.

Opening free text search

▸ Keep turning the control knob to the left until the **free text search** input field ① appears, or:
▸ Push the control knob up.

Using the free text search: see ⇨ *page 178, Free text search*.

Entries that contain the entered search term are listed in the results list ⑤. You can search for artists ②, albums ③ or tracks ④ as well as genres and videos.

Tips

– Only files in the active source will be searched.
– If you open free text search in the **Folders** category ⑦ ⇨ *page 251, fig. 219* or the **Composers**, **Podcasts** and **Audio books** categories, it will only search through the files in that folder.

Playlist



Fig. 221 Infotainment system: playlist

The track, artist, album and album cover, if applicable, will appear in the playlist ⇨ *fig. 221*.

Options menu

See ⇨ *page 253, Additional settings*.

Favorites

Up to 50 entries for every media source can be stored in any order in the favorites list.

Requirement: the playlist or media center must be open.

– Select the desired entry from the playlist or media center.
– Select: right control button > **Store as favorite**, or press and hold the control knob for several seconds.

When you store a track as a favorite, the associated album will appear in the favorites list as an entry.

Requirement: at least one entry must be stored in the favorites list.

Displaying the favorites list: press the MEDIA button. Press the left control button until the sources overview ⇨ *page 250* is displayed. Select the source that contains the *categories* ⇨ *page 251* (for example, SD card). Select the **Favorites** *category*.

Requirement: the favorites list must be displayed.

– **Listening to a favorite**: select and confirm *a favorite from the list*.
– **Move favorite**: select *a favorite from the list* > right control button > **Move favorite**. Select and confirm the location of the selected favorite.
– **Deleting a favorite**: select *a favorite from the list* > right control button > **Delete favorite** > **Delete this favorite** or **Delete all favorites**.

Additional settings

Options menu

Context-specific functions and settings are available depending on the selected source.

▸ Press the right control button.

Sound settings

See ⇨ *page 265*.

Input level

Requirement: a mobile device must be connected to the AUX connection cable or to a USB adapter ⇨ *page 247*.

The volume of the mobile device is adapted to the MMI. Audi recommends adjusting the volume on the mobile device to 70% of the maximum volume output.

Bluetooth settings

See ⇨ *page 264*.

Wi-Fi settings*

See ⇨ *page 214, Wi-Fi settings*.

Connection manager

See ⇨ *page 262*.

Show "Now Playing" screen

With the function switched on ☑ and a playlist open, various information about the current track (such as artist, album and album cover*) as well as the playing time and the remaining playing time are displayed.

Jukebox memory capacity*

Information on the Jukebox memory capacity and the number of stored tracks in the Jukebox is displayed. ▶

Rewind/Fast forward

Turn the control knob to the left or right, or move your finger on the MMI touch control pad* from the left to the right.

Shuffle[1)]

With the function switched on ☑, all files in the playlist are played and shown in random order.

Repeat track[1)]

When the function is switched on ☑, the current track repeats.

Repeat*

Requirement: an iPod/iPhone* must be selected as the media source in the Audi music interface ⇨ *page 250, Accessing media*.

– **Track**: the current track will be repeated.
– **Folder**: the tracks in the current folder are played continuously in a loop.
– **Off**: the function is switched off.

Back to 'Playback'

The options menu is closed. The track currently playing appears in the playlist.

Play similar music*

The track currently playing is quickly analyzed for features such as artist, genres, mood, and beat, and a smart playlist with similar tracks will be shown.

Play more...

A smart playlist is shown based on the track currently playing. You can select between a playlist with more tracks **by this artist**, **from this album** or **of this genre**.

Copy to jukebox*

See ⇨ *page 243, Adding files to the Jukebox*.

Set as ringtone*[2)]

Requirement: a mobile device must be connected to the MMI. The track currently playing must be in the Jukebox* ⇨ *page 243*.

The selected track will be used as the ringtone for incoming calls.

Gracenote online database*

Requirement: the MMI must be connected to the Internet.

Depending on availability, various information will load about the track currently playing when this function is switched on ☑.

Favorites

See ⇨ *page 253*.

Additional options

Requirement: the vehicle must be stationary and a video file* or a DVD* must be playing.

Parental control*

Playback of video DVDs can be restricted using parental control.

Enter the password for parental control. Password set at the factory: **1234**. You have the following options:

– **Protection level**: select and confirm the protection level (for example, Level 5). Eight different protection levels can be set for parental control. If you set the parental control level at Level 5, all DVDs from levels 1-5 can be played. Video DVDs with a higher level will not play. Select **Unrestricted** to remove all of the restrictions.
– **Change password**: edit the current password.

Switch to full screen

The video image is displayed. Turn the control knob to display the playlist, or press the BACK button. ▶

1) The function automatically switches off when the source is changed.
2) This function is not available for all cell phones.

Replay video[1)]

When this function is switched on ☑, the current video will replay.

Show DVD menu

The DVD main menu opens in the Infotainment system display.

– **Selecting a menu item**: select and confirm a menu item, or move your finger on the MMI touch control pad* and press the control knob.

Audio track[2)]

You can manually set the audio track (language and audio format). The language and audio format options depend on the video DVD.

Subtitles[2)]

You can manually select subtitles for playback. The languages available depend on the DVD.

Aspect

Audi recommends the **Automatic** setting for the picture format. You can set the picture format depending on the active file or source (for example video file*, DVD*).

Aspect ratio	Description
Automatic	The MMI detects the picture format of the source and displays the image in the optimal ratio. Black bars may appear on the sides of the display, depending on the source format and the Infotainment system display that is installed.
Zoom	The image is enlarged to fill the entire Infotainment system display. Switch the function off if the image is distorted.
Cinemascope	Use this setting for films in cinema format 21:9. Black bars are shown in the upper and lower edges of the Infotainment system display.
Original	The image is displayed in the ratio of the source format. Select this option if the image is distorted or a section of the image is cut off when **Auto** is selected.
4:3	The image is set to the 4:3 picture format. Black bars are shown on the sides of the Infotainment system display.
16:9	The image is set to the 16:9 picture format. Black bars are shown in the upper and lower edges of the Infotainment system display.

Tips

– Not all video DVDs have parental control.
– The protection levels for the **Parental control** are based on the US standards from the Motion Picture Association of America (MPAA). Note that the age levels for video DVDs in European countries may differ.
– Password entry for **Parental control** will be locked for approximately one minute if you enter the incorrect password three times in a row. The password can only be reset by an authorized Audi dealer.

1) The function automatically switches off when the source is changed.
2) Depending on the DVD, this may not be possible during playback.

Supported media and file formats

Overview

The Jukebox*, SD card reader and the USB storage device* connection support the following audio/ video file properties:

	Audio files				Video files*		
Supported media	**SD/SDHC/SDXC/MMC memory cards**: with a capacity up to 128 GB **DVD drive**: audio CDs (up to 80 min) with CD text (artist, album, song)*, CD-ROMs with a capacity of up to 700 MB; DVD±R/RW; DVD video; DVD audio with audio tracks that are compatible with a DVD video player; **Audi music interface**: mobile devices (such as an iPod ⇨ *page 247*, MTP player, USB storage device in “USB Device Subclass 1 and 6” that conforms to USB 2.0: USB sticks, USB MP3 players (Plug-and-Play-capable), external USB flash drives and hard drives						
File system	**Memory cards**: exFAT, FAT, FAT32, NTFS **USB storage devices**: FAT, FAT32, NTFS **USB storage device partitions (primary/logical*):** 2 per USB connection **CD/DVD file systems**: ISO9660, Joliet, UDF						
Metadata	**Album cover**: GIF, JPG, PNG with max. 800x800 px. The album cover from the medium or from Gracenote* is displayed, depending on availability.						
Format	MPEG 1/2 Layer 3	Windows Media Audio 9 and 10	MPEG 2/4	FLAC	MPEG 1/2	MPEG4 AVC (H.264)	Windows Media Video 9
File extension	.mp3	.wma	.m4a .m4b .aac	.flac	.mpg; .mpeg	.mp4 .m4v .mov .avi	.wmv .asf
Playlists	.M3U; .PLS; .WPL; .M3U8; .ASX						
Characteristics	up to maximum 320 kbit/s and 48 kHz sampling frequencies			48 kHz sampling frequency	up to maximum 2,000 kbit/s and 720x576 px. at maximum 25 fps		
Number of files	**DVD drive***: maximum 1,000 files per medium **Jukebox***: approximately 10 GB memory capacity; maximum 3,000 files can be imported **USB storage device and memory cards**: maximum 10,000 files per medium; maximum 1,000 files per playlist/directory						

Tips

– The media drives do not support the Windows Media Audio 9 Voice format.

– For compressing MP3 files, Audi recommends a bit rate of at least 160 kbit/s. The display showing the remaining play time may differ for audio files with variable bit rate.

– Special characters (such as those in ID3 tag information) may display differently or may not always display, depending on the system language.
– The manufacturer of the storage device can provide information about its “USB Device Subclass”.

– Some MTP player functions are not supported, such as rating music tracks and video playback.

CD drive

Applies to: vehicles with a CD drive

The following audio file properties are supported by the CD drive:

	Audio files			
Supported media	Audio CDs (up to 80 min) with CD text (artist, album, track)*, CD-ROMs with a capacity of up to 700 MB			
File system	**CD file system**: ISO9660, Joliet, UDF			
Metadata	**Album cover**: GIF, JPG, PNG with max. 800x800 px. The album cover from the medium may be displayed, depending on availability.			
Format	MPEG 1/2 Layer 3	Windows Media Audio 9 and 10	MPEG 2/4	FLAC
File extension	.mp3	.wma	.m4a .m4b .aac	.flac
Playlists	.M3U; .PLS; .WPL; .M3U8; .ASX			
Characteristics	up to maximum 320 kbit/s and 48 kHz sampling frequencies			48 kHz sampling frequency
Number of files	Maximum 1,000 files per medium			

Tips

– For compressing MP3 files, Audi recommends a bit rate of at least 160 kbit/s. The display showing the remaining play time may differ for audio files with variable bit rate.
– Special characters (such as those in ID3 tag information) may display differently or may not always display, depending on the system language.

Troubleshooting

Problem	Solution
Audi music interface/Bluetooth audio player*: mobile device is not supported.	Read the instructions in the chapter ⇨ *page 247, Multimedia connections/* ⇨ *page 244, Bluetooth audio player*.
Audi music interface: the volume is too high/too low when starting playback through the AUX input.	Adjust the volume of the mobile device to approximately 70% of the maximum output ⇨ *page 253,* **Input level**.

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Problem	Solution
Audi music interface: the mobile device is not recognized as a source.	For many cell phones or mobile devices, playback is not possible when the battery level is too low (less than 5% of its capacity). The mobile device will only be recognized as a source in the MMI after connecting if the battery charge is sufficient.
Audi music interface: malfunctions during audio playback through an iPod/iPhone.	The **Bluetooth audio player** function is switched on. Switch this function off ⇨ *page 264* when you are not using the **Bluetooth audio player**.
Audi music interface: contents that are changed on a mobile device connected to the Audi music interface [a)] are not displayed in the media center.	Reset the **Media settings** to the factory default settings ⇨ *page 262*.
AUX input: there is static when connecting and disconnecting the AUX connection cable.	When connecting and disconnecting, the **External audio player** source is already selected. Before connecting or disconnecting the mobile device, either mute the device (see ⇨ *page 265*) or switch to a different audio source (for example ⇨ *page 236, Opening the radio*).
Bluetooth audio player*/**Wi-Fi audio player***: audio playback interference.	Only *one* interface should be actively used at a time to ensure problem-free playback.
Jukebox*: tracks on the imported playlist are grayed out.	When importing playlists, all of the files themselves must be imported.
Jukebox*: imported tracks cannot be played or found.	If you cannot find imported tracks in the media center, they may not be supported. Only copy supported files ⇨ *page 256* to the Jukebox.
Online media*: connection failed between the MMI and the **myAudi** app.	To establish a connection to the MMI, the MMI connection switch must be switched on in the **myAudi** app status screen.
Bluetooth audio player*: interference with track display and audio playback.	Playback interference can occur when using the **Bluetooth audio player** if a music player app from a third party provider is open. Audi recommends using the integrated media player on your Bluetooth device (such as a smartphone).
Wi-Fi hotspot*: your Wi-Fi device is disconnected from the Wi-Fi hotspot.	Make sure the network optimization functions are switched off in the Wi-Fi settings or in the network settings for your Wi-Fi device. For additional information refer to the user guide for your Wi-Fi device.
Audi music interface: audio playback through the connected mobile device is not possible.	Make sure the USB mode *MTP* is selected in the settings on your mobile device.

a) Applies only to MTP devices. Does not apply to Apple devices and USB mass storage devices.

Audi smartphone interface

Setup

Applies to: vehicles with Audi smartphone interface

You can connect your smartphone to the MMI using the Audi smartphone interface. Certain content on your smartphone is adapted to the Infotainment system display while driving and can be operated through the MMI control panel.

Requirement

The vehicle must be stationary and the ignition must be switched on.

An iPhone generation 5 or newer with Lightning connector and iOS 7.1.2 operating system or higher is required. **Or**:

A smartphone with the Android Auto app and Android 5.0 Lollipop operating system or higher is required.

- ▸ Connect your smartphone to the Audi music interface ⇨ *page 247* using the applicable USB adapter ⇨ *page 247, fig. 215*.
- ▸ Select and confirm **Activate Apple CarPlay** or **Activate Android Auto now**.
- ▸ Follow the system instructions.
- ▸ Pay attention to any additional system prompts on your smartphone, if applicable.

If you chose not to use Apple CarPlay or Android Auto when connecting your smartphone for the first time, you can start the Audi smartphone interface later on using the **Connection manager**.

- ▸ Select: MENU button > **Audi smartphone interface** > **Change to connection manager**.
- ▸ Connect your smartphone to the Audi music interface using the appropriate USB adapter ⇨ *page 247, fig. 215*.
- ▸ Select and confirm **Audi smartphone interface** in the **Connection manager** ⇨ *page 262*. You can select your smartphone in the list of devices that are already paired ⇨ *page 264*.
- ▸ Follow the system instructions.

WARNING

Driving requires your complete and undivided attention. As the driver, you have complete responsibility for safety in traffic. Never operate mobile devices while driving, because this increases the risk of an accident.

Note

Always follow the information found in ⇨ *General information on page 208*.

Tips

– The functions that can be used depend on the following factors, among others:
  – The brand of your smartphone
  – The version of the operating system in your smartphone
  – The software version of the app used
  – The USB adapter cable and correct connection
  – Your cell phone service provider
  – The customized settings on your smartphone
– One of the factors above or a combination of any of them could cause your smartphone to be incompatible with the Audi smartphone interface. Compatibility cannot be guaranteed for all types of smartphones. For more information and assistance, refer to the user guide and the manufacturer of your smartphone.
– If the connected smartphone has voice control, you can operate your smartphone using the external voice recognition system ⇨ *page 194*.
– The menu language shown in the MMI is based on the settings in your smartphone.
– The time displayed in the MMI is based on the settings in your smartphone.
– Some MMI functions are not available when Apple CarPlay or Android Auto is active.
– You cannot connect any mobile devices via Bluetooth when an Apple CarPlay connection is active.

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Operating

Applies to: vehicles with Audi smartphone interface

Opening a menu

Apple CarPlay: you can go back to the Apple CarPlay main menu regardless of the selected menu item by pressing and holding the BACK button.

Android Auto: to go back to the Android Auto menu bar, push the control knob down.

Opening a menu item

Select and confirm a menu item using the MMI control panel.

Troubleshooting

Applies to: vehicles with Audi smartphone interface

Problem	Solution
Audi smartphone interface cannot be opened.	Check the battery charge level on your smartphone. Check the USB cable and use a different one if necessary. Check if Android Auto or Apple CarPlay is available in the country where the vehicle is being operated.
	Android Auto: check if the Android Auto app is installed on your smartphone.
Connecting the smartphone to the MMI failed.	Make sure that you are using the correct USB adapter and check if the USB adapter is connected correctly to your smartphone and the Audi music interface ⇨ *page 247*.
	Apple CarPlay: check if Apple CarPlay is activated on your smartphone.
	Android Auto: check in the Android Auto app if Android Auto permits new vehicles.
The smartphone is not automatically detected.	Make sure that you are using the correct USB adapter and check if the USB adapter is connected correctly to your smartphone and the Audi music interface ⇨ *page 247*. Check if the requirements needed to connect a smartphone have been met.

System settings

Setting the date and time

You can set the clock time manually or using the GPS*.

- ▸ Select: MENU button > **Settings** > left control button > **MMI settings** > **Date & time**, or
- ▸ Select: MENU button > **Vehicle** > left control button > **Vehicle settings** > **Date & time**.

Automatic setting

When this function is switched on ☑, the time and date are automatically set.

Time

Requirement: the **Automatic setting** must be switched off.

Press the control knob. You can set the **Time** manually by turning and pressing the control knob.

Date

Requirement: the **Automatic setting** must be switched off.

Press the control knob. You can set the **Date** manually by turning and pressing the control knob.

Time zone

When selecting the appropriate time zone, a sampling of countries in this zone will be listed.

Automatic time zone*

When this function is switched on ☑, the time will automatically adjust to the corresponding time zone.

Automatic daylight saving time*

When this function is switched on ☑, the time will automatically switch to daylight saving time.

Time format

If you select **24h**, the clock will display, for example, **13:00**. If you select **AM/PM**, the clock will display, for example, **1:00 PM**.

Date format

If you select **DD.MM.YYYY**, the date display will show, for example, **31.03.2019**. If you select **MM/DD/YYYY**, the date display will show, for example, **03/31/2019**. If you select **YYYY-MM-DD**, the date display will show, for example, **2019-03-31**.

MMI settings

- ▸ Select: MENU button > **Settings** > left control button > **MMI settings**.

Language

You can change the display language as well as the language for the voice guidance* and voice recognition system*.

The number of languages available depends on the country.

Measurement units

The following measurement units can be set depending on availability: **Speed**, **Distance**, **Temperature**, **Fuel consumption**, **Volume**, **Pressure**.

Mobile device reminder signal

Applies to: vehicles with Audi phone box

Requirement: your cell phone must be Qi-capable [1)] or connected to the Audi music interface ① with a USB adapter cable ⇨ *page 197, fig. 185*.

When the device reminder signal is switched on, you will be notified that your mobile device is still in the Audi phone box when you leave the vehicle. You can select between **Spoken cue**, **Signal tone** and **Off**.

Mobile device reminder signal volume: you can adjust the reminder signal volume by turning the control knob. ▶

1) The Qi standard makes it possible to charge your mobile device wirelessly.

Switch off pop-up: when the function is switched on ☑, the messages in the Infotainment system display regarding the charging status of your cell phone in the Audi phone box are hidden. The reminder not to forget your cell phone when leaving the vehicle is also switched off.

Tool tips

When this function is switched on ☑, your MMI shows you tips for input. The frequency of how often it displays decreases with time.

Speech dialog system

Applies to: vehicles with voice recognition system

Depending on vehicle equipment, the following functions may be available:

Command display: when this function is switched on ☑, the MMI will show you the possible commands for voice input in the respective menu.

Short dialog: when this function is switched on ☑, a shorter form of the prompts is used.

Command during voice output*: this function is switched on at the factory. When this function is switched on ☑, you can say new commands during announcements. You do not need to wait for the signal tone (beep) during an announcement. When the function is switched off ☐, you need to wait for the signal tone (beep) to say a new command.

Volume: you can adjust the volume of the prompts by turning the control knob.

Individual speech training (only when the vehicle is stationary): you can adapt the voice recognition system to your voice or pronunciation in order to improve the system's ability to recognize your speech. Individual speech training is comprised of 20 speech entries that consist of commands and sequences of numbers. You can delete the programmed voice training with the **Reset individual speech training** function.

Display brightness

You can adjust the brightness of the Infotainment system display by turning the control knob.

Factory settings

Depending on the vehicle equipment, the following functions can be reset to factory settings:

- **Sound settings**
- **Radio**
- **Media settings**
- **Jukebox**
- **Directory**
- **Telephone**
- **Bluetooth and Wi-Fi**
- **Navigation settings**
- **Navigation and online memory**
- **Speech dialog system**
- **Shortcut keys**
- **Message settings**
- **Apps**
- **Tool tips**
- **Audi connect**
- **Audi smartphone interface**

You can select the desired functions individually or all at once with the option **Select all entries**. Select and confirm **Restore factory settings**.

Tips

Make sure that not only the settings were deleted but also the stored data, if necessary.

Connection manager

Introduction

The connection manager provides an overview of your connected devices and their network status:

▸ Select: MENU button > **Settings** > left control button > **MMI settings** > **Connection manager**.
▸ Select and confirm a menu item.

If a mobile device was already connected and you select and confirm the corresponding menu item, the device name and connection status are displayed under the menu item.

You can individually **connect** (☑) or **disconnect** (☐) a paired device.

Requirement: The vehicle must be stationary and the ignition must be switched on. The Bluetooth settings will open on your mobile device during ▸

the connection setup. The Bluetooth function and visibility of the MMI ⇨ *page 264* and mobile device must be switched on. The mobile device to be connected must not be connected to any other Bluetooth device.

Primary phone

Applies to: vehicles with telephone

- ▸ **Connect new device**: search for and connect a cell phone.
- ▸ **List of devices already paired**: select your cell phone from the list of all the devices that are already paired.

Secondary phone

Applies to: vehicles with telephone and Audi phone box

- ▸ **Connect new device**: search for and connect a cell phone.
- ▸ **List of devices already paired**: select your cell phone from the list of all the devices that are already paired.

Data connection

Applies to: vehicles with Audi connect Infotainment

The data connection is made using the embedded SIM card [1] ⇨ *page 209*. You do not need to adjust any additional settings.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

myAudi app

Applies to: vehicles with Audi connect Infotainment

Requirement: the **myAudi** app must be installed and open on your mobile device.

- ▸ **Connect new device**: search for and connect a mobile device (such as a smartphone).
- ▸ **List of devices already paired**: select your mobile device from the list of all the devices that are already paired.

Audio player

Applies to: vehicles with Bluetooth or Wi-Fi audio player

Bluetooth player

Requirement: the Bluetooth function and visibility must be switched on in the MMI ⇨ *page 264* and on the Bluetooth audio player.

- ▸ **Connect new device**: press the control knob.
- ▸ Select **Bluetooth audio player**.
- ▸ Search for and connect a mobile device.
- ▸ **List of devices already paired**: select a Bluetooth device from the list of all the devices that are already paired.

Wi-Fi audio player

Requirement: the Wi-Fi hotspot on the MMI ⇨ *page 214* and on your Wi-Fi audio player must be switched on.

- ▸ **Connect new device**: press the control knob. Search for and connect a Wi-Fi capable device.
- ▸ **Disconnecting** the **Wi-Fi audio player**: deactivate Wi-Fi on your Wi-Fi-capable device. The device will be automatically removed from the list.

Note

Always follow the information found in ⇨ ⓘ *in General information on page 208*.

Directory

Applies to: vehicles with telephone

Display contacts from a cell phone (or an additional cell phone).

Requirement: no cell phones can be connected to the MMI using the **Handsfree** profile.

- ▸ **Connect new device**: search for and connect a new cell phone.
- ▸ **List of devices already paired**: select your cell phone from the list of all the cell phones that are already paired.

1) SIM card installed in the vehicle at the factory.

Audi smartphone interface

Applies to: vehicles with Audi smartphone interface

- Connect your cell phone to the Audi music interface ⇨ *page 247* using a USB adapter ⇨ *page 247, fig. 215*.
- Select your cell phone from the list of cell phones that have already been connected.

Additional options

Depending on the selected function, you can use the right control button to access the available additional options in the connection manager.

Delete Bluetooth device*

The selected cell phone/mobile device is disconnected from the MMI and is removed from the list of all devices that are already paired.

Show Bluetooth profiles*

You can **Connect** or **Disconnect** the **Handsfree**, **Messages***, **Directory/contacts** and **Bluetooth audio player** profiles separately.

Bluetooth settings*

– **Bluetooth**: select and confirm a setting for the Bluetooth connection visibility. Select **Visible** for the MMI to be visible to other devices. Select **Invisible** for the MMI to not be visible to other devices. However, it is still possible to establish a Bluetooth connection with paired devices when the visibility is switched off. Select **Off** to turn visibility off. Then a Bluetooth connection is not possible.
– **Bluetooth audio player**: when this function is switched on ☑, the Bluetooth audio player is available as a source in the **Media** menu.
– **Bluetooth name**: the MMI Bluetooth name (for example "AUDI MMI") is displayed and can be changed.

Online settings*

– **Data usage counter**: the amount of data packets that are sent and received through the MMI is displayed. You can reset the data usage information to zero using the **Reset data counter** option.
– **Network status**: the mobile network provider for data service as well as the network status are displayed.

Wi-Fi settings*

See ⇨ *page 214*.

Storing as a default telephone

Applies to: vehicles with telephone

Requirement: a mobile device must be connected to the MMI ⇨ *page 195*.

When the mobile device is in range and the Bluetooth function on the mobile device and in the MMI is switched on, this mobile device will be given priority over the other Bluetooth devices and will be connected directly to the MMI. The connected mobile device is displayed first in the device list.

Network settings*

– **Login**: you can chose an **Automatic** login to your cell phone service provider's network, or you can choose a **Manual** login from the list of available networks.
– **Network selection**: available networks in the present location can be selected under network selection. This function is only available for the **Manual** login setting.

Apple CarPlay sound settings/Android Auto sound settings

Applies to: vehicles with Audi smartphone interface

See ⇨ *page 265*.

About Apple CarPlay/About Android Auto

Applies to: vehicles with Audi smartphone interface

Here you will find legal information regarding the use of Apple CarPlay or Android Auto and information about device-specific data exchange.

Delete Apple CarPlay device/Delete Android Auto device

Applies to: vehicles with Audi smartphone interface

Requirement: your cell phone must not be connected to the Audi music interface with a USB adapter.

Select: **Audi smartphone interface** > a device from the list > right control button. ▶

To remove your mobile device from the list, select and confirm **Delete Apple CarPlay device** or **Delete Android Auto device**.

System update

▸ Select: MENU button > **Settings** > left control button > **System maintenance**.

– **System update**: insert the storage device with the update data into the appropriate drive ⇨ *page 242*. Select and confirm the drive > **Start update**. The length of the process depends on the size of the update.
– **Reset driver installation**: the selected media driver package is reset to the settings at the time of delivery.
– **Version information**: information on the MMI software version and the navigation database* software version is displayed. The **Software information** function also provides information on the software contained in the MMI and the licensing agreement.

Sound settings

The sound distribution and volume of the MMI can be adjusted individually. The settings depend on the vehicle equipment.

▸ Select: MENU button > **Sound** > left control button > **Entertainment**.

Treble/Bass

You can adjust the **Treble** and **Bass** settings by turning the control knob. The changed settings only apply for the audio source that is active at the time. This allows you to adjust the sound settings for each audio source separately.

Balance/fader (sound focus)

– **Adjusting the sound distribution to the left or right**: press the control knob. Turn the control knob to the left or right to the desired position.
– **Adjusting the sound distribution to the front or rear**: press the control knob again. Turn the control knob to the left or right to the desired position.
– **Adjusting the sound distribution using the MMI touch**: move your finger on the MMI touch control panel in the desired direction.

Sound effects

Select and confirm a **Focus** setting:
– **All**: all speakers in the vehicle are active (symmetrical sound distribution).
– **Front**: only the speakers in the front of the vehicle are active.
– **Rear**: only the speakers in the rear of the vehicle are active.

Select and confirm a **3D effect** setting (surround sound):
– **Off**: the 3D effect is switched off.
– **Low**: the 3D effect is optimized, for example for audio books.
– **Medium**: the 3D effect is optimized for all sources.
– **High**: the 3D effect is at the maximum.

Subwoofer

Turn the control knob to adjust the subwoofer.

Speed dependent volume control

Turn the control knob to adjust the playback volume to the noise inside the vehicle.

Volume settings

Adjusting the volume

The volume of an audio source or a system message (for example, from the voice recognition system*) can be adjusted directly while the sound is playing using the On/Off knob.

▸ **Increasing or decreasing the volume**: turn the On/Off knob ① ⇨ *page 168, fig. 162* to the right or left.
▸ **Muting or pausing**: press the On/Off knob briefly, or:
▸ Turn the On/Off knob to the left until the symbol ⑫ ⇨ *page 179* appears. An active audio/video source is stopped.
▸ **Unmuting or resuming**: Press the On/Off knob briefly, or:
▸ Turn the On/Off knob to the right. ▶

WARNING

To reduce the risk of an accident, adjust the volume of the audio system so that audible signals from outside the vehicle, such as police and fire sirens, can be heard easily at all times.

Tips

The volume is automatically adjusted to a preset level when the MMI is switched on.

Adjusting the system volume

► Select: MENU button > **Sound** > left control button.

Telephone

Applies to: vehicles with telephone

Mute telephone: messages and ringtones are set to mute.

Ringtone: see ⇨ *page 206,* **Ringtone and volume settings**.

Ringtone volume: you can adjust the volume of the selected ringtone by turning the control knob.

Message volume: you can adjust the volume of the notification for an incoming text message by turning the control knob.

Microphone input level: you can adjust the call volume during a phone call by turning the control knob.

Navigation

Applies to: vehicles with navigation system

Voice guidance: see ⇨ *page 228*.

Voice guidance during phone call: see ⇨ *page 228*.

Voice guidance volume: you can adjust the voice guidance volume by turning the control knob or you can adjust it while route guidance is active by turning the On/Off knob.

Entertainment fader: the volume of audio playback can be temporarily lowered when the parking system or voice guidance is active.

Voice recognition system

Applies to: vehicles with voice recognition system

Command display: see ⇨ *page 262*.

Short dialog: see ⇨ *page 262*.

Speech dialog system volume: see ⇨ *page 262*.

Individual speech training: see ⇨ *page 262*.

Parking aid*

You can adjust the volume of the signal tone by turning the control knob.

– **Adjusting** the **Front volume**: select and confirm **High**, **Medium** or **Low**.
– **Adjusting** the **Rear volume**: select and confirm **High**, **Medium** or **Low**.

MMI touch*

Turn the control knob to adjust the volume of the spoken prompts from the MMI touch*.

Restarting the MMI

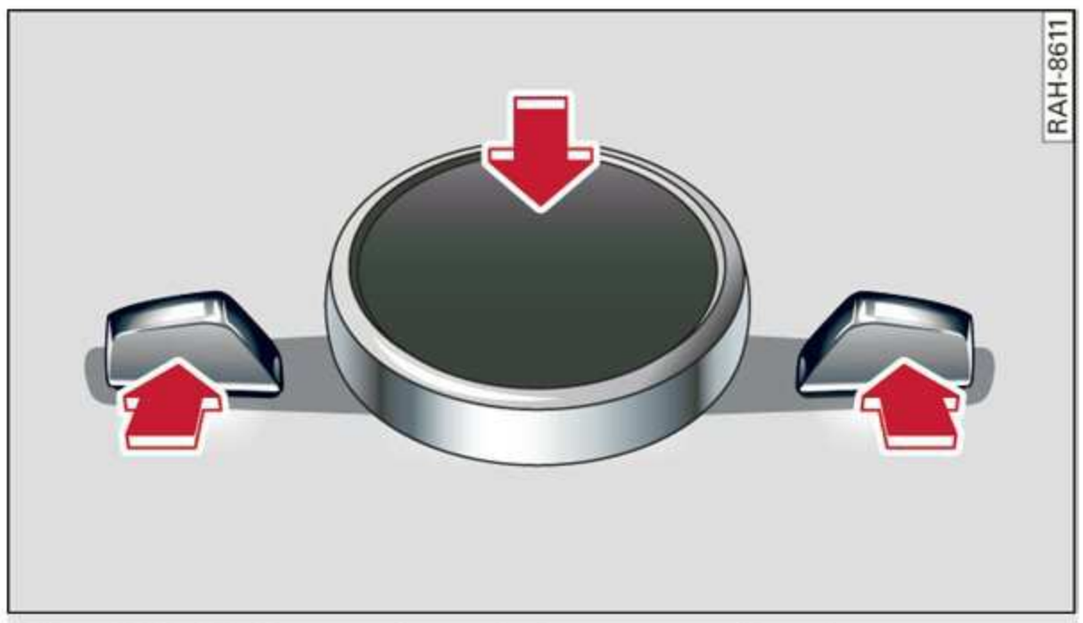


Fig. 222 MMI control panel: Button combination to restart the system

► Briefly press the control knob and both buttons *at the same time* to immediately open the menu upward ⇨ *fig. 222*.

Software license information

Information on MMI software and licensing agreements

► Select: MENU button > **Settings** > left control button > **System maintenance** > **Version information**, or:
► online at www.audi.com/softwareinfo. ▶

Information on head-up display software and licensing agreements

Requirement: the vehicle must be stationary.

- ► Press and hold the head-up display button for more than five seconds after switching on the ignition.
- ► Press the control knob to close the information, or:
- ► Start driving.

Information on instrument cluster software and licensing agreements

- ► Press the reset button O.O [1] twice within five seconds of switching the ignition on.

1) Not available in all vehicles.

Driving safety

Basics

Safe driving habits

Please remember - safety first!

The individual safety features of your vehicle can work together as a system to help protect you and your passengers in a wide range of accidents. These features cannot work as a system if they are not always correctly adjusted and correctly used.

This chapter contains important information, tips, instructions and warnings that you need to read and observe for your own safety, the safety of your passengers and others. We have summarized here what you need to know about safety belts, airbags, child restraints as well as child safety. Your safety is for us *priority number 1*. Always observe the information and warnings in this section - for your own safety as well as that of your passengers.

The information in this section applies to all model versions of your vehicle. Some of the features described in this sections may be standard equipment on some models, or may be optional equipment on others. If you are not sure, ask your authorized Audi dealer.

WARNING

- Always make sure that you follow the instructions and heed the WARNINGS in this manual. It is in your interest and in the interest of your passengers.
- Always keep all of the Owner's Literature manuals in your Audi when you lend or sell your vehicle so that this important information will always be available to the driver and passengers.
- Always keep the Owner's Literature handy so that you can find it easily if you have questions.

Important things to do before driving

Safety is everybody's job! Vehicle and occupant safety always depends on the informed and careful driver.

For your safety and the safety of your passengers, **before driving always:**

- ▸ Make sure that all lights and signals are operating correctly.
- ▸ Make sure that the tire pressure is correct.
- ▸ Make sure that all windows are clean and afford good visibility to the outside.
- ▸ Secure all luggage and other items carefully ⇨ *page 61*.
- ▸ Make sure that nothing can interfere with the pedals.
- ▸ Adjust front seat, head restraint and mirrors correctly for your height.
- ▸ Instruct passengers to adjust the head restraints according to their height.
- ▸ Make sure to use the right child restraint correctly to protect children ⇨ *page 303, Child safety*.
- ▸ Sit properly in your seat and make sure that your passengers do the same ⇨ *page 53, Front seats*.
- ▸ Fasten your safety belt and wear it properly. Also instruct your passengers to fasten their safety belts properly ⇨ *page 273*.

What impairs driving safety?

Safe driving is directly related to the condition of the vehicle, the driver as well as the driver's ability to concentrate on the road without being distracted.

The driver is responsible for the safety of the vehicle and all of its occupants. If your ability to drive is impaired, safety risks for everybody in the vehicle increase and you also become a hazard to everyone else on the road ⇨ ⚠. Therefore:

- ▸ Do not let yourself be distracted by passengers or by using a cellular telephone.
- ▸ NEVER drive when your driving ability is impaired (by medications, alcohol, drugs, etc.).
- ▸ Observe all traffic laws, rules of the road and speed limits and plain common sense. ▶

- ALWAYS adjust your speed to road, traffic and weather conditions.
- Take frequent breaks on long trips. Do not drive for more than two hours at a stretch.
- Do NOT drive when you are tired, under pressure or when you are stressed.

WARNING

Impaired driving safety increases the risk of serious personal injury and death whenever a vehicle is being used.

Safety systems monitoring

The indicator light in the instrument cluster monitors the safety systems such as the airbags (including the control modules, sensors, and wiring) and the belt tensioners. It turns on when you switch the ignition on and turns off after several seconds.

If the indicator light does not turn on when the ignition is switched on, does not turn off after several seconds, or turns on or flashes while driving, there may be a malfunction in one of the safety systems. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

WARNING

Have the malfunction in the safety systems inspected immediately. Otherwise, there is a risk that the systems may not activate during an accident, which increases the risk of serious or fatal injury.

Correct passenger seating positions

Proper seating position for the driver

The proper driver seating position is important for safe, relaxed driving.

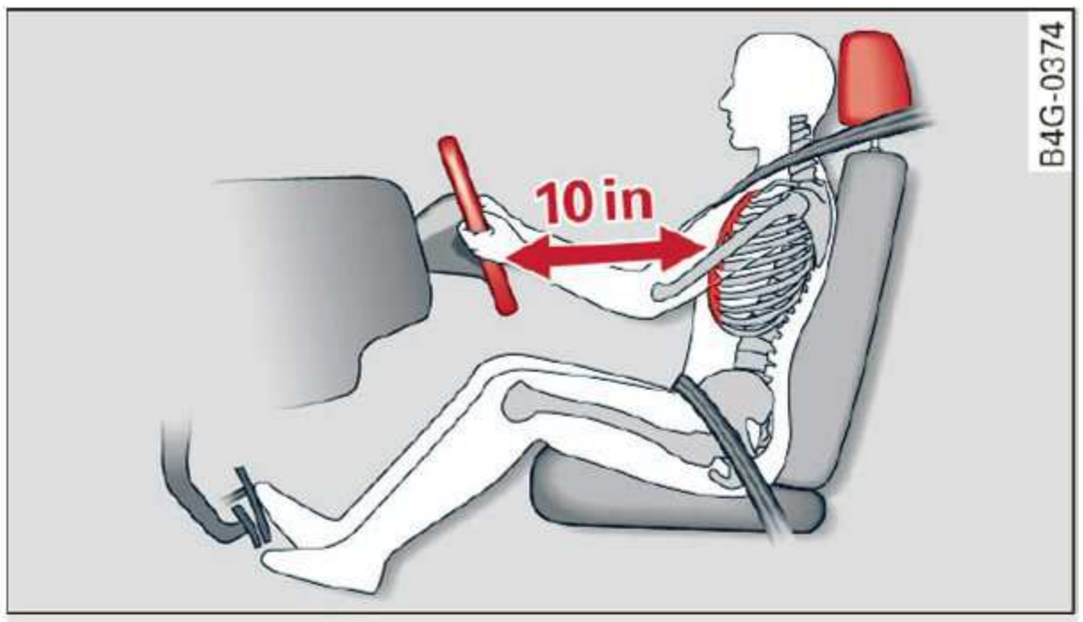


Fig. 223 Correct seating position

For your own safety and to reduce the risk of injury in the event of an accident, we recommend that you adjust the driver's seat to the following position:

- Adjust the driver's seat so that you can easily push the pedals all the way to the floor while keeping your knee(s) slightly bent ⇨ ⚠.
- Adjust the angle of the seatback so that it is in an upright position so that your back comes in full contact with it when you drive.
- Adjust the steering wheel so that there is a distance of at least 10 inches (25 cm) between the steering wheel and your breast bone ⇨ *fig. 223*. If not possible, see your authorized Audi dealer about adaptive equipment.
- Adjust the steering wheel so that the steering wheel and airbag cover points at your chest and not at your face.
- Grasp the top of the steering wheel with your elbow(s) slightly bent.
- Adjust the head restraint so the upper edge is as even as possible with the top of your head. If that is not possible, try to adjust the head restraint so that it is as close to this position as possible.
- Fasten and wear safety belts correctly ⇨ *page 276*.
- Always keep both feet in the footwell so that you are in control of the vehicle at all times. ▶

For detailed information on how to adjust the driver's seat, see ⇨ *page 53*.

WARNING

Drivers who are unbelted, out of position or too close to the airbag can be seriously injured by an airbag as it unfolds. To help reduce the risk of serious personal injury:

– Always adjust the driver's seat and the steering wheel so that there are at least 10 inches (25 cm) between your breastbone and the steering wheel.
– Always hold the steering wheel on the outside of the steering wheel rim with your hands at the 9 o'clock and 3 o'clock positions to help reduce the risk of personal injury if the driver's airbag inflates.
– Never hold the steering wheel at the 12 o'clock position or with your hands at other positions inside the steering wheel rim or on the steering wheel hub. Holding the steering wheel the wrong way can cause serious injuries to the hands, arms and head if the driver's airbag deploys.
– Pointing the steering wheel toward your face decreases the ability of the supplemental driver's airbag to protect you in a collision.
– Always sit in an upright position and never lean against or place any part of your body too close to the area where the airbags are located.
– Before driving, always adjust the front seats and head restraints properly and make sure that all passengers are properly restrained.
– Never adjust the seats while the vehicle is moving. Your seat may move unexpectedly and you could lose control of the vehicle.
– Never drive with the backrest reclined or tilted far back! The farther the backrests are tilted back, the greater the risk of injury due to incorrect positioning of the safety belt and improper seating position.
– Children must always ride in child safety seats ⇨ *page 303*. Special precautions apply when installing a child safety seat on the front passenger seat ⇨ *page 281*.

Proper seating position for the front passenger

The proper front passenger seating position is important for safe, relaxed driving.

For your own safety and to reduce the risk of injury in the event of an accident, we recommend that you adjust the seat for the front passenger to the following position:

- Adjust the angle of the seatback so that it is in an upright position and your back comes in full contact with it whenever the vehicle is moving.
- Adjust the head restraint so the upper edge is as even as possible with the top of your head. If that is not possible, try to adjust the head restraint so that it is as close to this position as possible ⇨ *page 55*.
- Keep both feet flat on the floor in front of the front passenger seat.
- Fasten and wear safety belts correctly ⇨ *page 276*.

For detailed information on how to adjust the front passenger's seat, see ⇨ *page 53*.

WARNING

Front seat passengers who are unbelted, out of position or too close to the airbag can be seriously injured or killed by the airbag as it unfolds. To help reduce the risk of serious personal injury:

– Passengers must always sit in an upright position and never lean against or place any part of their body too close to the area where the airbags are located.
– Passengers who are unbelted, out of position or too close to the airbag can be seriously injured by an airbag as it unfolds with great force in the blink of an eye.
– Always make sure that there are at least 10 inches (25 cm) between the front passenger‘s breastbone and the instrument panel.
– Each passenger must always sit on a seat of their own and properly fasten and wear the safety belt belonging to that seat.
– Before driving, always adjust the front passenger seat and head restraint properly. ▶

– Always keep your feet on the floor in front of the seat. Never rest them on the seat, instrument panel, out of the window, etc. The airbag system and safety belt will not be able to protect you properly and can even increase the risk of injury in a crash.
– Never drive with the backrest reclined or tilted far back! The farther the backrests are tilted back, the greater the risk of injury due to incorrect positioning of the safety belt and improper seating position.
– Children must always ride in child safety seats ⇨ *page 303*. Special precautions apply when installing a child safety seat on the front passenger seat ⇨ *page 281*.

Proper seating positions for passengers in rear seats

Rear seat passengers must sit upright with both feet on the floor consistent with their physical size and be properly restrained whenever the vehicle is in use.

To reduce the risk of injury caused by an incorrect seating position in the event of a sudden braking maneuver or an accident, your passengers on the rear bench seat must always observe the following:

- If there are passengers on the outer rear seats, adjust the head restraints so the upper edge is as even as possible with the top of your head. If that is not possible, try to adjust the head restraint so that it is as close to this position as possible. If there is a passenger in the center rear seat, slide the head restraint upward ⇨ *page 56*.
- Make sure that the seatback is securely latched in the upright position ⇨ *page 63*.
- Keep both feet flat in the footwell in front of the rear seat.
- Fasten and wear safety belts properly ⇨ *page 276*.
- Make sure that children are always properly restrained in a child restraint that is appropriate for their size and age ⇨ *page 303*.

WARNING

Passengers who are improperly seated on the rear seat can be seriously injured in a crash.
– Each passenger must always sit on a seat of their own and properly fasten and wear the safety belt belonging to that seat.
– Safety belts only offer maximum protection when the seatback is securely latched in the upright position and the safety belts are properly positioned on the body. By not sitting upright, a rear seat passenger increases the risk of personal injury from improperly positioned safety belts!
– Always adjust the head restraint properly so that it can give maximum protection.

Examples of improper seating positions

The occupant restraint system can only reduce the risk of injury if vehicle occupants are properly seated.

Improper seating positions can cause serious injury or death. Safety belts can only work when they are properly positioned on the body. Improper seating positions reduce the effectiveness of safety belts and will even increase the risk of injury and death by moving the safety belt to critical areas of the body. Improper seating positions also increase the risk of serious injury and death when an airbag deploys and strikes an occupant who is not in the proper seating position. A driver is responsible for the safety of all vehicle occupants and especially for children. Therefore:

- Never allow anyone to assume an incorrect seating position when the vehicle is being used ⇨ ⚠.

The following bulletins list only some sample positions that will increase the risk of serious injury and death. Our hope is that these examples will make you more aware of seating positions that are dangerous.

Therefore, whenever the vehicle is moving:

– never stand up in the vehicle
– never stand on the seats
– never kneel on the seats ▶

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– never ride with the seatback reclined
– never lie down on the seats
– never lean up against the instrument panel
– never sit on the edge of the seat
– never sit sideways
– never lean out the window
– never put your feet out the window
– never put your feet on the instrument panel
– never rest your feet on the seat cushion or back of the seat
– never ride in the footwell
– never ride in the cargo area

WARNING

Improper seating positions increase the risk of serious personal injury and death whenever a vehicle is being used.

– Always make sure that all vehicle occupants stay in a proper seating position and are properly restrained whenever the vehicle is being used.
– Always make sure that nothing can fall or move into the driver's footwell.

Pedal area

Pedals

The pedals must always be free to move and must never be interfered with by a floor mat or any other object.

Make sure that all pedals move freely without interference and that nothing prevents them from returning to their original positions.

Only use floor mats that leave the pedal area free and can be secured with floor mat fasteners.

If a brake circuit fails, increased brake pedal travel is required to bring the vehicle to a full stop.

WARNING

Pedals that cannot move freely can cause loss of vehicle control and increase the risk of serious injury.

– Never place any objects in the driver's footwell. An object could get into the pedal area and interfere with pedal function. In case of sudden braking or an accident, you would not be able to brake or accelerate!

Floor mats on the driver side

Always use floor mats that can be securely attached to the floor mat fasteners and do not interfere with the free movement of the pedals.

▸ Make sure that the floor mats are properly secured and cannot move and interfere with the pedals ⇨ ⚠.

Use only floor mats that leave the pedal area unobstructed and that are firmly secured so that they cannot slip out of position. You can obtain suitable floor mats from your authorized Audi dealer.

Floor mat fasteners are installed in your Audi.

Floor mats used in your vehicle must be attached to these fasteners. Properly securing the floor mats will prevent them from sliding into positions that could interfere with the pedals or impair safe operation of your vehicle in other ways.

WARNING

Pedals that cannot move freely can result in a loss of vehicle control and increase the risk of serious personal injury.

– Always make sure that floor mats are properly secured.
– Never place or install floor mats or other floor coverings in the vehicle that cannot be properly secured in place to prevent them from slipping and interfering with the pedals or the ability to control the vehicle.
– Never place or install floor mats or other floor coverings on top of already installed floor mats. Additional floor mats and other coverings will reduce the size of the pedal area and interfere with the pedals.
– Always properly reinstall and secure floor mats that have been taken out for cleaning.
– Always make sure that objects cannot fall into the driver footwell while the vehicle is moving. Objects can become trapped under the brake pedal and accelerator pedal causing a loss of vehicle control.

Safety belts

General information

Always wear safety belts!

Wearing safety belts correctly saves lives!

This chapter explains why safety belts are necessary, how they work and how to adjust and wear them correctly.

► Read all the information that follows and heed all of the instructions and WARNINGS.

WARNING

Not wearing safety belts or wearing them improperly increases the risk of serious personal injury and death.

– Safety belts are the single most effective means available to reduce the risk of serious injury and death in automobile accidents. For your protection and that of your passengers, always correctly wear safety belts when the vehicle is moving.
– Pregnant women, injured, or physically impaired persons must also use safety belts. Like all vehicle occupants, they are more likely to be seriously injured if they do not wear safety belts. The best way to protect a fetus is to protect the mother – throughout the entire pregnancy.

Number of seats

Your Audi has a total of five seating positions: two in the front and three in the rear. Each seating position has a safety belt.

WARNING

Not wearing safety belts or wearing them improperly increases the risk of serious personal injury and death.

– Never strap more than one person, including small children, into any belt. It is especially dangerous to place a safety belt over a child sitting on your lap.
– Never let more people ride in the vehicle than there are safety belts available.
– Be sure everyone riding in the vehicle is properly restrained with a separate safety belt or child restraint.

Safety belt warning light

Your vehicle has a warning system for the driver and front seat passenger to remind you about the importance of buckling-up.



Fig. 224 Safety belt warning light in the instrument cluster – enlarged

Before driving off, always:

► Fasten your safety belt and make sure you are wearing it properly.
► Make sure that your passengers also buckle up and properly wear their safety belts.
► Protect children with a child restraint system appropriate for the size and age.

The warning light in the instrument cluster lights up when the ignition is switched on as a reminder to fasten the safety belts. In addition, you will hear a warning tone for a certain period of time.

Fasten your safety belt and make sure that your passengers also properly put on their safety belts.

WARNING

– Safety belts are the single most effective means available to reduce the risk of serious injury and death in automobile accidents. For your protection and that of your passengers, always correctly wear safety belts when the vehicle is moving.
– Failure to pay attention to the warning light that comes on could lead to personal injury.

Why use safety belts?

Frontal collisions and the law of physics

Frontal crashes create very strong forces for people riding in vehicles.

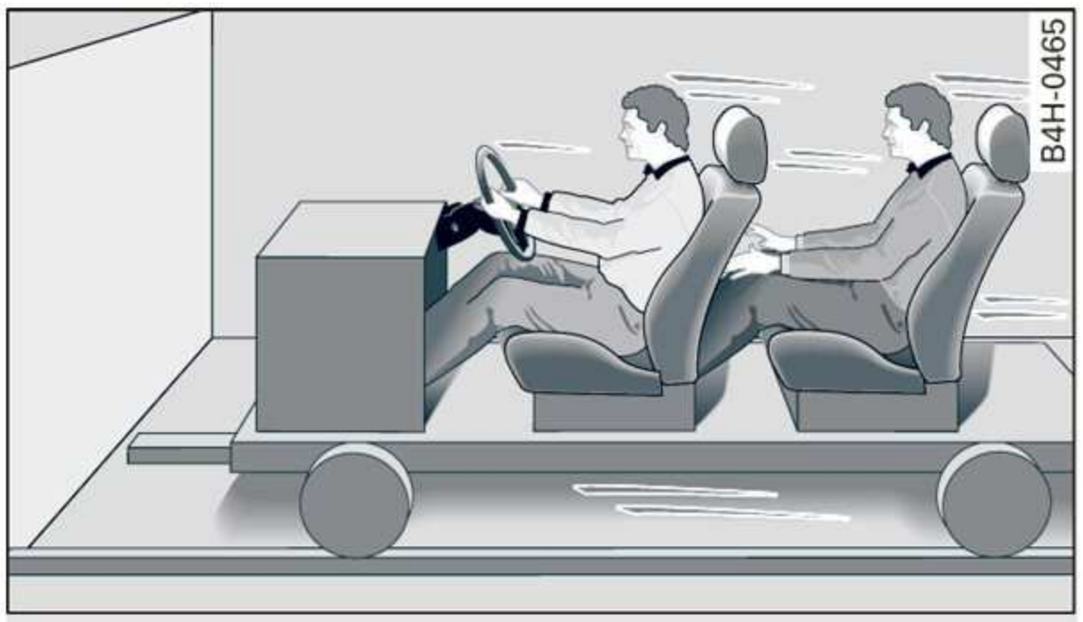


Fig. 225 Unbelted occupants in a vehicle heading for a wall

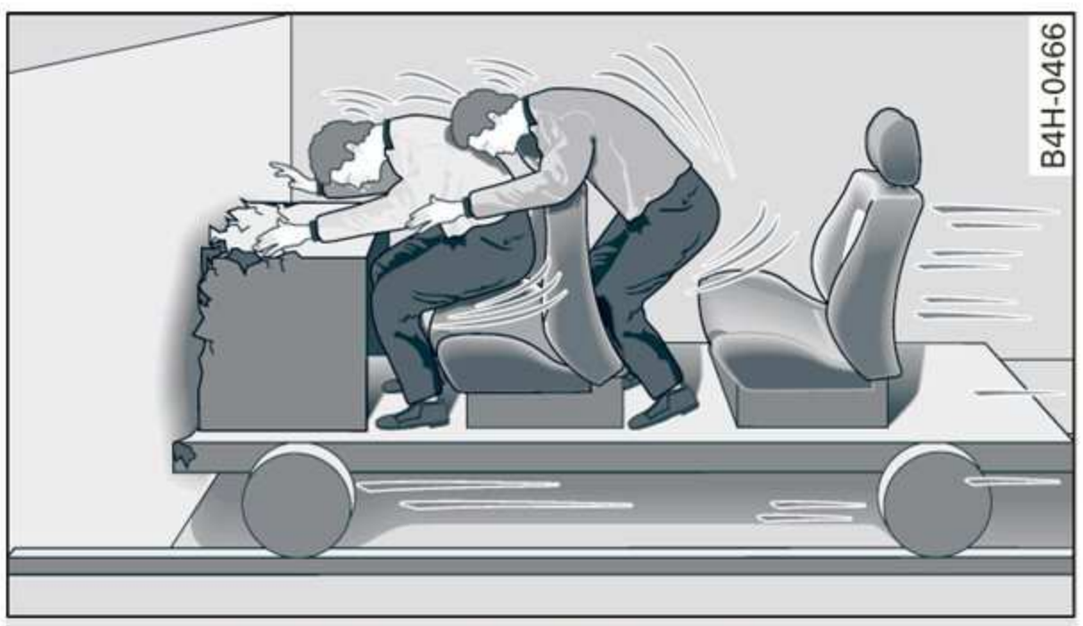


Fig. 226 The vehicle crashes into the wall

The physical principles are simple. Both the vehicle and the passengers possess energy which varies with vehicle speed and body weight. Engineers call this energy “kinetic energy.”

The higher the speed of the vehicle and the greater the vehicle's weight, the more energy that has to be “absorbed” in the crash.

Vehicle speed is the most significant factor. If the speed doubles from 15 to 30 mph (25 to 50 km/h), the energy increases 4 times!

Because the passengers of this vehicle are not using safety belts ⇨ *fig. 225*, they will keep moving at the same speed the vehicle was moving just before the crash, until something stops them – here, the wall ⇨ *fig. 226*.

The same principles apply to people sitting in a vehicle that is involved in a frontal collision. Even at city speeds of 20 to 30 mph (30 to 50 km/h), the forces acting on the body can reach one ton (2,000 lbs. or 1,000 kg) or more. At greater speeds, these forces are even higher.

People who do not use safety belts are also not attached to their vehicle. In a frontal collision they will also keep moving forward at the speed their vehicle was travelling just before the crash. Of course, the laws of physics don't just apply to frontal collisions, they determine what happens in all kinds of accidents and collisions.

What happens to occupants not wearing safety belts?

In crashes unbelted occupants cannot stop themselves from flying forward and being injured or killed. Always wear your safety belts!



Fig. 227 A driver not wearing a safety belt is violently thrown forward



Fig. 228 A rear passenger not wearing a safety belt will fly forward and strike the driver

Unbelted occupants are not able to resist the tremendous forces of impact by holding tight or bracing themselves. Without the benefit of safety restraint systems, the unrestrained occupant will slam violently into the steering wheel, instrument panel, windshield, or whatever else is in the way ⇨ *fig. 227*. This impact with the vehicle interior has all the energy they had just before the crash. ▶

Never rely on airbags alone for protection. Even when they deploy, airbags provide only additional protection. Airbags are not supposed to deploy in all kinds of accidents. Although your Audi is equipped with airbags, all vehicle occupants, including the driver, must wear safety belts correctly in order to minimize the risk of severe injury or death in a crash.

Remember too, that airbags will deploy only once and that your safety belts are always there to offer protection in those accidents in which airbags are not supposed to deploy or when they have already deployed. Unbelted occupants can also be thrown out of the vehicle where even more severe or fatal injuries can occur.

It is also important for the rear passengers to wear safety belts correctly. Unbelted passengers in the rear seats endanger not only themselves but also the driver and other passengers ⇨ *fig. 228*. In a frontal collision they will be thrown forward violently, where they can hit and injure the driver and/or front seat passenger.

Safety belts protect

People think it's possible to use the hands to brace the body in a minor collision. It's simply not true!



Fig. 229 Driver is correctly restrained in a sudden braking maneuver

Safety belts used properly can make a big difference. Safety belts help to keep passengers in their seats, gradually reduce energy levels applied to the body in an accident, and help prevent the uncontrolled movement that can cause serious injuries. In addition, safety belts reduce the danger of being thrown out of the vehicle.

Safety belts attach passengers to the car and give them the benefit of being slowed down more gently or "softly" through the "give" in the safety belts, crush zones and other safety features engineered into today's vehicles. By "absorbing" the kinetic energy over a longer period of time, the safety belts make the forces on the body more "tolerable" and less likely to cause injury.

Although these examples are based on a frontal collision, safety belts can also substantially reduce the risk of injury in other kinds of crashes. So, whether you're on a long trip or just going to the corner store, always buckle up and make sure others do, too. Accident statistics show that vehicle occupants properly wearing safety belts have a lower risk of being injured and a much better chance of surviving an accident. Properly using safety belts also greatly increases the ability of the supplemental airbags to do their job in a collision. For this reason, wearing a safety belt is legally required in most countries including much of the United States and Canada.

Although your Audi is equipped with airbags, you still have to wear the safety belts provided. Front airbags, for example, are activated only in some frontal collisions. The front airbags are not activated in all frontal collisions, in side and rear collisions, in rollovers or in cases where there is not enough deceleration through impact to the front of the vehicle. The same goes for the other airbag systems in your Audi. So, always wear your safety belt and make sure everybody in your vehicle is properly restrained!

Important safety instructions about safety belts

Safety belts must always be correctly positioned across the strongest bones of your body.

- Always wear safety belts as illustrated and described in this chapter.
- Make sure that your safety belts are always ready for use and are not damaged.

WARNING

Not wearing safety belts or wearing them improperly increases the risk of serious personal ▶

injury and death. Safety belts can work only when used correctly.

– Always fasten your safety belts correctly before driving off and make sure all passengers are correctly restrained.
– For maximum protection, safety belts must always be positioned properly on the body.
– Never strap more than one person, including small children, into any belt.
– Never place a safety belt over a child sitting on your lap.
– Always keep feet in the footwell in front of the seat while the vehicle is being driven.
– Never let any person ride with their feet on the instrument panel or sticking out the window or on the seat.
– Never remove a safety belt while the vehicle is moving. Doing so will increase your risk of being injured or killed.
– Never wear belts twisted.
– Never wear belts over rigid or breakable objects in or on your clothing, such as eye glasses, pens, keys, etc., as these may cause injury.
– Never allow safety belts to become damaged by being caught in door or seat hardware.
– Do not wear the shoulder part of the belt under your arm or otherwise out of position.
– Several layers of heavy clothing may interfere with correct positioning of belts and reduce the overall effectiveness of the system.
– Always keep belt buckles free of anything that may prevent the buckle from latching securely.
– Never use comfort clips or devices that create slack in the shoulder belt. However, special clips may be required for the proper use of some child restraint systems.
– Torn or frayed safety belts can tear, and damaged belt hardware can break in an accident. Inspect belts regularly. If webbing, bindings, buckles, or retractors are damaged, have belts replaced by an authorized Audi dealer or qualified workshop.
– Safety belts that have been worn and loaded in an accident must be replaced with the correct replacement safety belt by an authorized Audi dealer. Replacement may be necessary even if damage cannot be clearly seen. Anchorages that were loaded must also be inspected.
– Never remove, modify, disassemble, or try to repair the safety belts yourself.
– Always keep the belts clean. Dirty belts may not work properly and can impair the function of the inertia reel ⇨ *table Interior cleaning on page 363*.

Safety belts

Fastening safety belts

Safety first – everybody buckle up!

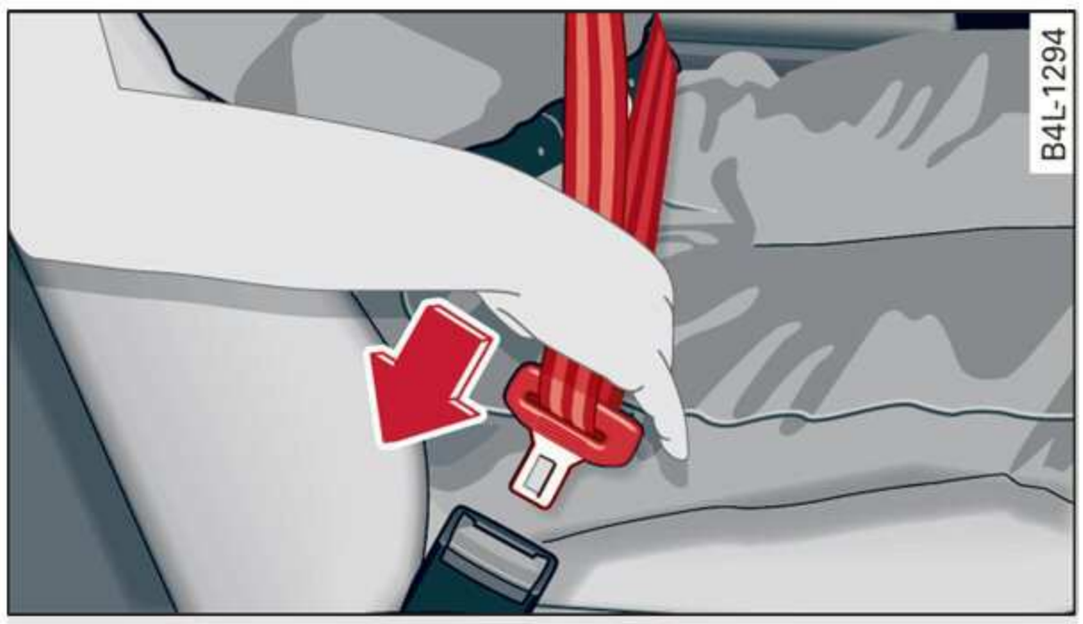


Fig. 230 Belt buckle and tongue on the driver's seat

To provide maximum protection, safety belts must always be positioned correctly on the wearer's body.

- ▸ Adjust the front seat and head restraint properly ⇨ *page 53, Front seats*.
- ▸ Make sure the seatback of the rear seat bench is in an upright position and securely latched in place before using the belt ⇨ ⚠.
- ▸ Pull the safety belt evenly across the chest and pelvis ⇨ *fig. 230*, ⇨ ⚠.
- ▸ Insert the tongue into the correct buckle of your seat until you hear it latch securely.
- ▸ Pull on the belt to make sure that it is securely latched in the buckle.

Automatic safety belt retractors

Every safety belt is equipped with an automatic belt retractor on the shoulder belt. This feature locks the belt when the belt is pulled out fast, during hard braking and in an accident. The belt ▶

may also lock when you drive up or down a steep hill or through a sharp curve. During normal driving the belt lets you move freely.

Safety belt pretensioners

Safety belts with pretensioners help to tighten the safety belt and remove slack when the pretensioners are activated ⇨ *page 279*. The function of the pretensioner is monitored by a warning light ⇨ *page 269*.

Convertible locking retractor

Every safety belt except the one on the driver seat is equipped with a convertible locking retractor that **must** be used when the safety belt is used to attach a child safety seat. Be sure to read the important information about this feature ⇨ *page 314*.

WARNING

Improperly positioned safety belts can cause serious injury in an accident ⇨ *page 277, Safety belt position*.

- Safety belts offer optimum protection only when the seatback is upright and belts are properly positioned on the body.
- Always make sure that the rear seat backrest to which the center rear safety belt is attached is securely latched whenever the rear center safety belt is being used. If the backrest is not securely latched, the passenger will move forward with the backrest during sudden braking, in a sudden maneuver and especially in a crash.
- Never attach the safety belt to the buckle for another seat. Attaching the belt to the wrong buckle will reduce safety belt effectiveness and can cause serious personal injury.
- A passenger who is not properly restrained can be seriously injured by the safety belt itself when it moves from the stronger parts of the body into critical areas like the abdomen.
- Always lock the convertible locking retractor when you are securing a child safety seat in the vehicle ⇨ *page 316*.

Safety belt position

Correct belt position is the key to getting maximum protection from safety belts.

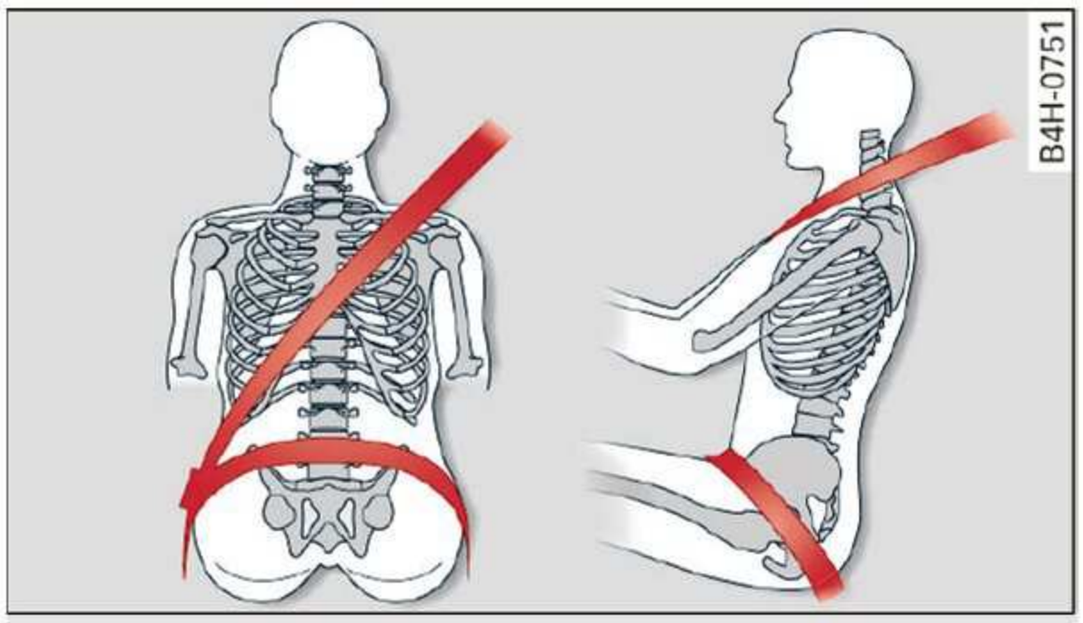


Fig. 231 Safety belt position

Standard features on your vehicle help you adjust the position of the safety belt to match your body size.

– belt height adjustment for the front seats,
– height-adjustable front seats.

WARNING

Improperly positioned safety belts can cause serious personal injury in an accident.

- The shoulder belt should lie as close to the center of the collar bone as possible and should fit well on the body. Hold the belt above the latch tongue and pull it evenly across the chest so that it sits as low as possible on the pelvis and there is no pressure on the abdomen. The belt should always fit snugly ⇨ *fig. 231*. Pull on the belt to tighten if necessary.
- The lap belt portion of the safety belt must be positioned as low as possible across pelvis and never over the abdomen. Make sure the belt lies flat and snug ⇨ *fig. 231*. Pull on the belt to tighten if necessary.
- A loose-fitting safety belt can cause serious injuries by shifting its position on your body from the strong bones to more vulnerable, soft tissue and cause serious injury.
- Always read and heed all WARNINGS and other important information ⇨ *page 275*.

Pregnant women must also be correctly restrained

The best way to protect the fetus is to make sure that expectant mothers always wear safety belts correctly – throughout the pregnancy.



Fig. 232 Safety belt position during pregnancy

To provide maximum protection, safety belts must always be positioned correctly on the wearer's body ⇨ *page 277*.

- ► Adjust the front seat and head restraint correctly ⇨ *page 53, Front seats*.
- ► Make sure the seatback of the rear seat bench is in an upright position and securely latched in place before using the belt.
- ► Pull the safety belt evenly across the chest so that it sits as low as possible on the pelvis and there is no pressure on the abdomen ⇨ *fig. 232*, ⇨ ⚠.
- ► Insert the tongue into the correct buckle of your seat until you hear it latch securely.
- ► Pull on the belt to make sure that it is securely latched in the buckle.

⚠ WARNING

Improperly positioned safety belts can cause serious personal injury in an accident.

– Expectant mothers must always wear the lap portion of the safety belt as low as possible across the pelvis and below the rounding of the abdomen.

– Always read and heed all WARNINGS and other important information ⇨ ⚠ *in Fastening safety belts on page 277*.

Unfastening safety belts

Unbuckle the safety belt with the red release button only after the vehicle has stopped.

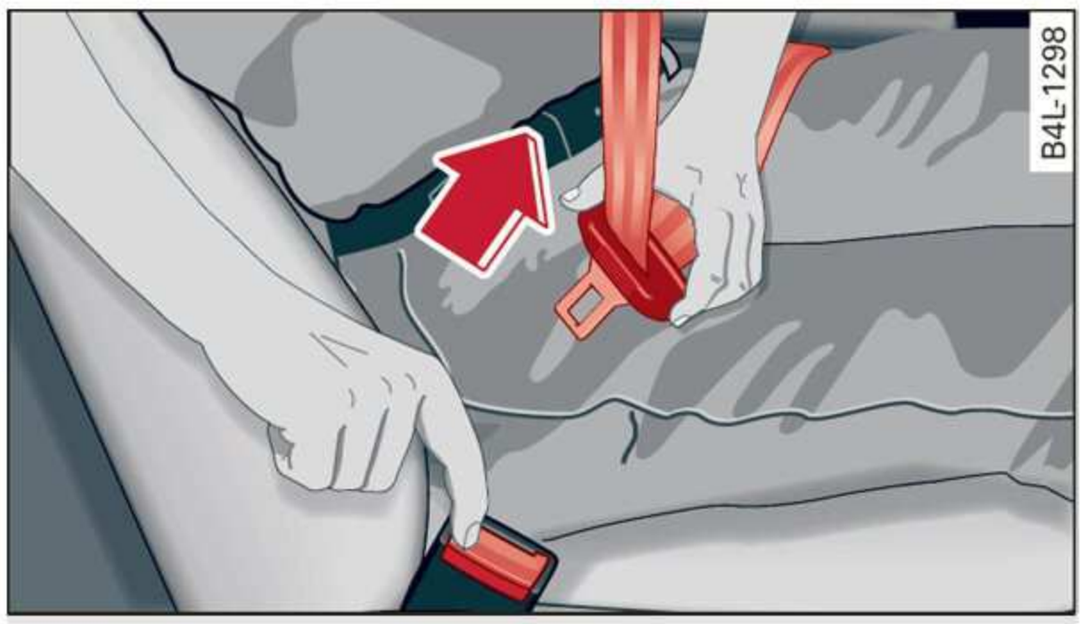


Fig. 233 Releasing the tongue from the buckle

- ► Push the red release button on the buckle ⇨ *fig. 233*. The belt tongue will spring out of the buckle ⇨ ⚠.
- ► Let the belt wind up on the retractor as you guide the belt tongue to its stowed position.

⚠ WARNING

Never unfasten safety belt while the vehicle is moving. Doing so will increase your risk of being injured or killed.

Adjusting safety belt height

With the aid of the safety belt height adjustment, the three point safety belt strap routing can be fitted to the shoulder area, according to body size.

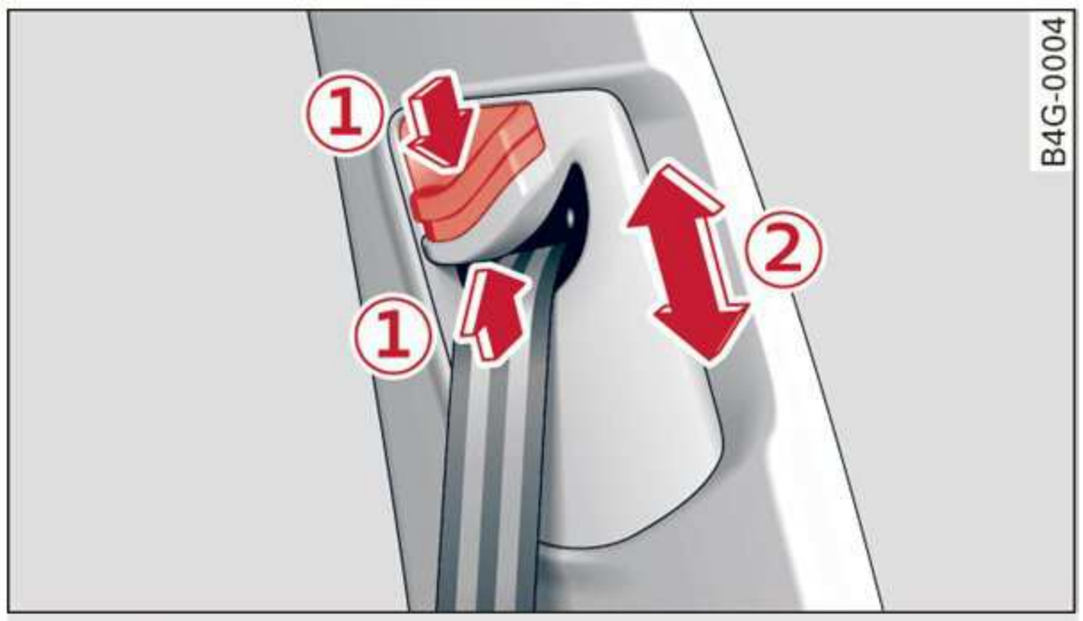


Fig. 234 Safety belt height adjustment – loop-around fittings

The shoulder belt should lie as close to the center of the collar bone as possible and should fit well on the body ⇨ ⚠ *in Safety belt position on page 277*. ►

- ▸ *Push* the loop-around fittings **up** ⇨ *fig. 234* ②, or
- ▸ *squeeze* together the ① button, and *push* the loop-around fittings **down** ②.
- ▸ Pull the belt to make sure that the upper attachment is properly engaged.

WARNING

Always read and heed all WARNINGS and other important information ⇨ *page 275*.

Tips

With the front seats, the height adjustment of the seat can also be used to adjust the position of the safety belts.

Improperly worn safety belts

Incorrectly positioned safety belts can cause severe injuries.

Wearing safety belts improperly can cause serious injury or death. Safety belts can only work when they are correctly positioned on the body. Improper seating positions reduce the effectiveness of safety belts and will even increase the risk of injury and death by moving the safety belt to critical areas of the body. Improper seating positions also increase the risk of serious injury and death when an airbag deploys and strikes an occupant who is not in the correct seating position. A driver is responsible for the safety of all vehicle occupants and especially for children. Therefore:

- ▸ Never permit anyone to assume an incorrect sitting position in the vehicle while traveling ⇨ ⚠.

WARNING

Improperly worn safety belts increase the risk of serious personal injury and death whenever a vehicle is being used.

– Always make sure that all vehicle occupants are correctly restrained and stay in a correct seating position whenever the vehicle is being used.
– Always read and heed all WARNINGS and other important information ⇨ *page 275*.

Belt tensioners

How safety belt pretensioners work

Reversible safety belt pretensioners

The following functions are available when safety belts with reversible safety belt tensioners are fastened:

– In certain driving situations, the safety belts may tighten with a reversible tensioning function ⇨ *page 131*.
– The safety belts may also tighten with this reversible tensioning function in minor collisions.

Pyrotechnic safety belt pretensioners

Seat belts with pyrotechnic safety belt pretensioners are tensioned automatically in severe collisions, depending on the circumstances. This helps to reduce the forward motion of the occupants.

WARNING

– It is possible for the pretensioners to deploy incorrectly.
– Any work on the tensioner system or removal and installation of system components for other repairs must be performed by a qualified workshop.
– The pyrotechnic system can only provide protection for one collision. If the pyrotechnic pretensioners deploy, the pretensioning system must be replaced.

Tips

– A fine dust is released when the pyrotechnic safety belt pretensioners deploy. This is normal and is not caused by a fire in the vehicle.
– The relevant safety requirements must be observed when the vehicle or components of the system are scrapped. A qualified dealership is familiar with these regulations and will be pleased to pass on the information to you.

Service and disposal of safety belt pretensioner

The safety belt pretensioners are parts of the safety belts on your Audi. Installing, removing, servicing or repairing of belt pretensioners can damage the safety belt system and prevent it from working correctly in a collision.

There are some important things you have to know to make sure that the effectiveness of the system will not be impaired and that discarded components do not cause injury or pollute the environment.

WARNING

Improper care, servicing and repair procedures can increase the risk of personal injury and death by preventing a safety belt pretensioner from activating when needed or activating it unexpectedly:

- The pyrotechnic safety belt pretensioners can only be activated once. If pyrotechnic safety belt pretensioners have been activated, the system must be replaced.
- Never repair, adjust, or change any parts of the safety belt system.
- Safety belt systems including safety belt pretensioners cannot be repaired. Special procedures are required for removal, installation and disposal of this system.
- For any work on the safety belt system, we strongly recommend that you see your authorized Audi dealer or qualified technician who has an Audi approved repair manual, training and special equipment necessary.

Airbag system

Important information

Importance of wearing safety belts and sitting properly

Airbags are only supplemental restraints. For airbags to do their job, occupants must always properly wear their safety belts and be in a proper seating position.

For your safety and the safety of your passengers, before driving off, always:

- Adjust the driver's seat and steering wheel properly ⇨ *page 269*,
- Adjust the front passenger's seat properly ⇨ *page 270*,
- Wear safety belts properly ⇨ *page 275*,
- Always properly use the proper child restraint to protect children ⇨ *page 303*.

In a collision, airbags must inflate within the blink of an eye and with considerable force. The supplemental airbags can cause injuries if the driver or the front seat passenger is not seated properly. Therefore in order to help the airbag to do its job, it is important, both as a driver and as a passenger to sit properly at all times.

By keeping room between your body and the steering wheel and the front of the passenger compartment, the airbag can inflate fully and completely and provide supplemental protection in certain frontal collisions ⇨ *page 269, Correct passenger seating positions*. For details on the operation of the seat adjustment controls ⇨ *page 53*.

It's especially important that children are properly restrained ⇨ *page 303*.

There is a lot that the driver and the passengers can and must do to help the individual safety features installed in your Audi work together as a system.

Proper seating position is important so that the front airbag on the driver side can do its job. If you have a physical impairment or condition that prevents you from sitting properly on the driver seat with the safety belt properly fastened and reaching the pedals, or if you have concerns with regard to the function or operation of the Advanced Airbag System, please contact your authorized Audi dealer or qualified workshop, or call Audi Customer Relations at 1-800-822-2834 for possible modifications to your vehicle.

When the airbag system deploys, a gas generator will fill the airbags, break open the padded covers, and inflate between the steering wheel and the driver and between the instrument panel and the front passenger. The airbags will deflate immediately after deployment so that the front occupants can see through the windshield again without interruption.

All of this takes place in the blink of an eye, so fast that many people don't even realize that the airbags have deployed. The airbags also inflate with a great deal of force and nothing should be in their way when they deploy. Front airbags in combination with properly worn safety belts slow down and limit the occupant's forward movement. Together they help to prevent the driver and front seat passenger from hitting parts of the inside of the vehicle while reducing the forces acting on the occupant during the crash. In this way they help to reduce the risk of injury to the head and upper body in the crash. Airbags do not protect the arms or the lower parts of the body.

Both front airbags will not inflate in all frontal collisions. The triggering of the airbag system depends on the vehicle deceleration rate caused by the collision and registered by the electronic control unit. If this rate is below the reference value programmed into the control unit, the airbags will not be triggered, even though the car may be badly damaged as a result of the collision. Vehicle damage, repair costs or even the lack of vehicle damage is not necessarily an indication of whether an airbag should inflate or not.

Since the circumstances will vary considerably between one collision and another, it is not possible to define a range of vehicle speeds that will cover every possible kind and angle of impact that will always trigger the airbags. Important factors include, for example, the nature (hard or soft) of the object which the car hits, the angle of impact, vehicle speed, etc. The front airbags will ▶

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also not inflate in side or rear collisions, or in rollovers.

Always remember: Airbags will deploy only once, and only in certain kinds of collisions. Your safety belts are always there to offer protection in those situations in which airbags are not supposed to deploy, or when they have already deployed; for example, when your vehicle strikes or is struck by another vehicle after the first collision.

This is just one of the reasons why an airbag is a supplementary restraint and is not a substitute for a safety belt. The airbag system works most effectively when used with the safety belts. Therefore, always properly wear your safety belts ⇨ *page 273*.

WARNING

Sitting too close to the steering wheel or instrument panel will decrease the effectiveness of the airbags and will increase the risk of personal injury in a collision.

- Never sit closer than 10 inches (25 cm) to the steering wheel or instrument panel.
- If you cannot sit more than 10 inches (25 cm) from the steering wheel, investigate whether adaptive equipment may be available to help you reach the pedals and increase your seating distance from the steering wheel.
- All vehicle occupants and especially children must be restrained properly whenever riding in a vehicle. An unrestrained or improperly restrained child could be injured by striking the interior or by being ejected from the vehicle during a sudden maneuver or impact. An unrestrained or improperly restrained child is also at greater risk of injury or death through contact with an inflating airbag.
- If you are unrestrained, leaning forward, sitting sideways or out of position in any way, your risk of injury is much higher.
- You will also receive serious injuries and could even be killed if you are up against the airbag or too close to it when it inflates - even with an Advanced Airbag.
- To reduce the risk of injury when an airbag inflates, always wear safety belts properly ⇨ *page 276, Safety belts*.
- Always make certain that children age 12 or younger always ride in the rear seat. If children are not properly restrained, they may be severely injured or killed when an airbag inflates.
- Never let children ride unrestrained or improperly restrained in the vehicle. Adjust the front seats properly.
- Never ride with the backrest reclined.
- Always sit as far as possible from the steering wheel or the instrument panel ⇨ *page 269*.
- Always sit upright with your back against the backrest of your seat.
- Never place your feet on the instrument panel or on the seat. Always keep both feet on the floor in front of the seat to help prevent serious injuries to the legs and hips if the airbag inflates.
- Never recline the front passenger's seat to transport objects. Items can also move into the area of the side airbag or the front airbag during braking or in a sudden maneuver. Objects near the airbags can become projectiles and cause injury when an airbag inflates.

WARNING

Airbags that have deployed in a crash must be replaced.

- Use only original equipment airbags approved by Audi and installed by a trained technician who has the necessary tools and diagnostic equipment to properly replace any airbag in your vehicle and assure system effectiveness in a crash.
- Never permit salvaged or recycled airbags to be installed in your vehicle.

Child restraints on the front seat – some important things to know

► Be sure to read the important information and heed the WARNINGS for important details ▶

about children and Advanced Airbags ⇨ *page 303*.

Even though your vehicle is equipped with an Advanced Airbag System, make certain that all children, especially those 12 years and younger, always ride in the back seat properly restrained for their age and size. The airbag on the passenger side makes the front seat a potentially dangerous place for a child to ride. The front seat is not the safest place for a child in a forward-facing child safety seat. It can be a very dangerous place for an infant or a child in a rearward-facing seat.

The Advanced Airbag System in your vehicle has been certified to comply with the requirements of United States Federal Motor Vehicle Safety Standard (FMVSS) 208, as well as Canada Motor Vehicle Safety Standard (CMVSS) 208 as applicable at the time your vehicle was manufactured. According to requirements, the front Advanced Airbag System on the passenger side has been certified for “suppression” for infants of about 12 month old and younger and for “low risk deployment” for children aged 3 to 6 years old (as defined in the standard).

The **PASSENGER AIR BAG OFF** light in the headliner tells you when the front Advanced Airbag on the passenger side has been turned off by the electronic control unit.

Each time you turn on the ignition, the **PASSENGER AIR BAG OFF ON** light will come on for a few seconds and:

– **PASSENGER AIR BAG OFF** will come on if the front passenger seat is not occupied
– **PASSENGER AIR BAG OFF** will come on if the electrical capacitance measured by the capacitive passenger detection system for the front passenger seat equals the combined capacitance of an infant up to about one year of age and one of the rearward-facing or forward-facing child restraints listed in Federal Motor Vehicle Safety Standard (FMVSS) 208 with which the Advanced Airbag System in your vehicle was certified. For a listing of the child restraints that were used to certify your vehicle's compliance with the Safety Standard ⇨ *page 305*.
– **PASSENGER AIR BAG OFF** will come on if there is a small child or child restraint on the front passenger seat
– **PASSENGER AIR BAG ON** will come on if the front passenger seat is occupied by an adult as registered by the capacitive passenger detection system ⇨ *page 293, Monitoring the Advanced Airbag System*.

The **PASSENGER AIR BAG OFF** light comes on when electrical capacitance registered on the front passenger seat is equal to or less than the combined capacitance of a typical 1 year-old infant and one of the rearward-facing or forward-facing child restraints listed in Federal Motor Vehicle Safety Standard (FMVSS) 208 with which the Advanced Airbag System in your vehicle was certified.

If the total electrical capacitance registered on the front passenger seat is more than that of a typical 1 year-old child but less than the weight of a small adult, the front airbag on the passenger side can deploy (the **PASSENGER AIR BAG OFF** light does not come on).

If the **PASSENGER AIR BAG OFF** light does not come on, the front airbag on the passenger side has not been turned off by the electronic control unit and can deploy if the control unit senses an impact that meets the conditions stored in its memory.

For example, the airbag may deploy if:

– a small child that is heavier than a typical 1 year-old child is on the front passenger seat (regardless of whether the child is in one of the child safety seats listed ⇨ *page 305*), or
– a child who has outgrown child restraints is on the front passenger seat.

If the front passenger airbag is turned off, the **PASSENGER AIR BAG OFF** light comes on in the headliner and stays on.

If the front passenger airbag deploys, the Federal Standard requires the airbag to meet the “low risk” deployment criteria to reduce the risk of injury through interaction with the airbag. “Low risk” deployment occurs in those crashes that take place at lower decelerations as defined in ▶

the electronic control unit ⇨ *page 293, PASSENGER AIR BAG OFF ON light*.

Always remember, a child safety seat or infant carrier installed on the front seat may be struck and knocked out of position by the rapidly inflating passenger's airbag in a frontal collision. The airbag could greatly reduce the effectiveness of the child restraint and even seriously injure the child during inflation.

For this reason, and because the back seat is the safest place for children - when properly restrained according to their age and size - we strongly recommend that children always sit in the back seat ⇨ *page 303, Child safety*.

WARNING

A child in a rearward-facing child safety seat installed on the front passenger seat will be seriously injured and can be killed if the front airbag inflates - even with an Advanced Airbag System.

– The inflating airbag will hit the child safety seat or infant carrier with great force and will smash the child safety seat and child against the backrest, center armrest, door or roof.
– Always install rear-facing child safety seats on the rear seat.
– If you must install a rearward facing child safety seat on the front passenger seat because of exceptional circumstances and the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install the rear-facing child safety seat in a rear seating position and have the airbag system inspected by your authorized Audi dealer.
– Forward-facing child safety seats installed on the front passenger's seat may interfere with the deployment of the airbag and cause serious personal injury to the child.

WARNING

If, in exceptional circumstances, you must install a forward-facing child restraint on the front passenger's seat:

– Always make sure the forward-facing seat has been designed and certified by its manufacturer for use on a front seat with a passenger front and side airbag.
– Never put the forward-facing child restraint up against or very near the instrument panel.
– Always move the front passenger seat to the highest position in the up and down adjustment range and move it back to the rearmost position in the seat's fore and aft adjustment range, as far away from the airbag as possible, before installing the forward-facing child restraint.
– Always make sure that the safety belt upper anchorage is behind the child restraint and not next to or in front of the child restraint so that the safety belt will be properly positioned.
– Make sure that the **PASSENGER AIR BAG OFF** light comes on and stays on all the time whenever the ignition is switched on.

WARNING

To reduce the risk of serious injury, make sure that the **PASSENGER AIR BAG OFF** light will be displayed whenever a child restraint is installed on the front passenger seat and the ignition is switched on.

– If the **PASSENGER AIR BAG OFF** light does not stay on, perform the checks described ⇨ *page 293, Monitoring the Advanced Airbag System*.
– Take the child restraint off the front passenger seat and install it properly at one of the rear seat positions if the **PASSENGER AIR BAG OFF** light does not stay on.
– Have the airbag system inspected by your authorized Audi dealer immediately.
– Always carefully follow instructions from child restraint manufacturers when installing child restraints.

WARNING

If, in exceptional circumstances, you must install a forward or rearward-facing child restraint on the front passenger's seat: ▶

- Improper installation of child restraints can reduce their effectiveness or even prevent them from providing any protection.
- An improperly installed child restraint can interfere with the airbag as it deploys and seriously injure or even kill the child – even with an Advanced Airbag System.
- Always carefully follow the manufacturer's instructions provided with the child safety seat or carrier.
- Always make sure that there is nothing on the front passenger seat that will cause the capacitive passenger detection system in the seat to signal to the Airbag System that the seat is occupied by a person when it is not, or to signal that it is occupied by someone who is heavier than the person actually sitting on the seat. The presence of additional objects could cause the passenger front airbag to be turned on when it should be off, or could cause the airbag to work in a way that is different from the way it would have worked without the object on the seat.

Front airbags

Description of front airbags

The airbag system can provide supplemental protection to properly restrained front seat occupants.



Fig. 235 Location of driver airbag: in steering wheel

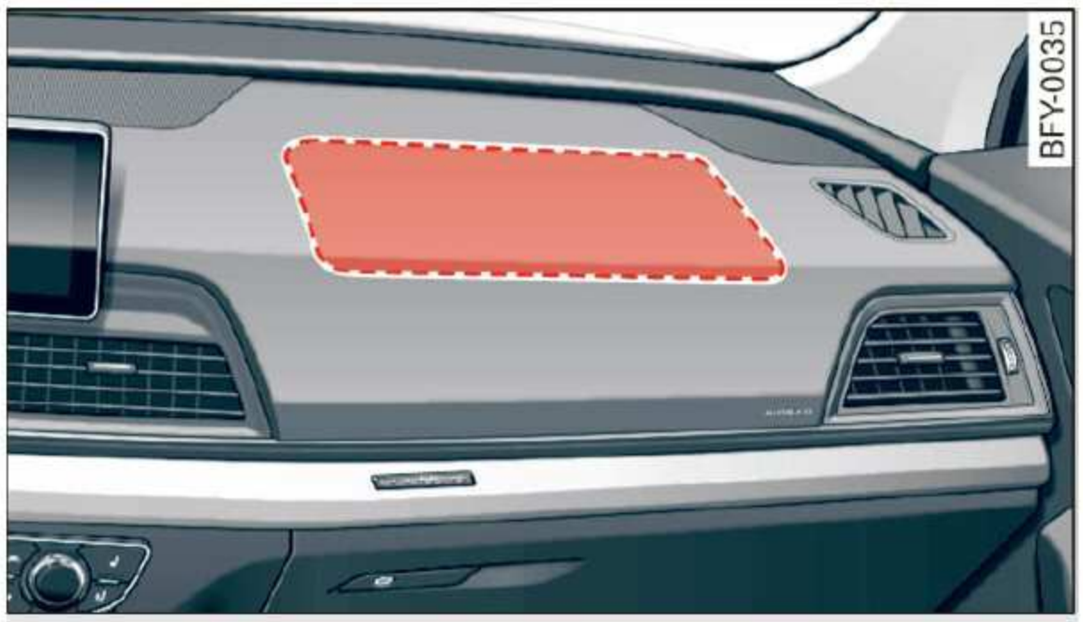


Fig. 236 Location of front passenger's airbag: in the instrument panel

Your vehicle is equipped with an “Advanced Airbag System” in compliance with United States Federal Motor Vehicle Safety Standard (FMVSS) 208, as well as Canada Motor Vehicle Safety Standard (CMVSS) 208 as applicable at the time your vehicle was manufactured.

The airbag for the driver is in the steering wheel hub ⇨ *fig. 235* and the airbag for the front passenger is in the instrument panel ⇨ *fig. 236*. The general location of the airbags is marked “AIRBAG”.

There is a lot you need to know about the airbags in your vehicle. We urge you to read the detailed information about airbags, safety belts and child safety in this and the other chapters that make up the owner's literature. Please be sure to heed the WARNINGS - they are extremely important for your safety and the safety of your passengers, especially infants and small children.

WARNING

Never rely on airbags alone for protection.

- Even when they deploy, airbags provide only supplemental protection.
- Airbag work most effectively when used with properly worn safety belts.
- Therefore, always wear your safety belts and make sure that everybody in your vehicle is properly restrained.
- Always hold the steering wheel with both hands on the outside of the steering wheel rim at the 9:00 o'clock and 3:00 o'clock positions to help reduce the risk of personal injury if the driver's airbag inflates.

– Never hold the steering wheel at the 12 o'clock position or with your hands anywhere inside the steering wheel or on the steering wheel hub. Holding the steering wheel the wrong way increases the risk of severe injury to the arms, hands, and head if the driver airbag deploys.

WARNING

Objects between you and the airbag will increase the risk of injury in a crash by interfering with the way the airbag unfolds and/or by being pushed into you as the airbag inflates.

– Always make sure nothing is in the front airbag deployment zone that could be struck by the airbag when it inflates.
– Objects in the zone of a deploying airbag can become projectiles when the airbag deploys and cause serious personal injury.
– Never hold things in your hands or on your lap when the vehicle is in use.
– Never place accessories or other objects (such as cup holders, telephone brackets, note pads, navigation systems, or things that are large, heavy, or bulky) on the doors; never attach them to the doors or the windshield; never place them over or near or attach them to the area marked „AIRBAG“ on the steering wheel, instrument panel or the seat backrests; never place them between these areas and you or any other person in the vehicle.
– Never attach objects to the windshield above the passenger front airbag, such as accessory GPS navigation units or music players. Such objects could cause serious injury in a collision, especially when the airbags inflate.
– Never recline the front passenger seat to transport objects. Items can also move into the deployment area of the side airbags or the front airbag during breaking or in a sudden maneuver. Objects near the airbags can fly dangerously through the passenger compartment and cause injury, particularly when the seat is reclined and the airbags inflate.

WARNING

A person on the front passenger seat, especially infants and small children, will receive serious injuries and can even be killed by being too close to the airbag when it inflates.

– Although the Advanced Airbag System in your vehicle is designed to turn off the front passenger airbag if an infant or a small child is on the front passenger seat, nobody can absolutely guarantee that deployment under these special conditions is impossible in all conceivable situations that may happen during the useful life of your vehicle.
– The Advanced Airbag System can deploy in accordance with the „low risk“ option for 3- and 6-year-old children under the U.S. Federal Standard if a child with electrical capacitance greater than the combined capacitance of a typical one-year old infant restrained in one of the forward facing or rearward-facing child seats with which your vehicle was certified is on the front passenger seat and the other conditions for airbag deployment are met.
– Accident statistics have shown that children are generally safer in the rear seat area than in the front seating position.
– For their own safety, all children, especially 12 years and younger, should always ride in the back properly restrained for their age and size.

Advanced front airbag system

Your vehicle is equipped with a front Advanced Airbag System in compliance with United States Federal Motor Vehicle Safety Standard (FMVSS) 208, as well as Canada Motor Vehicle Safety Standard (CMVSS) 208 as applicable at the time your vehicle was manufactured.

The front Advanced Airbag System supplements the safety belts to provide additional protection for the driver's and front passenger's heads and upper bodies in frontal crashes. The airbags inflate only in frontal impacts when the vehicle deceleration is high enough. ▶

The front Advanced Airbag System for the front seat occupants is not a substitute for your safety belts. Rather, it is part of the overall occupant restraint system in your vehicle. Always remember that the airbag system can only help to protect you, if you are sitting upright, wearing your safety belt and wearing it properly. This is why you and your passengers must always be properly restrained, not just because the law requires you to be.

The Advanced Airbag System in your vehicle has been certified to meet the “low risk” requirements for 3 and 6 year-old children on the passenger side and very small adults on the driver side. The low risk deployment criteria are intended to help reduce the risk of injury through interaction with the front airbag that can occur, for example, by being too close to the steering wheel and instrument panel when the airbag inflates.

In addition, the system has been certified to comply with the “suppression” requirements of the Safety Standard, to turn off the front airbag for infants 12 months old and younger who are restrained on the front passenger seat in child restraints that are listed in the Standard ⇨ *page 305, Child restraints and Advanced Airbags*.

“Suppression” requires the front airbag on the passenger side to be turned off if:

– a child up to about one year of age is restrained on the front passenger seat in one of the rear-facing or forward-facing infant restraints listed in Federal Motor Vehicle Safety Standard 208 with which the Advanced Airbag System in your vehicle was certified. For a listing of the child restraints that were used to certify your vehicle's compliance with the US Safety Standard ⇨ *page 305*,
– a person is detected on the front passenger seat that has an electrical capacitance that is more than the total electrical capacitance of a child that is about 1 year old restrained in one of the rear-facing or forward-facing infant restraints (listed in Federal Motor Vehicle Safety Standard 208 with which the Advanced Airbag System in your vehicle was certified), the front airbag on the passenger side may or may not deploy.

The **PASSENGER AIR BAG OFF** light comes on when the electronic control unit detects a total electrical capacitance on the front passenger seat that requires the front airbag to be turned off. If the **PASSENGER AIR BAG OFF** light does not come on, the front airbag on the passenger side has not been turned off by the control unit and can deploy if the control unit senses an impact that meets the conditions stored in its memory.

If the total electrical capacitance registered on the front passenger seat is more than that of a typical 1 year-old, but less than the weight of a small adult, the front airbag on the passenger side may deploy (the **PASSENGER AIR BAG OFF** light does not come on).

For example, the airbag may deploy if:

– a small child that is heavier than a typical 1 year-old child is on the front passenger seat (regardless of whether the child is in one of the child safety seats listed ⇨ *page 305*),
– a child who has outgrown child restraints is on the front passenger seat.

If the front passenger airbag is turned off, the **PASSENGER AIR BAG OFF** light in the headliner will come on and stay on.

If the front passenger airbag deploys, the Federal Standard requires the airbag to meet the “low risk” deployment criteria to help reduce the risk of injury through interaction with the airbag. “Low risk” deployment occurs in those crashes that take place at lower decelerations as defined in the electronic control unit. ⇨ *page 293*

Always remember: Even though your vehicle is equipped with Advanced Airbags, the safest place for children is properly restrained on the back seat. Please be sure to read the important information in the sections that follow and be sure to heed all of the WARNINGS.

WARNING

To reduce the risk of injury when an airbag inflates, always wear safety belts properly. ▶

– If you are unrestrained, leaning forward, sitting sideways or out of position in any way, your risk of injury is much higher.
– You will also receive serious injuries and could even be killed if you are up against the airbag or too close to it when it inflates - even with an Advanced Airbag ⇨ *page 281*.

WARNING

A child in a rearward-facing child safety seat installed on the front passenger seat will be seriously injured and can be killed if the front airbag inflates - even with an Advanced Airbag System.

– Although the Advanced Airbag System in your vehicle is designed to turn off the front airbag when a rearward-facing child restraint has been installed on the front passenger seat, nobody can absolutely guarantee that deployment is impossible in all conceivable situations that may happen during the useful life of your vehicle.
– The inflating airbag will hit the child safety seat or infant carrier with great force and will smash the child safety seat and child against the backrest, center armrest, door, or roof.
– Always install rearward-facing child restraints on the rear seat.
– If you must install a rearward facing child safety seat on the front passenger seat because of exceptional circumstances and the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install the rear-facing child safety seat in a rear seating position and have the airbag system inspected by your authorized Audi dealer.

WARNING

If, in exceptional circumstances, you must install a forward-facing child restraint on the front passenger's seat:

– Always make sure the forward-facing seat has been designed and certified by its manufacturer for use on a front seat with a passenger front and side airbag.
– Never put the forward-facing child restraint up against or very near the instrument panel.
– Always move the front passenger seat to the highest position in the up and down adjustment range and move it back to the rearmost position in the seat's fore and aft adjustment range, as far away from the airbag as possible, before installing the forward-facing child restraint.
– Always make sure that the safety belt upper anchorage is behind the child restraint and not next to or in front of the child restraint so that the safety belt will be properly positioned.
– Always make sure that there is nothing on the front passenger seat that will cause the capacitive passenger detection system in the seat to signal to the Airbag System that the seat is occupied by a person when it is not, or to signal that it is occupied by someone who is heavier than the person actually sitting on the seat. The presence of additional objects could cause the passenger front airbag to be turned on when it should be off, or could cause the airbag to work in a way that is different from the way it would have worked without the object on the seat.
– Make sure that the **PASSENGER AIR BAG OFF** light comes on and stays on all the time whenever the ignition is switched on.

Advanced Airbag System components

The front passenger seat in your vehicle has a lot of very important parts of the Advanced Airbag System in it. These parts include the capacitive passenger detection system, wiring, brackets, and more. The control unit monitors the system on the front passenger seat when the ignition is switched on and turns the airbag indicator light on when a malfunction in the one of the system components is detected ⇨ *page 293*. Because the front passenger seat contains important parts of the Advanced Airbag System, you must take care to prevent it from being damaged. Damage to ▶

the seat may prevent the Advanced Airbag System for the front passenger seat from doing its job in a crash.

The front Advanced Airbag System consists of the following:

– Crash sensors in the front of the vehicle that measure vehicle acceleration/deceleration to provide information to the Advanced Airbag System about the severity of the crash.
– An electronic control unit, with integrated crash sensors for front and side impacts. The control unit "decides" whether to fire the front airbags based on the information received from the crash sensors. The control unit also "decides" whether the safety belt pretensioners should be activated.
– An Advanced Airbag with gas generator and control valve for the driver inside the steering wheel hub.
– An Advanced Airbag with gas generator and control valve inside the instrument panel for the front passenger.
– A capacitive passenger detection system underneath the front passenger seat cover. This system measures the electrical capacitance of the person in the seat. The information registered is sent continuously to the electronic control unit to regulate deployment of the front Advanced Airbag on the passenger side.
– An airbag monitoring system and indicator light in the instrument cluster.
– A sensor in each front seat registers the distance between the respective seat and the steering wheel or instrument panel. The information registered is sent continuously to the electronic control unit to regulate deployment of the front Advanced Airbags.
– The **PASSENGER AIR BAG OFF ON** light comes on in the headliner ⇨ *page 293, fig. 238* and tells you the status of the Advanced Airbag on the passenger side.
– A sensor in the safety belt latch for the driver and for the front seat passenger that senses whether that safety belt is latched or not and transmits this information to the electronic control unit.

WARNING

Damage to the front passenger seat can prevent the front airbag from working properly.
– Improper repair or disassembly of the front passenger and driver seat will prevent the Advanced Airbag System from functioning properly.
– Repairs to the front passenger seat must be performed by qualified and properly trained workshop personnel.
– Never remove the front passenger or driver seat from the vehicle.
– Never remove the upholstery from the front passenger seat.
– Never disassemble or remove parts from the seat or disconnect wires from it.
– Never carry sharp objects in your pockets or put them on the seat. The capacitive passenger detection mat in the front passenger seat will not function properly if it is punctured.
– Never carry things on your lap or carry objects on the front passenger seat. Such objects can influence the capacitance registered by the capacitive passenger detection system, so that incorrect information is provided to the airbag control unit.
– Never store items under the front passenger seat. Parts of the Advanced Airbag System under the passenger seat could be damaged, preventing them and the airbag system from working properly.
– Never place seat covers or replacement upholstery that have not been specifically approved by Audi on the front seats.
– Seat covers can prevent the Advanced Airbag System from recognizing child restraints or occupants on the front passenger seat and prevent the side airbag in the seat backrest from deploying properly.
– If a seat heater has been retrofitted or otherwise added to the front passenger seat, never install any child restraint system on this seat.
– Never use cushions, pillows, blankets, or similar items on the front passenger seat. The additional layers prevent the capacitive ▶

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passenger detection system from accurately measuring the capacitance of the child safety seat and/or the person on the seat and thus keep the Advanced Airbag System from working properly.

– Never place or use any electrical device (such as a laptop, CD player, electronic games device, power inverter or seat heater for child seats) on the front passenger seat if the device is connected to the 12-volt socket or the cigarette lighter socket. Such devices can influence the capacitance registered by the capacitive passenger detection system, so that incorrect information is provided to the airbag control unit.
– If you must use a child restraint on the front passenger seat and the child restraint manufacturer's instructions require the use of a towel, foam cushion or something else to properly position the child restraint, make certain that the **PASSENGER AIR BAG OFF** light comes on and stays on whenever the child restraint is installed on the front passenger seat.
– If the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install child restraint in a rear seating position and have the airbag system inspected by your Audi dealer.

WARNING

If the front passenger seat gets wet, dry it immediately.

– If liquid soaks into the front passenger seat, this can keep the airbag system from working properly and may, for instance, deactivate the passenger frontal airbag. If this happens, the **PASSENGER AIR BAG OFF** light will come on and stay on together with the airbag indicator light in the instrument cluster.
– If liquid is pooled on the seat, but has not soaked in, this may also keep the airbag system from working properly and cause the passenger frontal airbag to be enabled (turned on), even though there is a properly installed child restraint system on the seat. Wet towels or other wet things on the seat cushion can have the same effect. If the front passenger frontal airbag is turned on, the **PASSENGER AIR BAG OFF** light will turn off.

How the Advanced Airbag System components work together

The front Advanced Airbag System and the side airbags supplement the protection offered by the front three-point safety belts and the adjustable head restraints to help reduce the risk of injury in a wide range of accident and crash situations. Be sure to read the important information about safety and heed the WARNINGS in this chapter.

Deployment of the Advanced Airbag System and the activation of the safety belt pretensioners depend on the deceleration measured by the crash sensors and registered by the electronic control unit. Crash severity depends on speed and deceleration as well as the mass and stiffness of the vehicle or object involved in the crash.

On the passenger side, regardless of safety belt use, the front passenger frontal airbag will be turned off if the electrical capacitance measured by the capacitive passenger detection system on the front passenger seat is less than the amount programmed in the electronic control unit. The front passenger frontal airbag will also be turned off if the capacitance measured by the system for the front passenger seat equals that of an infant of about one year of age in one of the child seats that was used to certify the Advanced Airbag System under Federal Motor Vehicle Safety Standard 208. The **PASSENGER AIR BAG OFF** light comes on and stays on to tell you when the front Advanced Airbag System on the passenger side has been turned off ⇨ *page 293*.

WARNING

To reduce the risk of injury when an airbag inflates, always wear safety belts properly.

– If you are unrestrained, leaning forward, sitting sideways or out of position in any way, your risk of injury is much higher.
– You will also receive serious injuries and could even be killed if you are up against the ▶

airbag or too close to it when it inflates - even with an Advanced Airbag ⇨ *page 281*.

More important things to know about front airbags



Fig. 237 Inflated front airbags

Safety belts are important to help keep front seat occupants in the proper seated position so that airbags can unfold properly and provide supplemental protection in a frontal collision.

The front airbags are designed to provide additional protection for the chest and face of the driver and the front seat passenger when:

– safety belts are worn properly
– the seats have been positioned so that the occupant is properly seated
– and the head restraints have been properly adjusted

Because airbags inflate in the blink of an eye with great force, things you have on your lap or have placed on the seat could become dangerous projectiles, and be pushed into you if the airbag inflates.

When an airbag deploys, fine dust is released. This is normal and is not caused by a fire in the vehicle. This dust is made up mostly of a powder used to lubricate the airbags as they deploy. It could irritate skin.

It is important to remember that while the supplemental airbag system is designed to reduce the likelihood of serious injuries, other injuries, for example swelling, bruising and minor abrasions, can also happen when airbags inflate. Airbags do not protect the arms or the lower parts of the body. Front airbags supplement the three-point safety belts only in some frontal collisions in which the vehicle deceleration is high enough to deploy the airbags.

Front airbags will not deploy:

– if the ignition is switched off when a crash occurs
– in side collisions
– in rear-end collisions
– in rollovers
– when the crash deceleration measured by the airbag system is less than the minimum threshold needed for airbag deployment as registered by the electronic control unit

The front passenger airbag also will not deploy:

– when the front passenger seat is not occupied,
– when the electrical capacitance measured by the capacitive passenger detection system for the front passenger seat indicates that the passenger side frontal airbag must be switched off by the electronic control unit (the **PASSENGER AIR BAG OFF** light ⇨ *page 293* comes on and stays on).

WARNING

Sitting in the wrong position can increase the risk of serious injury in crashes.

– To reduce the risk of injury when the airbags inflate, the driver and passengers must always sit in an upright position, must not lean against or place any part of their body too close to the area where the airbags are located.
– Occupants who are unbelted, out of position or too close to the airbag can be seriously injured by an airbag as it unfolds with great force in the blink of an eye ⇨ *page 282*.

WARNING

A child in a rearward-facing child safety seat installed on the front passenger seat will be seriously injured and can be killed if the front airbag inflates - even with an Advanced Airbag System.

– The inflating airbag will hit the child safety seat or infant carrier with great force and ▶

will smash the child safety seat and child against the backrest, center armrest, door or roof.
– Always install rear-facing child safety seats on the rear seat.
– If you must install a rearward-facing child safety seat on the front passenger seat because of exceptional circumstances and the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install the rear-facing child safety seat in a rear seating position and have the airbag system inspected by your authorized Audi dealer.

WARNING

Objects between you and the airbag will increase the risk of injury in a crash by interfering with the way the airbag unfolds or by being pushed into you as the airbag inflates.
– Never hold things in your hands or on your lap when the vehicle is in use.
– Never transport items on or in the area of the front passenger seat. Objects could move into the area of the front airbags during braking or other sudden maneuvers and become dangerous projectiles that can cause serious personal injury if the airbags inflate.
– Never place or attach accessories or other objects (such as cupholders, telephone brackets, large, heavy or bulky objects) on the doors, over or near the area marked “AIRBAG” on the steering wheel, instrument panel, seat backrests or between those areas and yourself. These objects could cause injury in a crash, especially when the airbags inflate.
– Never recline the front passenger's seat to transport objects. Items can also move into the area of the side airbag or the front airbag during braking or in a sudden maneuver. Objects near the airbags can become projectiles and cause injury, particularly when the seat is reclined.
– Never place or transport objects on the front passenger seat. Objects on the front passenger seat could cause the capacitive sensor in the seat to signal to airbag system that the seat is occupied by a person when it in fact is not, or that the person on the seat is heavier than he or she actually is. The change in electric capacitance because of such objects can cause the passenger front airbag to be turned on when it should be off, or can cause the airbag to work in a way that is different from the way it would have worked without objects on the seat.
– Always make sure that there is nothing on the front passenger seat that will cause the capacitive passenger detection system in the seat to signal to the Airbag System that the seat is occupied by a person when it is not, or to signal that it is occupied by someone who is heavier than the person actually sitting on the seat. The presence of an object could cause the passenger front airbag to be turned on when it should be off, or could cause the airbag to work in a way that is different from the way it would have worked without the object on the seat.

WARNING

The fine dust created when airbags deploy can cause breathing problems for people with a history of asthma or other breathing conditions.
– To reduce the risk of breathing problems, those with asthma or other respiratory conditions should get fresh air right away by getting out of the vehicle or opening windows or doors.
– If you are in a collision in which airbags deploy, wash your hands and face with mild soap and water before eating.
– Be careful not to get the dust into your eyes, or into any cuts or scratches.
– If the residue should get into your eyes, flush them with water.

Monitoring the Advanced Airbag System

Airbag monitoring indicator light

Two separate indicators monitor the function of the Advanced Airbag System: the **light** *and the* **PASSENGER AIR BAG OFF ON** *light.*

The Advanced Airbag System as well as the side airbags and side curtain airbags with ejection mitigation features (including the electronic control unit, sensors and system wiring) are all monitored continuously to make sure that they are functioning properly whenever the ignition is on. Every time you turn on the ignition, the airbag system indicator light will come on for a few seconds (function check).

The system must be inspected when the indicator light :

– does not come on when the ignition is switched on
– does not go out a few seconds after you have switched on the ignition, or
– comes on while driving

If an airbag system malfunction is detected, the indicator light will come on to serve as a constant reminder to have the system inspected immediately.

If a malfunction occurs that turns the front airbag on the passenger side off, the **PASSENGER AIR BAG OFF** light will come on and stay on whenever the ignition is on.

WARNING

An airbag system that is not functioning properly cannot provide supplemental protection in a frontal crash.
– If the airbag indicator light ⇨ *page 269* comes when the vehicle is being used, have the system inspected immediately by your authorized Audi dealer. It is possible that the airbag will inflate when it is not supposed to, or will not inflate when it should.

PASSENGER AIR BAG OFF ON light



Fig. 238 Section from the headliner: PASSENGER AIR BAG OFF ON light

The **PASSENGER AIR BAG OFF ON** light is located in the headliner ⇨ *fig. 238*.

The **PASSENGER AIR BAG OFF** light will come on and stay on to tell you when the front Advanced Airbag on the passenger side has been turned off by the electronic control unit. If the bulb for the **PASSENGER AIR BAG OFF ON** light burns out, the airbag indicator light will come on to signal a malfunction in the Advanced Airbag System. Although the burned-out bulb will not change the way the front passenger's frontal airbag works, it will no longer be possible to use the **PASSENGER AIR BAG OFF ON** light to make sure that the airbag on/off status is correct for the occupant on the front passenger seat. Have the airbag system inspected immediately by your authorized Audi dealer.

The PASSENGER AIR BAG OFF ON light will blink for about 5 seconds when:

– the capacitive passenger detection system, which switches the front seat passenger's frontal Advanced Airbag on and off, detects a change in the status of the front passenger seat.

As soon as the **PASSENGER AIR BAG OFF ON** light stops blinking, always make sure that the airbag status (on or off) as shown by the light is proper for the age, size and electrical capacitance of the person occupying the front passenger seat. Always make sure that the safety belt for the front passenger seat is properly fastened.

The PASSENGER AIR BAG OFF / PASSENGER AIR BAG ON light will show the status of the ▶

front seat passenger's frontal Advanced Airbag. The PASSENGER AIR BAG OFF light:

– will come on if the front passenger seat is not occupied;
– will come on if the electrical capacitance measured by the capacitive passenger detection system for the front passenger seat equals the combined capacitance of an infant up to about one year of age and one of the rearward-facing or forward-facing child restraints listed in Federal Motor Vehicle Safety Standard 208 with which the Advanced Airbag System in your vehicle was certified; For a listing of the child restraints that were used to certify your vehicle's compliance with the U.S. Safety Standard ⇨ *page 305*.
– will go out if the front passenger seat is occupied by an adult as registered by the capacitive passenger detection system.
– The **PASSENGER AIR BAG OFF** light must come on and stay on if the ignition is on and...
– a car bed has been installed on the front passenger seat, or
– a rearward-facing child restraint has been installed on the front passenger seat, or
– a forward-facing child restraint has been installed on the front passenger seat,
– and if the electrical capacitance registered on the front passenger seat is equal to or less than the combined capacitance of a typical 1 year-old infant and one of the rearward-facing or forward-facing child restraints listed in Federal Motor Vehicle Safety Standard 208 with which the Advanced Airbag System in your vehicle was certified.

If the front passenger seat is not occupied, the front airbag will not deploy, and the **PASSENGER AIR BAG OFF** light will stay on.

Never install a rearward-facing child restraint on the front passenger seat, the safest place for a child in any kind of child restraint is at one of the seating positions on the rear seat ⇨ *page 282, Child restraints on the front seat – some important things to know* and ⇨ *page 303, Child safety*.

If the PASSENGER AIR BAG OFF light comes on ...

If the **PASSENGER AIR BAG OFF** light comes on when one of the conditions listed above is met, be sure to check the light regularly to make certain that the **PASSENGER AIR BAG OFF** light stays on continuously whenever the ignition is on. If the **PASSENGER AIR BAG OFF** light does not appear on and does not stay on all the time, stop as soon as it is safe to do so and

– reactivate the system by turning the ignition off for more than 4 seconds and then turning it on again;
– remove and reinstall the child restraint. Make sure that the child restraint is properly installed and that the safety belt for the front passenger seat has been correctly routed through the child restraint as described in the child restraint manufacturer's instructions;
– make sure that the convertible locking retractor on the safety belt for the front passenger seat has been activated and that the safety belt has been pulled tight.
– make sure that no electrical device (such as a laptop, CD player, electronic games device, power inverter or seat heater for child seats) is placed or used on the front passenger seat if the device is connected to the 12-volt socket or the cigarette lighter socket;
– make sure that no seat heater has been retrofitted or otherwise added to the front passenger seat;
– make sure that nothing can interfere with the safety belt buckles and that they are not obstructed;
– make sure that there are no wet objects (such as a wet towel) and no water or other liquids on the front passenger seat cushion.

If the PASSENGER AIR BAG OFF light still does not come on ...

If the **PASSENGER AIR BAG OFF** light still does not come on and does not stay on continuously (when the ignition is switched on),

– take the child restraint off the front passenger seat and install it properly at one of the rear ▶

seat positions. Have the airbag system inspected by your Audi dealer immediately.
– move the child to a rear seat position and make sure that the child is properly restrained in a child restraint that is appropriate for its size and age.

The PASSENGER AIR BAG OFF light should NOT come on ...

The **PASSENGER AIR BAG OFF** light should NOT come on when the ignition is on and an adult is sitting in a proper seating position on the front passenger seat. If the **PASSENGER AIR BAG OFF** light comes on and stays on while driving, under these circumstances, make sure that:

– the adult on the front passenger seat is properly seated on the center of the seat cushion with his or her back up against the backrest and the backrest is not reclined,
– the adult is not taking weight off the seat by holding on to the passenger assist handle above the front passenger door or supporting their weight on the armrest,
– the safety belt is being properly worn and that there is not a lot of slack in the safety belt webbing,
– there are no aftermarket seat covers or cushions or other things (such as blankets) on the front passenger seat that might cause the capacitive passenger detection system to miscalculate electrical capacitance.

Important safety instructions on monitoring the Advanced Airbag System

WARNING

– If the status of the Advanced Airbag System has changed while the vehicle is moving, the **PASSENGER AIR BAG OFF ON** light blinks for about 5 seconds to catch the driver's attention. If this happens, always stop as soon as it is safe to do so and check the steps described above.
– If the **PASSENGER AIR BAG OFF** light does not go off when an adult who is not very small is sitting on the front passenger seat after taking the steps described above, make sure the adult is properly seated and restrained at one of the rear seating positions. Have the airbag system inspected by your authorized Audi dealer before transporting anyone on the front passenger seat.

WARNING

An airbag system that is not functioning properly cannot provide supplemental protection in a frontal crash.
– If the airbag indicator light ⇨ *page 269* comes when the vehicle is being used, have the system inspected immediately by your authorized Audi dealer. It is possible that the airbag will inflate when it is not supposed to, or will not inflate when it should.

WARNING

If the front airbag inflates, a child without a child restraint, or in a rearward-facing child safety seat, or in a forward-facing child restraint that has not been properly installed will be seriously injured and can be killed.
– Even though your vehicle is equipped with an Advanced Airbag System, make certain that all children, especially 12 years and younger, always ride on the back seat properly restrained for their age and size.
– Always install forward or rear-facing child safety seats on the rear seat – even with an Advanced Airbag System.
– If you must install a rearward-facing child safety seat on the front passenger seat because of exceptional circumstances and the **PASSENGER AIR BAG OFF** light does not appear and stay on, immediately install the rear-facing child safety seat in a rear seating position and have the airbag system inspected by your authorized Audi dealer.
– If, in exceptional circumstances, you must install a forward-facing child restraint on the front passenger seat, always move the seat into its rearmost position in the seat's fore and aft adjustment range, as far away from the airbag as possible. The backrest must be adjusted to an upright position. Make sure that the **PASSENGER AIR BAG** ▶

OFF light comes on and stays on all the time whenever the ignition is switched on.

WARNING

– If the **PASSENGER AIR BAG OFF** light does not go out when an adult is sitting on the front passenger seat after taking the steps described above, make sure the adult is properly seated and restrained at one of the rear seating positions.
– Have the airbag system inspected by your authorized Audi dealer before transporting anyone on the front passenger seat.

Tips

If the capacitive passenger detection system determines that the front passenger seat is empty, the frontal airbag on the passenger side will be turned off, and the **PASSENGER AIR BAG OFF** light will stay on.

Repair, care and disposal of the airbags

Parts of the airbag system are installed at many different places on your Audi. Installing, removing, servicing or repairing a part in an area of the vehicle can damage a part of an airbag system and prevent that system from working properly in a collision.

There are some important things you have to know to make sure that the effectiveness of the system will not be impaired and that discarded components do not cause injury or pollute the environment.

WARNING

Improper care, servicing and repair procedures can increase the risk of personal injury and death by preventing an airbag from deploying when needed or deploying an airbag unexpectedly:

– Never cover, obstruct, or change the steering wheel horn pad or airbag cover or the instrument panel or modify them in any way.
– Never attach any objects such as cupholders or telephone mountings to the surfaces covering the airbag units.
– For cleaning the horn pad or instrument panel, use only a soft, dry cloth or one moistened with plain water. Solvents or cleaners could damage the airbag cover or change the stiffness or strength of the material so that the airbag cannot deploy and protect properly.
– Never repair, adjust, or change any parts of the airbag system.
– All work on the steering wheel, instrument panel, front seats or electrical system (including the installation of audio equipment, cellular telephones and CB radios, etc.) must be performed by a qualified technician who has the training and special equipment necessary.
– For any work on the airbag system, we strongly recommend that you see your authorized Audi dealer or qualified workshop.
– Never modify the front bumper or parts of the vehicle body.
– Always make sure that the side airbag can inflate without interference:
  – Never install seat covers or replacement upholstery over the front seatbacks that have not been specifically approved by Audi.
  – Never use additional seat cushions that cover the areas where the side airbags inflate.
  – Damage to the original seat covers or to the seam in the area of the side airbag module must always be repaired immediately by an authorized Audi dealer.
– The airbag system can deploy only once. After an airbag has been deployed, it must be replaced with new replacement parts designed and approved especially for your Audi model version. Replacement of complete airbag systems or airbag components must be performed by qualified workshops only. Make sure that any airbag service action is entered in your Audi Warranty & Maintenance booklet under *AIRBAG REPLACEMENT RECORD*.
– For safety reasons in severe accidents, the alternator and starter are separated from ▶

the vehicle battery with a pyrotechnic circuit interrupter.

– Work on the pyrotechnic circuit interrupter must only be performed by a qualified technicians who have the experience, information and special tools necessary to perform the work safely.
– If the vehicle or the circuit interrupter is scrapped, all applicable safety precautions must be followed.

Other things that can affect Advanced Airbag performance

Changing the vehicle's suspension system can change the way that the Advanced Airbag System performs in a crash. For example, using tire-rim combinations not approved by Audi, lowering the vehicle, changing the stiffness of the suspension, including the springs, suspension struts, shock absorbers etc. can change the forces that are measured by the airbag sensors and sent to the electronic control unit. Some suspension changes can, for example, increase the force levels measured by the sensors and make the airbag system deploy in crashes in which it would not deploy if the changes had not been made. Other kinds of changes may reduce the force levels measured by the sensors and prevent the airbag from deploying when it should.

WARNING

Changing the vehicle's suspension including use of unapproved tire-rim combinations can change Advanced Airbag performance and increase the risk of serious personal injury in a crash.

– Never install suspension components that do not have the same performance characteristics as the components originally installed on your vehicle.
– Never use tire-rim combinations that have not been approved by Audi.

Side airbags

Description of side airbags

The airbag system can provide supplemental protection to properly restrained occupants.

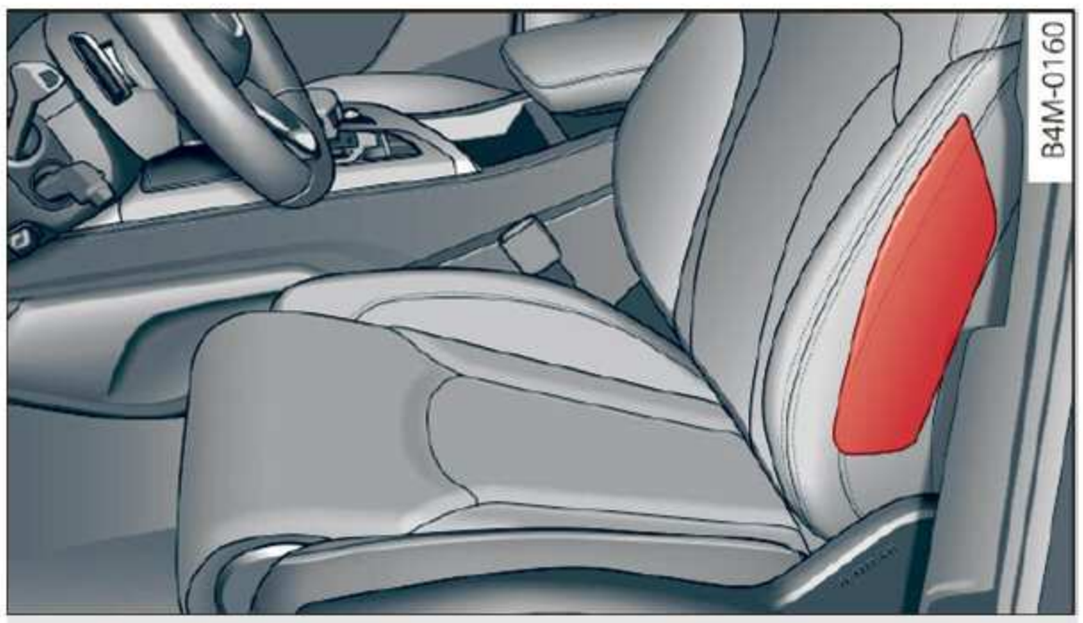


Fig. 239 Side airbag location in the driver's seat

The side airbags are located in the sides of the front seat backrests ⇨ *fig. 239* and the rear backrest* facing the doors.

The side airbags installed for the front seating positions have been designed and certified to help reduce the risk of injury that can be caused by airbags when they inflate, particularly when the occupant sitting next to it is not seated properly. The side airbag for the front passenger seat can be used with properly installed child restraints. Please be sure to read the important information and warnings whenever using a child restraint in a vehicle: Safety belts ⇨ *page 273*, Airbag system ⇨ *page 281*, Child safety ⇨ *page 303*.

The side airbag system basically consists of:

– the electronic control module and external side impact sensors
– the two side airbags located in the sides of the front backrests
– two rear side airbags*
– the airbag warning light in the instrument cluster.

The airbag system is monitored electronically to make certain that it is functioning properly at all times. Each time you turn on the ignition, the airbag system indicator light will come on for a few seconds (self diagnostics). ▶

The side airbag system supplements the safety belts and can help to reduce the risk of injury to the driver's, front and rear* passenger's upper torso on the side of the vehicle that is struck in a side collision. The airbag deploys only in side impacts and only when the vehicle acceleration registered by the control unit is high enough. If this rate is below the reference value programmed into the control unit, the side airbags will not be triggered, even though the car may be badly damaged as a result of the collision. It is not possible to define an airbag triggering range that will cover every possible angle of impact, since the circumstances will vary considerably between one collision and another. Important factors include, for example, the nature (hard or soft) of the impacting object, the angle of impact, vehicle speed, etc. ⇨ *page 299, Important safety instructions on the side airbag system*.

Aside from their normal safety function, safety belts work to help keep the driver or front passenger in position in the event of a side collision so that the side airbags can provide protection.

The airbag system is *not* a substitute for your safety belt. Rather, it is part of the overall occupant restraint system in your vehicle. Always remember that the side airbag system can only help to protect you if you are wearing your safety belt and wearing it properly. This is another reason why you should always wear your safety belts, not just because the law requires you to do so ⇨ *page 273, General information*.

It is important to remember that while the supplemental side airbag system is designed to reduce the likelihood of serious injuries, other injuries, for example, swelling, bruising, friction burns and minor abrasions can also be associated with deployed side airbags. Remember too, side airbags will deploy only once and only in certain kinds of accidents - your safety belts are always there to offer protection.

Vehicle damage, repair costs or even the lack of vehicle damage are not necessarily an indication of over-sensitive or failed airbag activation. In some collisions, both front and side airbags may inflate. Remember too, that airbags will deploy only once and only in certain kinds of collisions – your safety belts are always there to offer protection in those accidents in which airbags are not supposed to deploy or when they have already deployed.

The side airbag system will not deploy:

– when the ignition is turned off
– in side collisions when the acceleration measured by the sensor is too low
– in front-end collisions
– in rear-end collisions
– in rollovers.

In some types of accidents the front airbags, side curtain airbags and side airbags may be triggered together.

WARNING

– Safety belts and the airbag system will only provide protection when occupants are in the proper seating position ⇨ *page 299*.
– If the airbag indicator light ⇨ *page 269* comes when the vehicle is being used, have the system inspected immediately by your authorized Audi dealer. It is possible that the airbag will inflate when it is not supposed to, or will not inflate when it should.

How supplemental side airbags work

Side airbags deploy instantly and can help reduce the risk of upper torso injuries for occupants who are properly restrained.

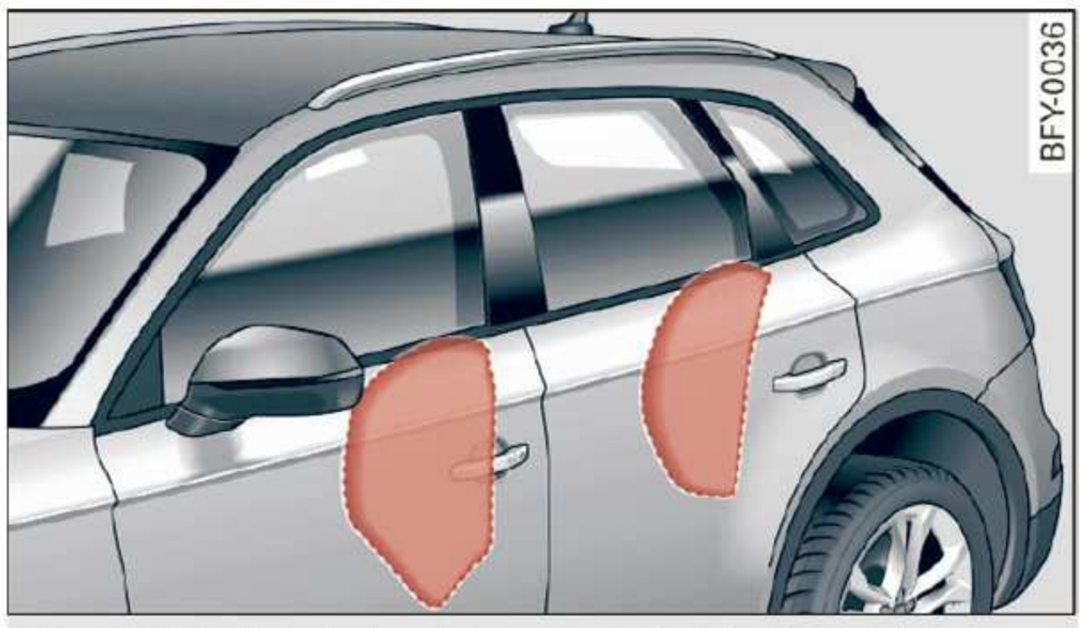


Fig. 240 Inflated side airbags on left side of vehicle, rear side airbag optional equipment

When the system is triggered, the airbag is filled with propellant gas and breaks through a seam in the seat surface area. It expands between the ▶

side trim panel and the passenger. In order to help provide this additional protection, the side airbag must inflate within a fraction of a second at very high speed and with great force. The supplemental side airbag could injure you if your seating position is not proper or upright or if items are located in the area where the supplemental side airbag expands. This applies especially to children ⇨ *page 303, Child safety*. Supplemental side airbags inflate between the occupant and the door panel on the side of the vehicle that is struck in certain side collision ⇨ *fig. 240*.

Although they are not a soft pillow, they can "cushion" the impact and in this way they can help to reduce the risk of injury to the upper part of the body.

A fine dust may develop when the airbag deploys. This is normal and does not mean there is a fire in the vehicle.

Important safety instructions on the side airbag system

Airbags are only supplemental restraints. Always properly wear safety belts and ride in a proper seating position.

There is a lot that you and your passengers must know and act accordingly to help the safety belts and airbags do their job to provide supplemental protection.

WARNING

An inflating side airbag can cause serious or fatal injury. Improperly wearing safety belts and improper seating positions increase the risk of serious personal injury and death whenever a vehicle is being used.

- In order to reduce the risk of injury when the supplemental side airbag inflates:
  - Always sit in an upright position and never lean against the area where the supplemental side airbag is located.
  - Never let a child or anyone else rest their head against the side trim panel in the area where the supplemental side airbag inflates.
  - Always make sure that safety belts are worn correctly,
  - Do not let anyone sitting in the front seat put their hand or any other parts of their body out of the window.
- Always make sure that the side airbag can inflate without interference.
  - Never install seat covers or replacement upholstery over the front seatbacks that have not been specifically approved by Audi.
  - Never use additional seat cushions that cover the areas where the side airbags deploy.
  - Damage to the original seat covers or to the seam in the area of the side airbag module must always be repaired immediately by an authorized Audi dealer.
- Objects between you and the airbag can increase the risk of injury in an accident by interfering with the way the airbag unfolds or by being pushed into you as the airbag inflates.
  - Never place or attach accessories or other objects (such as cupholders, telephone brackets, or even large, bulky objects) on the doors, over or near the area marked "AIRBAG" on the seat backrests.
  - Such objects and accessories can become dangerous projectiles and cause injury when the supplemental side airbag deploys.
  - Never carry any objects or pets in the deployment space between them and the airbags or allow children or other passengers to travel in this position.
  - Always use the built-in coat hooks* only for lightweight clothing. Never leave any heavy or sharp-edged objects in the pockets that may interfere with side airbag deployment and can cause personal injury in an accident.
  - Always prevent the side airbags from being damaged by heavy objects knocking against or hitting the sides of the seatbacks.
  - The airbag system can only be triggered once. If the airbag has been triggered, the ▶

system must be replaced by an authorized Audi dealership.
– Damage (cracks, deep scratches etc.) to the original seat covers or to the seam in the area of the side airbag module must always be repaired immediately by an authorized Audi dealer.
– If children are seated improperly, their risk of injury increases in the case of an accident ⇨ *page 303, Child safety*.
– Never attempt to modify any components of the airbag system in any way.
– In a side collision, side airbags will not function properly if sensors cannot correctly measure increasing air pressure inside the doors when air escapes through larger, unclosed openings in the door panel.
  – Never drive with interior door trim panels removed.
  – Never drive when parts have been removed from the inside door panel and the openings they leave have not been properly closed.
  – Never drive when loudspeakers in the doors have been removed unless the speaker holes have been properly closed.
  – Always make certain that openings are covered or filled if additional speakers or other equipment is installed in the inside door panels.
  – Always have work on the doors done by an authorized Audi dealer or qualified workshop.

Side curtain airbags

Description of side curtain airbags

The side curtain airbags can provide supplemental protection to properly restrained occupants.

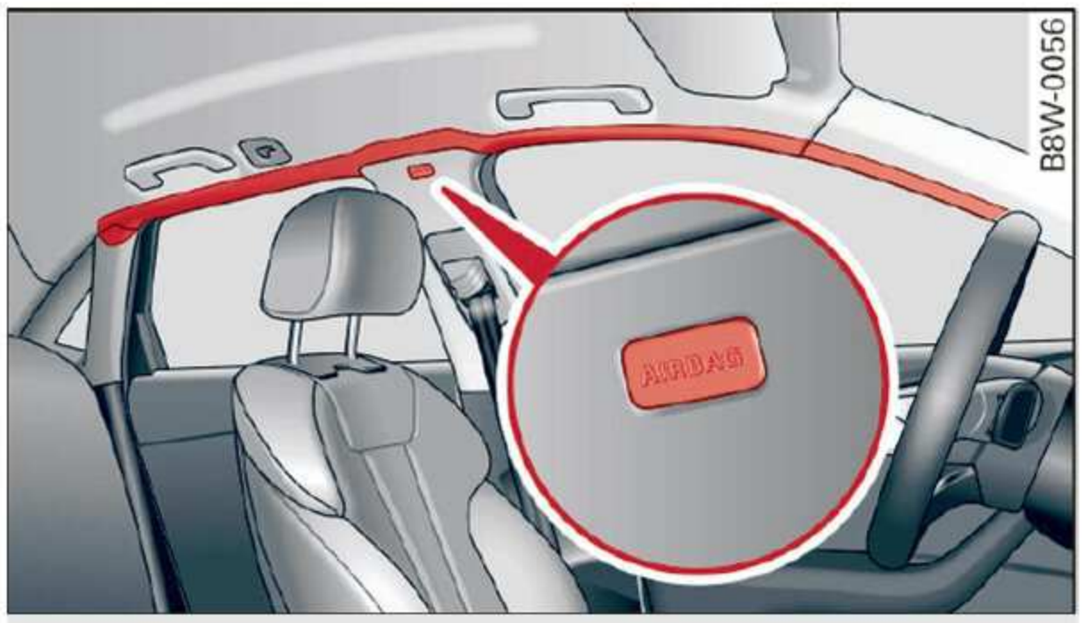


Fig. 241 Side curtain airbags, driver's side: location

The side curtain airbags are located on both sides of the interior above the front and rear side windows ⇨ *fig. 241*.

The side curtain airbags contain features that provide ejection mitigation to help prevent vehicle occupants or parts of their bodies from being completely or partially ejected from the vehicle interior in certain side impacts and vehicle rollovers.

The side curtain airbag system supplements the safety belts and can help to reduce the risk of injury for occupants' heads and upper torso in a side collision. The side curtain airbag inflates in side impacts and only when the vehicle acceleration registered by the control unit is high enough. If this rate is below the reference value programmed into the control unit, the side curtain airbag will not be triggered, even though the car may be badly damaged as a result of the collision. It is not possible to define an airbag triggering range that will cover every possible angle of impact, since the circumstances will vary considerably between one collision and another. Important factors include, for example, the nature (hard or soft) of the impacting object, the angle of impact, vehicle speed, etc. ⇨ *page 301, How side curtain airbags work*.

Aside from their normal safety function, safety belts work to help keep the driver or front passenger in position in the event of a collision so ▶

that the side curtain airbags can provide protection.

The airbag system is not a substitute for your safety belt. Rather, it is part of the overall occupant restraint system in your vehicle. Always remember that the airbag system can only help to protect you if you are wearing your safety belt and wearing it properly. This is another reason why you should always wear your safety belts, not just because the law requires you to do so ⇨ *page 273, General information*.

It is important to remember that while the side curtain airbag system is designed to help reduce the likelihood of serious injuries, other injuries, for example, swelling, bruising, friction burns and minor abrasions can also be associated with these airbags upon deployment. Remember too, these airbags will deploy only once and only in certain kinds of accidents - your safety belts are always there to offer protection.

The side curtain airbag system basically consists of:

– The electronic control module and external side impact sensors
– The side curtain airbags above the windows of the outer seating positions with ejection mitigation features
– The airbag indicator light in the instrument panel

The airbag system is monitored electronically to make certain it is functioning properly at all times. Each time you turn on the ignition, the airbag system indicator light will come on for a few seconds (self diagnostics).

The side curtain airbag is not activated:

– if the ignition is turned off
– in side collisions when the acceleration measured by the sensor is too low
– in rear-end collisions.

WARNING

– Safety belts and the airbag system will only provide protection when occupants are in the proper seating position ⇨ *page 53, Front seats*.
– If the airbag indicator light ⇨ *page 269* comes when the vehicle is being used, have the system inspected immediately by your authorized Audi dealer. It is possible that the airbag will inflate when it is not supposed to, or will not inflate when it should.

How side curtain airbags work

Side curtain airbags can work together with side airbags to help reduce the risk of head and upper torso injuries for occupants who are properly restrained.

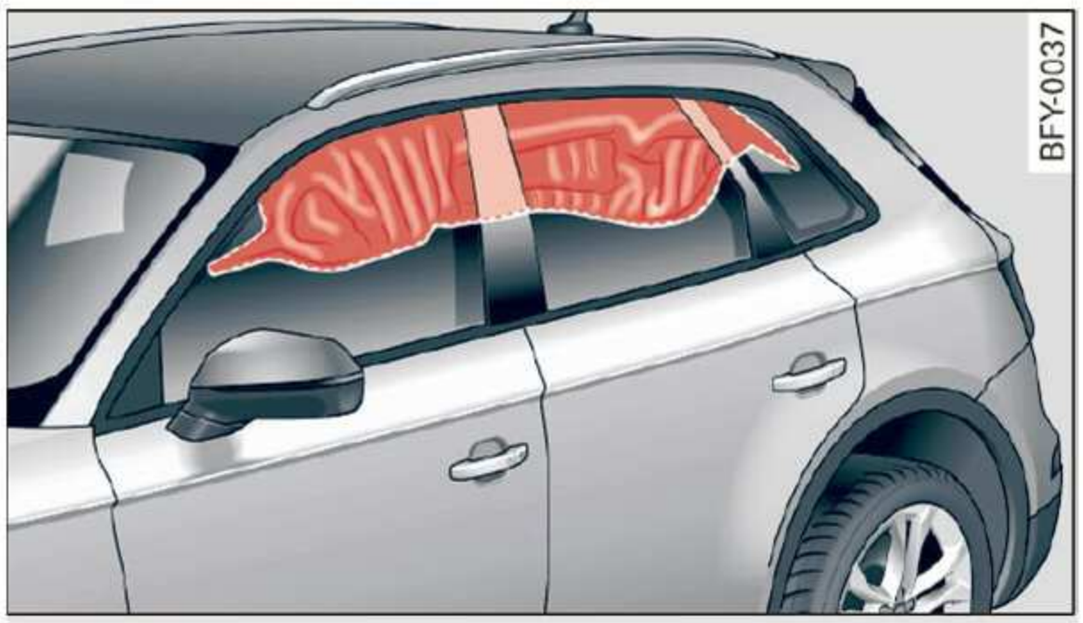


Fig. 242 Illustration of principle: Inflated side curtain airbags on the left side

The side curtain airbags inflate between the occupant and the windows in a side collision ⇨ *fig. 242*.

When the system is triggered, the side curtain airbag is filled with propellant gas and breaks through a seam above the front and rear side windows identified by the AIRBAG label. In order to help provide this additional protection, the side curtain airbag must inflate within the blink of an eye at very high speed and with great force. The side curtain airbag could injure you if your seating position is not proper or upright or if items are located in the area where the supplemental side curtain airbag inflates. This applies especially to children ⇨ *page 303*.

Although they are not a soft pillow, side curtain airbags can “cushion” the impact and in this way they can help to reduce the risk of injury to the head and the upper part of the body.

A fine dust may develop when the airbag deploys. This is quite normal and does not mean there is a fire in the vehicle.

Important safety instructions on the side curtain airbag system

Airbags are only supplemental restraints. Always properly wear safety belts and ride in a proper seating position.

There is a lot that you and your passengers must know and do to help the safety belts and airbags do their job to provide supplemental protection.

WARNING

Improperly wearing safety belts and improper seating positions increase the risk of serious personal injury and death whenever a vehicle is being used.

- Never let occupants place any parts of their bodies in the area from which the side curtain airbag inflate.
- Always make sure that the side curtain airbags can inflate without interference.
- Use the built-in coat hooks only for lightweight clothing. Never leave any heavy or sharp-edged objects in the pockets that may interfere with airbag deployment and can cause personal injury in a collision.
- Never use hangers to hang clothes on the hooks.
- Only use factory-installed sun shades or, if shades installed after the vehicle leaves the factory, use only genuine Audi sun shades.
- Never swing the sun visors over to the side windows if things such as pens, garage door openers, hands-free speakers, etc. are attached to the sun visors. They could come loose and cause serious injury if the side curtain airbag inflates.
- A deploying airbag inflates in a fraction of a second and with great force.
- Never attach objects to the cover or in the deployment zone of a side curtain airbag.
- The airbag deployment zones must be kept clear at all times. Make sure there are no objects, pets, or other persons in the space between any vehicle occupant and any airbag at any time.
- Do not attach any accessories to the doors.

WARNING

- The airbag system can deploy only once. If the airbag has been triggered, the system must be replaced by an authorized Audi dealer or qualified workshop.
- Always have work involving the side curtain airbag system, removal and installation of the airbag components, or other repairs performed by a qualified dealership. Otherwise the airbag system may not work correctly.
- Never attempt to modify any components of the airbag system in any way.

Child safety

Important information

Introduction

The rear seat is generally the safest place in a collision.

The physical principles of what happens when your vehicle is in a crash apply also to children ⇨ *page 274, What happens to occupants not wearing safety belts?*. But unlike adults and teenagers, their muscles and bones are not fully developed. In many respects children are at greater risk of serious injury in crashes than adults.

Because children's bodies are not fully developed, they require restraint systems especially designed for their size, weight, and body structure. Many countries and all states of the United States and provinces of Canada have laws requiring the use of approved child restraint systems for infants and small children.

In a frontal crash at a speed of 20 – 35 mph (30 – 56 km/h) the forces acting on a 13-pound (6 kg) infant will be more than 20 times the weight of the child. This means the weight of the child would suddenly be more than 260 pounds (120 kg). Under these conditions, only an appropriate child restraint properly used can reduce the risk of serious injury. Child restraints, like adult safety belts, must be used properly to be effective. Used improperly, they can increase the risk of serious injury in an accident.

All children, especially those 12 years and younger must always ride in the back seat properly restrained for their age and size. If you must install a child restraint on the front passenger seat in exceptional circumstances, be sure to read and heed the important information and warnings ⇨ *page 282*. Infants and other children who are properly restrained in an appropriate child restraint that is for their size and age can benefit from the protection that supplemental side airbags provide in some kinds of crashes.

For more information please see information provided by the:

– National Highway Traffic Safety Administration (NHTSA), currently at : http://www.safercar.gov (for the USA)
– Transport Canada Information Centre, currently at: http://www.tc.gc.ca (for Canada)

Consult the child safety seat manufacturer's instructions in order to be sure the seat is right for your child's size ⇨ *page 307, Important safety instructions for using child safety seats*. Please be sure to read and heed all of the important information and WARNINGS about child safety, Advanced Airbags, and the installation of child restraints in this chapter.

There is a lot you need to know about the Advanced Airbags in your vehicle and how they work when infants and children in child restraints are on the front passenger seat. Because of the large amount of important information, we cannot repeat it all here. We urge you to read the detailed information in this owner's manual about airbags and the Advanced Airbag System in your vehicle and the very important information about transporting children on the front passenger seat. Please be sure to heed the WARNINGS – they are extremely important for your safety and the safety of your passengers, especially infants and small children.

WARNING

– Accident statistics have shown that children are generally safer in the rear seat area than in the front seating position. Always restrain any child age 12 and under in the rear.
– All vehicle occupants and especially children must be restrained properly whenever riding in a vehicle. An unrestrained or improperly restrained child could be injured by striking the interior or by being ejected from the vehicle during a sudden maneuver or impact. An unrestrained or improperly restrained child is also at greater risk of injury or death through contact with an inflating airbag.
– A suitable child restraint properly installed and used at one of the rear seating positions provides the highest degree of protection for infants and small children in most accident situations.

WARNING

Children on the front seat of any car even with Advanced Airbags can be seriously injured or even killed when an airbag inflates. A child in a rearward-facing child safety seat installed on the front passenger seat will be seriously injured and can be killed if the front airbag inflates.

- The inflating airbag will hit the child safety seat or infant carrier with great force and will smash the child safety seat and child against the backrest, center armrest, or door.
- Always install rear-facing child safety seats on the rear seat.
- If you must install a rearward facing child safety seat on the front passenger seat in exceptional circumstances and the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install the rear-facing child safety seat in a rear seating position and have the airbag system inspected immediately by your Audi dealer.

WARNING

- Forward-facing child seats installed on the front passenger seat may interfere with the deployment of the airbag and cause serious personal injury to the child.
- If exceptional circumstances require the use of a forward-facing child restraint on the front passenger's seat, the child's safety and well-being require the following special precautions to be taken:
  - Always make sure that the forward-facing seat has been designed and certified by its manufacturer for use on a front passenger seat with a front and side airbag.
  - Always carefully follow the manufacturer's instructions provided with the child seat or infant carrier.
  - Never install a child restraint without a properly attached top tether strap if the child restraint manufacturer's instructions require the top tether strap to be used.
  - Never put the forward-facing child restraint up against or very near the instrument panel.
  - Always set the safety belt upper anchorage to the adjustment position that permits proper installation in accordance with the child restraint manufacturer's instructions.
  - Always move the front passenger seat to the highest position in the up and down adjustment range and move it back to the rearmost position in the seat's fore and aft adjustment range, as far away from the airbag as possible, before installing the forward-facing child restraint.
  - Always make sure that the safety belt upper anchorage is behind the child restraint and not next to or in front of the child restraint so that the safety belt will be properly positioned.
  - Always make sure that nothing prevents the front passenger's seat from being moved to the rearmost position in its fore and aft adjustment range.
  - Never place objects on the seat (such as a laptop, CD player, electronic games device, power inverter or seat heater for child seats). These may influence the electrical capacitance measured by the capacitive passenger detection system and can also fly around in an accident and cause serious personal injury.
  - Never place or use any electrical device (such as a laptop, CD player, electronic games device, power inverter or seat heater for child seats) on the front passenger seat if the device is connected to the 12-volt socket or the cigarette lighter socket.
  - If a seat heater has been retrofitted or otherwise added to the front passenger seat, never install any child restraint system on this seat.
  - Make sure that there are no wet objects (such as a wet towel) and no water or other liquids on the front passenger seat cushion.
  - Always make sure that the **PASSENGER AIR BAG OFF** light comes on and stays ▶

on all the time whenever the ignition is switched on.
– If the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install the forward-facing child seat in a rear seating position and have the airbag system inspected by your authorized Audi dealer.
– Always buckle the child seat firmly in place even if a child is not sitting in it. A loose child seat can fly around during a sudden stop or in a collision.
– Always read and heed all WARNINGS whenever using a child restraint in a vehicle ⇨ *page 273, Safety belts*, ⇨ *page 281, Airbag system* and ⇨ *page 303, Important information*.

Tips

Always replace child restraints that were installed in a vehicle during a crash. Damage to a child restraint that is not visible could cause it to fail in another collision situation.

Advanced front airbag system and children

Your vehicle is equipped with an “Advanced Airbag System” in compliance with United States Federal Motor Vehicle Safety Standard (FMVSS) 208, as well as Canada Motor Vehicle Safety Standard (CMVSS) 208 as applicable at the time your vehicle was manufactured.

The Advanced Airbag system in your vehicle has been certified to meet the “low-risk” requirements for 3- and 6-year old children on the passenger side and small adults on the driver side. The low risk deployment criteria are intended to reduce the risk of injury through interaction with the airbag that can occur, for example, by being too close to the steering wheel and instrument panel when the airbag inflates. In addition, the system has been certified to comply with the “suppression” requirements of the Safety Standard, to turn off the front airbag for infants up to 12 months who are restrained on the front passenger seat in child restraints that are listed in the Standard.

Even though your vehicle is equipped with an Advanced Airbag system, all children, especially those 12 years and younger, should always ride in the back seat properly restrained for their age and size. The airbag on the passenger side makes the front seat a potentially dangerous place for a child to ride. The front seat is not the safest place for a child in a forward-facing child safety seat. It can be a very dangerous place for an infant or a larger child in a rearward-facing seat.

The vehicle's Advanced Airbag System has a capacitive passenger detection system in the front passenger seat cushion that can detect the presence of a baby or a child in a child restraint system on this seat.

The capacitive passenger detection system registers the changes that result in an electrical field when a child, a child restraint, and a baby blanket are on the front passenger seat. The change in the measured capacitance due to the presence of a child, a child restraint, and a baby blanket on the front passenger seat is related to the child restraint system resting on the seat. The measured capacitance of a child restraint system varies depending on the type of system and specific make and model.

The electrical capacitance of the various types, makes, and models of child restraints specified by the U.S. National Highway Traffic Safety Administration (NHTSA) in the relevant safety standard are stored in the Advanced Airbag System control unit together with the capacitances typical of infants and a 1-year old child. When a child restraint is used on the front passenger seat with a typical 1 year-old infant, the Advanced Airbag System compares the capacitance measured by the capacitive passenger detection system with the data stored in the electronic control unit.

Child restraints and Advanced Airbags

Regardless of the child restraint that you use, make sure that it has been certified to meet Safety Standards and has been certified by its manufacturer for use with an airbag. Always be sure that the child restraint is properly installed at ▶

one of the rear seating positions. If in exceptional circumstances you must use it on the front passenger seat, carefully read all of the information on child safety and Advanced Airbags and heed all of the applicable WARNINGS. Make certain that the child and child restraint are correctly recognized by the capacitive passenger detection system in the front passenger seat, that the front passenger airbag is turned off, and that the airbag status is always correctly signaled by the **PASSENGER AIR BAG OFF** light.

Many types and models of child restraints have been available over the years, new models are introduced regularly incorporating new and improved designs and older models are taken out of production. Child restraints are not standardized. Child restraints of the same type typically have different weights and sizes and different "footprints", the size and shape of the bottom of the child restraint that sits on the seat, when they are installed on a vehicle seat. These differences make it virtually impossible to certify compliance with the requirements for advanced airbags with each and every child restraint that has ever been sold in the past or will be sold over the course of the useful life of your vehicle.

For this reason, the United States National Highway Traffic Safety Administration has published a list of specific type, makes and models of child restraints that must be used to certify compliance of the Advanced Airbag System in your vehicle with the suppression requirements of Federal Motor Vehicle Safety Standard 208. These child restraints are:

Subpart A – Car bed child restraints

Model	Manufactured on or after
Angel Guard Angel Ride AA2403FOF	September 25, 2007

Subpart B – Rear-facing child restraints

Model	Manufactured on or after
Century SmartFit 4543	December 1, 1999
Cosco Arriva 22-013PAW and base 22-999WHO	September 25, 2007
Evenflo Discovery Adjust Right 212	December 1, 1999
Evenflo First Choice 204	December 1, 1999
Graco Infant 8457	December 1, 1999
Graco Snugride	September 25, 2007
Peg Perego Primo Viaggio SIP IMUN00US	September 25, 2007

Subpart C – Forward-facing and convertible child restraints

Model	Manufactured on or after
Britax Roundabout E9L02xx	September 25, 2007
Cosco Touriva 02519	December 1, 1999
Cosco Summit Deluxe High Back Booster 22-262	September 25, 2007
Cosco High Back Booster 22-209	September 25, 2007
Evenflo Tribute V 379xxxx	September 25, 2007
Evenflo Medallion 254	December 1, 1999
Evenflo Generations 352xxxx	September 25, 2007
Graco ComfortSport	September 25, 2007
Graco Toddler Safety Seat Step 2	September 25, 2007
Graco Platinum Cargo	September 25, 2007

WARNING

To reduce the risk of serious injury, make sure that the **PASSENGER AIR BAG OFF** light comes on and stays on whenever a child restraint is installed on the front passenger seat and the ignition is switched on.

– Take the child restraint off the front passenger seat and install it properly at one of the rear seat positions if the **PASSENGER AIR BAG OFF** light does not stay on.
– Have the airbag system inspected by your authorized Audi dealer immediately.

Tips

The child seats listed in categories A to C have been statically tested by Audi only for the Advanced Airbag function.

Important safety instructions for using child safety seats

Correct use of child safety seats substantially reduces the risk of injury in an accident!

As the driver, you are responsible for the safety of everybody in the vehicle, especially children:

- Always use the right child safety seat for each child and always use it properly ⇨ *page 309*.
- Always carefully follow the child safety seat manufacturer's instructions on how to route the safety belt properly through the child safety seat.
- When using the vehicle safety belt to install a child safety seat, you must first activate the convertible locking retractor on the safety belt to prevent the child safety seat from moving ⇨ *page 314*.
- Push the child safety seat down with your full weight to get the safety belt really tight so that the seat cannot move forward or sideways more than one inch (2.5 cm).
- Secure unused safety belts on the rear seat ⇨ *page 309*.

Always remember: Even though your vehicle is equipped with an Advanced Airbag system, all children, especially those 12 years and younger, should always ride in the back seat properly restrained for their age and size.

WARNING

Not using a child safety seat, using the wrong child safety seat or improperly installing a child restraint increases the risk of serious personal injury and death.

– All vehicle occupants and especially children must be restrained properly whenever riding in a vehicle. An unrestrained or improperly restrained child could be injured by striking the interior or by being ejected from the vehicle during a sudden maneuver or impact. An unrestrained or improperly restrained child is also at greater risk of injury or death through contact with an inflating airbag.
– Commercially available child safety seats are required to comply with U.S. Federal Motor Vehicle Safety Standard (FMVSS) 213 (in Canada CMVSS 213).
  – When buying a child restraint, select one that fits your child and the vehicle.
  – Only use child restraint systems that fully contact the flat portion of the seat cushion. The child restraint must not tip or lean to either side. Audi does not recommend using child safety seats that rest on legs or tube-like frames. They do not provide adequate contact with the seat.
  – Always heed all legal requirements pertaining to the installation and use of child safety seats and carefully follow the instructions provided by the manufacturer of the seat you are using.
– Never allow children under 57 inches (1.45 meters) to wear a normal safety belt. They must always be restrained by a proper child restraint system. Otherwise, they could sustain injuries to the abdomen and neck areas during sudden braking maneuvers or accidents.
– Never let more than one child occupy a child safety seat.
– Never let babies or older children ride in a vehicle while sitting on the lap of another passenger.
  – Holding a child in your arms is never a substitute for a child restraint system.
  – The strongest person could not hold the child with the forces that exist in an accident. The child will strike the interior of the vehicle and can also be struck by the passenger.

- The child and the passenger can also injure each other in an accident.

– Never install rear-facing child safety seats or infant carriers on the front passenger seat. A child will be seriously injured and can be killed when the passenger airbag inflates – even with an Advanced Airbag System.
– The inflating airbag will hit the child safety seat or infant carrier with great force and will smash the child safety seat and child against the backrest, center armrest, door or roof.
– Always install rear-facing child safety seats or infant carriers on the rear seat.
– Before you carry a child in a rear-facing child safety seat on the rear seat, remove the Rear Seat Entertainment (RSE)* and its holder* from the backrest of the front seat.
– Make sure there is enough space in front of the child in the child seat. If necessary, adjust the angle and position of the seat in front of the child seat.
– Forward-facing child safety seats installed on the front passenger's seat can interfere with the airbag when it inflates and cause serious injury to the child. Always install forward-facing child safety seats on the rear seat.
– If exceptional circumstances require the use of a forward-facing child restraint on the front passenger's seat, the child's safety and well-being require that the following special precautions be taken:
  - Make sure the forward-facing seat has been designed and certified by its manufacturer for use on a front seat with a passenger front and side airbag.
  - Always carefully follow the manufacturer's instructions provided with the child safety seat or carrier.
  - Always move the front passenger seat to the highest position in the up and down adjustment range and move it back to the rearmost position in the seat's fore and aft adjustment range, as far away from the airbag as possible, before installing the forward-facing child restraint.
  - Always make sure that the safety belt upper anchorage is behind the child restraint and not next to or in front of the child restraint so that the safety belt will be properly positioned.
  - Always make sure that nothing prevents the front passenger's seat from being moved to the rearmost position in its fore and aft adjustment range.
  - Always make sure that the backrest is in the upright position.
  - Never place or use any electrical device (such as a laptop, CD player, electronic games device, power inverter or seat heater for child seats) on the front passenger seat if the device is connected to the 12-volt socket or the cigarette lighter socket.
  - If a seat heater has been retrofitted or otherwise added to the front passenger seat, never install any child restraint system on this seat.
  - Make sure that there are no wet objects (such as a wet towel) and no water or other liquids on the front passenger seat cushion.
  - Never place objects on the seat (such as a laptop, CD player, electronic games device, power inverter or seat heater for child seats). These may influence the electrical capacitance measured by the capacitive passenger detection system and can also fly around in an accident and cause serious personal injury.
  - Always buckle the child safety seat firmly in place even if a child is not sitting in it. A loose child safety seat can fly around during a sudden stop or in a collision.
  - Always read and heed all WARNINGS whenever using a child restrained in a vehicle is being used ⇨ *page 273, Safety belts*, ⇨ *page 281, Airbag system* and ⇨ *page 303, Child safety*.

WARNING

To reduce the risk of serious injury, make sure that the **PASSENGER AIR BAG OFF** light ▶

comes on and stays on whenever a child restraint is installed on the front passenger seat and the ignition is switched on.

– Take the child restraint off the front passenger seat and install it properly at one of the rear seat positions if the **PASSENGER AIR BAG OFF** light does not stay on.
– Have the airbag system inspected by your authorized Audi dealer immediately.

Secure unused safety belts on the rear seat

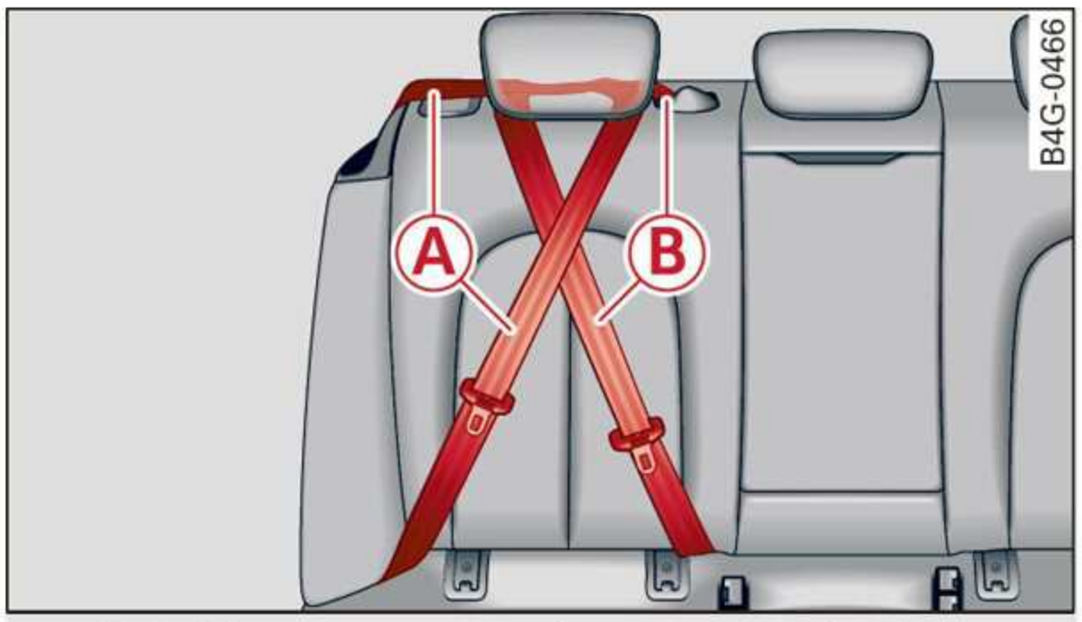


Fig. 243 Schematic overview: keep unused safety belts away from children in child safety seats. Ⓐ - outer rear safety belt, Ⓑ - center rear safety belt

If a child safety seat is used on the rear bench, especially with LATCH universal lower anchorages, the unused safety belts **must** be secured so that the child in the child restraint cannot reach them ⇨ ⚠.

– Guide the safety belt webbings Ⓐ and Ⓑ behind the head restraint of the seat where the child restraint is installed ⇨ *fig. 243*. When doing so, do not engage the convertible locking retractor! You should not hear a “clicking” sound when winding up the safety belt.
– Let the belt retractor wind up the safety belt webbing.

WARNING

A child in a child safety seat installed with the LATCH lower anchorages or with the standard safety belt or a child in a booster seat on the rear seat could play with unused rear seat safety belts and become entangled. This could cause the child serious personal injury and even death.

– Always secure unused rear seat safety belts out of reach of children in child seats such as by properly routing them around the head restraint of the seat where the child restraint is installed.
– Never activate the convertible locking retractor when routing the safety belts around the head restraints.
– Never let anyone sit at the center rear seating position if the center rear safety belt has been routed around a rear head restraint.

Child safety seats

Infant seats

Babies and infants up to about one year old and 20 lbs. or 9 kg need special rearward-facing child restraints that support the back, neck and head in a crash.



Fig. 244 Schematic overview: rearward-facing infant seat, properly installed on the rear seat

▸ When using the vehicle safety belt to install a child safety seat, you must first activate the convertible locking retractor on the safety belt to prevent the child safety seat from moving ⇨ *page 314* or install the seat using the LATCH attachments.
▸ Push the child safety seat down with your full weight to get the safety belt really tight so that the seat cannot move forward or sideways more than one inch (2.5 cm).
▸ Secure unused safety belts on the rear seat ⇨ *page 309*.

Infants up to about one year (20 lbs. or 9 kg) are best protected in special infant carriers and child safety seats designed for their age group. Many experts believe that infants and small children ▶

should ride only in special restraints in which the child faces the back of the vehicle. These infant seats support the baby's back, neck and head in a crash ⇨ *fig. 244*.

The airbag on the passenger side makes the front seat a potentially dangerous place for a child to ride. The front seat is not the safest place for a child in a forward-facing child seat. It is a very dangerous place for an infant or a larger child in a rearward-facing seat.

WARNING

Not using a child safety seat, using the wrong child safety seat or improperly installing a child restraint increases the risk of serious personal injury and death in a crash.

- Never install rear-facing child safety seats or infant carriers on the front passenger seat – even with an Advanced Airbag System. A child will be seriously injured and can be killed when the inflating airbag hits the child safety seat or infant carrier with great force and smashes the child safety seat and child against the backrest, center armrest, door or roof ⇨ *page 282, Child restraints on the front seat – some important things to know*.
- Always install rear-facing child safety seats or infant carriers on the rear seat.
- Never install a rear-facing child restraint in the forward-facing direction. Such restraints are designed for the special needs of infants and very small children and cannot protect them properly if the seat is forward-facing.
- If you must install a rearward facing child safety seat on the front passenger seat because of exceptional circumstances and the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install the rear-facing child safety seat in a rear seating position and have the airbag system inspected by your Audi dealer.
- Never place or use any electrical device (such as a laptop, CD player, electronic games device, power inverter or seat heater for child seats) on the front passenger seat if the device is connected to the 12-volt socket or the cigarette lighter socket.
- If a seat heater has been retrofitted or otherwise added to the front passenger seat, never install any child restraint system on this seat.
- Make sure that there are no wet objects (such as a wet towel) and no water or other liquids on the front passenger seat cushion.
- Never place objects on the seat (such as a laptop, CD player, electronic games device, power inverter or seat heater for child seats). These may influence the electrical capacitance measured by the capacitive passenger detection system and can also fly around in an accident and cause serious personal injury.
- Always read and heed all WARNINGS whenever using a child restrained in a vehicle is being used ⇨ *page 273, Safety belts*, ⇨ *page 281, Airbag system* and ⇨ *page 303, Important information*.

Convertible child safety seats

Properly used convertible child safety seats can help protect toddlers and children over age one who weigh between 20 and 40 lbs. (9 and 18 kg) in a crash.

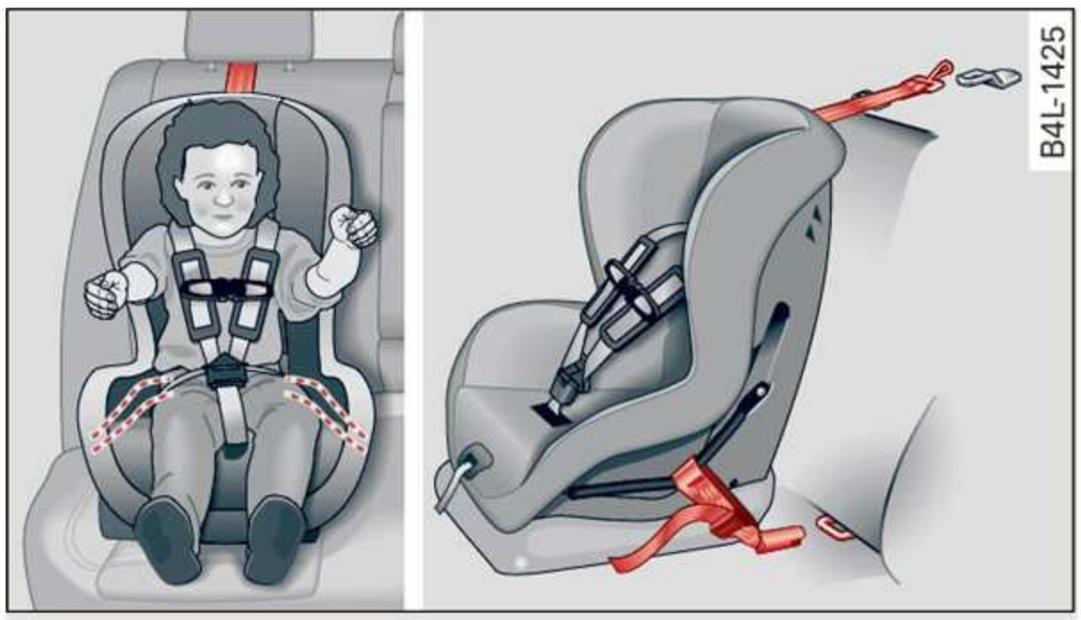


Fig. 245 Schematic overview: installation of the attachments applicable to a LATCH seat

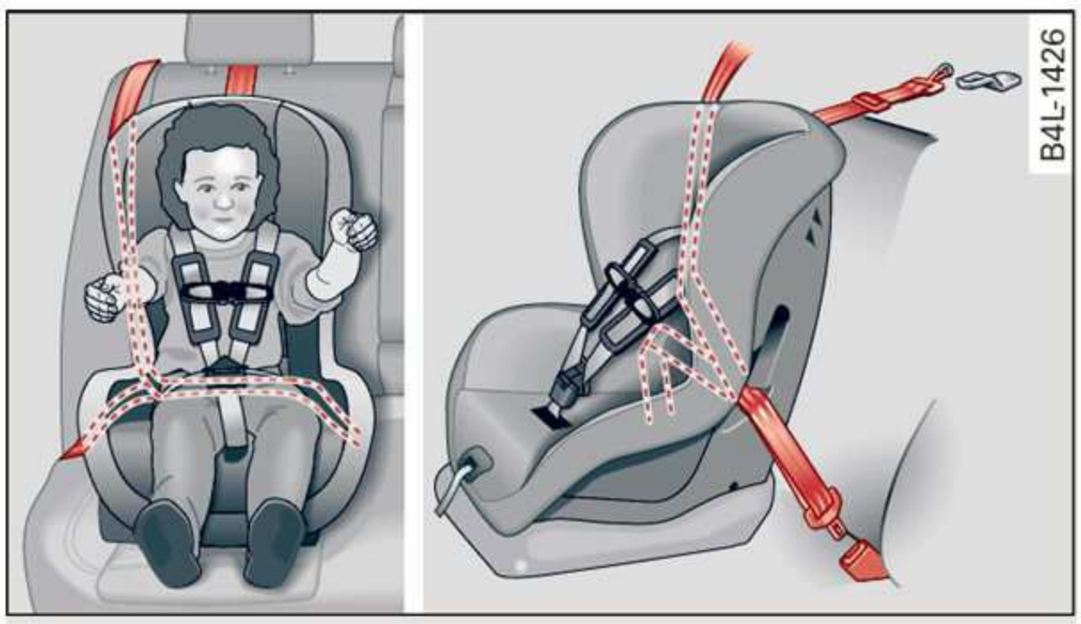


Fig. 246 Schematic overview: installation of the seat using the vehicle's safety belt system

- ► When using the vehicle safety belt to install a child safety seat, you must first activate the convertible locking retractor on the safety belt to prevent the child safety seat from moving ⇨ *page 314* or install the seat using the LATCH attachments.
- ► Push the child safety seat down with your full weight to get the safety belt really tight so that the seat cannot move forward or sideways more than one inch (2.5 cm) ⇨ *page 314*.
- ► If the child safety seat is equipped with a tether strap, attach it to the tether anchors ⇨ *page 319*.
- ► Secure unused safety belts on the rear seat ⇨ *page 309*.

A toddler or child is usually too large for an infant restraint if it is more than one year old and weighs more than 20 lbs. (9 kg).

Toddlers and children who are older than one year up to about 4 years old and weigh more than 20 lbs. (9 kg) up to 40 lbs. (18 kg) must always be properly restrained in a child safety seat certified for their size and weight ⇨ *fig. 245* and ⇨ *fig. 246*.

The airbag on the passenger side makes the front seat a potentially dangerous place for a child to ride. The front seat is not the safest place for a child in a forward-facing child safety seat. It is a very dangerous place for an infant or a larger child in a rearward-facing seat.

WARNING

Not using a child safety seat, using the wrong child safety seat or improperly installing a child restraint increases the risk of serious personal injury and death in a collision or other emergency situation.

- – Children on the front seat of any car, even with Advanced Airbags, can be seriously injured or even killed when an airbag inflates. A child in a rearward-facing child safety seat installed on the front passenger seat will be seriously injured and can be killed if the front airbag inflates – even with an Advanced Airbag System.
- – The inflating airbag will hit the child safety seat or infant carrier with great force and will smash the child safety seat and child against the backrest, center armrest, door or roof.
- – Always install rear-facing child safety seats on the rear seat.
- – If you must install a rearward facing child safety seat on the front passenger seat because of exceptional circumstances and the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install the rear-facing child safety seat in a rear seating position and have the airbag system inspected by your Audi dealer.
- – The rear side of the child safety seat should be positioned as close as possible to the backrest on the vehicle seat. Adjust or remove the rear seat head restraint if it is difficult to install the child seat with the head restraint in place ⇨ *page 56*. Install the ▶

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head restraint again immediately once the child seat is removed. Driving without head restraints or with head restraints that are not properly adjusted increases the risk of serious or fatal neck injury dramatically.
– Always read and heed all WARNINGS whenever using a child restrained in a vehicle is being used ⇨ *page 273, Safety belts*, ⇨ *page 281, Airbag system* and ⇨ *page 303, Important information*.

WARNING

If exceptional circumstances require the use of a forward-facing child restraint on the front passenger's seat, the child's safety and well-being require that the following special precautions be taken:
– Make sure the forward-facing seat has been designed and certified by its manufacturer for use on a front seat with a passenger front and side airbag.
– Always follow the manufacturer's instructions provided with the child safety seat or infant carrier.
– Always move the front passenger seat to the highest position in the up and down adjustment range and move it back to the rearmost position in the seat's fore and aft adjustment range, as far away from the airbag as possible, before installing the forward-facing child restraint.
– Always make sure that the safety belt upper anchorage is behind the child restraint and not next to or in front of the child restraint so that the safety belt will be properly positioned.
– Always make sure that nothing prevents the front passenger's seat from being moved to the rearmost position in its fore and aft adjustment range.
– Always make sure the backrest is in an upright position.
– Never place or use any electrical device (such as a laptop, CD player, electronic games device, power inverter or seat heater for child seats) on the front passenger seat if the device is connected to the 12-volt socket or the cigarette lighter socket.
– If a seat heater has been retrofitted or otherwise added to the front passenger seat, never install any child restraint system on this seat.
– Make sure that there are no wet objects (such as a wet towel) and no water or other liquids on the front passenger seat cushion.
– Never place objects on the seat (such as a laptop, CD player, electronic games device, power inverter or seat heater for child seats). These may influence the electrical capacitance measured by the capacitive passenger detection system and can also fly around in an accident and cause serious personal injury.
– Make sure that the **PASSENGER AIR BAG OFF** light comes on and stays on all the time whenever the ignition is switched on.
– If the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install the forward-facing child seat at a seating position on the rear seat and have the airbag system inspected by your authorized Audi dealer.
– Take the child restraint off the front passenger seat and install it properly at one of the rear seat positions if the **PASSENGER AIR BAG OFF** light does not stay on whenever the ignition is switched on.

Booster seats and safety belts

Properly used booster seats can help protect children weighing between about 40 lbs. and 80 lbs. (18 kg and 36 kg) who are less than 4 ft. 9 in. (57 inches/1.45 meters) tall.



Fig. 247 Rear seat: child properly restrained in a booster seat

The vehicle's safety belts alone will not fit most children until they are at least 4 ft. 9 in. (57 inches/1.45 meters) tall and weigh about 80 lbs. (36 kg). Booster seats raise these children up so that the safety belt will pass properly over the stronger parts of their bodies and the safety belt can help protect them in a crash.

- Do not use the convertible locking retractor when using the vehicle's safety belt to restrain a child on a booster seat.
- The shoulder belt must lie as close to the center of the child’s collar bone as possible and must lie flat and snug on the upper body. It must never lie across the throat or neck. The lap belt must lie across the pelvis and never across the stomach or abdomen. Make sure the belt lies flat and snug. Pull on the belt to tighten if necessary.
- If you must transport an older child in a booster seat on the front passenger seat, you can use the safety belt height adjustment to help adjust the shoulder portion properly.
- Secure unused safety belts on the rear seat ⇨ *page 309*.

Children up to at least 8 years old (over 40 lbs. or 18 kg) are best protected in child safety seats designed for their age and weight. Experts say that the skeletal structure, particularly the pelvis, of these children is not fully developed, and they must not use the vehicle safety belts without a suitable child restraint.

It is usually best to put these children in appropriate booster seats. Be sure the booster seat meets all applicable safety standards.

Booster seats raise the seating position of the child and reposition both the lap and shoulder parts of the safety belt so that they pass across the child's body in the right places. The routing of the belt over the child's body is very important for the child's protection, whether or not a booster seat is used. Children age 12 and under must always ride in the rear seat.

Children who are at least 4 ft. 9 in. (57 inches/1.45 meters) tall can generally use the vehicle's three point lap and shoulder belts. Never use the lap belt portion of the vehicle's safety belt alone to restrain any child, regardless of how big the child is. Always remember that children do not have the pronounced pelvic structure required for the proper function of lap belt portion of the vehicle's three point lap and shoulder belts. The child's safety absolutely requires that a lap belt portion of the safety belt be fastened snugly and as low as possible around the pelvis. Never let the lap belt portion of the safety belt pass over the child's stomach or abdomen.

In a crash, airbags must inflate within a blink of an eye and with considerable force. In order to do its job, the airbag needs room to inflate so that it will be there to protect the occupant as the occupant moves forward into the airbag.

A vehicle occupant who is out of position and too close to the airbag gets in the way of an inflating airbag. When an occupant is too close, he or she will be struck violently and will receive serious or possibly even fatal injury. By keeping room between the child's body and the front of the passenger compartment, the airbag can inflate completely and provide supplemental protection in certain frontal collisions.

WARNING

Not using a booster seat, using the booster seat improperly, incorrectly installing a booster seat or using the vehicle safety belt improperly increases the risk of serious personal injury and death in a collision or other emergency situation. To help reduce the risk of serious personal injury and/or death:

– The shoulder belt must lie as close to the center of the child’s collar bone as possible and must lie flat and snug on the upper body. It must never lie across the throat or neck. The lap belt must lie across the pelvis and never across the stomach or abdomen. Make sure the belt lies flat and snug. Pull on the belt to tighten if necessary.
– Failure to properly route safety belts over a child's body will cause severe injuries in an accident or other emergency situation ⇨ *page 273*.
– The rear side of the child safety seat should be positioned as close as possible to the ▶

backrest on the vehicle seat. Adjust or remove the rear seat head restraint if it is difficult to install the child seat with the head restraint in place ⇨ *page 56*. Install the head restraint again immediately once the child seat is removed. Driving without head restraints or with head restraints that are not properly adjusted increases the risk of serious or fatal neck injury dramatically.
– Never let a child put the shoulder belt under the arm or behind the back, because it could cause severe injuries in a crash.
– Children on the front seat of any car, even with Advanced Airbags, can be seriously injured or even killed when an airbag inflates.
– Never let a child stand or kneel on any seat, for example the front seat.
– Never let a child ride in the cargo area of your vehicle.
– Always remember that a child leaning forward, sitting sideways or out of position in any way during an accident can be struck by a deploying airbag. This will result in serious personal injury or death.
– If you must install a booster seat on the front passenger seat because of exceptional circumstances the **PASSENGER AIR BAG OFF** light must come on and stay on, whenever the ignition is switched on.
– If the **PASSENGER AIR BAG OFF** light does not come on and stay on, perform the checks described ⇨ *page 293, Monitoring the Advanced Airbag System*.
– Take the child restraint off the front passenger seat and install it properly at one of the rear seat positions if the **PASSENGER AIR BAG OFF** light does not stay on whenever the ignition is switched on.
– Always read and heed all WARNINGS whenever using a child restrained in a vehicle is being used ⇨ *page 273, Safety belts*, ⇨ *page 281, Airbag system* and ⇨ *page 303, Important information*.

Securing child safety seats

Securing a child safety seat using a safety belt

Safety belts for the rear seats and the front passenger can be locked with the convertible locking retractor to properly secure child safety seats.

The safety belts for the rear seats and for the front passenger's seat have a convertible locking retractor for child safety seats. The safety belt must be locked so that belt webbing cannot unreel. The retractor can be activated to lock the safety belt and prevent the safety belt webbing from loosening up during normal driving. A child safety seat can only be properly installed when the safety belt is locked so that the child and child safety seat will stay in place.

Always remember: Even though your vehicle is equipped with an Advanced Airbag system, all children, especially those 12 years and younger, should always ride in the back seat properly restrained for their age and size.

WARNING

Improperly installed child safety seats increase the risk of serious personal injury and death in a collision.
– Always make sure that the safety belt retractor is locked when installing a child safety seat. An unlocked safety belt retractor cannot hold the child safety seat in place during normal driving or in a crash.
– Always buckle the child safety seat firmly in place even if a child is not sitting in it. A loose child safety seat can fly around during a sudden stop or in a collision.
– Always make sure that the rear seat backrest to which the center rear safety belt* is attached is securely latched whenever the rear center safety belt is being used to secure a child restraint.
– If the backrest is not securely latched, the child and the child restraint will be thrown forward together with the backrest and will strike parts of the vehicle interior. The child can be seriously injured or killed. ▶

– Never install rear-facing child safety seats or infant carriers on the front passenger seat. A child will be seriously injured and can be killed when the passenger airbag inflates.
– The inflating airbag will hit the child safety seat or infant carrier with great force and will smash the child safety seat and child against the backrest, center armrest, door or roof.
– Always install rear-facing child safety seats or infant carriers on the rear seat.
– Forward-facing child safety seats or infant carriers installed on the front passenger's seat may interfere with the deployment of the airbag and cause serious injury to the child.
– It is safer to install a forward-facing child safety seat on the rear seat.
– Always read and heed all WARNINGS whenever using a child restrained in a vehicle is being used ⇨ *page 303*. Special precautions apply when installing a child safety seat on the front passenger seat ⇨ *page 282, Child restraints on the front seat – some important things to know*.

WARNING

Always take special precautions if you must install a forward or rearward-facing child restraint on the front passenger's seat in exceptional situations:
– Whenever a forward or rearward-facing child restraint is installed on the front passenger seat, the **PASSENGER AIR BAG OFF** light must come on and stay on whenever the ignition is switched on.
– If the **PASSENGER AIR BAG OFF** light does not come on and stay on, perform the checks described ⇨ *page 293, Monitoring the Advanced Airbag System*.
– Take the child restraint off the front passenger seat and install it properly at one of the rear seat positions if the **PASSENGER AIR BAG OFF** light does not stay on whenever the ignition is switched on.

– Improper installation of child restraints can reduce their effectiveness or even prevent them from providing any protection.
– An improperly installed child restraint can interfere with the airbag as it deploys and seriously injure or even kill the child.
– Always carefully follow the manufacturer's instructions provided with the child safety seat or carrier.
– After checking to make sure that the child restraint is properly installed, make certain that the child restraint is correctly recognized by the capacitive passenger detection system in the front passenger seat and that the **PASSENGER AIR BAG OFF** light signals the correct front passenger frontal airbag status.

WARNING

Forward-facing child restraints:
– Always make sure the forward-facing seat has been designed and certified by its manufacturer for use on a front seat with a passenger front and side airbag.
– Never put the forward-facing child restraint up, against or very near the instrument panel.
– Always move the front passenger seat to the highest position in the up and down adjustment range and move it back to the rearmost position in the seat's fore and aft adjustment range, as far away from the airbag as possible, before installing the forward-facing child restraint.
– Always make sure that the safety belt upper anchorage is behind the child restraint and not next to or in front of the child restraint so that the safety belt will be properly positioned.
– Make sure that the **PASSENGER AIR BAG OFF** light comes on and stays on all the time whenever the ignition is switched on.

WARNING

Rearward-facing child restraints:
– A child in a rearward-facing child safety seat installed on the front passenger seat will be ▶

seriously injured and can be killed if the front airbag inflates – even with an Advanced Airbag System.
– The inflating airbag will hit the child safety seat or infant carrier with great force and will smash the child safety seat and child against the backrest, center armrest, door or roof.
– Always be especially careful if you must install a rearward facing child safety seat on the front passenger seat in exceptional circumstances.
– Make sure that the **PASSENGER AIR BAG OFF** light comes on and stays on all the time whenever the ignition is switched on.
– If the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install the rear-facing child safety seat in a rear seating position and have the airbag system inspected by your Audi dealer.

Activating the convertible locking retractor

Use the convertible locking retractor to secure a child restraint.

Always heed the child safety seat manufacturer's instructions when installing a child restraint in your vehicle. To activate the convertible locking retractor:

- ▸ Place the child restraint on a seat, preferably on the rear seat.
- ▸ Slowly pull the belt **all the way out**.
- ▸ Route it around or through the child restraint belt path ⇨ ⚠.
- ▸ Push the child safety seat down with your full weight to get the safety belt really tight.
- ▸ Insert the belt tongue into the buckle for that seating position.
- ▸ Guide the safety belt back into the retractor until the belt lies flat and snug on the child safety seat.
- ▸ You should hear a “clicking” noise as the belt winds back into the inertia reel. Test the convertible locking retractor by pulling on the belt. You should no longer be able to pull the belt out of the retractor. The convertible locking retractor is now activated.
- ▸ Make sure that the red release button is facing away from the child restraint so that it can be unbuckled quickly.
- ▸ Pull on the belt to make sure the safety belt is properly tight and fastened so that the seat cannot move forward or sideways more than one inch (2.5 cm).

WARNING

Using the wrong child restraint or an improperly installed child restraint can cause serious personal injury or death in a crash.
– Always make sure that the safety belt retractor is locked when installing a child safety seat. An unlocked safety belt retractor cannot hold the child safety seat in place during normal driving or in a crash.
– Always buckle the child safety seat firmly in place even if a child is not sitting in it. A loose child safety seat can fly around during a sudden stop or in a crash.
– Always make sure the seat backrest to which the child restraint is installed is in an upright position and securely latched into place and cannot fold forward. Otherwise, the seatback with the child safety seat attached to it could fly forward in the event of an accident or other emergency situation.
– Always read and heed all WARNINGS whenever using a child restrained in a vehicle is being used ⇨ *page 303*. Special precautions apply when installing a child safety seat on the front passenger seat ⇨ *page 282, Child restraints on the front seat – some important things to know*.

Deactivating the convertible locking retractor

The convertible locking retractor for child restraints will be deactivated automatically when the belt is wound all the way back into the retractor.

- ▸ Press the red button on the safety belt buckle. The belt tongue will pop out of the buckle.
- ▸ Guide the safety belt all the way back into its stowed position. ▶

Always let the safety belt retract completely into its stowed position. The safety belt can now be used as an ordinary safety belt without the convertible locking retractor for child restraints.

If the convertible locking retractor should be activated inadvertently, the safety belt must be unfastened and guided completely back into its stowed position to deactivate this feature. If the convertible locking retractor is not deactivated, the safety belt will gradually become tighter and uncomfortable to wear.

WARNING

Improperly installed child safety seats increase the risk of serious personal injury and death in a collision.

- Never unfasten the safety belt to deactivate the convertible locking retractor for child restraints while the vehicle is moving. You would not be restrained and could be seriously injured in an accident.
- Always read and heed all WARNINGS whenever using a child restrained in a vehicle is being used ⇨ *page 303*. Special precautions apply when installing a child safety seat on the front passenger seat ⇨ *page 282, Child restraints on the front seat – some important things to know*.

LATCH system (lower anchorages and tethers for children)

Child Restraint System anchors and how are they related to child safety

To provide a simpler and more practicable way to attach the child restraint on the vehicle seat, Federal regulations require special lower anchorages in vehicles and devices on new child restraints to attach to the vehicle anchorages.

In the United States, the combination of the tether anchorages and the lower anchorages is now generally called the LATCH system for "**L**ower **A**nchorages and **T**ethers for **Ch**ildren". In Canada, the terms "top tether" with "lower universal anchorages" (or "lower universal anchorage bars") are used to describe the system.

In other countries the term "ISOFIX" is used to describe the lower anchorages.

Forward-facing child restraints manufactured after September 1, 1999, are required by U.S. federal regulations to comply with new child head movement performance requirements. These new performance requirements make a tether necessary on most new child seats.

Installing a child restraint that requires a top tether without one can seriously impair the performance of the child restraint and its ability to protect the child in a collision. Installing a child restraint that requires a top tether without the top tether may be a violation of state law.

Child restraint manufacturers offer LATCH lower anchorages on their child seats with hook-on or push-on connectors attached to adjustable straps.

In addition to the LATCH lower anchorages, these child restraint systems usually require the use of tether straps to help keep the child restraint firmly in place.

Some child restraints may require both the LATCH lower anchorages as well as the vehicle safety belt for proper installation. This concurrent use is allowed as long as it does not interfere with either attachment system or the adjoining seating positions' vehicle safety belts, if so applicable.

WARNING

Improper installation of child restraints will increase the risk of injury and death in a crash.

- Always follow the instructions provided by the manufacturer of the child restraint you intend to install in your vehicle.
- Never install a child restraint without a properly attached top tether strap if the child restraint manufacturer's instructions require the top tether strap to be used.
- Improper use of child restraint LATCH lower anchorage points can lead to injury in a collision. The LATCH lower anchorage points are ▶

designed to withstand only those loads imposed by correctly fitted child restraints.
– Never mount two child restraint systems on one LATCH lower anchorage point.
– Never secure or attach any luggage or other item to the LATCH lower anchorages.

Location

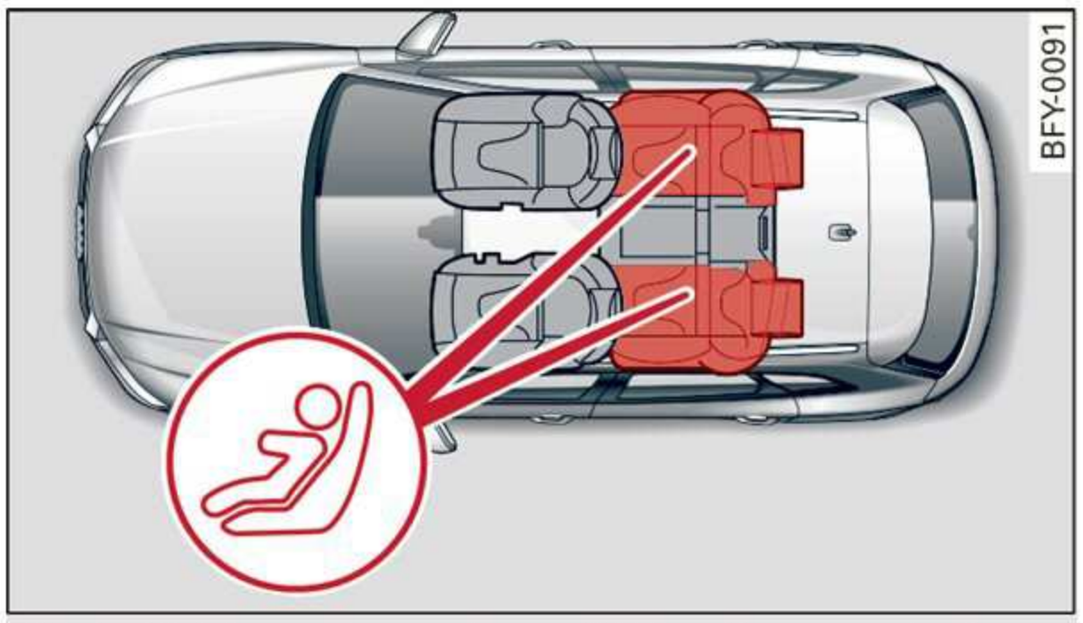


Fig. 248 Schematic overview: LATCH anchorage point locations

The illustration shows the seating locations in your vehicle which are equipped with the lower anchorages system.

Description

The lower anchorage positions are marked for quick locating.



Fig. 249 Rear seats: lower anchorage covers



Fig. 250 Rear seats: lower anchorage bracket locations

Lower anchorages

The lower anchorage attachment points are located between the rear seatback and rear seat cushion ⇨ *fig. 249*, ⇨ *fig. 250*.

Lower anchorages secure the child restraint in the seat without using the vehicle's safety belts. Anchorages provide a secure and easy-to-use attachment and minimize the possibility of improper child restraint installation.

All child restraints manufactured after September 1, 2002, must have lower anchorage attachments for the *LATCH* system.

Remember that the lower anchorage points are only intended for installation and attachment of child restraints specifically certified for use with *LATCH* lower anchorages. Child restraints that are not equipped with the lower anchorage attachments can still be installed in compliance with the child restraint manufacturer's instructions on using vehicle safety belts.

WARNING

Improper use of LATCH lower anchorages can cause serious personal injury in an accident.
– Always carefully follow the child restraints manufacturer's instructions for proper installation of the child restraint and proper use of the lower anchorages or safety belts in your vehicle.
– Never secure or attach any luggage or other items to the *LATCH* lower anchorages.
– Always read and heed the important information about child restraints in this chapter and WARNINGS ⇨ *page 303, Child safety*.

Installing a child restraint with LATCH lower anchorages

Whenever you install a child restraint always follow the child restraint manufacturer's instructions.

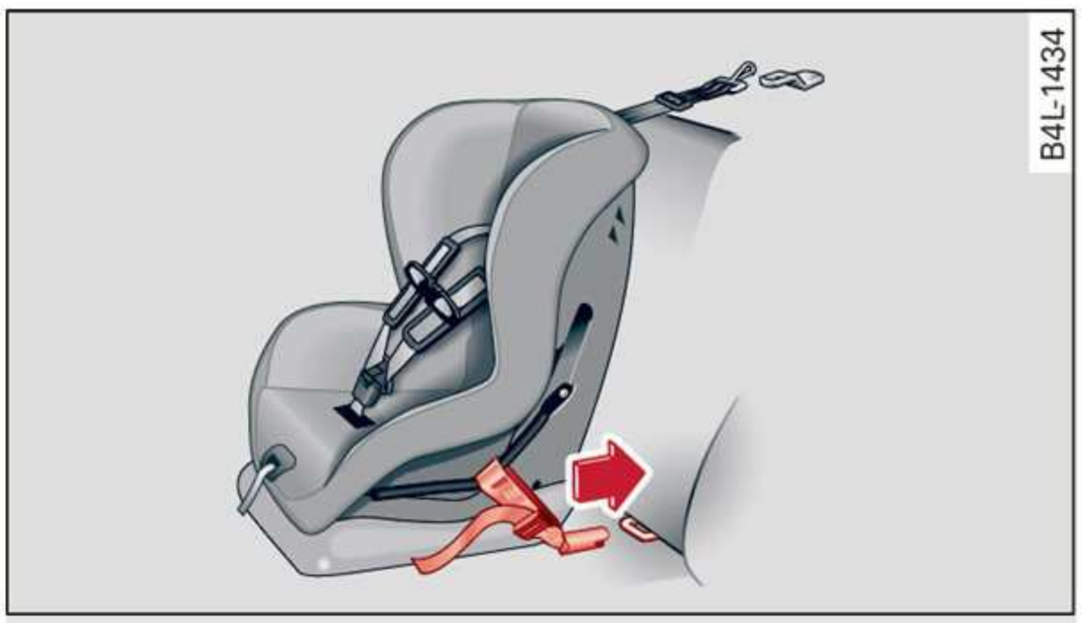


Fig. 251 Lower anchorages: proper mounting

Mounting

- ► Make sure the seatback of the rear seat bench is in the upright position and securely latched in place.
- ► Remove the covers to access the lower anchorage brackets.
- ► Attach both hook-on connectors with the spring catch release on the child safety seat onto the LATCH lower anchorage so that the connectors lock into place ⇨ *fig. 251*.
- ► Pull on the connector attachments to make sure they are properly attached to the LATCH lower anchorage.
- ► Pull straps tight following the child restraint manufacturer's instructions.

Releasing

- ► Loosen the tension on the straps following the child restraint manufacturer's instructions.
- ► Depress the spring catches to release the anchorage hooks from the lower anchorages.

Remember: Use tether straps to help keep the child restraint firmly in place.

WARNING

Improper use of the LATCH system can increase the risk of serious personal injury and death in an accident.

– These anchors were developed only for child safety seats using the “LATCH” system.
– Never attach other child safety seats, belts or other objects to these anchors.
– Always make sure that you hear a click when latching the seat in place. If you do not hear a click the seat is not secure and could fly forward and hit the interior of the vehicle, or be ejected from the vehicle.

WARNING

Improper installation of child restraints will increase the risk of injury in an accident.

– Always follow the child restraint system manufacturer's instructions for proper installation of the child restraint system and proper use of tether straps as well as the lower anchorages or safety belts in your vehicle.
– Always read and heed the important information and WARNINGS about child safety and the installation of child restraint systems ⇨ *page 303, Child safety*.

Tether anchors and tether straps

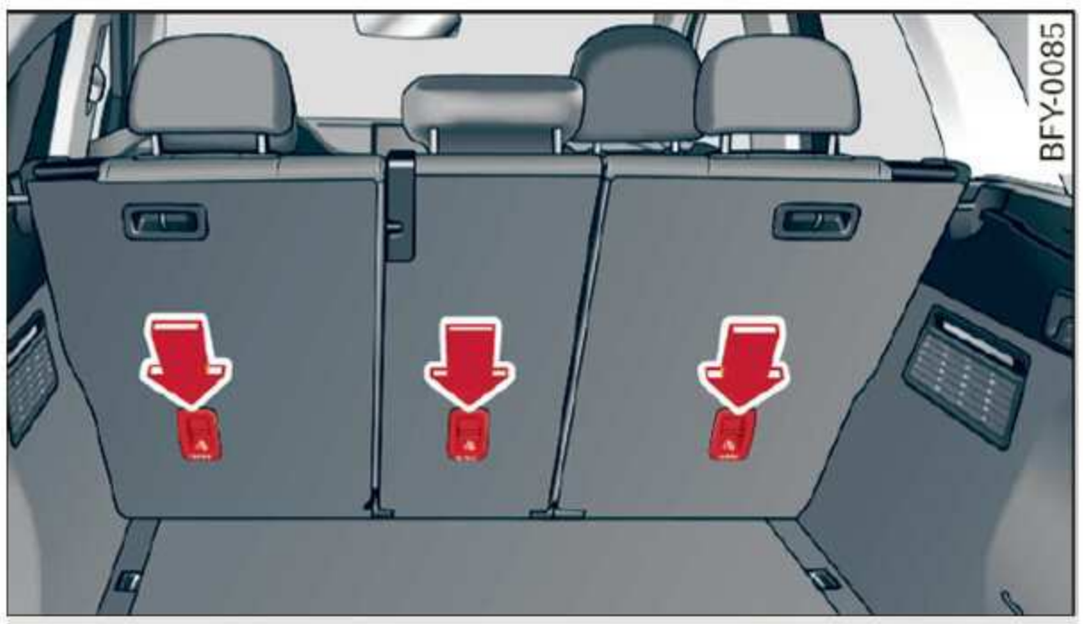


Fig. 252 Tether anchors for second row of seats: attachment hook locations

The tether anchors for the rear seating positions are located on the backside of the rear seatbacks.

A tether is a straight or V-shaped strap that attaches the top part of a child restraint to special anchorage points in the vehicle.

The purpose of the tether is to reduce the forward movement of the child restraint in a crash, in order to help reduce the risk of head injury that could be caused by striking the vehicle interior.

Forward facing child restraints manufactured after September 1, 1999, are required by U.S. ▶

federal regulations to comply with new child head movement performance requirements. These new performance requirements make a tether necessary on most new child safety seats.

WARNING

Improper installation of child restraints will increase the risk of injury and death in a crash.

- Always follow the instructions provided by the manufacturer of the child restraint you intend to install in your Audi.
- Improper use of child restraint anchors (including tether anchors) can lead to injury in a collision. The anchors are designed to withstand only those loads imposed by correctly fitted child restraints.
- Never mount two child restraint systems on one LATCH lower anchor point.
- Never attach two child restraint systems to one tether strap or tether anchorage.
- Never attach a tether strap to a tie-down hook in the luggage compartment.
- Never use child restraint tether anchorages to secure safety belts or other kinds of occupant restraints.
- Never secure or attach any luggage or other items to the LATCH lower anchorages or to the tether anchors.

Installing the upper tether strap on the anchorage

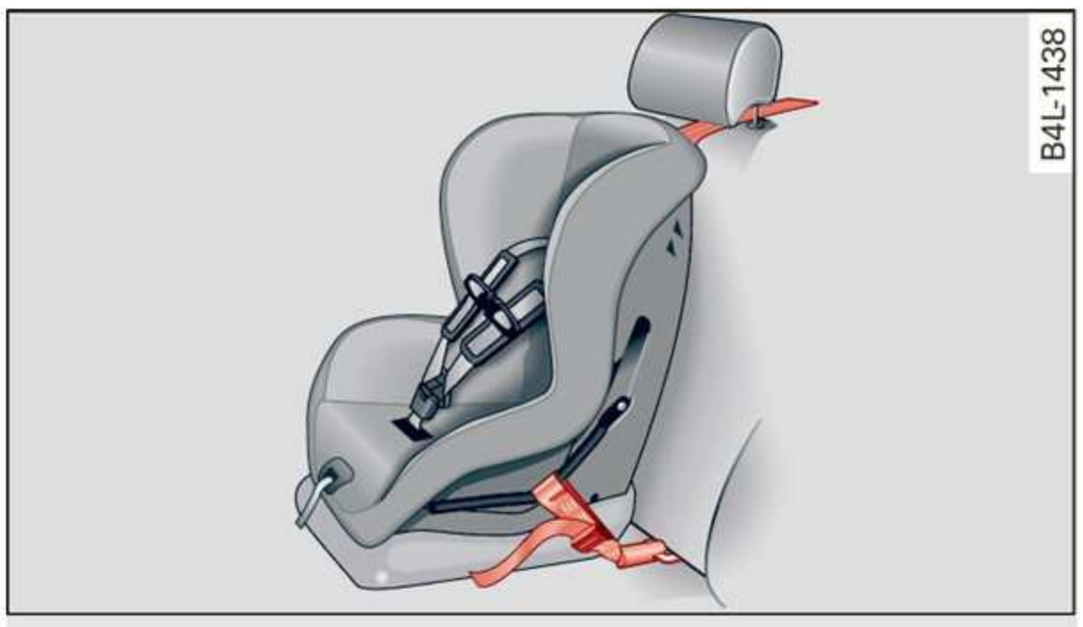


Fig. 253 Tether strap: proper routing and mounting

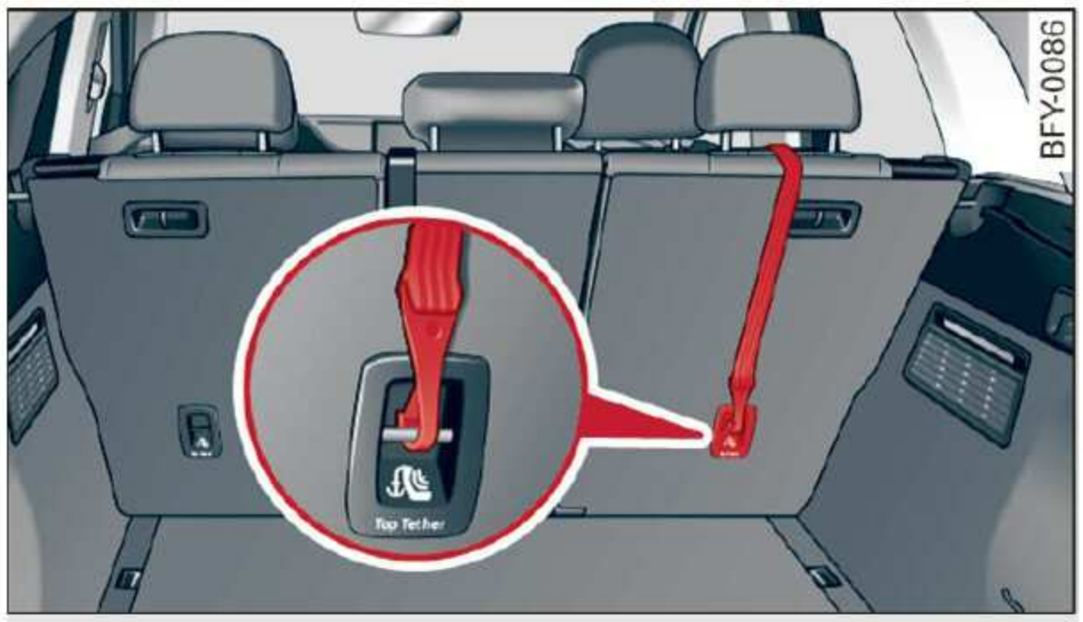


Fig. 254 Tether strap: proper routing and mounting

Installing the tether strap

- ▸ Release or deploy the tether strap on the child restraint according to the child restraint manufacturer's instructions.
- ▸ Guide the upper tether strap **under** the rear head restraint and into the rear cargo area (raise the head restraint if necessary). For child restraints with V-tether straps, always make sure that the head restraint guide rods do not interfere with any part of the top tether strap.
- ▸ Slide the tether strap hook over the anchor bracket.
- ▸ Pull on the tether strap hook so that the spring catch of the hook engages.
- ▸ Tighten the tether strap firmly following the child restraint manufacturer's instructions.

Releasing the tether strap

- ▸ Loosen the tension following the child restraint manufacturer’s instructions.
- ▸ Depress the spring catch on the hook and release it from the anchorage.

Note

If you leave the child restraint with the tether strap firmly installed for several days, this could leave a mark on the upholstery on the seat cushion and backrest in the area where the tether strap was installed. The upholstery would also be permanently stretched around the tether strap. This applies especially to leather seats.

Using tether straps on rearward-facing child restraints

Currently, few rear-facing child restraint systems come with a tether. Please read and heed the child restraint system manufacturer's instructions carefully to determine how to properly install the tether.

WARNING

A child in a rearward-facing child safety seat installed on the front passenger seat will be seriously injured and can be killed if the front airbag inflates – even with an Advanced Airbag System.

- The inflating airbag will hit the child safety seat or infant carrier with great force and will smash the child safety seat and child against the backrest, center armrest, or door.
- If you must install a rearward facing child safety seat on the front passenger seat because of exceptional circumstances and the **PASSENGER AIR BAG OFF** light does not come on and stay on, immediately install the rear-facing child safety seat in a rear seating position and have the airbag system inspected by your Audi dealer.

Additional information

Sources of information about child restraints and their use

There are a number of sources of additional information about child restraint selection, installation and use:

NHTSA advises that the best child safety seat is the one that fits your child and fits in your vehicle, and that you will use correctly and consistently.

Try before you buy!

U.S. National Highway Traffic Safety Administration
Tel.: 1-888-327-4236 (TTY: 1-800-424-9153)
http://www.nhtsa.gov
http://www.safercar.gov

National SAFE KIDS Campaign
Tel.: (202) 662-0600
http://www.safekids.org

Safety BeltSafe U.S.A.
Tel.: (800) 745-SAFE (English)
Tel.: (800) 747-SANO (Spanish)
http://www.carseat.org

Transport Canada Information Centre
Tel.: 1-800-333-0371 or call 1-613-998-8616 if you are in the Ottawa area
http://www.tc.gc.ca/eng/roadsafety/menu.htm

Audi Customer Experience Center
Tel.: (800) 822-2834

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Checking and Filling

Fuel

Types of gasoline

The correct gasoline grade is stated on the inside of the fuel filler door.

The vehicle is equipped with a catalytic converter and must only be driven with **unleaded gasoline**.

Audi recommends using TOP TIER Detergent Gasoline. For additional information on TOP TIER Detergent Gasoline, visit www.toptiergas.com.

The individual gasoline grades are differentiated by **octane ratings**. This value is given with (R +M)/2 equating to AKI or in RON.

The headings below match the sticker in the fuel filler door (examples):

UNLEADED FUEL ONLY MIN. (R+M)/2 87 Regular / MIN. RON 91 Regular

Use regular gasoline with minimum 87 AKI / 91 RON ⇨ (!).

Audi recommends using premium gasoline with minimum 91 AKI / 95 RON to achieve the rated horsepower and torque.

UNLEADED FUEL ONLY PREMIUM MIN. (R +M)/2 91 / SUPER MIN. RON 95

Using premium gasoline with minimum 91 AKI / 95 RON is recommended.

If premium gasoline is not available, you can also use regular gasoline 87 AKI / 91 RON. However this does reduce the engine power slightly.

Note

– Filling the tank just one time with leaded fuel or other metallic additives will cause permanent deterioration to the catalytic converter function.
– When gasoline with an octane rating that is too low is used, high speeds or heavy engine load can lead to engine damage.

Tips

The vehicle may be filled with fuel that has a higher octane rating than what is required by the engine.

Gasoline mixture

Gasoline with alcohol or MTBE (Methyl-Tert-Butyl-Ether)

You can use unleaded gasoline mixed with alcohol or MTBE (generally labeled as oxygenated compounds) as long as the fuel meets the following conditions:

Gasoline with methanol content (methyl alcohol or methanol)

– Anti-Knock Index is at least 87 AKI
– No more than 3% methanol
– More than 2% solvent

Gasoline with ethanol content (ethyl alcohol or ethanol)

– Anti-Knock Index is at least 87 AKI
– No more than 15% ethanol

Gasoline with MTBE content

– Anti-Knock Index is at least 87 AKI
– No more than 15% MTBE

Gasoline adapted to the season

Many gasoline fuels are adapted to the seasons. When the season changes, we recommend refueling at high-traffic gas stations. It is more likely that the gasoline will be suitable for the season there.

Note

– Gasoline with methanol content that does not meet the specified conditions may cause corrosion damage and damage to plastic or rubber components in the fuel system.
– Do not use gasoline that does not meet the specifications.
– If you are unable to find out if a specific gasoline mixture meets the specifications, ask the gas station operator or their fuel supplier.

– Do not use any gasoline mixture whose composition cannot be identified.
– Audi does not assume any responsibility for damage to the fuel system or for performance problems caused by using gasoline mixtures different from those specified. This type of damage also does not fall under the New Vehicle Limited Warranty or under the emissions control system warranty.
– If you notice a higher fuel consumption or poor handling or performance problems due to such gasoline mixtures, we recommend fueling with unblended gasoline.

Gasoline additives

An important issue for many automobile manufacturers is combustion residue in the engine that results from the use of certain fuels.

Although types of gasoline differ depending on the manufacturer, there are similarities. Certain substances in the gasoline may cause deposits in the engine. Additives in the gasoline that should keep the engine and fuel system clean do not all function equally.

Audi recommends using TOP TIER Detergent Gasoline. For additional information on TOP TIER Detergent Gasoline, visit www.toptiergas.com.

If you use incorrect fuels over a long period of time, the maximum engine performance may be impaired by combustion residue.

Note

– Damage or malfunctions caused by the use of incorrect types of gasoline are not covered by the New Vehicle Limited Warranty.
– Only gasoline additives that have been approved by Audi may be used.

Refueling

Fueling procedure

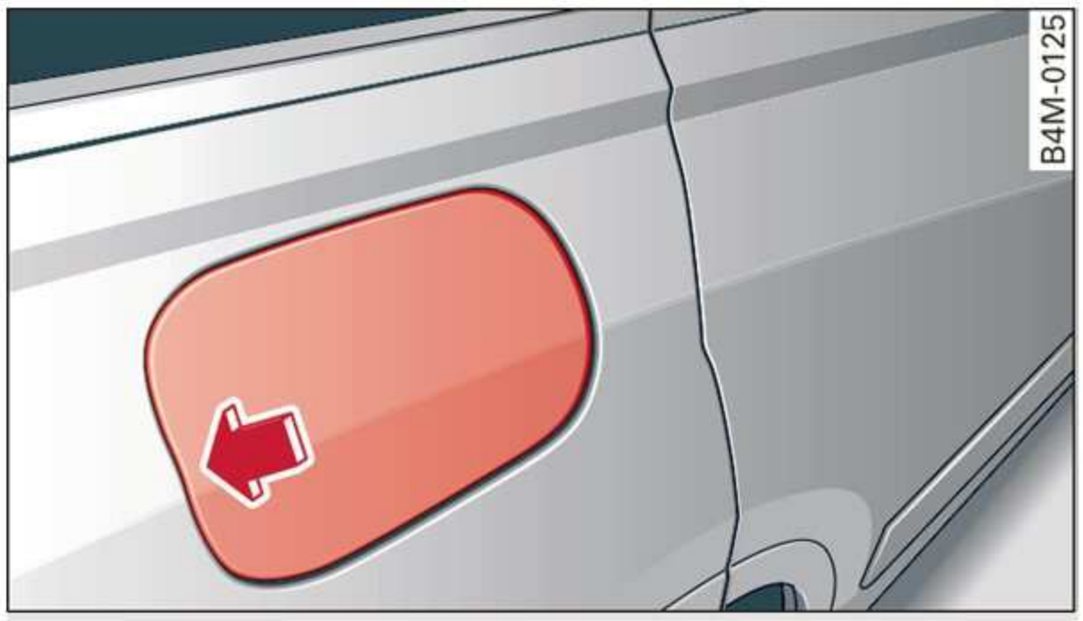


Fig. 255 Right rear side of the vehicle: opening the fuel filler door



Fig. 256 Fuel filler door with attached fuel cap

The fuel filler door is unlocked or locked by the central locking system.

- ▸ Unlock the vehicle if necessary.
- ▸ Conventional drive system: Press on the left side of the fuel filler door to open it ⇨ *fig. 255*.
- ▸ Plug-in hybrid drive: Pull the button in the driver's door. The fuel filler door will open automatically after venting is complete.
- ▸ Unscrew the tank cap counterclockwise.
- ▸ Place the cap from above on the open fuel filler door ⇨ *fig. 256*.
- ▸ Plug-in hybrid drive: note the information for refueling at the end of this chapter.
- ▸ Insert the fuel pump nozzle all the way into the fuel filler neck.
- ▸ Begin fueling. Once the fuel pump nozzle turns off the first time, the fuel tank is full. Do not continue fueling, or else the expansion space in the tank will be filled with fuel.
- ▸ After the fuel pump has switched off, wait five seconds before removing the nozzle to allow ▶

the rest of the fuel to finish dripping into the fuel tank.

- ▸ Turn the fuel cap clockwise until it clicks into place.
- ▸ Close the fuel filler door and then press on the left side until it latches.

The correct fuel type for your vehicle can be found on a label located on the inside of the fuel filler door. For additional information on fuel, see ⇨ *page 322*.

For the tank capacity in your vehicle, refer to the Technical Data ⇨ *page 393*.

To reduce the risk of fuel leaking out or vapors escaping, make sure that the fuel tank is closed correctly. Otherwise the [1)] indicator light will turn on.

If the central locking system malfunctions, there is a fuel filler door emergency release ⇨ *page 325*.

Messages

Tank system: malfunction! Please contact Service

There is a malfunction in the fuel tank system. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Plug-in hybrid drive

Fuel filler door: malfunction! Unlock fuel filler door manually. See owner's manual

There is a malfunction. You must manually unlock the fuel filler door ⇨ *page 325*.

Plug-in hybrid drive

Warning! Vehicle performance may be limited

The fuel tank is almost empty. You must anticipate a significant power loss. Refuel immediately.

Plug-in hybrid drive

Fuel filler door open. Please press button again to refuel

Fueling is possible for a little while after pressing the button. You must press the button again if this time is exceeded.

WARNING

Improper fueling procedures and improper handling of fuel can lead to explosions, fires, severe burns, and other injuries.

- – Do not smoke. Keep away from open flames.
- – The ignition must be switched off when refueling.
- – Mobile devices, radio devices, and other radio equipment should always be switched off when refueling. Electromagnetic rays could cause sparks and start a fire.
- – If you do not insert the fuel pump nozzle all the way into the filler tube, then fuel can leak out. Spilled fuel can ignite and start a fire.
- – Never get into the vehicle when refueling. If there is an exceptional situation where you must enter the vehicle, close the door and touch a metal surface before touching the fuel pump nozzle again. This will reduce the risk of electrostatic discharge that can cause flying sparks. Sparks can start a fire when refueling.

WARNING

Transporting fuel containers inside the vehicle is not recommended. Fuel could leak out of the container and ignite, especially during an accident. This can cause explosions, fires, and injuries.

- – If you must transport fuel in a fuel container, note the following:
  - – Always place the fuel container on the ground before filling. Never fill the fuel container with fuel while it is inside or on the vehicle. Electrostatic discharge can occur while refueling and the fuel vapors could ignite. ▶

1) Depending on the engine and country

– When using fuel containers made of metal, the fuel pump nozzle must always remain in contact with the container to reduce the risk of static charge.
– Insert the fuel pump nozzle as far as possible into the filler opening while refueling.
– Follow the applicable legal regulations in the country where you are driving when using, storing and transporting fuel containers.
– Make sure that the fuel container meets the industry standards, for example ANSI or ASTM F852-86.

Note

– Remove fuel that has overflowed onto any vehicle components immediately to reduce the risk of damage to the vehicle.
– Never drive until the fuel tank is completely empty. The irregular supply of fuel that results from that can cause engine misfires. Uncombusted fuel may enter the exhaust system and increase the risk of damage to the catalytic converter.

For the sake of the environment

– Do not overfill the fuel tank, or fuel could leak out when the vehicle is warming up.
– Fuel should never enter the sewer system or come into contact with the ground.

Tips

The fuel filler door on your vehicle does not lock if you lock the vehicle from the inside using the central locking switch.

Tips

Applies to: vehicles with plug-in hybrid drive

– When inserting the fuel pump nozzle, make sure that you do not press on the fuel filler door opener ① with the fuel pump nozzle. See the label in the fuel filler door ② ⇨ *fig. 256*. Otherwise, a valve will close in the fuel filler neck and fueling will stop even if the tank is not full.
– You must vent the tank system again if you press on the fuel filler door opener. The fuel pump nozzle can stay in the fuel filler neck when doing this. Vent the tank system by pulling the switch in the driver's door again.
– If the engine turned off because the fuel level was too low, then you may need to refuel with up to 4.0 gallons (15 liters) of fuel in order for the vehicle to detect the new fuel level. Otherwise, the engine may not restart.
– Fuel can age and may lead to problems when starting. Audi recommends replacing the fuel in your vehicle within six months.

Fuel filler door emergency release

If the central locking system malfunctions, the fuel filler door can be unlocked manually.

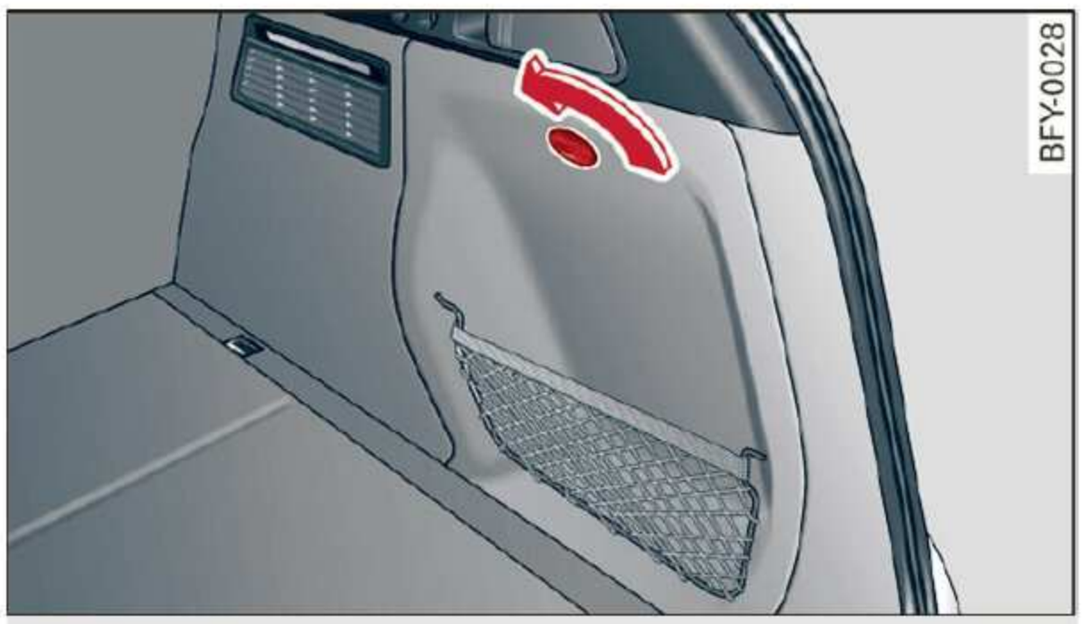


Fig. 257 Right side trim panel in the luggage compartment: opening the trim panel

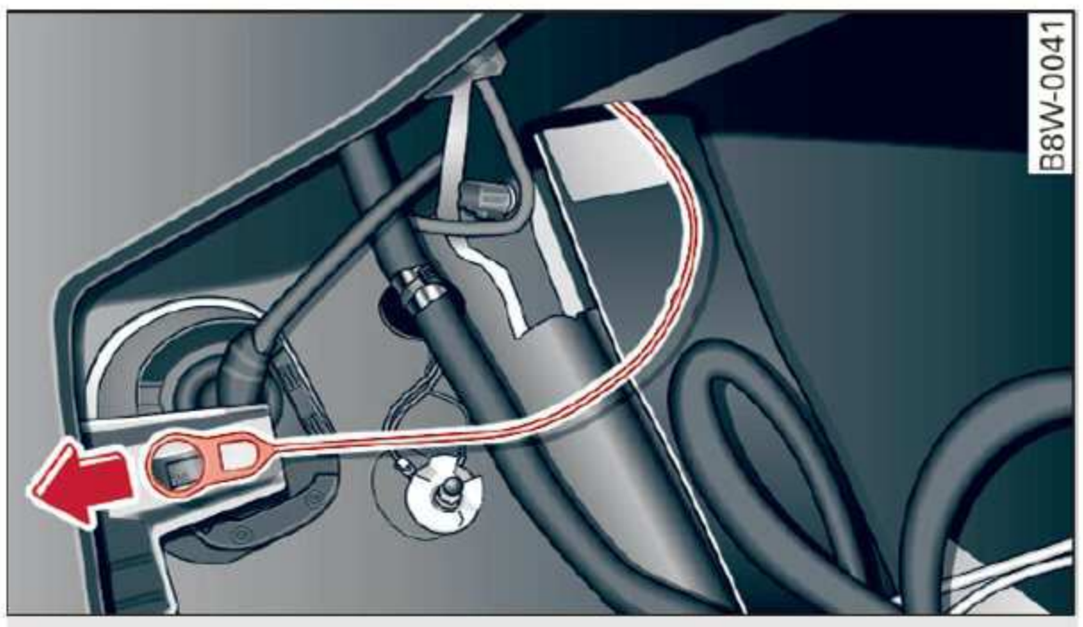


Fig. 258 Luggage compartment: fuel filler door emergency release

The emergency opening mechanism is located behind the right side trim panel in the luggage compartment.

► Open the cover in the side panel ⇨ *fig. 257*. ▶

- ▸ To unlock the fuel filler door, loosen the loop from the retainer and then pull on the loop carefully ⇨ *fig. 258* ⇨ (!).
- ▸ Press on the left side of the fuel filler door to open it ⇨ *page 323, fig. 255*.

(!) Note

Only pull on the loop until you feel resistance. You will not hear it release. If you continue to pull, you could damage the emergency release mechanism.

(i) Tips

Applies to: vehicles with plug-in hybrid drive

– The tank will not be vented if the emergency release function was used on the fuel filler door. You can only fill a small amount of fuel in the tank. Fill only until the fuel pump nozzle turns off for the first time. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.
– Pressure can escape if you open the tank cap after using the emergency release. This can create noises.

Emissions control system

General information

⚠ WARNING

The temperature of the exhaust system is high, both when driving and after stopping the engine.

– Never touch the exhaust tail pipes once they have become hot. This could result in burns.
– Do not park your vehicle over flammable materials such as grass or leaves because the high temperature of the emissions system could start a fire.
– Do not apply underbody protectant in the exhaust system area, because this increases the risk of fire.

Catalytic converter

Follow the safety precautions ⇨ *page 326, General information*.

The vehicle may only be driven with unleaded gasoline, or the catalytic converter will be destroyed.

Never drive until the tank is completely empty. The irregular supply of fuel that results from that can cause engine misfires. Uncombusted fuel could enter the exhaust system, which could cause overheating and damage to the catalytic converter.

On Board Diagnostic System (OBD)

The On Board Diagnostic System monitors the engine and transmission components that influence emissions.



Fig. 259 Footwell on left side of the vehicle: connection port for the On Board Diagnostic System (OBD)

On Board Diagnostic System

Engine data can be read out at the On Board Diagnostic System connection port using a special testing device ⇨ *fig. 259*.

Indicator light

If the indicator light blinks or turns on, there is a malfunction that is causing poor emissions quality and that could damage the catalytic converter. Drive slowly to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction corrected.

The indicator light can also turn on if the fuel filler cap is not closed correctly ⇨ *page 323*[1)]. ▶

1) Depending on the engine and country

WARNING

Incorrect use of the connection port for the On Board Diagnostic System can cause malfunctions, which can then result in accidents and serious injuries.

– Only allow an authorized Audi dealer or authorized Audi Service Facility to read out the engine data.

Engine compartment

General information

Special care is required if you are working in the engine compartment

For work in the engine compartment, such as checking and filling fluids, there is a risk of injury, scalding, accidents, and burns. For this reason, follow all the warnings and general safety precautions provided in the following information. The engine compartment is a dangerous area. ⇨ ⚠.

WARNING

– Turn the engine off.
– Switch the ignition off.
– Set the parking brake.
– Select the “P” (Park) selector lever position.
– Allow the engine to cool.
– Keep children away from the engine compartment.
– Never spill fluids on a hot engine. These fluids (such as the anti-freezing agent contained in the coolant) can ignite.
– Avoid short circuits in the electrical system.
– Never reach into the radiator fan. The fan is temperature-controlled and can turn on suddenly, even when the ignition is switched off.
– Never open the hood when there is steam or coolant escaping from the engine compartment, because there is a risk that you could be burned. Wait until no steam or coolant is escaping.
– Never open the cap on the coolant expansion tank when the engine is warm. The cooling system is under pressure.
– To protect your face, hands, and arms from hot steam or coolant, cover the cap with a thick cloth when opening.
– Do not remove the engine cover under any circumstances. This increases the risk of burns.
– Due to the risk of electric shock, never touch the ignition cable or other components in the electronic high-voltage ignition system when the engine is running or is starting.
– If a gear is engaged while the vehicle is stationary and the engine is running, do not press the accelerator pedal inadvertently. Pressing the accelerator pedal will cause the vehicle to move, and this could result in an accident.
– If inspections or repairs must be performed while the engine is running, moving components (such as the ribbed belt, generator, and radiator fan) pose an additional risk.
  – Set the parking brake first and select the “P” (Park) selector lever position.
  – Always make sure that no parts of the body, jewelry, ties, loose clothing, and long hair can be caught in moving engine components. Before any work, always remove any jewelry and/or ties, tie back long hair, and make sure all clothing fits close to the body to reduce the risk of anything becoming caught in engine components.
– Pay attention to the following warnings when work on the fuel system is required:
  – Do not smoke.
  – Never work near open flames.
  – Always have a working fire extinguisher nearby.
– All work on the battery or electrical system in your vehicle can result in injuries, chemical burns, accidents, or burns. Because of this, all work must be performed **only** by an authorized Audi dealer or authorized Audi Service Facility.
– Limit your exposure to exhaust and chemicals to as short a time as possible.

WARNING

California Proposition 65 Warning: ▶

80A012721BJ

– Engine exhaust, some of its constituents, and certain vehicle components 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, chemicals known to the State of California to cause cancer and reproductive harms. Wash hands after handling.

Note

When filling fluids, be sure not to add any fluids to the wrong reservoirs. Otherwise severe malfunctions and engine damage will occur.

For the sake of the environment

You should regularly check the ground under your vehicle in order to detect leaks quickly. If there are visible spots from oil or other fluids, bring your vehicle to an authorized Audi dealer or authorized Audi Service Facility to be checked.

Opening and closing the hood

The hood is released from inside the vehicle.



Fig. 260 Driver footwell: release lever

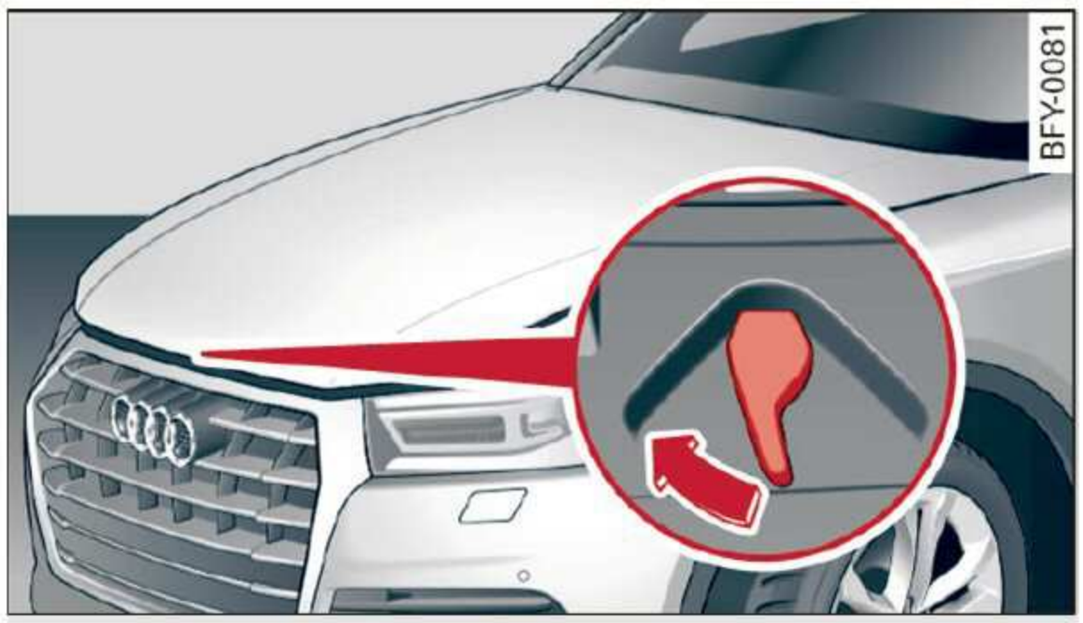


Fig. 261 Unlocked hood: lever

Make sure the wiper arms are not raised up from the windshield. Otherwise the paint could be damaged.

Opening the hood

- Plug-in hybrid drive: switch the ignition off before releasing the hood so that the gasoline engine does not start automatically.
- With the door open, pull the lever [1] below the instrument panel in the direction of the arrow ⇨ *fig. 260*.
- Raise the hood slightly ⇨ ⚠.
- Press the lever ⇨ *fig. 261* in the direction of the arrow. This releases the hooks.
- Open the hood.

Closing the hood

- Push the hood down until you override the force of the struts.
- Let the hood fall lightly into the latch. *Do not press it in.* ⇨ ⚠.

Message

Warning! Hood is not locked. Stop vehicle and check the lock

The hood latch is not locked correctly. Stop immediately and close the hood.

WARNING

– Never open the hood when there is steam or coolant escaping from the engine compartment, because there is a risk that you could be burned. Wait until no steam or coolant is escaping.

[1] The symbol on the lever was still being designed at the time this manual was printed.

– For safety reasons, the hood must always be latched securely while driving. Because of this, always check the hood after closing it to make sure it is latched correctly. The hood is latched if the front corners cannot be lifted.
– If you notice that the hood is not latched while you are driving, stop immediately and close it, because driving when the hood is not latched increases the risk of an accident.
– If the hood is not latched completely, it could fly up while you are driving and obstruct your vision.

Engine compartment overview

The most important check points.

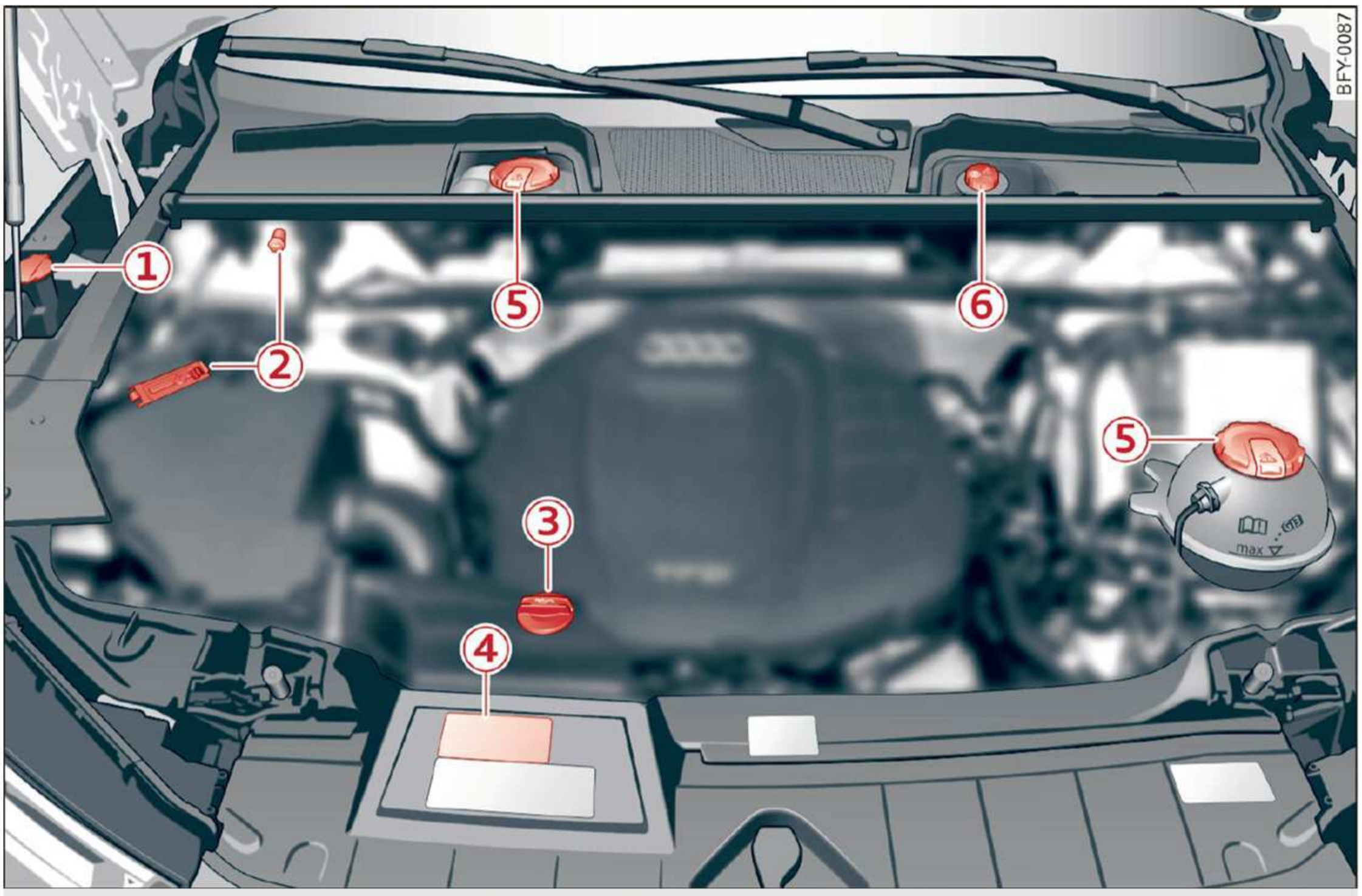


Fig. 262 Typical location of the reservoir and the engine oil filler opening

Follow the safety precautions ⇨ *page 327*.

① Washer fluid reservoir (🚿) ⇨ *page 339*
② Jump start points: (+) under a cover, (-) with hex head screw ⇨ *page 338* ⇨ *page 373*
③ Engine oil filler opening (🛢) ⇨ *page 331*
④ Sticker* for engine oil specifications ⇨ *page 329*
⑤ Coolant expansion tank (🌡) ⇨ *page 334*
⑥ Brake fluid reservoir (🛞) ⇨ *page 335*

The coolant expansion tank and the engine oil filling opening may be located in different places within the engine compartment, depending on the engine version.

Engine oil

If the engine oil level is too low

If you need to add engine oil, use an oil that is listed on the sticker. The sticker is located at the front of the engine compartment ⇨ *page 329, fig. 262*. ▶

If the recommended engine oil is not available, **in an emergency** you may add a maximum of 1 quart (1 liter) of ACEA C3 or API SN engine oil **one time** until the next oil change.

For more information on the correct engine oil for your vehicle, contact an authorized Audi dealer or authorized Audi Service Facility. Have the oil changed by an authorized Audi dealer or authorized Service Facility.

Audi recommends Castrol EDGE Professional
Audi recommends using the LongLife high-performance engine oil from Audi Genuine Parts.

Messages

Engine oil pressure

Turn off engine. Oil pressure too low

Stop driving and switch the engine off. Check the engine oil level ⇨ *page 331*.

– If the engine oil level is too low, add engine oil ⇨ *page 331*. Only continue driving once the indicator light turns off.
– If the engine oil level is correct and the indicator light still turns on, turn the engine off and do not continue driving. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Engine oil level

Applies to: vehicles with oil level warning

Please add oil immediately.

Stop the engine and do not continue driving. Check the engine oil level ⇨ *page 331* and add engine oil immediately ⇨ *page 331*.

Please add max. x qt (x l) oil. You can continue driving

Add the amount of oil shown immediately ⇨ *page 331*.

Reducing the oil level

Please reduce oil level.

There is too much oil in the engine and there is a risk of damaging the catalytic converter or engine. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have engine oil extracted if necessary. Avoid high engine speeds, full acceleration, and heavy engine loads.

Engine oil sensor

Oil level sensor: oil change necessary. Please contact Service

Fuel has entered the engine oil. This will cause the engine oil level to rise slowly and the engine oil quality to decrease. Do not extract engine oil to reduce the level, because this will increase the risk of engine damage. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have engine oil extracted.

Oil level system: malfunction! Please contact Service

The sensor that checks the engine oil level has malfunctioned. Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Oil pressure sensor: malfunction! Please contact Service

The sensor that checks the engine oil pressure has malfunctioned. Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

Engine warm-up request

Please drive to warm up engine

Fuel has entered the engine oil, either due to low outside temperatures or frequent short drives. Drive until the engine is warm so that the fuel in the engine oil will evaporate. Avoid high engine speeds, full accelerating, and heavy engine loads when doing this.

Tips

The oil pressure warning is not an oil level indicator. Always check the oil level regularly.

Checking the engine oil level

The engine oil level can be checked in the Infotainment system

Observe the safety precautions ⇨ ⚠ *in General information on page 327*.

- ▸ Park the vehicle on a level surface.
- ▸ Shut the engine off when it is warm.
- ▸ Switch only the ignition back on.
- ▸ Wait approximately two minutes.
- ▸ Select in the Infotainment system: the MENU button > **Vehicle** > left control button > **Service & checks** > **Oil level**.
- ▸ Read the oil level in the display. Add engine oil if the bar in the oil level indicator is just below "min" ⇨ *page 331*.

Note

If the engine oil level is too low or too high, there is a risk of engine damage.

Tips

The oil level indicator in the display is only an informational display. If the oil level is too low, a minimum oil warning appears in the instrument cluster. Add oil and close the hood. The current oil level is displayed in the Infotainment system the next time the ignition is switched on.

Tips

The engine oil consumption may be up to 0.5 quart/600 miles (0.5 liter/1,000 km), depending on driving style and operating conditions. Consumption may be higher during the first 3,000 miles (5,000 km). The engine oil level must be checked regularly. It is best to check each time you refuel your vehicle and before long drives.

– Because of the lubrication and cooling of the engine, combustion engines consume oil. The oil consumption varies depending on the engine and may change during the service life of the engine. Engines generally consume more oil at the beginning during the break-in period. Then oil consumption stabilizes after the break-in period.
– Under normal conditions, oil consumption depends on the quality and viscosity of the oil, the engine RPM, the climate conditions, and the road conditions. The dilution of oil from condensation or fuel residue as well as the age of the oil also play a role. Because engine wear increases with mileage, oil consumption will increase again over time until it may be necessary to replace worn components.
– Because all these variables play a role, it is not possible to define an oil consumption standard. Therefore, the oil level must be checked regularly.
– If you believe that your engine has increased its oil consumption, contact an authorized Audi dealer or authorized Audi Service Facility to determine the cause. Please note that an exact oil consumption measurement must be done with the necessary care and accuracy and may take time. An authorized Audi dealer or authorized Audi Service Facility is trained in accurately measuring the oil consumption.
– You can find information on engine oil and engine oil capacities for the USA at www.audiusa.com/help/maintenance, or for Canada at www.audi.ca/ca/web/en/customer-area/care-and-maintenance/audi-service-schedules.html, or call 800-822-2834.

Adding engine oil



Fig. 263 Engine compartment: cap for engine oil filling opening

Observe the safety precautions ⇨ ⚠ *in General information on page 327*. ▶

- ▸ Turn the engine off.
- ▸ Open the hood ⇨ *page 328*.
- ▸ Unscrew the cap for the engine oil filler opening ⇨ *fig. 263*.
- ▸ Carefully add 0.5 quart (0.5 liter) of the correct oil ⇨ *page 329*.
- ▸ Close the engine oil filler opening cap.
- ▸ Close the hood ⇨ *page 328*.
- ▸ Restart the ignition after two minutes and read the current oil level in the Infotainment system ⇨ *page 331, Checking the engine oil level*.
- ▸ Add more oil if necessary.

WARNING

- – When adding oil, do not let oil drip onto hot engine components. This increases the risk of a fire.
- – You must seal the cap on the oil filler opening correctly so that oil does not leak out onto the hot engine and exhaust system when the engine is running, because this is a fire hazard.
- – Always clean skin thoroughly if it comes into contact with engine oil.
- – Engine oil is poisonous and must be kept out of reach of children.
- – Store the engine oil securely in the original container.

Note

- – The New Vehicle Limited Warranty does not cover damage or malfunctions if the recommended intended use of the vehicle and maintenance measures listed in the Audi Owner's Manual and the Warranty & Maintenance Booklet were not followed.
- – Only use high-grade engine oil that explicitly meets the Audi oil quality standard for your vehicle. Using another oil may cause severe vehicle damage.
- – Do not mix any additives with the engine oil. Additives may cause engine damage that is not covered by your New Vehicle Limited Warranty.

For the sake of the environment

- – Oil should never enter the sewer system or come into contact with the ground.
- – Follow the legal regulations in the country where you are located when disposing of empty oil containers.

Changing engine oil

We recommend having the oil changed at an authorized Audi dealer or authorized Audi Service Facility.

Follow the safety precautions ⇨ *page 327, General information*.

The engine oil must be changed at the intervals specified in the Warranty & Maintenance Booklet. This is very important because the lubrication function of the oil gradually declines during regular vehicle operation.

The engine oil should be changed more frequently under certain circumstances. Have the oil changed more frequently if you often drive short distances, your vehicle is predominantly in stop-and-go traffic situations, is in very dusty environments, or is operated for long periods of time in temperatures below zero.

Cleansing additives in the oil make fresh oil appear darker after the engine has run briefly. This is normal and no reason to change the engine oil more frequently than recommended.

Because correctly disposing of engine oil is difficult and special tools and technical knowledge are needed for an oil change, having your engine oil changed by an authorized Audi dealer or authorized Audi Service Facility is recommended.

If you change the engine oil yourself, please note the following important information:

WARNING

If you change the engine oil on the vehicle yourself, the following precautions must be followed:

- – Wear protective eyewear.
- – Due to the risk of scalding, allow the engine to cool down sufficiently. ▸

– Maintain enough distance when you are removing the oil drain plug. While doing this, keep your forearm parallel to the ground to reduce the risk of hot oil dripping down your arm.
– Drain the oil into a container designed for this purpose that is large enough to hold the full amount of oil in your engine.
– Engine oil is poisonous. Always store out of reach of children.
– Prolonged contact of used engine oil with the skin may cause skin damage. Always wash oil off immediately with soap and water to protect your skin.

Note

Do not mix any additives with the engine oil. Additives may cause engine damage that is not covered by your New Vehicle Limited Warranty.

For the sake of the environment

– Before changing the engine oil, make sure you can dispose of the used engine oil correctly.
– Engine oil must always be disposed of correctly. Do not dump it in the yard, in the forest, or in open water, river channels, or sewers.
– Have your used engine oil recycled by bringing it to a used oil collection site or contact a gas station.

Cooling system

Coolant

The engine cooling system is filled with a mixture of purified water and coolant additive at the factory. This coolant must not be not changed.

The coolant level is monitored using the indicator light. However, occasionally checking the coolant level manually is recommended.

Messages

Turn off engine and check coolant level. See owner's manual

The coolant level is too low.

Stop driving and switch the engine off. Check the coolant level ⇨ *page 334*.

– If the coolant level is too low, add coolant ⇨ *page 334*. Only continue driving once the indicator light turns off.

Coolant temperature: too high. Let engine run while vehicle is stationary

Let the engine run at idle for a few minutes to cool off, until the indicator light turns off.

– If the indicator light does not turn off, do not continue driving the vehicle. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Plug-in hybrid drive

Electric drive: malfunction! Cooling system. Please contact Service

The coolant level is too low or the coolant temperature is too high.

Stop the vehicle in the outdoors as soon as it is safely possible. Switch the ignition off.

Check the coolant level ⇨ *page 334*.

If the coolant level is OK, the malfunction may be caused by the system overheating. Let the vehicle's electric drive system cool down for some time.

If the message turns off after cooling down and switching the ignition back on, you can continue driving. Contact an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

If the indicator light does not turn off, do not continue driving the vehicle. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Coolant additive

The coolant additive is made of anti-freezing and corrosion protection agents. Only use the following coolant additives. These additives may be mixed with each other. ▶

Coolant additive	Specification
G12evo	**TL 774 L**
G12++	TL 774 G
G13	TL 774 J

The amount of coolant additive that needs to be mixed with water depends on the climate where the vehicle will be operated. If the coolant additive percentage is too low, the coolant can freeze and damage the engine.

	Coolant additive	Freeze protection
Warm regions	min. 40% max. 45%	min. -13 °F (-25 °C)
Cold regions	min. 50% max. 55%	max. -40 °F (-40 °C)

Note

– Before the start of winter, have an authorized Audi dealer or authorized Audi Service Facility check if the coolant additive in your vehicle matches the percentage appropriate for the climate. This is especially important when driving in colder climates.
– If the appropriate coolant additive is not available in an emergency, do not add any other additive. You could damage the engine. If this happens, only use water and restore the correct mixture ratio with the specified coolant additive as soon as possible.
– Only refill with new coolant.
– Radiator sealant must not be mixed with the coolant.
– Due to the risk of engine damage, the cooling system should only be refilled by an authorized Audi dealer or authorized Audi Service Facility. An authorized Audi dealer or authorized Audi Service Facility can also provide you with important information about the recommended coolant additive.

Adding coolant

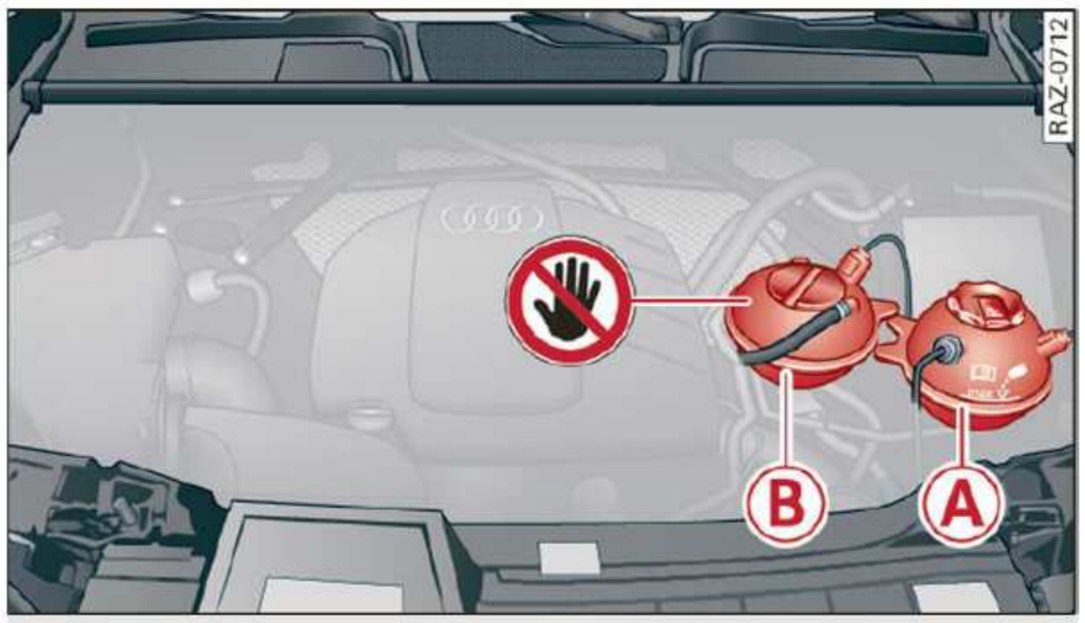


Fig. 264 -Applies to: vehicles with plug-in hybrid drive- Engine compartment: coolant expansion tank

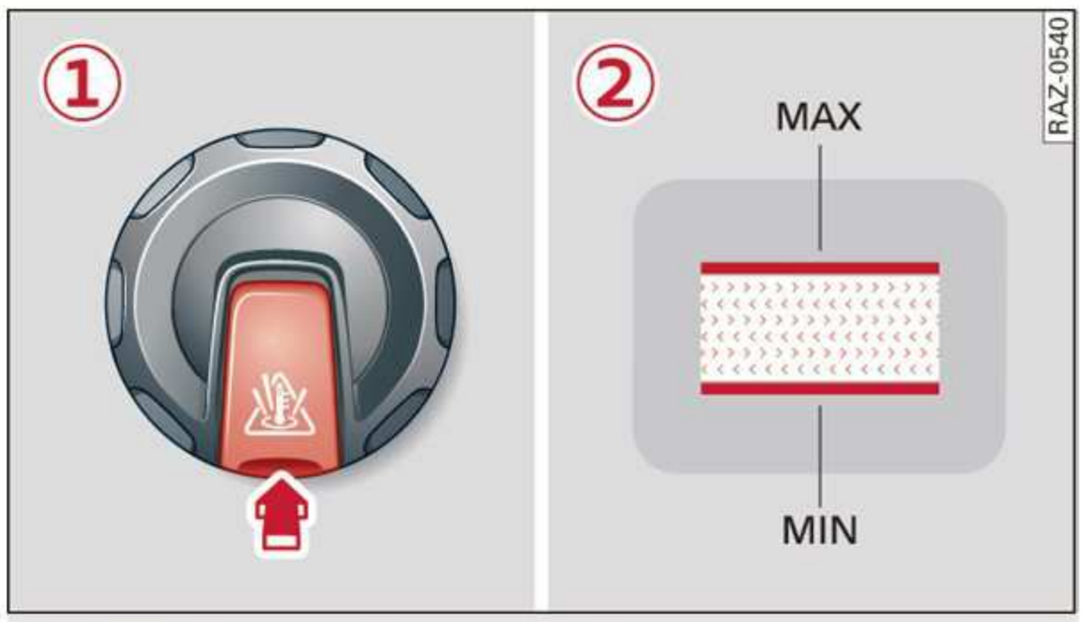


Fig. 265 Engine compartment - Coolant expansion tank (diagram): ① cover with release button; ② markings

Observe the safety precautions ⇨ *page 327, General information*.

Coolant expansion tank (vehicles with plug-in hybrid drive)

Your vehicle has two coolant expansion tanks that are separate from each other ⇨ *fig. 264*:

Ⓐ Expansion tank for gasoline engine.

Ⓑ Expansion tank for the high-voltage area. Do not drive any farther if there is not enough coolant in the expansion tank. Contact an authorized Audi dealer or authorized Audi Service Facility immediately. **The expansion tank must not be opened or filled** ⇨ ⚠.

Checking the coolant level

- ▸ Park the vehicle on a level surface.
- ▸ Switch the ignition off.
- ▸ Open the hood ⇨ *page 328*.
- ▸ Read the coolant level on the coolant expansion tank ⇨ *page 329, fig. 262*. The coolant level must be between the markings ② ⇨ *fig. 265* ▶

when the engine is cold. When the engine is warm it can be slightly above the upper marking.

Adding coolant

Requirement: there must be a residual amount of coolant in the expansion tank ⇨ (!).

If you must add coolant, use a mixture of water and coolant additive. Mixing the coolant additive with distilled water is recommended.

- ► Allow the engine to cool.
- ► Place a large, thick towel on the coolant expansion tank cap.
- ► Push the release button (1) ⇨ *fig. 265* on the cap and carefully turn it to the left until you feel resistance ⇨ ⚠.
- ► Push the release button again and remove the cap completely.
- ► Add coolant mixed in the correct ratio ⇨ *page 333* up to the MAX marking.
- ► Make sure that the fluid level remains stable. Add more coolant if necessary.
- ► Turn the cap to the right to tighten it until you feel resistance a second time.

Coolant loss usually indicates that there is a leak. Immediately drive your vehicle to an authorized Audi dealer or authorized Audi Service Facility and have the cooling system inspected. If the cooling system is not leaking, coolant loss can result from the coolant boiling due overheating and then being forced out of the cooling system.

⚠ WARNING

- The engine compartment in any vehicle can be a dangerous area. Stop the engine and allow it to cool before working in the engine compartment. Always follow the information found in ⇨ *page 327, General information*.
- Never open the hood if you can see or hear steam or coolant escaping from the engine compartment. This increases the risk of burns. The cooling system is under pressure. When you no longer see or hear steam or coolant escaping, you may open the engine compartment with caution.
- When working in the engine compartment, remember that the radiator fan can switch on even if the ignition is switched off, which increases the risk of injury.
- Coolant additive and coolant can be dangerous to your health. For this reason, store the coolant in the original container and away from children. There is a risk of poisoning.
- Plug-in hybrid drive: The expansion tank (B) may only be opened and filled by an authorized Audi dealer or authorized Audi Service Facility.

(!) Note

Do not add coolant if the expansion tank is empty. There may be air in the cooling system, which increases the risk of engine damage. If this is the case, do not continue driving. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Brake fluid

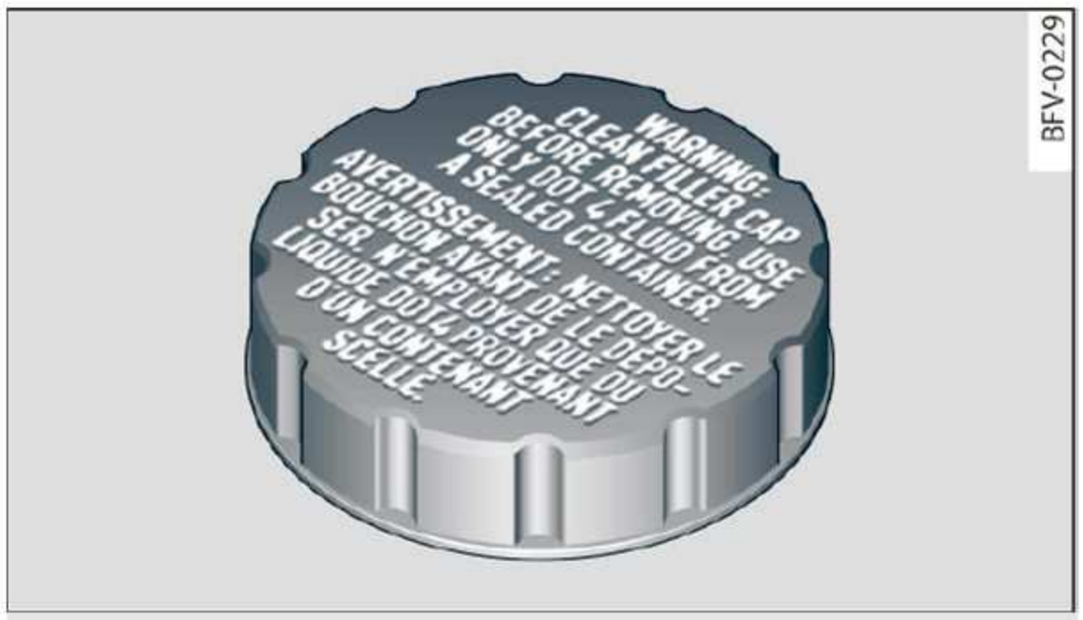


Fig. 266 Engine compartment: cap on brake fluid reservoir

Observe the safety precautions ⇨ ⚠ *in General information on page 327*.

Checking the brake fluid level

Read the brake fluid level on the brake fluid reservoir ⇨ *page 329, fig. 262*. The brake fluid level must be between the MIN and MAX markings ⇨ ⚠.

The brake fluid level is monitored automatically.

Message

BRAKE / (!) Brakes: stop vehicle and check brake fluid level ►

Stop the vehicle and check the brake fluid level. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Changing the brake fluid

Brake fluid should be changed at regular intervals. Have the brake fluid changed by an authorized Audi dealer or authorized Audi Service Facility. The authorized Audi dealer or authorized Audi Service Facility will inform you of the replacement intervals.

WARNING

- If the brake fluid level is below the MIN marking, it can impair the braking effect and driving safety, which increase the risk of an accident. Do not continue driving. See an authorized Audi dealer or authorized Audi Service Facility for assistance.
- If the brake fluid is old, bubbles may form in the brake system during heavy braking. This could impair braking performance and driving safety, which increases the risk of an accident.
- The brake fluid in your vehicle must meet the standard VW 501 14 and is available at an authorized Audi dealer or authorized Audi Service Facility. If this brake fluid is not available, another high-grade brake fluid of equivalent quality may be used, and it must meet the U.S. Federal Motor Vehicle Standard (FMVSS) 116 DOT 4, Class 6.

Note

- If the brake fluid level is above the MAX marking, brake fluid may leak out over the edge of the reservoir and result in damage to the vehicle.
- Do not allow any brake fluid to come into contact with the vehicle paint, because it will corrode the paint.

Electrical system

If the or indicator light turns on, there is a malfunction in the generator, the battery, or the vehicle electrical system.

Electrical system: malfunction! Safely stop vehicle

Do not continue driving and switch the engine off ⇨ ⚠. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Electrical system: malfunction! Restart not possible. Please contact Service

It will not be possible to restart the engine once you turn it off. Vehicle functions/driving stability may be limited. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately.

Electrical system: malfunction! Please contact Service

Switch off all electrical equipment that is not needed. Vehicle functions/driving stability may be limited. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately.

Electrical system: low battery charge. Battery will be charged while driving

The starting ability may be impaired.

If this message turns off after a little while, the vehicle battery has charged enough while driving.

If this message does not turn off, drive immediately to an authorized Audi dealer or authorized Audi Service Facility.

WARNING

When there is an electrical system malfunction, vehicle functions may not work and driving stability may be limited, which increases the risk of an accident. Stop driving and switch the engine off. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Battery

Battery general information

Because of the complex power supply, all work on batteries such as disconnecting, replacing, etc., should **only** be performed by an authorized Audi dealer or authorized Audi Service Facility ⇨ ⚠. ▶

Multiple batteries with different technologies may be installed in your vehicle:

– Vehicle battery (for example, for starting the engine, basic power supply) ⇨ *page 337, Lead battery* or ⇨ *page 338, Other battery types*
– Auxiliary battery (for example, for recuperation or optional equipment) ⇨ *page 338, Other battery types*
– Plug-in hybrid drive: High-voltage battery (for example, for electric driving) ⇨ *page 94*.

Not running the vehicle for long periods of time

The battery will gradually drain if the vehicle does not run for long periods of time. To ensure that the vehicle can still be started, the electrical equipment will be limited or switched off. Some convenience functions, such as interior lighting or power seat adjustment, may not be available under certain circumstances. These convenience functions will be available again once you switch the ignition on and start the engine.

Even when electrical equipment is switched off, the equipment can still drain the battery if the vehicle is not driven for long periods of time. Deep draining results in a chemical reaction that destroys the inside of the battery. The battery must be charged every month to prevent this ⇨ *page 338*. Contact an authorized Audi dealer or authorized Audi Service Facility for more information.

Winter operation

Cold weather places higher demands on the battery. This results in reduced starting ability. Have the battery checked by an authorized Audi dealer or authorized Audi Service Facility before cold weather begins.

WARNING

– All work on the battery or electrical system in your vehicle can result in injuries, chemical burns, accidents, or burns. Because of this, all work must be performed **only** by an authorized Audi dealer or authorized Audi Service Facility.
– Never connect the charging cable or jump start cable directly to your vehicle battery. Only use the connections in the engine compartment ⇨ *page 338*.

WARNING

California Proposition 65 Warning:
– Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive problems. Wash hands after handling.

Note

– If the vehicle will be parked for long periods of time, protect the battery against the cold so that it will not be destroyed by “freezing” ⇨ *page 338, Charging the battery*.
– There are electrical components under the cargo floor behind a trim panel that warm up during operation. To reduce the risk of the components overheating, do not store objects such as blankets under the cargo floor. If the components overheat, they will switch off temporarily. This will be indicated by a message that will be displayed in the instrument cluster until the temperature returns to normal.

Lead battery

Explanation of warnings:

	Always wear eye protection.
	Battery acid is highly corrosive. Always wear protective gloves and eye protection.
	Fire, sparks, open flame, and smoking are forbidden.
	A highly explosive mixture of gases can form when charging batteries.
	Always keep children away from battery acid and the battery.
	Always follow the instructions in the operating manual.

For the sake of the environment

Lead-acid batteries must be disposed of using methods that will not harm the environment. Do not dispose of them in household trash. They contain harmful substances, such as sulfuric acid and lead, and also recyclable raw materials. Contact an authorized Audi dealer or authorized Audi Service Facility for more information.

Other battery types

Explanation of warnings:

	Fire, sparks, open flame, and smoking are forbidden.
	Always keep children away from battery acid and the battery.
/	Always follow the instructions in the operating manual.

WARNING

All work on the batteries must **only** be performed by an authorized Audi dealer or authorized Audi Service Facility.

– Gases that escape from these different battery types can be poisonous or flammable.
– The contents of these battery types can be corrosive. If any battery contents come into contact with the skin, flush the affected area for at least 15 minutes with clean water. Then wash the affected area with soap. Have the affected area examined by a medical professional.

Note

Components must not be connected to the battery terminals and wires on these battery types because this increases the risk of damage, for example due to overvoltage.

For the sake of the environment

These types of batteries must be disposed of using methods that will not harm the environment. Do not dispose of them in household trash. They contain harmful substances and recyclable raw materials. Contact an authorized Audi dealer or authorized Audi Service Facility for more information.

Charging the battery

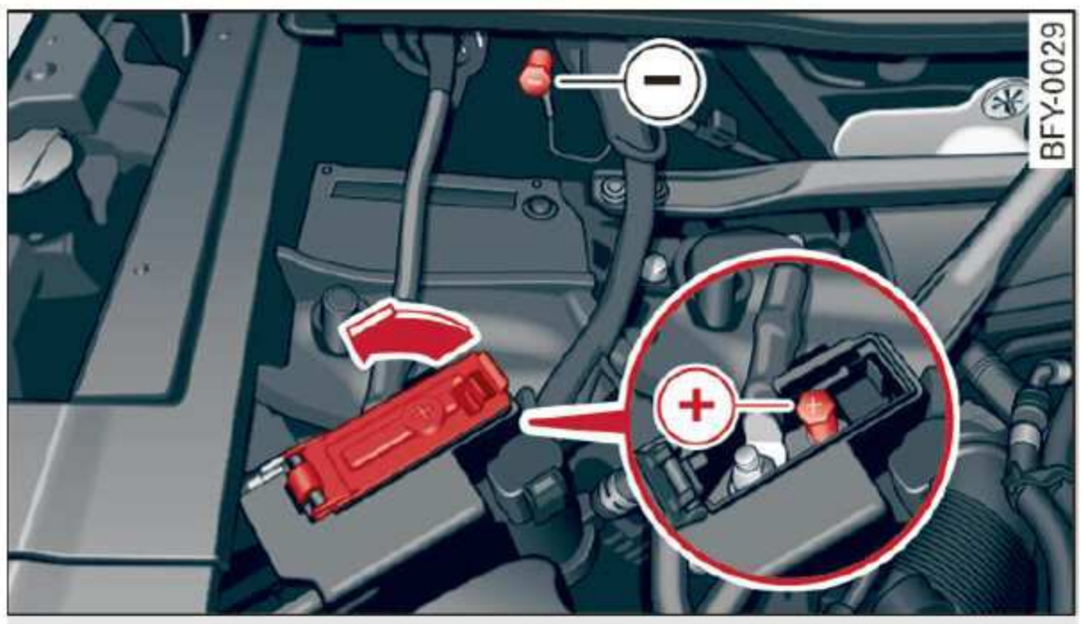


Fig. 267 Engine compartment: connectors for a charger or jump start cables

Note the safety precautions ⇨ *page 327, General information*, ⇨ ⚠ *in Battery general information on page 337* and ⇨ ⚠.

Requirement: only use chargers with a **maximum charging current of 14.8 volts**. The battery cables remain connected.

- ▸ Switch off the ignition and all electrical equipment.
- ▸ Open the hood ⇨ *page 328*.
- ▸ Open the cover on the positive terminal ⇨ *fig. 267*.
- ▸ Clamp the charger terminal clamps to the jump start pins according to the instructions. (pin under the cover = “positive”, pin with hexagonal head = “negative”).
- ▸ Insert the power cable for the charging device into the socket and switch the device on.
- ▸ At the end of the charging process, switch the charger off and pull the power cable out of the socket.
- ▸ Remove the charging device terminal clamps.
- ▸ Close the cover on the positive terminal.
- ▸ Close the hood ⇨ *page 328*.

WARNING

– Never connect the charging cable directly to your vehicle battery. Only use the connections in the engine compartment ⇨ *page 338*.

– A highly explosive mixture of gases can form when charging batteries. Only charge the battery in well-ventilated areas.
– A drained battery can freeze at temperatures around 32 °F (0 °C). Do not charge or use a frozen or thawed battery. If ice forms, the battery housing can crack and battery electrolyte can leak out, which increases the risk of an explosion and chemical burns. Contact an authorized Audi dealer or authorized Audi Service Facility for more information.
– Do not connect or disconnect the charging cable while charging because this increases the risk of an explosion.

Tips

Read all of the manufacturer's instructions for the charger before charging the battery.

Windshield washer system



Fig. 268 Engine compartment: washer fluid reservoir cap

The windshield washer fluid reservoir contains the cleaning solution for the windshield and the headlight washer system* ⇨ *page 329, fig. 262*. The reservoir capacity can be found in ⇨ *page 393*.

To reduce the risk of lime scale deposits on the spray nozzles, use clean water with low amounts of calcium. Always add window cleaner to the water. When the outside temperatures are cold, an anti-freezing agent should be added to the water so that it does not freeze.

Messages

Please add washer fluid

Fill the washer fluid for the windshield washer system and the headlight washer system* when the ignition is switched off.

Note

– The concentration of anti-freezing agent must be adjusted to the vehicle operating conditions and the climate. A concentration that is too high can lead to vehicle damage.
– Never add radiator anti-freeze or other additives to the washer fluid.
– Do not use a glass cleaner that contains paint solvents, because this could damage the paint.

Service interval display

The service interval display detects when your vehicle is due for service.

Checking service intervals

You can check the remaining distance or time until the next oil change or next inspection in the Infotainment system.

▸ Select in the Infotainment system: the MENU button > **Vehicle** > left control button > **Service & checks** > **Service intervals**.

Resetting the indicator

An authorized Audi dealer or authorized Audi Service Facility will reset the service interval display after performing service.

If you have changed the oil yourself, you must reset the oil change interval.

▸ Select in the Infotainment system: MENU button > **Vehicle** > left control button > **Service & checks** > **Service intervals** > **Reset oil change interval**.

If an oil change or inspection is due, you can access it in the Infotainment system. The display works in two stages:

– **Service reminder**: after a certain distance is driven, a message appears in the instrument ▶

cluster display every time the ignition is switched on. The remaining distance and time is displayed briefly.

– **Service due**: if your vehicle has reached a service interval, a message appears briefly after switching the ignition on.

Note

– Only reset the oil change indicator if the oil was changed.
– Following the service intervals is critical to maintaining the service life and value of your vehicle, especially the engine. Even if the mileage on the vehicle is low, do not exceed the time for the next service.

Wheels

Wheels and Tires

General information

►Check your tires regularly for damage, such as punctures, cuts, cracks, and bulges. Remove foreign objects from the tire tread.

►If driving over curbs or similar obstacles, drive slowly and approach the curb at an angle.

►Have faulty tires or rims replaced immediately.

►Protect your tires from oil, grease, and fuel.

►Mark tires before removing them so that the same running direction can be maintained if they are reinstalled.

►Lay tires flat when storing and store them in a cool, dry location with as little exposure to light as possible.

WARNING

–Never drive faster than the maximum permitted speed for your tires. This could cause the tires to heat up too much. This increases the risk of an accident because it can cause the tire to burst.

–Always adapt your driving to the road and traffic conditions. Drive carefully and reduce your speed on icy or slippery roads. Even winter tires can lose traction on black ice.

Note

–Please note that summer and winter tires are designed for the conditions that are typical in those seasons. Audi recommends using winter tires during the winter months. Low temperatures significantly decrease the elasticity of summer tires, which affects traction and braking ability. If summer tires are used in very cold temperatures, cracks can form on the tread bars, resulting in permanent tire damage that can cause loud driving noise and unbalanced tires.

–Burnished, polished or chromed rims must not be used in winter driving conditions. The surface of the rims does not have sufficient corrosion protection for this and could be permanently damaged by road salt or similar substances.

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Tire designations

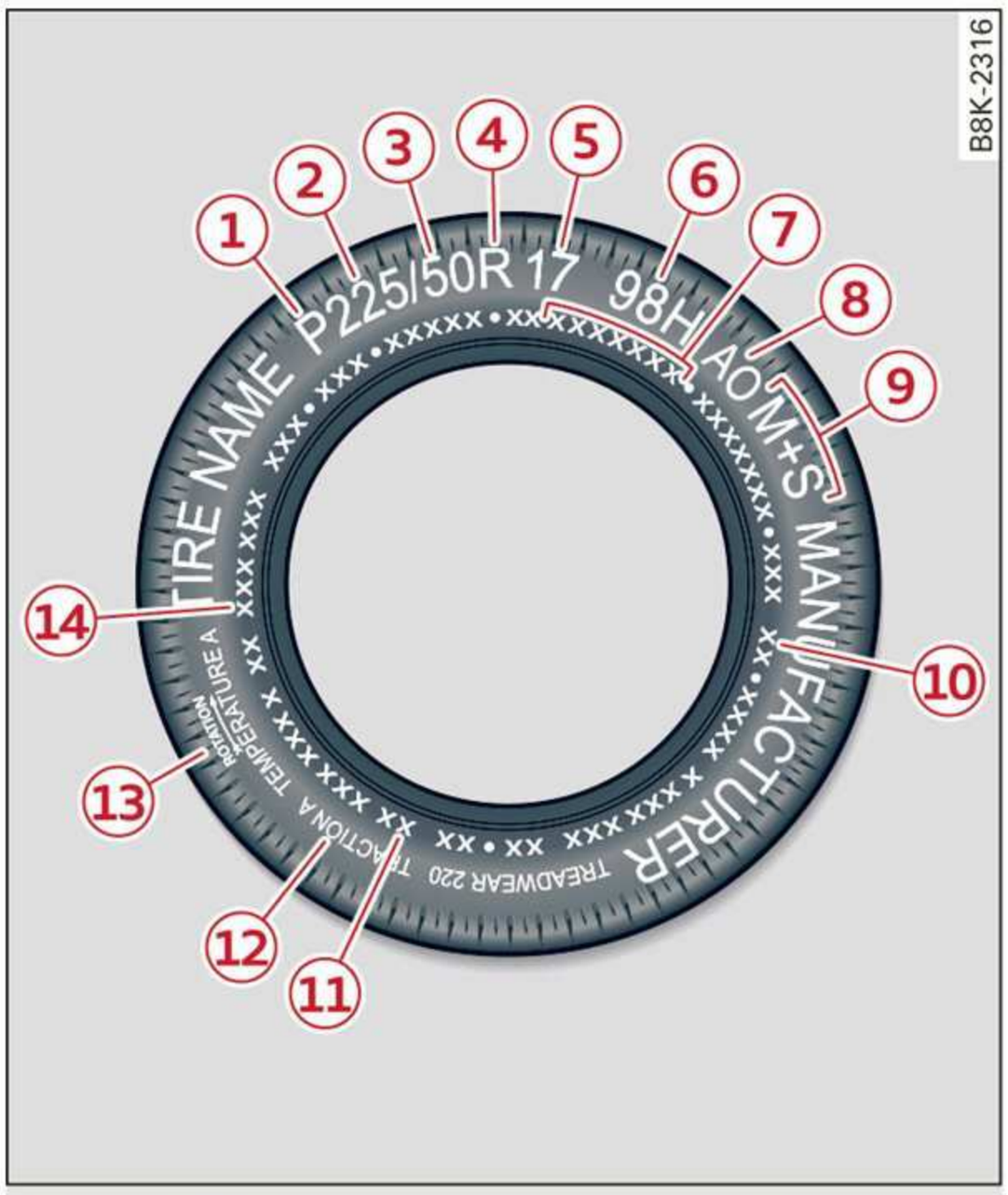


Fig. 269 Tire designations on the sidewall

① Tires for passenger vehicles (if applicable)

"P" indicates a tire for a passenger vehicle. "T" indicates a tire designated for temporary use.

② Nominal width

Nominal width of the tire between the sidewalls in millimeters. In general: the larger the number, the wider the tire.

③ Aspect ratio

Height/width ratio expressed as a percentage.

④ Tire construction

"R" indicates a radial tire.

⑤ Rim diameter

Size of the rim diameter in inches.

⑥ Load index and speed rating

The load index indicates the tire's load-carrying capacity.

The speed rating indicates the maximum permitted speed. Also see ⇨ ⚠ *in General information on page 341*.

"EXTRA LOAD", "xl" or "RF" indicates that the tire is reinforced or is an Extra Load tire.

Speed rating	Maximum permitted speed
P	up to 93 mph (150 km/h)
Q	up to 99 mph (160 km/h)
R	up to 106 mph (170 km/h)
S	up to 110 mph (180 km/h)
T	up to 118 mph (190 km/h)
U	up to 124 mph (200 km/h)
H	up to 130 mph (210 km/h)
V	up to 149 mph (240 km/h)[a)]
Z	above 149 mph (240 km/h)[a)]
W	up to 168 mph (270 km/h)[a)]
Y	up to 186 mph (300 km/h)[a)]

a) For tires above 149 mph (240 km/h), tire manufacturers sometimes use the code "ZR". ▶

⑦ US DOT number (TIN) and manufacture date

The manufacture date is listed on the tire sidewall (it may only appear on the inner side of the tire):

DOT ... 2219 ...

means, for example, that the tire was produced in the 22nd week of the year 2019.

⑧ Audi Original Tires

Audi Original equipment tires with the designation “AO” have been specially matched to your Audi. When used correctly, these tires meet the highest standards for safety and handling. An authorized Audi dealer or authorized Audi Service Facility will be able to provide you with more information.

⑨ Mud and snow capability

“M/S” or “M+S” indicates the tire is suitable for driving on mud and snow. ❄ indicates a winter tire.

⑩ Composition of the tire cord and materials

The number of plies indicates the number of rubberized fabric layers in the tire. In general: the more layers, the more weight a tire can carry. Tire manufacturers must also specify the materials used in the tire. These include steel, nylon, polyester and other materials.

⑪ Maximum permitted load

This number indicates the maximum load in kilograms and pounds that the tire can carry.

⑫ Uniform tire quality grade standards for treadwear, traction and temperature resistance

Treadwear, traction and temperature ranges ⇨ *page 357*.

⑬ Running direction

The arrows indicate the running direction of unidirectional tires. You must always follow the specified running direction ⇨ *page 372*.

⑭ Maximum permitted inflation pressure

This number indicates the maximum pressure to which a tire can be inflated under normal operating conditions.

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Glossary of tire and loading terminology

Accessory weight

means the combined weight (in excess of those standard items which may be replaced) of automatic transmission, power steering, power brakes, power windows, power seats, radio, and heater, to the extent that these items are available as factory-installed equipment (whether installed or not).

Aspect ratio

means the ratio of the height to the width of the tire in percent. Numbers of 55 or lower indicate a low sidewall for improved steering response and better overall handling on dry pavement.

Bead

means the part of the tire that is made of steel wires, wrapped or reinforced by ply cords and that is shaped to fit the rim.

Bead separation

means a breakdown of the bond between components in the bead.

Cord

means the strands forming the plies in the tire.

Cold tire inflation pressure

means the tire pressure recommended by the vehicle manufacturer for a tire of a designated size that has not been driven for more than a couple of miles (kilometers) at low speeds in the three hour period before the tire pressure is measured or adjusted.

Curb weight

means the weight of a motor vehicle with standard equipment including the maximum capacity of fuel, oil, and coolant, air conditioning and additional weight of optional equipment.

Extra load tire

means a tire designed to operate at higher loads and at higher inflation pressures than the corresponding standard tire. Extra load tires may be identified as “XL”, “xl”, “EXTRA LOAD”, or “RF” on the sidewall. ▶

Gross Axle Weight Rating ("GAWR")

means the load-carrying capacity of a single axle system, measured at the tire-ground interfaces.

Gross Vehicle Weight Rating ("GVWR")

means the maximum total loaded weight of the vehicle.

Groove

means the space between two adjacent tread ribs.

Load rating (code)

means the maximum load that a tire is rated to carry for a given inflation pressure. You may not find this information on all tires because it is not required by law.

Maximum load rating

means the load rating for a tire at the maximum permissible inflation pressure for that tire.

Maximum loaded vehicle weight

means the sum of:

(a) Curb weight
(b) Accessory weight
(c) Vehicle capacity weight, and
(d) Production options weight

Maximum (permissible) inflation pressure

means the maximum cold inflation pressure to which a tire may be inflated. Also called "maximum inflation pressure."

Normal occupant weight

means 150 lbs. (68 kilograms) times the number of occupants seated in the vehicle up to the total seating capacity of your vehicle.

Occupant distribution

means distribution of occupants in a vehicle.

Outer diameter

means the overall diameter of an inflated new tire.

Overall width

means the linear distance between the exteriors of the sidewalls of an inflated tire, including elevations due to labeling, decorations, or protective bands or ribs.

Ply

means a layer of rubber-coated parallel cords. ▶

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Production options weight

means the combined weight of those installed regular production options weighing over 5 lbs. (2.3 kg) in excess of those standard items which they replace, not previously considered in curb weight or accessory weight, including heavy duty brakes, ride levelers, roof rack, heavy duty battery, and special trim.

Radial ply tire

means a pneumatic tire in which the ply cords that extend to the beads are laid at substantially 90 degrees to the centerline of the tread.

Recommended inflation pressure

see ⇨ *page 344, Cold tire inflation pressure*.

Reinforced tire

means a tire designed to operate at higher loads and at higher inflation pressures than the corresponding standard tire. Reinforced tires may be identified as “XL”, “xl”, “EXTRA LOAD”, or “RF” on the sidewall.

Rim

means a metal support for a tire or a tire and tube assembly upon which the tire beads are seated.

Rim diameter

means nominal diameter of the bead seat. If you change your wheel size, you will have to purchase new tires to match the new rim diameter.

Rim size designation

means rim diameter and width.

Rim width

means nominal distance between rim flanges.

Sidewall

means that portion of a tire between the tread and bead.

Speed rating (letter code)

means the speed at which a tire is designed to be driven for extended periods of time. The ratings range from 93 mph (150 km/h) to 186 mph (298 km/h) ⇨ *table on page 342*. You may not find this information on all tires because it is not required by law.

The speed rating letter code, where applicable, is molded on the tire sidewall and indicates the ▶

maximum permissible road speeds. See also ⇨ ⚠ *in General information on page 341*.

Tire pressure monitoring system

means a system that detects when one or more of a vehicle's tires are underinflated and illuminates a low tire pressure warning telltale.

Tread

means that portion of a tire that comes into contact with the road.

Tread separation

means pulling away of the tread from the tire carcass.

Treadwear indicators (TWI)

means the projections within the principal grooves designed to give a visual indication of the degrees of wear of the tread. See ⇨ *page 350, Treadwear indicator* for more information on measuring tire wear.

Uniform Tire Quality Grading

is a tire information system developed by the United States National Highway Traffic Safety Administration (NHTSA) that is designed to help buyers make relative comparisons among tires. The UTQG is not a safety rating and not a guarantee that a tire will last for a prescribed number of miles (kilometers) or perform in a certain way. It simply gives tire buyers additional information to combine with other considerations, such as price, brand loyalty and dealer recommendations. Under UTQG, tires are graded by the tire manufacturers in three areas: treadwear, traction, and temperature resistance. The UTQG information on the tires, molded into the sidewalls.

U.S. DOT Tire Identification Number (TIN)

This is the tire's "serial number". It begins with the letters "DOT" and indicates that the tire meets all federal standards. The next two numbers or letters indicate the plant where it was manufactured, and the last four numbers represent the week and year of manufacture. For example,

DOT ... 2219 ...

means that the tire was produced in the 22nd week of 2019. The other numbers are marketing codes that may or may not be used ▶

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by the tire manufacturer. This information is used to contact consumers if a tire defect requires a recall.

Vehicle capacity weight

means the rated cargo and luggage load plus 150 lbs. (68 kilograms) times the vehicle's designated seating capacity.

Vehicle maximum load on the tire

means that load on an individual tire that is determined by distributing to each axle its share of the maximum loaded vehicle weight and dividing by two.

Vehicle normal load on the tire

means that load on an individual tire that is determined by distributing to each axle its share of the curb weight, accessory weight, and normal occupant weight (distributed in accordance with ⇨ *table on page 353*) and dividing by two.

Occupant loading and distribution for vehicle normal load for various designated seating capacities

Refer to the tire inflation pressure label ⇨ *page 351, fig. 272* for the number of seating positions. Refer to the table ⇨ *table on page 353* for the number of people that correspond to the vehicle normal load.

New tires or wheels

Audi recommends having all work on tires or wheels performed by an authorized Audi dealer or authorized Audi Service Facility. These facilities have the proper knowledge and are equipped with the required tools and replacement parts.

- ►New tires do not yet have the optimal gripping properties. Drive carefully and at moderate speeds for the first 350 miles (500 km) with new tires.
- ►Only use tires with the same design, size (rolling circumference), and as close to the same tread pattern as possible on all four wheels.
- ►Do not replace tires individually. At least replace both tires on the same axle at the same time.
- ►Audi recommends that you use Audi Original Tires. If you would like to use different tires, please note that the tires may perform ►

differently even if they are the same size ⇨ ⚠.

►If you would like to equip your vehicle with a tire and rim combination that is different from what was installed at the factory, consult with an authorized Audi dealer or authorized Audi Service Facility before making a purchase ⇨ ⚠.

Because the spare tire* is different from the regular tires installed on the vehicle (such as winter tires or wide tires), only use the spare tire* temporarily in case of emergency and drive carefully while it is in use. It should be replaced with a regular tire as soon as possible.

All four wheels must be equipped with tires that are the same brand and have the same construction and tread pattern so that the drive system is not damaged by different tire speeds. For this reason, in case of emergency, only use a spare tire* that is the same circumference as the regular tires.

⚠ WARNING

–Do not use steel rims that are 17 inches or larger. Otherwise, damage to the vehicle and an accident could result.

–Only use tire/rim combinations and suitable wheel bolts that have been approved by Audi. Otherwise, damage to the vehicle and an accident could result.

–For technical reasons, it is not possible to use tires from other vehicles. In some cases, you cannot even use tires from the same vehicle model.

–Make sure that the tires you select have enough clearance to the vehicle. Replacement tires should not be chosen simply based on the nominal size, because tires with a different construction can differ greatly even if they are the same size. If there is not enough clearance, the tires or the vehicle can be damaged and this can reduce driving safety and increase the risk of an accident.

–Only use tires that are more than six years old when absolutely necessary and drive carefully when doing so.

–Run-flat tires* may only be used on vehicles that were ▶

equipped with them at the factory ⇨ *page 360*.

–If you install wheel covers on the vehicle, make sure they allow enough air circulation to cool the brake system. If they do not, this could increase the risk of an accident.

Tire wear and damage

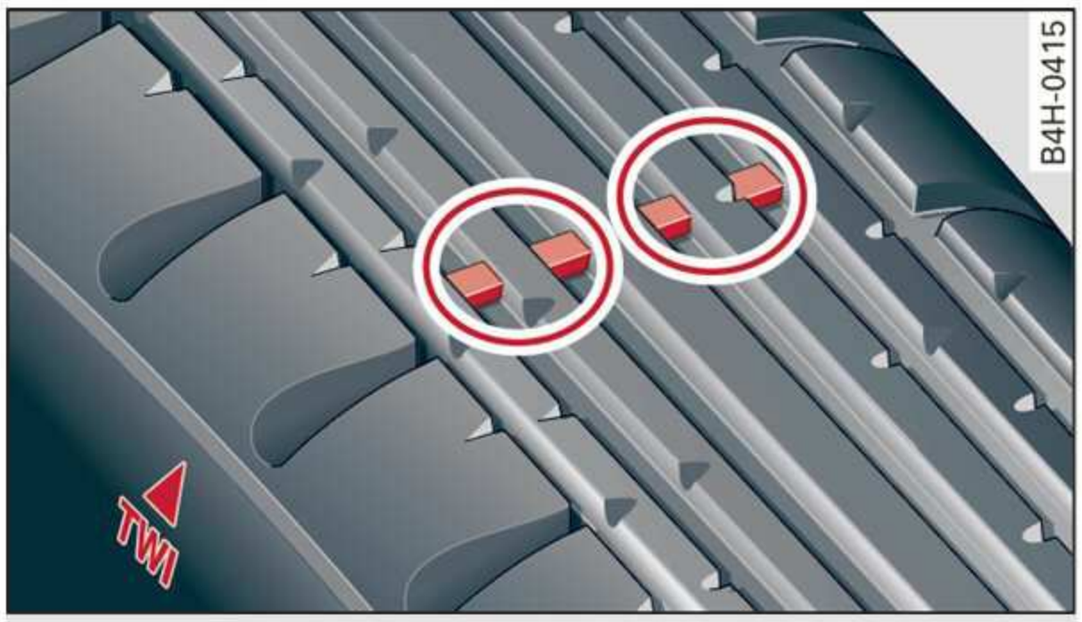


Fig. 270 Tire profile: treadwear indicator

Tire wear

Check the tires regularly for wear.

–Inflation pressure that is too low or high can increase tire wear considerably.

–Driving quickly through curves, rapid acceleration, and heavy braking increase tire wear.

–Have an authorized Audi dealer or authorized Audi Service Facility check the wheel alignment if there is unusual wear.

–Have the wheels rebalanced if an imbalance is causing noticeable vibration in the steering wheel. If you do not, the tires and other vehicle components could wear more quickly.

Treadwear indicator

Original equipment tires contain treadwear indicators in the tread pattern, which are bars that are 1/16 in (1.6 mm) high and are spaced evenly around the tire perpendicular to the running direction ⇨ *fig. 270*. The letters “TWI” or triangles on the tire sidewall indicate the location of the treadwear indicators.

The tires have reached the minimum tread depth [1)] when they have worn down to the treadwear indicators. Replace the tires with new ones ⇨ ⚠.

Tire rotation

Rotating the tires regularly is recommended to ensure the tires wear evenly. To rotate the tires, ▶

[1)] Obey any applicable regulations in the country where the vehicle is being operated.

install the tires from the rear axle on the front axle and vice versa. This will allow the tires to have approximately the same length of service life.

For unidirectional tires, make sure the tires are installed according to the running direction indicated on the tire sidewall ⇨ *page 372*.

Hidden damage

Damage to tires and rims can often occur in locations that are hidden. Unusual vibrations in the vehicle or pulling to one side may indicate that there is tire damage. Reduce your speed immediately. Check the tires for damage. If no damage is visible from the outside, drive slowly and carefully to the nearest authorized Audi dealer or authorized Audi Service Facility to have the vehicle inspected.

WARNING

Tread that has worn too low or uneven tread depths on the tires can reduce driving safety. This can increase the risk of an accident because it has a negative effect on handling, driving through curves, and braking, and because it increases the risk of hydroplaning when driving through deep puddles.

Tire pressure

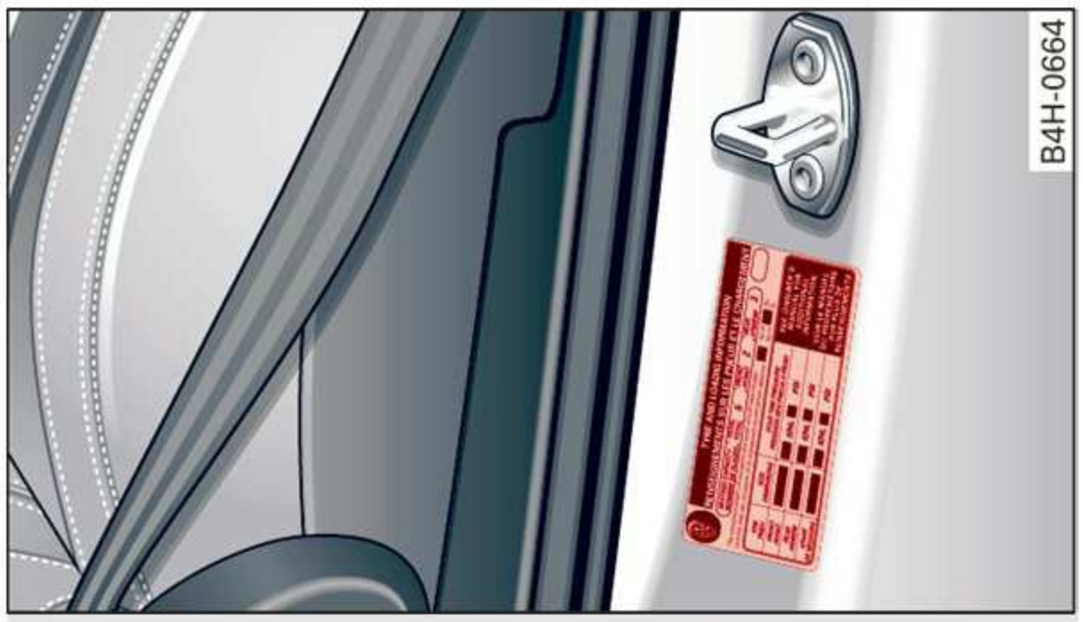


Fig. 271 Driver's side B-pillar: tire pressure label

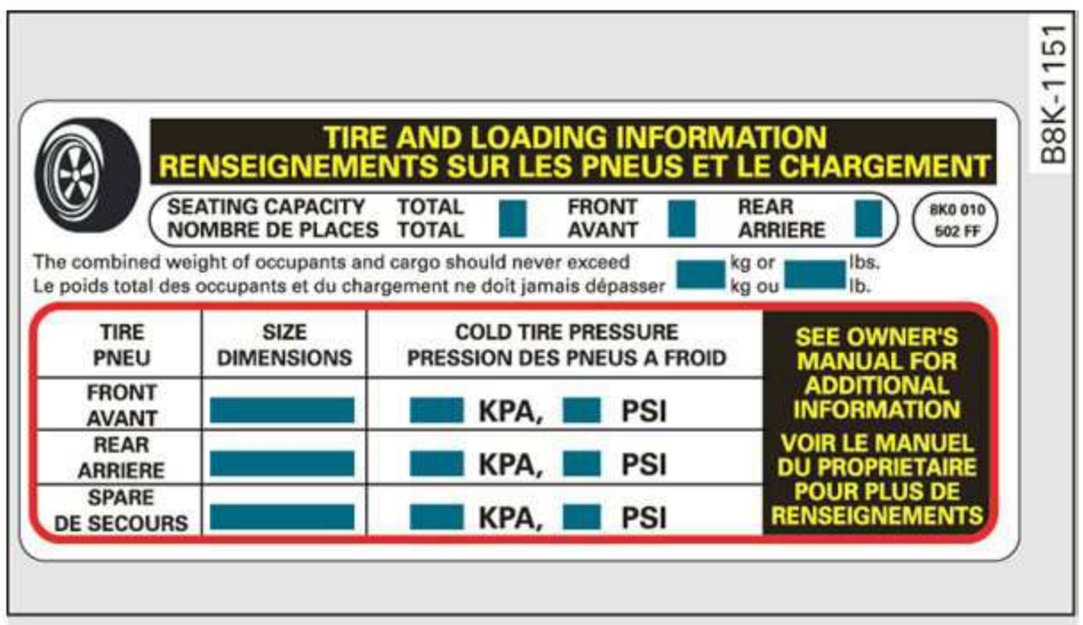


Fig. 272 Tire pressure label

The correct tire pressure for tires installed at the factory is listed on a label. The label is located on the B-pillar (driver's side) ⇨ *fig. 271*, ⇨ *fig. 272*. The location may vary depending on the model.

Use the tire pressure specified for a normal vehicle load when the vehicle is partially loaded ⇨ *table on page 353*. If driving the vehicle when fully loaded, you must ▶

increase the tire pressure to the maximum specified pressure ⇨ ⚠.

Checking and correcting tire pressure

- ▶ Check the tire pressure at least once per month and also check it before every long drive.
- ▶ Always check the tire pressure when the tires are *cold*. Do not reduce the pressure if it increases when the tires are warm.
- ▶ Refer to the sticker ⇨ *fig. 272* for the correct tire pressure.
- ▶ Correct the tire pressure if necessary.
- ▶ Store the new tire pressure in the Infotainment system ⇨ *page 359*.

⚠ WARNING

Always adapt the tire pressure to your driving style and the vehicle load.

– Overloading can lead to loss of vehicle control and increase the risk of an accident. Read and follow the important safety precautions in ⇨ *page 353, Tires and vehicle load limits*.

– The tire must flex more if the tire pressure is too low or if the vehicle speed or load are too high. This heats the tire up too much. This increases the risk of an accident because it can cause the tire to burst and result in loss of vehicle control.

– Incorrect tire pressure increases tire wear and has a negative effect on driving and braking behavior, which increases the risk of an accident.

Note

Replace lost valve caps to reduce the risk of damage to the tire valves.

For the sake of the environment

Tire pressure that is too low increases fuel consumption.

Tire pressure table

Please note that the information contained in the following table was correct at the time of printing, and the information is subject to change. If there are any differences, you should always follow the tire pressure sticker ⇨ *page 351, fig. 271*. ▶

Make sure that the tire designation on your tire matches the designation on the tire pressure label and the tire pressure table.

The following table lists recommended tire pressures in cold tires according to the load and the size of the tires installed.

Model/ Engine	Tire designation	Tire pressure							
		Normal load (up to 3 people)[a]				Maximum load			
		Front		Rear		Front		Rear	
		PSI	kPA	PSI	kPA	PSI	kPA	PSI	kPA
Q5: 2.0L 4-cylinder Gasoline engine	235/60 R18 103H	29	200	29	200	35	240	38	260
	235/55 R19 101H	29	200	29	200	33	230	36	250
	255/45 R20 101H	29	200	29	200	33	230	36	250
	255/45 R20 101W	29	200	29	200	32	220	35	240
	255/40 R21 102Y	32	220	32	220	32	220	35	240
Q5 TFSI e: 2.0L 4-cylinder Gasoline engine	235/60 R18 103H	30	210	30	210	33	230	36	250
	235/55 R19 101H	30	210	30	210	35	240	38	260
	255/45 R20 101H	30	210	30	210	35	240	38	260
	255/45 R20 101W	30	210	30	210	33	230	36	250
SQ5: 3.0L 6-cylinder gasoline engine	255/45 R20 101H	33	230	30	210	36	250	36	250
	255/45 R20 101W	36	250	33	230	41	280	44	300
	255/40 R21 102Y	33	230	33	230	36	250	39	270

a) Two people in the front, one person in the rear

WARNING

Please note the important safety precautions regarding tire pressure ⇨ *page 351* and load limits ⇨ *page 353*.

Tires and vehicle load limits

There are limits to the amount of load or weight that any vehicle and any tire can carry. A vehicle that is overloaded will not handle well and is more difficult to stop. Overloading can not only lead to loss of vehicle control, but can also damage important parts of the vehicle and can lead to sudden tire failure, including a blowout and sudden deflation that can cause the vehicle to crash.

Your safety and that of your passengers also depends on making sure that load limits are not exceeded. Vehicle load includes ▶

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everybody and everything in and on the vehicle. These load limits are technically referred to as the vehicle's **Gross Vehicle Weight Rating** ("GVWR").

The "GVWR" includes the weight of the basic vehicle, all factory installed accessories, a full tank of fuel, oil, coolant and other fluids plus maximum load. The maximum load includes the number of passengers that the vehicle is intended to carry ("seating capacity") with an assumed weight of 150 lbs. (68 kg) for each passenger at a designated seating position and the total weight of any luggage in the vehicle. If you tow a trailer, the weight of the trailer hitch and the tongue weight of the loaded trailer must be included as part of the vehicle load.

The **Gross Axle Weight Rating** ("GAWR") is the maximum load that can be applied at each of the vehicle's two axles.

The fact that there is an upper limit to your vehicle's Gross Vehicle Weight Rating means that the total weight of whatever is being carried in the vehicle (including the weight of a trailer hitch and the tongue weight of the loaded trailer) is limited. The more passengers in the vehicle or passengers who are heavier than the standard weights assumed mean that less weight can be carried as luggage.

The Gross Vehicle Weight Rating and the Gross Axle Weight Rating are listed on the safety compliance sticker label located on the driver's side B-pillar.

WARNING

Overloading a vehicle can cause loss of vehicle control, a crash or other accident, serious personal injury, and even death.

- Carrying more weight than your vehicle was designed to carry will prevent the vehicle from handling properly and increase the risk of the loss of vehicle control.
- The brakes on a vehicle that has been overloaded may not be able to stop the vehicle within a safe distance.
- Tires on a vehicle that has been overloaded can fail suddenly, including a blowout and sudden deflation, causing loss of control and a crash.

–Always make sure that the total load being transported – including the weight of a trailer hitch and the tongue weight of a loaded trailer – does not make the vehicle heavier than the vehicle's Gross Vehicle Weight Rating.

Determining correct load limit

Use the example below to calculate the total weight of the passengers and luggage or other things that you plan to transport so that you can make sure that your vehicle will not be overloaded.

Steps for Determining Correct Load Limit

1. Locate the statement "THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED XXX KG OR XXX LBS" on your vehicle's placard (tire inflation pressure label) ⇨ *page 351, fig. 272*.
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 "XXX" pounds shown on the sticker ⇨ *page 351, fig. 272*.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the "XXX" amount equals 1400 lbs. and there will be five 150 lbs. passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400-750 (5 x 150) = 650 lbs.)
5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.
6. If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle. ▶

▶ Check the tire sidewall (⇨ *page 342, fig. 269*) to determine the designated load rating for a specific tire.

Wheel bolts and rims

Wheel bolts

Wheel bolts must be clean and loosen/tighten easily.

Rims

Rims with a bolted rim ring* or with bolted wheel covers* consist of multiple pieces. These components were bolted together using special bolts and a special procedure. You must not repair or disassemble them ⇨ ⚠.

WARNING

Wheel bolts that are tightened or repaired incorrectly can become loose and result in loss of vehicle control, which increases the risk of an accident. For the correct tightening specification, see ⇨ *page 372, Finishing*.

– Always keep the wheel bolts and the threads in the wheel hub clean and free of grease.
– Only use wheel bolts that fit the rim.
– Always have damaged rims repaired by an authorized Audi dealer or authorized Audi Service Facility. Never repair or disassemble rims yourself, because this increases the risk of an accident.

Winter tires

Winter tires significantly improve the vehicle's handling when driving in winter conditions. Because of their construction (width, compound, tread pattern), summer tires provide less traction on ice and snow.

▶ Use winter tires on all four wheels.
▶ Only use winter tires that are approved for your vehicle.
▶ Please note that the maximum permitted speed may be lower with winter tires ⇨ ⚠ *in General information on page 341*. An authorized Audi dealer or authorized Audi Service Facility can inform you about the maximum permitted speed for your tires.
▶ Check the tire pressure after installing wheels ⇨ *page 351*.

The effectiveness of winter tires is reduced greatly when the tread is worn down to a depth of 0.16 in (4 mm). The characteristics of winter tires also decrease greatly as the tire ages, regardless of the remaining tread.

For the sake of the environment

Reinstall summer tires at the appropriate time, because they provide better handling when roads are free of snow and ice. Summer tires cause less road noise, tire wear, and fuel consumption.

Tips

You can also use all season tires instead of winter tires. Please note that in some countries where winter tires are required, only winter tires with the ⛄ symbol may be permitted.

Snow chains

Snow chains improve both driving and braking in winter road conditions.

▶ Only install snow chains on the rear wheels.
▶ Check and correct the seating of the snow chains after driving a few feet, if necessary. Follow the instructions from the manufacturer.
▶ Note the maximum speed of 30 mph (50 km/h). Observe the local regulations.

Use of snow chains is only permitted with certain rim/tire combinations due to technical reasons. Check with an authorized Audi dealer or authorized Audi Service Facility to see if you may use snow chains.

Use **fine-mesh snow chains**. They must not add more than 0.53 in (13.5 mm) in height, including the chain lock.

You must remove the snow chains on roads without snow. Otherwise, you could impair driving ability and damage the tires. ▶

WARNING

Using incorrect snow chains or installing snow chains incorrectly can result in loss of vehicle control, which increases the risk of an accident.

Note

– Snow chains can damage the rims and wheel covers* if the chains come into direct contact with them. Remove the wheel covers* first. Use coated snow chains.
– Do not install and use snow chains if there is a malfunction in the air suspension*, because the vehicle height will be very low. If you drive with snow chains anyway, the wheel housings and other vehicle components can be severely damaged.

Tips

When using snow chains, it may be advisable to limit the ESC ⇨ *page 165*.

Low-profile tires

Applies to: vehicles with low-profile tires

Compared to other tire/rim combinations, low-profile tires offer a wider tread surface and a larger rim diameter with shorter tire sidewalls. This results in an agile driving style. However, it may reduce the level of comfort and increase road noise when driving on roads in poor condition.

Low-profile tires can become damaged more quickly than standard tires when driving over large bumps, potholes, manhole covers, and curbs. Therefore, it is particularly important to maintain the correct tire pressure ⇨ *page 351*.

To reduce the risk of damage to the tires and rims, drive very carefully on poor roads.

Check your wheels regularly every 2,000 mi (3,000 km) for damage. For example, check for bulges/cracks on the tires or deformations/cracks on the rims.

After a heavy impact or damage, have the tires and rims inspected or replaced immediately by an authorized Audi dealer or authorized Audi Service Facility.

Low-profile tires can wear out faster than standard tires.

Uniform tire quality grading

– Tread wear
– Traction AA A B C
– Temperature A B C

Quality grades can be found where applicable on the tire side wall between tread shoulder and maximum section width ⇨ *page 342, fig. 269*.

For example: Tread wear **200**, Traction **AA**, Temperature **A**.

All passenger car tires must conform to Federal Safety Requirements in addition to these grades.

Tread wear

The *tread wear* grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course.

For example, a tire graded 150 would wear one and one half (1 1/2) times as well on the government course as a tire graded 100.

The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction

The *traction* grades, from highest to lowest, are AA, A, B and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance ⇨ ⚠.

Temperature

The *temperature* grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate ▶

heat when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure ⇨ ⚠.

The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

⚠ WARNING

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.

⚠ WARNING

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.

⚠ WARNING

Temperature grades apply to tires that are properly inflated and not over or underinflated.

Tire pressure monitoring system

(!) General notes

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.

If the tire pressure monitoring indicator appears

Applies to: vehicles with Tire Pressure Monitoring System indicator

The tire pressure indicator in the instrument cluster informs you if the tire pressure is too low or if there is a system malfunction.

Using the ABS sensors, the tire pressure monitoring system compares the tire tread circumference and vibration characteristics of the individual tires. If the pressure changes in one or more tires, this is indicated in the instrument cluster display with an indicator light (!) and a message. If only one tire is affected, the location of that tire will be indicated.

The tire pressures must be stored in the Infotainment system again each time the pressures change (switching between partial and full load pressure) or after changing or replacing a tire on your vehicle ⇨ *page 359*. The tire pressure monitoring system only monitors the tire pressure you have stored. Refer to the tire pressure label for the recommended tire pressure for your vehicle ⇨ *page 351, fig. 272*.

Tire tread circumference and vibration characteristics can change and cause a tire pressure warning if:

– The tire pressure in one or more tires is too low
– The tires have structural damage
– The tire was replaced or the tire pressure was changed and it was not stored ⇨ *page 359*
– Tires that are only partially used are replaced with new tires

Indicator lights

(!) – Loss of pressure in at least one tire ⇨ ⚠. Check the tires and replace or repair if necessary. Check/correct the pressures of all four tires and store the pressure again in the Infotainment system ⇨ *page 359*.

TPMS (**T**ire **P**ressure **M**onitoring **S**ystem) **Tire pressure: malfunction! See owner's manual**. If **TPMS** appears after switching the ignition on or while driving and the (!) indicator light in the instrument cluster blinks for approximately one minute and then stays on, there is system malfunction.

Try to store the correct tire pressures ⇨ *page 359*. In some cases, you must drive for several minutes after storing the pressures until the indicator light turns off. If the indicator light does turn off or turns on again after a short period of time, drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

WARNING

– If the tire pressure indicator appears in the display, reduce your speed immediately and avoid any hard steering or braking maneuvers. Stop as soon as possible and check the tires and their pressure.
– The driver is responsible for maintaining the correct tire pressure. You must check the tire pressure regularly.
– Under certain conditions (such as a sporty driving style, winter conditions, or unpaved roads), the tire pressure monitoring system indicator may be delayed.

Tips

– The tire pressure monitoring system can also stop working when there is an ESC malfunction.
– Using snow chains may result in a system malfunction.
– The tire pressure monitoring system in your Audi was calibrated with "Audi Original Tires" ⇨ *page 348*. Using these tires is recommended.

Storing tire pressures

Applies to: vehicles with Tire Pressure Monitoring System indicator

If the tire pressure changes or a tire is replaced, it must be confirmed in the Infotainment system.

▸ Before storing the tire pressures, make sure the tire pressures in all four tires meet the specified values and are adapted to the load ⇨ *page 351*.
▸ Switch the ignition on.
▸ Select in the Infotainment system: MENU button > **Vehicle** > **Service & checks** > **Tire pressure** ▶

monitoring > **Store tire pressure** > **Yes, store now**.

Tips

Do not store the tire pressures if snow chains are installed.

Run-flat tires

Applies to: vehicles with run-flat tires

Run-flat tires can allow you to remain driving when there is a loss of pressure.

Run-flat tires have reinforced sidewalls that protect the tire if there is a loss of pressure.

If the tire pressure monitoring system indicates a loss of pressure in one or several tires, you can continue driving on run-flat tires for at least 20 miles (30 km). Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the problem corrected.

Continuing to drive on run-flat tires is no longer possible if:

– There is visible damage to the tires, such as cracks in the sidewalls
– Strong vibrations are felt while driving, or the tire begins to smoke due to a strong build-up of heat
– The tire has been heavily damaged, for example in an accident. There is a risk that parts of the tire tread will detach and damage important vehicle components.
– The Electronic Stabilization Control (ESC) is not working or is continuously running
– The tire pressure monitoring system is not working

If it is no longer possible to continue driving despite having run-flat tires, see an authorized Audi dealer or authorized Audi Service Facility for assistance.

WARNING

Run-flat tires may only be used on vehicles that were equipped with them at the factory.
– The vehicle must have suspension designed for run-flat tires and a factory-installed tire pressure monitoring system.
– Incorrect use of run-flat tires can lead to vehicle damage or accidents. Contact an authorized Audi dealer or authorized Audi Service Facility to learn if run-flat tires may be used on your vehicle and if so, which ones.
– If run-flat tires are used, they must be installed on all four wheels. Mixing tire types is not permitted.
– If you have to drive when the tire pressure is too low or there is no tire pressure, note the following:
  – Do not drive faster than 50 mph (80 km/h) because this increases the risk of an accident. Observe any laws specific to the country where you are driving.
  – Avoid full-throttle acceleration, heavy braking, and fast cornering, because this increases the risk of an accident.
  – The vehicle may become more difficult to control.
  – See an authorized Audi dealer or authorized Audi Service Facility for assistance if the tire is too heavily damaged.
– Have the faulty tires replaced and the rims checked for damage by an authorized Audi dealer or authorized Audi Service Facility.
– The driver is responsible for the vehicle, for correcting the tire pressure, and for replacing faulty parts. Therefore, always adjust your driving to the current situation.

Tips

– Audi Original run-flat tires can be identified by the “AOE” labeling on the tire sidewall.
– You can use the tire mobility kit* on run-flat tires ⇨ *page 367*.

Care and cleaning

General information

Regular, proper care helps to maintain your vehicle's value. It can also be a requirement when submitting warranty claims for corrosion damage and paint defects on the body.

The required cleaning and care products can be obtained from an authorized Audi dealer or authorized Service Facility. Read and follow the instructions for use on the packaging.

WARNING

- Using cleaning and care products incorrectly can be dangerous to your health.
- Always store cleaning and care products out of reach of children to reduce the risk of poisoning.

For the sake of the environment

- Purchase environmentally-friendly cleaning products if possible.
- Do not dispose of cleaning and care products with household trash.

Car washes

The longer that deposits such as insects, bird droppings, tree sap or road salt remain on the vehicle, the more the surface can be damaged. High temperatures such as those caused by sunlight increase the damaging effect.

Before washing, rinse off heavy deposits with plenty of water.

Stubborn deposits such as bird droppings or tree sap are best removed with plenty of water and a microfiber cloth.

Also, wash the underside of your vehicle once road salt stops being used for the season.

Pressure washers

When washing your vehicle with a pressure washer, always follow the operating instructions provided with the pressure washer. This is especially important in regard to the pressure and spraying distance. Do not aim the spray directly at the seals on the side windows, doors, lids or the sunroof* or at tires, rubber hoses, insulating material, sensors* or camera lenses*. Keep a distance of at least 16 in (40 cm).

Plug-in hybrid drive: Do not direct the washer stream toward the wall mount clip*.

Do not remove snow and ice with a pressure washer.

Never use cone nozzles or high pressure nozzles. The water temperature must not be above 140 °F (60 °C).

Automatic car wash

Spray off the vehicle before washing.

Make sure that the windows and roof* are closed and the windshield wipers are off. Follow instructions from the car wash operator, especially if there are accessories attached to your vehicle.

If possible, use car washes that do not have brushes.

Washing by hand

Clean the vehicle starting from the top and working downward using a soft sponge or cleaning brush. Use solvent-free cleaning products.

Washing vehicles with matte finish paint by hand

To reduce the risk of damaging the paint when washing, first remove dust and large particles from your vehicle. Insects, grease spots, and fingerprints are best removed with a special cleaner for matte finish paint.

Apply the product using a microfiber cloth. To reduce the risk of damaging the paint surface, do not use too much pressure.

Rinse the vehicle thoroughly with water. Then clean using a neutral shampoo and a soft microfiber cloth.

Rinse the vehicle thoroughly again and let it air dry. Remove any water residue using a chamois. ▶

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WARNING

- To reduce the risk of accidents, only wash the vehicle when the ignition is off and follow the instructions from the car wash operator.
- To reduce the risk of cuts, protect yourself from sharp metal components when washing the underbody or the inside of the wheel housings.
- After washing the vehicle, the braking effect may be delayed due to moisture on the brake rotors or ice in the winter. This increases the risk of an accident. The brakes must be dried with a few careful brake applications.

Note

- If you wash the vehicle in an automatic car wash, you must fold the exterior mirrors in to reduce the risk of damage to the mirrors. Power folding exterior mirrors* must only be folded in and out using the power folding function.
- To reduce the risk of damage to the rims and tires, compare the width between the wheels on your vehicle with the distance between the guide rails in the car wash.
- To reduce the risk of damage, compare the height and width of your vehicle with the height and width of the inside of the car wash.
- To reduce the risk of paint damage, do not wash the vehicle in direct sunlight.
- To reduce the risk of damage, do not wash decorative decals* with a pressure washer.
- To reduce the risk of damage to the surface, do not use insect removing sponges, kitchen sponges, or similar items.
- When washing matte finish painted vehicle components:
  - To reduce the risk of damage to the surface, do not use polishing agents or hard wax.
  - Never use protective wax. It can destroy the matte finish effect.
  - Do not place any stickers or magnetic signs on vehicle components painted with matte finish paint. The paint could be damaged when the stickers or magnets are removed.

For the sake of the environment

Only wash the vehicle in facilities specially designed for that purpose. This will reduce the risk of dirty water contaminated with oil from entering the sewer system.

Cleaning and care information

When cleaning and caring for individual vehicle components, refer to the following tables. The information contained there is simply recommendations. For questions or for components that are not listed, consult an authorized Audi dealer or authorized Audi Service Facility. Also follow the information found in ⇨ ⚠.

Exterior cleaning

Component	Situation	Solution
Windshield wiper blades	Deposits	Soft cloth with glass cleaner ⇨ *page 49*
Headlights/ Tail lights	Deposits	Soft sponge with a mild soap solution[a)]
Sensors/ camera lenses	Deposits	Sensors: soft cloth with a solvent-free cleaning solution Camera lenses: soft cloth with an alcohol-free cleaning solution
	Snow/ice	Hand brush/solvent-free de-icing spray

Component	Situation	Solution
Wheels	Road salt	Water
	Brake dust	Acid-free special cleaning solution
Exhaust tail pipes	Road salt	Water, cleaning solution suitable for stainless steel, if necessary
Decorative parts/ trim	Deposits	Mild soap solution [a)], a cleaning solution suitable for stainless steel, if necessary
Paint	Paint damage	Repair with touch-up paint
	Spilled fuel	Rinse with water immediately
	Surface rust	Rust remover, then treat with hard wax; for questions, consult an authorized Audi dealer or authorized Audi Service Facility.
	Corrosion	Have it removed by an authorized Audi dealer or authorized Audi Service Facility.
	Water no longer beads on the surface of clean paint	Treat with hard wax (at least twice per year)
	No shine even though paint has been protected/paint looks poor	Treat with suitable polish; then apply paint protectant if the polish that was used does not contain any protectant
	Deposits such as insects, bird droppings, tree sap, and road salt	Dampen with water immediately and remove with a microfiber cloth
	Grease-based contaminants such as cosmetics or sunblock	Remove immediately with a mild soap solution [a)] and a soft cloth
Carbon components	Deposits	Clean the same way as painted components ⇨ *page 361*
Decorative decals	Deposits	Soft sponge with a mild soap solution[a)]
Audi e-tron charging system	Deposits	Soft, dry towel
Wall mount clip	Deposits	Soft towel with alcohol-free cleaning solution

a) Mild soap solution: maximum two tablespoons of neutral soap in 1 quart (1 liter) of water

Interior cleaning

Component	Situation	Solution
Window glass	Deposits	Glass cleaner, then wipe dry
Decorative parts/ trim	Deposits	Mild soap solution[a)]
Plastic parts	Deposits	Damp cloth
	Heavier deposits	Mild soap solution [a)], detergent-free plastic cleaning solution, if necessary

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Component	Situation	Solution
Displays/instrument cluster	Deposits	Soft cloth with LCD cleaner; dust in the lower area of the instrument cluster can be removed using a soft brush.
Controls	Deposits	Soft brush, then a soft cloth with a mild soap solution[a)]
Safety belts	Deposits	Mild soap solution [a)], allow to dry before letting them retract
Textiles, artificial leather, Alcantara	Deposits adhering to the surface	Vacuum cleaner
	Water-based deposits such as coffee, tea, blood, etc.	Absorbent cloth and mild soap solution[a)]
	Oil-based deposits such as oil, make-up, etc.	Apply a mild soap solution [a)], blot away the dissolved oil or dye, treat afterward with water, if necessary
	Specific types of deposits such as ink, nail polish, latex paint, shoe polish, etc.	Special stain remover, blot with absorbent material, treat afterward with mild soap solution, if necessary [a)]
Natural leather	Fresh stains	Cotton cloth with a mild soap solution[a)]
	Water-based deposits such as coffee, tea, blood, etc.	Fresh stains: absorbent cloth Dried stains: stain remover suitable for leather
	Oil-based deposits such as oil, make-up, etc.	Fresh stains: absorbent cloth and stain remover suitable for leather dried stains: Oil cleaning spray
	Specific types of deposits such as ink, nail polish, latex paint, shoe polish, etc.	Spot remover suitable for leather
	Care	Regularly apply conditioning cream that protects from light and penetrates into the material. Use special colored conditioning cream, if necessary.
Carbon components	Deposits	Clean the same way as plastic components

a) Mild soap solution: maximum two tablespoons of neutral soap in 1 quart (1 liter) of water

WARNING

The windshield must not be treated with water-repelling windshield coating agents. Under unfavorable conditions, such as wetness, darkness, and when the sun is low, these coatings can cause increased glare, which increases the risk of an accident. They can also cause wiper blade chatter.

WARNING

– Never immerse the Audi e-tron charging system and connectors in water.

– The Audi e-tron charging system must only be cleaned when the control unit is completely disconnected from the power supply and from the vehicle.

Note

– **Headlights and tail lights**
  – Never clean headlights or tail lights with a dry cloth or sponge.
  – Do not use any cleaning products that contain alcohol, because they could cause cracks to form.
– **Wheels**
  – Never use any paint polish or other abrasive materials.
  – Damage to the protective layer on the rims, such as stone chips or scratches, must be repaired immediately.
– **Camera lenses**
  – Never use warm or hot water to remove snow or ice from the camera lens. This could cause the lens to crack.
  – Never use abrasive cleaning materials or alcohol to clean the camera lens. This could cause scratches and cracks.
– **Door windows**
  – Remove snow and ice on windows and exterior mirrors with a plastic scraper. To reduce the risk of scratches, move the scraper only in one direction and not back and forth.
  – Never remove snow or ice from door windows and mirrors using warm or hot water because this could cause cracks to form.
  – To reduce the risk of damage to the rear window defogger, do not apply any stickers on the heating wires on the inside of the window.
– **Decorative parts and trim**
  – Never use chrome care or cleaning products.
– **Paint**
  – To reduce the risk of scratches, the vehicle must be free of dirt and dust before polishing or waxing.
  – To prevent paint damage, do not polish or wax the vehicle in direct sunlight.
  – To reduce the risk of paint damage, do not polish away rust spots.
  – Remove cosmetics and sunscreen immediately because they could damage the paint.
– **Decorative decals**
  – To reduce the risk of damage, do not use any rough powder or abrasive cleaning products.
  – To reduce the risk of damage, do not polish decorative decals that have a matte or printed finish.
  – Due to the risk of damage, do not use an ice scraper to remove snow and ice on windows with decorative decals on them.
– **Displays and instrument cluster**
  – Make sure that the instrument cluster is switched off and has cooled off before cleaning it.
  – Displays, the instrument cluster, and the trim surrounding it must not be cleaned with dry cleaning methods because they could become scratched.
  – Make sure no fluids enter the spaces between the instrument cluster and the trim, because that could cause damage.
– **Controls**
  – Make sure that no fluids enter the controls, because this could cause damage.
– **Safety belts**
  – Do not remove the safety belts to clean them.
  – Never clean safety belts or their components with chemicals or with corrosive fluids or solvents and never allow sharp objects to come into contact with the safety belts. This could cause damage to the belt webbing.
  – If there is damage to the webbing, the connections, the retractors, or the buckles, have them replaced by an authorized Audi dealer or authorized Audi Service Facility.
– **Textiles, artificial leather, and Alcantara**
  – Never treat artificial leather or Alcantara with leather care products, solvents, floor ▶

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polish, shoe polish, spot remover, or similar products.
- Have a cleaning specialist remove stubborn stains to reduce the risk of damage.
- Never use steam cleaners, brushes, hard sponges, etc. when cleaning.
- Do not turn on the seat heating* to dry the seat.
- Objects with sharp edges, such as zippers or rivets on clothing or belts, can cause damage to the surface.
- Open hook and loop fasteners, for example on clothing, can damage seat covers. Make sure hook and loop fasteners are closed.

– **Natural leather**
- Never treat leather with solvents, floor polish, shoe polish, spot remover or similar products.
- Objects with sharp edges, such as zippers or rivets on clothing or belts, can cause damage to the surface.
- Never use steam cleaners, brushes, hard sponges, etc. when cleaning.
- Do not turn on the seat heating* to dry the seat.
- To help prevent the leather from fading, do not leave the vehicle in direct sunlight for long periods of time. If leaving the vehicle parked for long periods of time, you should cover the leather to protect it from direct sunlight.

– **Wall mount clip**
- Do not us any abrasive cleaning products or any that contain alcohol, because these increase the risk of discoloration.

Tips

- Insects are easier to remove from paint that has been freshly waxed.
- Regular waxing can prevent rust spots from forming.
- Decorative decals can age due to environmental conditions, which can result in damage such as brittleness. The color may fade if exposed to excessive sunlight.

Taking your vehicle out of service

If you would like to take your vehicle out of service for a long period of time, contact an authorized Audi dealer or authorized Audi Service Facility. They will advise you of important measures, such as corrosion protection, service, and storage procedures. Also follow the information about the vehicle battery ⇨ *page 336*.

Emergency assistance

General information

- ▸ Park the vehicle as far as possible from moving traffic in the event of a breakdown. In the event of a flat tire, park the vehicle on a level surface. If you are on a steep hill, be especially careful.
- ▸ Set the parking brake.
- ▸ Switch the emergency flashers on.
- ▸ Have the passengers exit the vehicle. They should move to a safe place, for example behind a guard rail.

WARNING

Follow the steps given above. This is for your protection and the for the safety of others on the road.

Equipment

Vehicle tool kit, tire mobility kit, and vehicle jack

Applies to: vehicles with the vehicle tool kit, tire mobility kit, and vehicle jack



Fig. 273 Luggage compartment: cargo floor cover

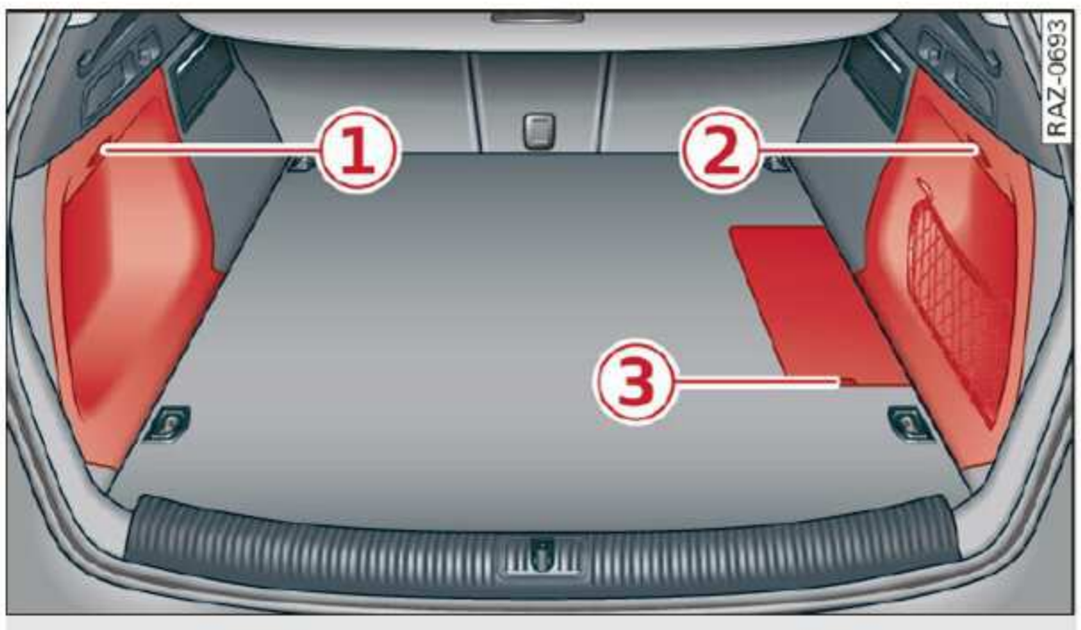


Fig. 274 -Applies to: vehicles with plug-in hybrid drive- Luggage compartment: side trim panel and compartment

The vehicle tool kit, vehicle jack, tire mobility kit and compressor are stored in the luggage compartment under the cargo floor cover.

- ▸ Lift the cargo floor using the handle ⇨ *fig. 273*.
- ▸ Applies to: vehicles with spare tire: Remove the handle by turning it counter-clockwise and remove the spare tire.

Plug-in hybrid drive

The vehicle tool kit, the tire mobility kit and the compressor are located in the side trim panel ① and ② and in the compartment ③ under the cargo floor cover ⇨ *fig. 274*.

Tips

- The vehicle jack* does not require any maintenance.
- Plug-in hybrid drive: The vehicle must not be operated without the tire repair set.

Tire mobility kit

Preparation

Applies to: vehicles with tire mobility kit

- ▸ Read and follow the important safety precautions ⇨ *page 367*.
- ▸ Set the parking brake.
- ▸ Select the “P” position.
- ▸ Check if a repair with the tire mobility kit is possible ⇨ *page 367*.

Using the tire mobility kit

Applies to: vehicles with tire mobility kit

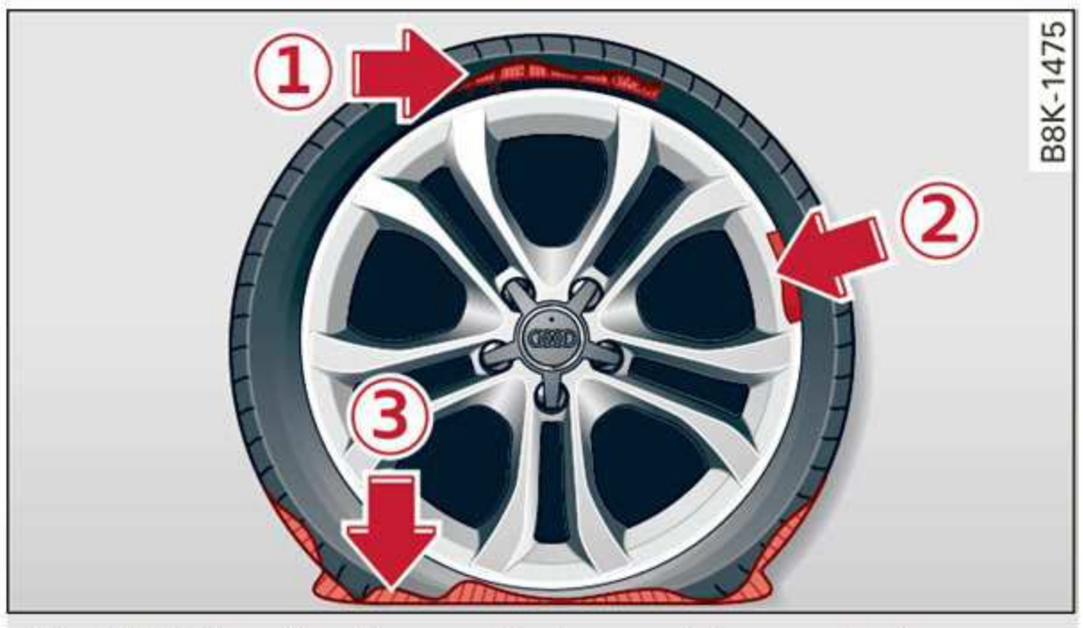


Fig. 275 Tire: tire damage that cannot be repaired

The tire repair is only meant for temporary use. Change the damaged tire as soon as possible ⇨ ⚠.

If the tire is pierced by an object such as a nail, do not remove the object from the tire.

The tire mobility kit can be used at temperatures as low as -4 °F (-20 °C).

The tire mobility kit must not be used:

– If the tire has cuts or punctures that are larger than 0.16 in (4 mm) (1) ⇨ *fig. 275*
– If the rim is damaged (2)
– If you have driven with very low tire pressure or without air in the tire (3)

See an authorized Audi dealer or authorized Audi Service Facility for assistance in these situations.

WARNING

– Please note that the tire mobility kit cannot be used in all situations, and that it may only be used temporarily.
– The tire sealant must not come in contact with skin, eyes, or clothing.
– If tire sealant comes into contact with your eyes or your skin, thoroughly rinse the affected area immediately with clean water.
– Do not inhale the fumes.
– If you swallow any of the tire sealant, thoroughly rinse your mouth immediately and drink a lot of water. Do not induce vomiting. Seek medical attention immediately.
– Change your clothing immediately if it comes into contact with tire sealant.
– If an allergic reaction occurs, seek medical attention immediately.
– Keep the tire sealant away from children.

Tips

– If sealant leaks, allow it to dry in place. You can then peel it off like a sticker.
– Note the expiration date on the sealant bottle. Replace the tire sealant at an authorized Audi dealer or authorized Audi Service Facility.
– Radio reception can be interrupted when operating the compressor.
– Follow the legal regulations that are applicable in the country where you are operating the vehicle.

Repairing tires

Applies to: vehicles with tire mobility kit

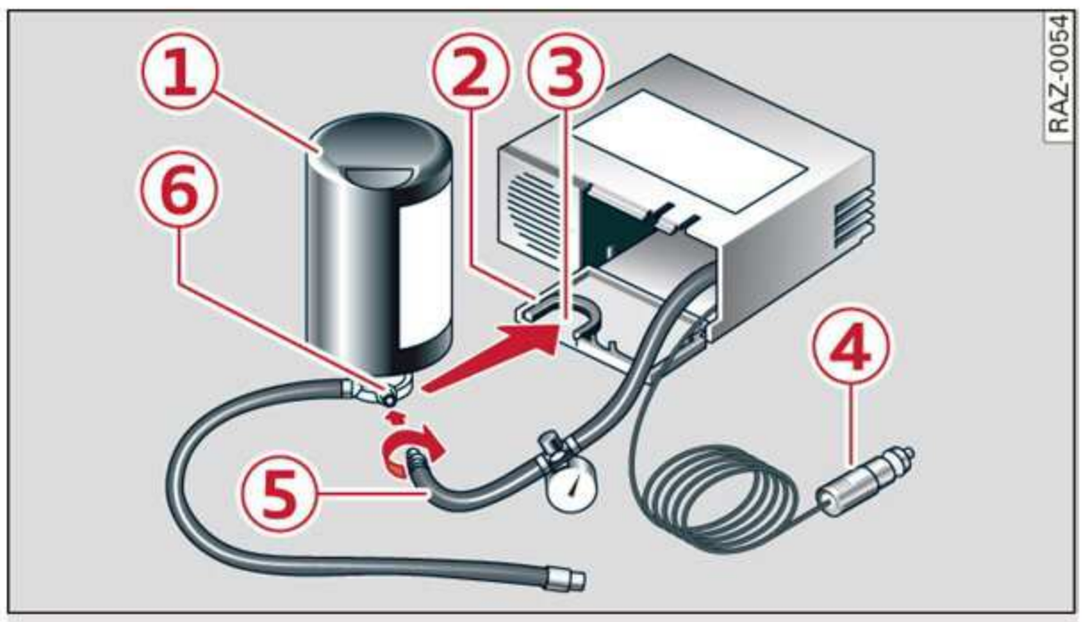


Fig. 276 Components of the tire mobility kit

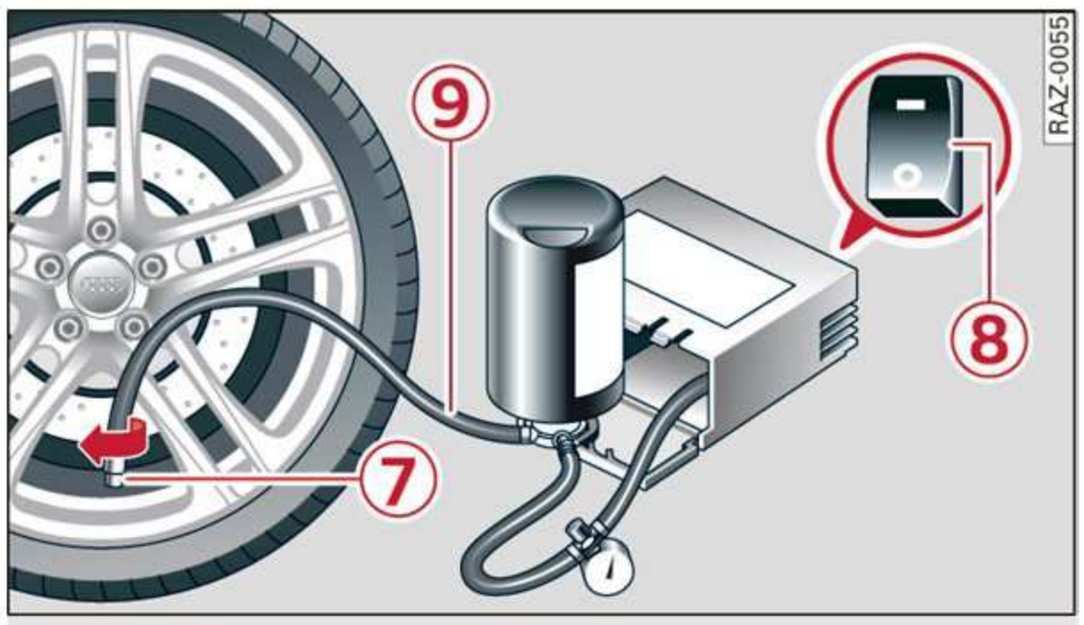


Fig. 277 Tire mobility kit connection

Requirement: the tire mobility kit must be laid out and ready for use ⇨ *page 367*.

Setting up the tire mobility kit

▸ Open the cover (2) on the compressor[1] ⇨ *fig. 276*.
▸ Remove the connector (4) and pressure hose (5) with pressure gauge from the housing.
▸ Connect the compressor pressure hose (5) to the flange (6) on the tire sealant bottle (1).
▸ Insert the sealant bottle with the flange at the bottom into the opening (3) on the compressor cover.
▸ Remove the valve cap from the faulty tire.
▸ Install the filler hose (9) on the valve (7) ⇨ *fig. 277*. ▶

1) The compressor may look different. However, the way it is operated is generally the same.

- ▸ Connect the plug ④ ⇨ *fig. 276* to an outlet in the vehicle.
- ▸ Switch the ignition on.

Inflating a tire

- ▸ Move the switch ⑧ ⇨ *fig. 277* on the compressor into position **I**.
- ▸ Inflate the tire to between 29 psi (200 kPA) and 36 psi (250 kPA) and read the pressure on the gauge.
- ▸ If this tire pressure is not reached, remove the filler hose. Drive slowly approximately 33 feet (10 m) forward or in reverse so that the sealant can be distributed in the tire. Inflate the tire again ⇨ ⚠.

WARNING

- – Read and follow the manufacturer's safety precautions on the compressor and in the instructions on the bottle of sealant.
- – If a tire pressure of 29 psi (200 kPA) cannot reached after inflating for 6 minutes, then the tire is too severely damaged. Do not continue driving.
- – If the tire cannot be repaired with the tire sealant, see an authorized Audi dealer or authorized Audi Service Facility for assistance.

Tips

Do not operate the compressor for more than six minutes continuously, or it can overheat. Once the compressor has cooled, you can continue to use it.

Completing

Applies to: vehicles with tire mobility kit

- ▸ Affix the sticker that says "max. 50 mph (max. 80 km/h)" that is provided with the tire mobility kit within the driver's field of vision.
- ▸ Stop the vehicle after driving for about 10 minutes and check the tire pressure.
- ▸ If the tire pressure is lower than 19 psi (130 kPA), then the tire is too severely damaged. Do not continue driving.

WARNING

Pay attention to the following after repairing the tire:

- – Do not drive faster than 50 mph (80 km/h).
- – Avoid hard acceleration or braking and driving fast around curves.
- – The vehicle may become more difficult to control.
- – If the tire is too severely damaged, see an authorized Audi dealer or authorized Audi Service Facility for assistance.

For the sake of the environment

You can give the used tire sealant bottle to an authorized Audi dealer or authorized Audi Service Facility for disposal.

Tips

Remember to obtain a new bottle of sealant from an authorized Audi dealer or authorized Audi Service Facility after repairing a tire.

Changing a tire

Preparation

You must complete the preparation before changing a tire.

- ▸ Read and follow the important safety precautions ⇨ *page 367*.
- ▸ Set the parking brake.
- ▸ Select the “P” position.
- ▸ When towing a trailer: disconnect the trailer from your vehicle.
- ▸ Switch on wheel change mode* in the Infotainment system: MENU button > **Vehicle** > left control button > **Service & checks** > **Air suspension: wheel change**.
- ▸ Switch the ignition off.

WARNING

The vehicle must also be secured to prevent it from rolling when using the vehicle jack*. Use suitable objects to block the front and back of the wheel that is diagonal from the wheel with the flat tire.

Removing the caps



Fig. 278 Wheel: wheel bolts with caps

- ▸ Slide the plastic clip from the vehicle tool kit onto the cap until it engages ⇨ *fig. 278*.
- ▸ Remove the cap with the plastic clip.

Loosening the wheel bolts



Fig. 279 Wheel: loosening the wheel bolt

- ▸ Slide the wheel wrench from the vehicle tool kit all the way onto the wheel bolt.
- ▸ Turn the wheel bolt approximately one turn to the left. To achieve the required torque, hold the end of the wheel wrench. If the wheel bolt will not loosen, press carefully on the wheel wrench with your foot. Hold onto the vehicle securely while doing this and make sure your footing is stable.

WARNING

To reduce the risk of an accident, only loosen the wheel bolts gently one turn before raising the vehicle with the vehicle jack*.

Raising the vehicle

Applies to: vehicles with vehicle jack

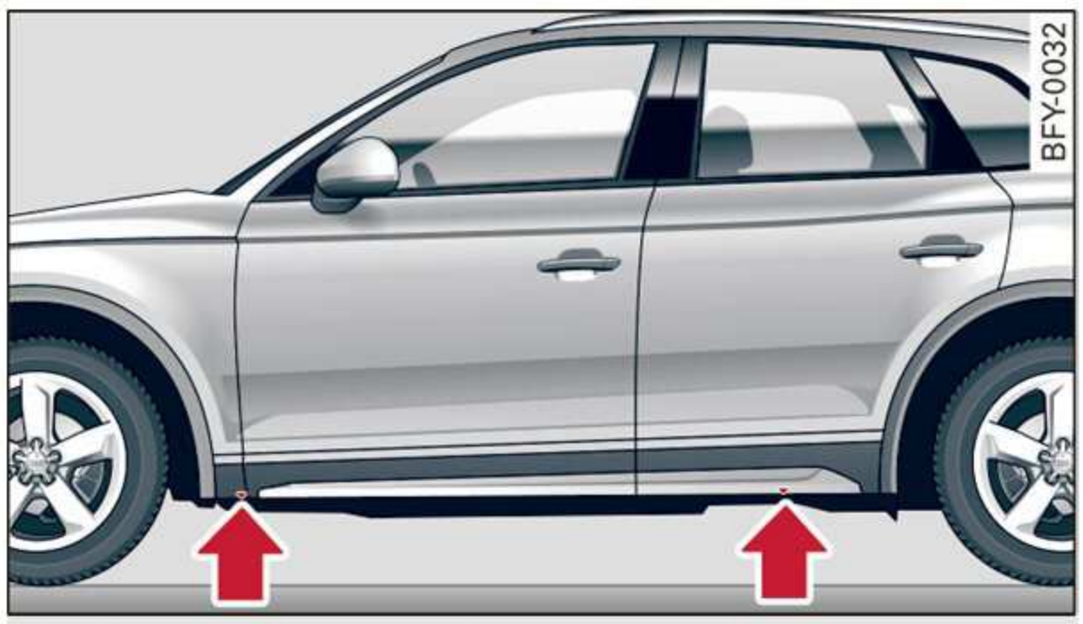


Fig. 280 Sill panels: markings

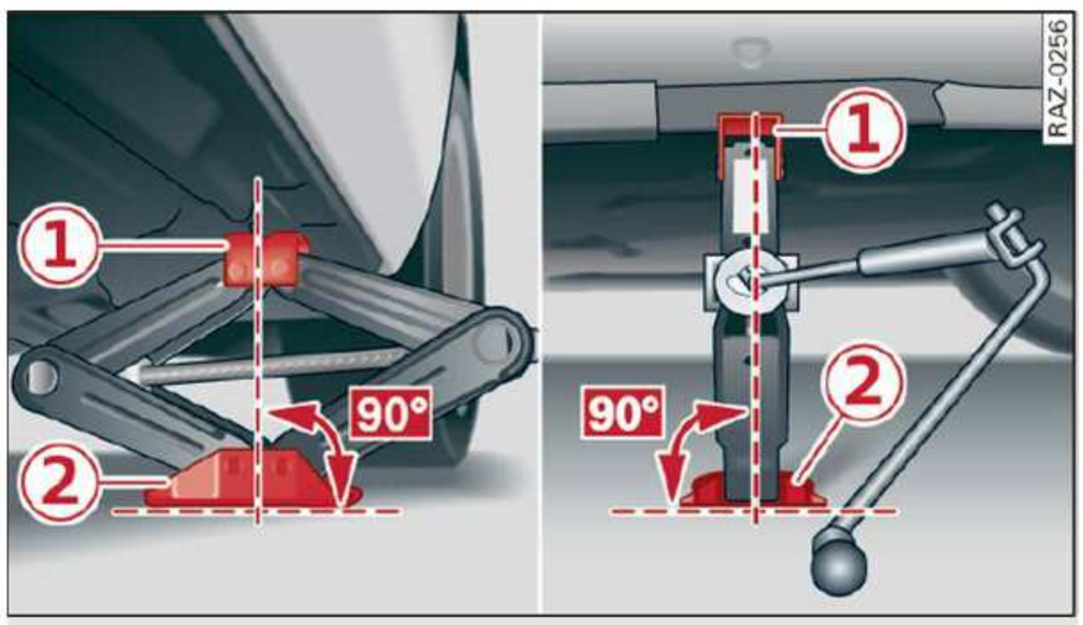


Fig. 281 Sill: positioning the vehicle jack

- ▸ Place the vehicle jack from the vehicle tool kit on a firm surface. Use a flat, stable support if necessary. On a slippery surface such as tile, you should use a non-slip pad such as a rubber mat ⇨ ⚠.
- ▸ Find the marking on the sill that is closest to the tire that will be changed ⇨ *fig. 280*. Behind the marking, there is a lifting point on the side sill for the vehicle jack.
- ▸ Turn the handwheel to raise the vehicle jack under the lifting point on the side sill until the bracket on the jack (1) completely covers the notch on the vehicle.
- ▸ Align the vehicle jack so the bracket (1) covers the notch and the base (2) is flat on the ground. The base (2) must be directly under the mounting point (1).
- ▸ Mount the crank on the vehicle jack: insert the crank into the opening on the handwheel. Turn the crank to the left or right to secure it.
- ▸ Continue raising the vehicle jack with the crank until the wheel lifts off the ground slightly. ▶

WARNING

- To reduce the risk of injury, make sure no one is in the vehicle before raising it.
- Make sure the vehicle jack is stable. The risk of injury is increased when the ground is slippery or soft, because the vehicle jack could slide or sink.
- Only raise your vehicle with the vehicle jack provided by the factory. If you use a vehicle jack designed for another vehicle, your vehicle could slip and cause injury.
- Position the vehicle jack only at the designated mounting points on the side sill and align the jack. Otherwise, the vehicle jack could slip and cause an injury if it does not have sufficient hold on the vehicle.
- To reduce the risk of injury, do not raise any other vehicles or other loads using the vehicle jack provided by the factory.
- vehicles with air suspension: Changes in temperature or load can affect the height of the vehicle.
- To reduce the risk of an accident, never start the engine when the vehicle is raised.
- To reduce the risk of injury, no work should be performed under the vehicle while it is raised.

Note

Do not lift the vehicle by the sill. Position the vehicle jack only at the designated mounting points on the side sill. Otherwise, your vehicle could be damaged.

Removing and installing a wheel

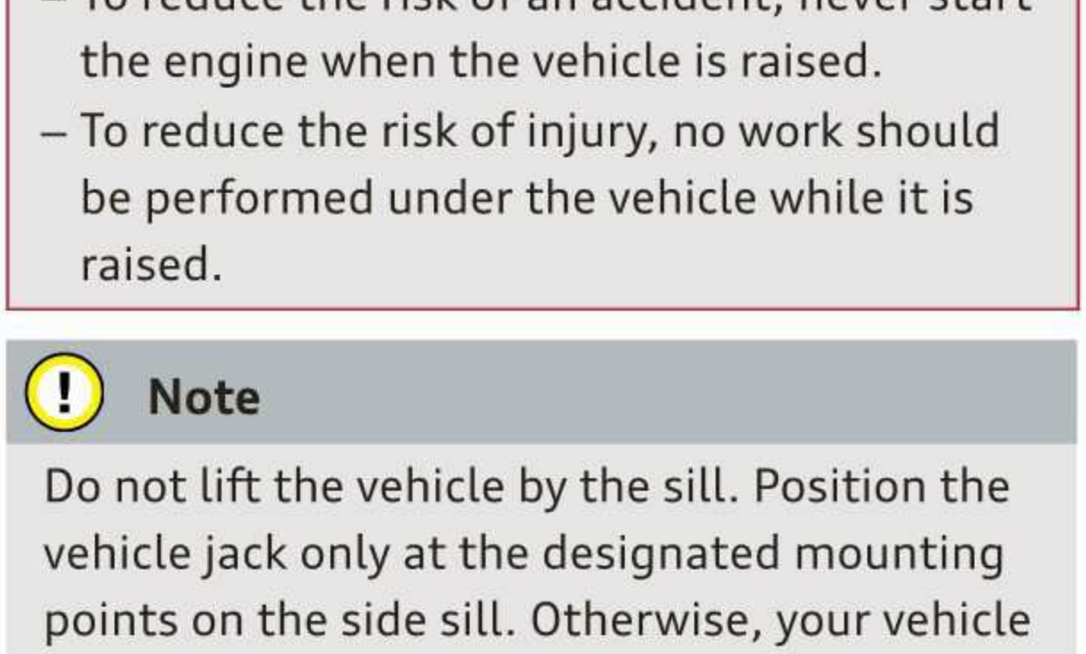


Fig. 282 Wheel: internal hex socket to turn the wheel bolts



Fig. 283 Wheel: alignment pin in the top hole

Removing a wheel

- ▸ Remove the top wheel bolt completely using the hex socket in the screwdriver handle from the vehicle tool kit ⇨ *fig. 282* and place it on a clean surface.
- ▸ Then install the alignment pin from the vehicle tool kit in the empty wheel bolt hole by hand ⇨ *fig. 283*.
- ▸ Remove the rest of the wheel bolts.
- ▸ Remove the wheel ⇨ (!). The alignment pin remains in the hole while doing this.

Installing a wheel

Read the directions on ⇨ *page 372* when installing unidirectional tires.

- ▸ Slide the wheel on over the alignment pin ⇨ (!).
- ▸ Install the wheel bolts and tighten them gently using the hex socket.
- ▸ Remove the alignment pin and tighten the remaining wheel bolt.
- ▸ Carefully lower the vehicle using the vehicle jack*.
- ▸ Tighten the wheel bolts in a diagonal pattern using the wheel wrench.

The wheel bolts must be clean and loosen and tighten easily. Check the contact surfaces for the wheel and hub. Contaminants on these surfaces must be removed before installing the wheel.

WARNING

- Read and follow the important information and notes under ⇨ *page 348*.
- Never use the hex socket in the screwdriver handle or the hex socket wrench with the ratchet to loosen or tighten the wheel bolts. This increases the risk of an accident, ▶

because you will not be able to achieve the correct tightening specification.

Note

When removing or installing the wheel, the rim could hit the brake rotor and damage the rotor. Work carefully and have a second person help you.

Unidirectional tires

A unidirectional tire profile is identified by arrows on the tire sidewall that point in the running direction. You must always maintain the specified running direction. This is necessary to ensure the tire's optimal performance in regard to adhesion, running noise, and friction, and to reduce the risk of hydroplaning.

To benefit fully from the advantages of the unidirectional tire design, you should replace faulty tires as soon as possible and restore the correct running direction on all of the tires.

Finishing

- ▸ Reinstall the caps on the wheel bolts if necessary.
- ▸ Store the vehicle tool kit in its designated place.
- ▸ If the removed wheel does not fit in the spare wheel well, store it securely in the luggage compartment ⇨ *page 61*.
- ▸ Check the tire pressure on the installed wheel as soon as possible.
- ▸ Correct the tire pressure and store it in the Infotainment system ⇨ *page 359*.
- ▸ The wheel bolt tightening specification must be 100 ft lbs (140 Nm). Have it checked as soon as possible with a torque wrench. Drive carefully until then.
- ▸ Have the faulty wheel replaced as quickly as possible.

Collapsible spare tire

Applies to: vehicles with collapsible spare tire

The collapsible spare tire is intended for short-term use only. Have the damaged tire checked and replaced if necessary by an authorized Audi dealer or authorized Audi Service Facility as soon as possible.

There are some restrictions on the use of the collapsible spare tire. The collapsible spare tire has been designed specifically for your type of vehicle. Do not replace it with the collapsible spare tire from another type of vehicle.

The collapsible spare tire is located in the luggage compartment under the cargo floor cover.

Requirement: the vehicle tool kit ⇨ *page 367* and the compressor must be laid out.

Removing

- ▸ Lift the cargo floor using the handle.
- ▸ Turn the handwheel counter-clockwise and remove it.
- ▸ Remove the collapsible spare tire.

You must inflate the collapsible spare tire beforehand in order to use it.

Inflating

- ▸ Remove the valve cap from the collapsible spare tire.
- ▸ Tighten the compressor hose on the collapsible spare tire valve.
- ▸ Connect the compressor hose to a vehicle socket and switch it on.
- ▸ Let the compressor run until the specified value on the tire pressure sticker is reached ⇨ *page 351, fig. 272* ⇨ (!).
- ▸ Screw the valve cap back onto the valve.

Returning to storage

- ▸ Remove the valve cap to drain the air.
- ▸ Wait several hours before placing the collapsible spare tire in the spare wheel well. Only then will it fold down completely so that you can store it securely.
- ▸ Then screw the valve cap back onto the valve.
- ▸ Secure the collapsible spare tire with the handwheel.
- ▸ Fold the cargo floor cover back into place.

Snow chains

Using snow chains on the collapsible spare tire is not permitted for technical reasons. ▶

If you need to drive with snow chains and your vehicle has a flat tire, install the collapsible spare tire on the axle where snow chains are **not** permitted ⇨ *page 356*. Install the snow chains on the tire that you removed, and install that in place of the flat tire.

WARNING

– Only use the collapsible spare tire in emergencies and drive very carefully, especially if it is more than six years old.
– The compressor and the hose can become very hot during operation which increases the risk of burn injuries.
– After installing a collapsible spare tire, the tire pressure must be checked as quickly as possible to reduce the risk of an accident.
– Do not drive faster than 50 mph (80 km/h) with the collapsible spare tire. Driving faster than that increases the risk of an accident.
– To reduce the risk of an accident, avoid hard acceleration or braking and driving fast around curves with the collapsible spare tire.
– Never drive using more than one collapsible spare tire, because this increases the risk of an accident.
– Normal tires or winter tires must not be mounted on the collapsible spare tire rim.

Note

The compressor must be switched off after six minutes at the most to reduce the risk of overheating. Let the compressor cool down for several minutes before using it again.

Jump starting

Preparation

You should only perform the steps that follow if you have the necessary tools and technical expertise.

If the engine does not start because the vehicle battery is drained, you can jump start your vehicle using another vehicle. Jump start cables are needed to do this.

Both vehicle batteries must have 12 V nominal voltage. The voltage capacity (Ah) of the vehicle battery that is giving power must not be less than the capacity of the drained vehicle battery.

Jump start cable

Only use a jump start cable with a large enough diameter. Note the manufacturer's specifications.

Only use a jump start cable with insulated terminal clamps.

Positive cable - usually red.

Negative cable - usually black.

WARNING

– A drained battery can freeze at temperatures around 32 °F (0 °C). If the vehicle battery is frozen, it must be thawed before connecting the jump start cables. If it is not, the risk of an explosion and chemical burns increases. After jump starting the vehicle, drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the vehicle battery checked.
– Read the warnings when working in the engine compartment ⇨ *page 327*.
– Handling the jump start cables incorrectly may cause the vehicle battery to explode and lead to serious injuries.

Note

– Jump start cables can cause considerable damage to the vehicle electrical system if they are connected incorrectly.
– Plug-in hybrid drive: You must **not** give a jump start with your vehicle. This could cause significant damage to the electrical system in your vehicle.

Tips

– There must be no contact between the vehicles, or else voltage could flow when connecting the positive terminal and drain the vehicle battery of the vehicle providing the jump start. ▶

– The drained vehicle battery must be connected correctly to the electrical system.
– Switch off electrical equipment that is not needed.

Jump starting

Both jump start cables must be connected in the correct order.

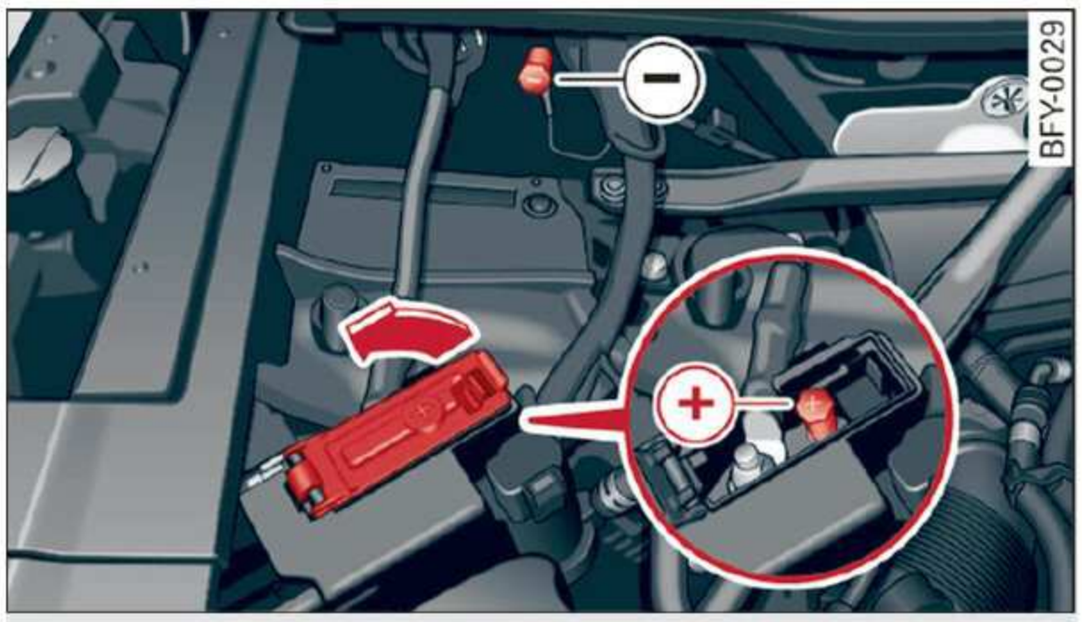


Fig. 284 Engine compartment: connectors for jump start cables or a charger

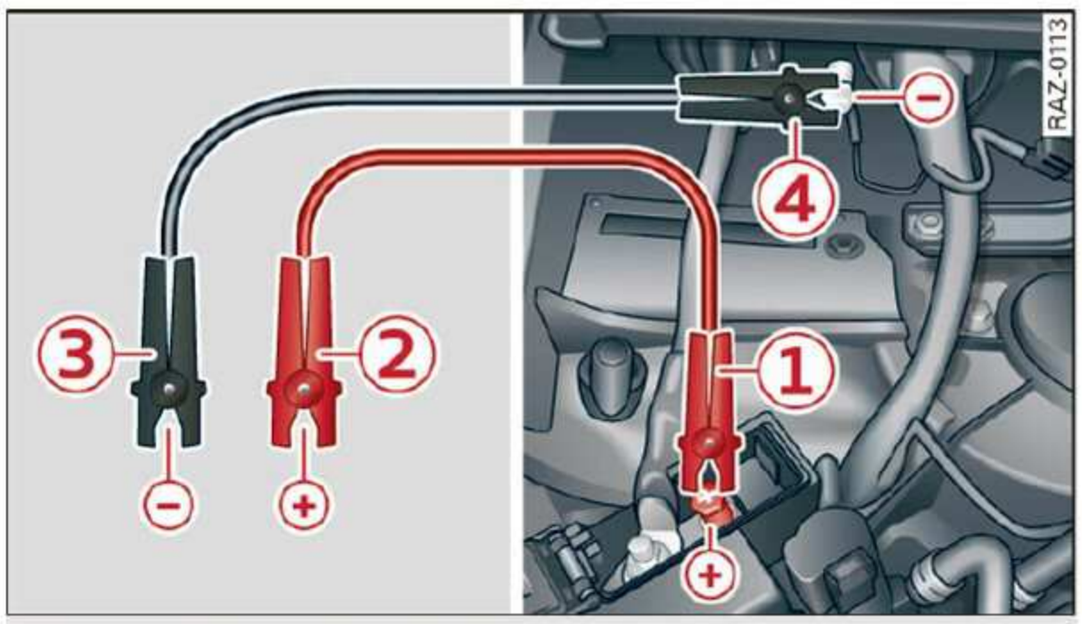


Fig. 285 Connecting the jump start cables

The jump start cable connections are located in the engine compartment.

Follow the information about the vehicle battery ⇨ *page 336*.

Connecting the positive cable (red) to the positive terminal

▸ Open the red cover on the positive terminal ⇨ *fig. 284*.

1. Attach one end of the positive cable (red) to the jump-start pin ① ⇨ *fig. 285* on your vehicle.
2. Attach the other end of the positive cable (red) to the positive terminal ② on the power source.

Connecting the negative cable (black) to the negative terminal

3. Attach one end of the negative cable (black) to the negative terminal ③ on the power source.
4. Attach the other end of the negative cable (black) to the jump-start pin ④ on the vehicle.

Starting the engine

▸ Start the engine in the vehicle giving the charge and let it run at idle.
▸ Now start the engine in your vehicle, which has the drained battery.
▸ If the engine does not start, stop the starting procedure after 10 seconds and then repeat it after approximately 30 seconds.
▸ Turn on the rear window defogger in your vehicle in order to reduce any voltage peaks that may occur when disconnecting the jump start cables. The headlights must be switched off.
▸ With the engines running, remove the cables in reverse order of the way they were installed.
▸ Close the red cover on the positive terminal.

⚠ WARNING

– Never connect the jump start cable directly to your vehicle battery. Only use the connections in the engine compartment.
– Do not touch the non-insulated parts of the terminal clamps. The cable must also not come into contact with vehicle components that conduct electricity when it is connected to the positive vehicle battery terminal. This can cause a short circuit.
– The plugs on the battery cells must not be opened.
– Keep ignition sources (such as open flames, burning cigarettes, etc.) away from the vehicle batteries to reduce the risk of an explosion.
– Route the jump start cables so they cannot get caught in the moving parts in the other vehicle's engine compartment. ▶

Note

Please note that the connecting process previously described for the jump start cables is intended for when your vehicle is being jump started.

Tips

Make sure that the connected jump start cables have sufficient contact with metal.

Towing

General information

You should only perform the steps that follow if you have the necessary tools and technical expertise.

Towing requires a certain amount of practice. Audi recommends contacting a towing company to have the vehicle transported.

You should only have your vehicle towed by another vehicle when disabled in exceptional circumstances. Inexperienced drivers should not tow.

Notes on towing

When the engine is stopped, the transmission will not be sufficiently lubricated if traveling at high speeds and long distances:

- The maximum permitted towing speed is 30 mph (50 km/h).
- The maximum permitted towing distance is 30 miles (50 km).

Additional information on towing with a tow truck

The vehicle may only be towed with the front axle raised. Do not wrap any chains or cables around the brake lines.

Tow bar and towing cable

The vehicle can be towed with a tow bar or towing cable. Both drivers should be familiar with the special considerations when towing, especially when using a towing cable.

Always make sure the traction force does not exceed the permitted level and there are no shock loading conditions. There is always the risk of the coupling becoming overloaded when driving off-road.

For the most safety and security, drive with a tow bar. You should use a towing cable only if a tow bar is not available. Use a towing cable made of synthetic elastic cable similar elastic material.

WARNING

- Towing highly increases the risk of an accident, for example from colliding with the towing vehicle.
- To reduce the risk of an accident, do not allow anyone to remain inside the vehicle when it is being transported by a tow truck or a special transporter.

Note

- If normal towing is not possible, for example if the transmission is faulty or if the towing distance is greater than 30 miles (50 km), then transport the vehicle on a special carrier.
- If the vehicle is towed by a tow truck at the axle that is not permitted, this can cause severe damage to the transmission.
- The vehicle must not be tow started for technical reasons.

Tips

- If the power supply is interrupted, then it will not be possible to move the selector lever out of the "P" position. The parking lock must be released using the emergency release before towing the vehicle ⇨ *page 81*.
- Follow the local legal regulations for towing.

Towing

Read and follow the important information under ⇨ *page 375*.

Preparations

- ► Only secure the towing cable or tow bar at the designated towing loops ⇨ *page 376*, ⇨ *page 376*.
- ► Make sure the towing cable is not twisted. Otherwise it could disconnect from the towing loop while towing.
- ► Switch the emergency flashers on in both vehicles ⇨ *page 43*. However, do not do this if it prohibited by law.

Towing vehicle (front)

- ► Only start to drive when the towing cable is taut.
- ► Press the brake pedal very carefully.
- ► Avoid sudden braking or driving maneuvers.

Vehicle being towed (rear)

- ► Make sure the ignition is switched on so that the steering wheel is not locked and so that you can use the turn signals, the horn, and the windshield wipers if needed ⇨ ⚠.
- ► Switching it off before the vehicle has stopped may impair the function of the brake booster and power steering. You would then need to use more force to steer and brake the vehicle.
- ► Release the parking brake ⇨ *page 89*.
- ► Select the “N” selector lever position.
- ► Make sure the towing cable is always taut.

⚠ WARNING

Never tow a vehicle using a tow bar or towing cable if the vehicle does not have electrical power.

Front towing loop

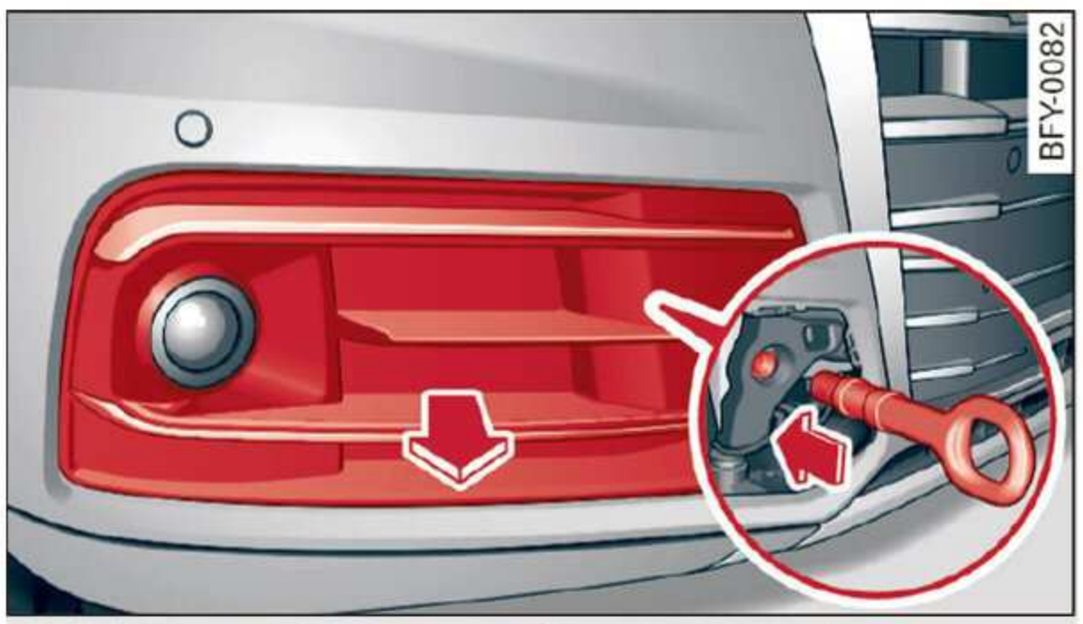


Fig. 286 Front bumper: installing the towing loop

The threaded opening for the towing loop is located on the right side of the front bumper.

- ► Remove the towing loop from the vehicle tool kit ⇨ *page 367*.
- ► Pull sharply on the trim in the direction of the arrow to remove ⇨ *fig. 286*.
- ► Tighten the towing loop in the threaded opening until it stops and then tighten it with a wheel wrench.
- ► After using, place the towing loop back in the vehicle tool kit.

⚠ WARNING

If the towing loop is not tightened until it stops when installing, the threads may be pulled out when towing the vehicle and result in an accident.

! Note

The trim is attached to the bumper with several hooks. To reduce the risk of damage, do not use any force when removing and installing.

Rear towing loop

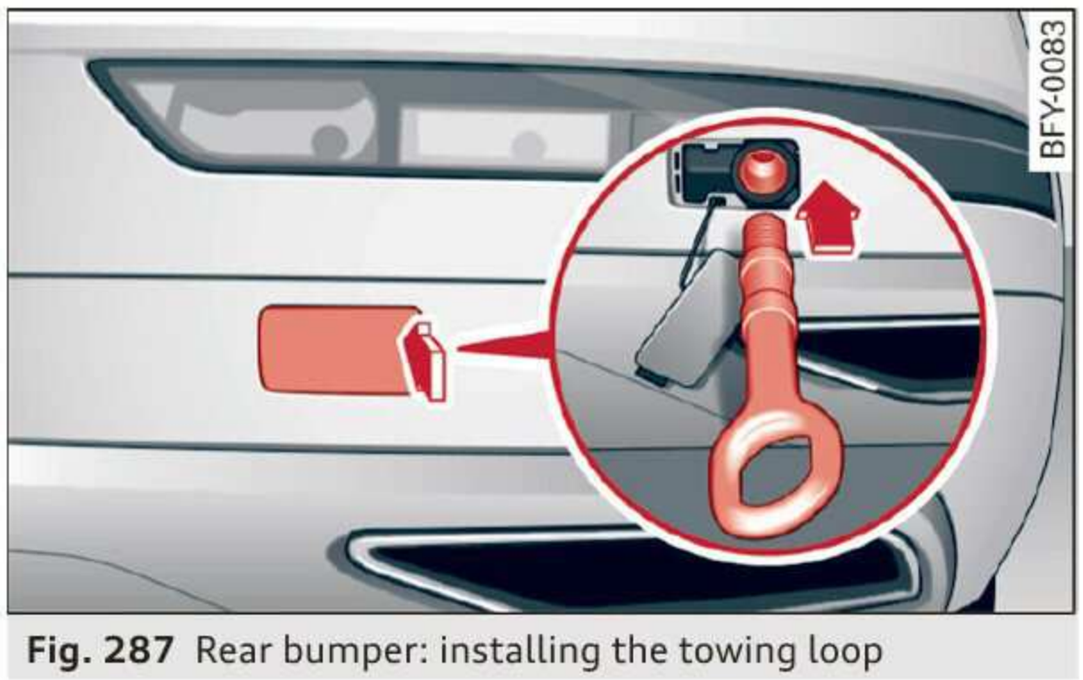


Fig. 287 Rear bumper: installing the towing loop

Vehicles with a towing loop

On vehicles without a factory-installed trailer hitch*, the towing loop threads are located on the right rear side of the bumper.

- ► Remove the towing loop from the vehicle tool kit ⇨ *page 367*.
- ► Press the cap inward with brief, strong pressure ⇨ *fig. 287*. The cap will loosen from the bumper. ▶

- ► Tighten the towing loop in the threaded opening until it stops and then tighten it with a wheel wrench.
- ► After using, place the towing loop back in the vehicle tool kit.

Vehicles with a trailer hitch*

- ► Attach the tow bar or the towing cable to the trailer hitch.

Vehicles with a factory-installed trailer hitch* are **not** equipped with towing loop threads at the rear.

WARNING

If the towing loop is not tightened until it stops when installing, the threads may be pulled out when towing the vehicle and result in an accident.

Note

To reduce the risk of damaging the trailer hitch*, only use suitable tow bars that are compatible with it. If a tow bar is not available, you can use a towing cable.

Fuses and bulbs

Fuses

Replacing fuses

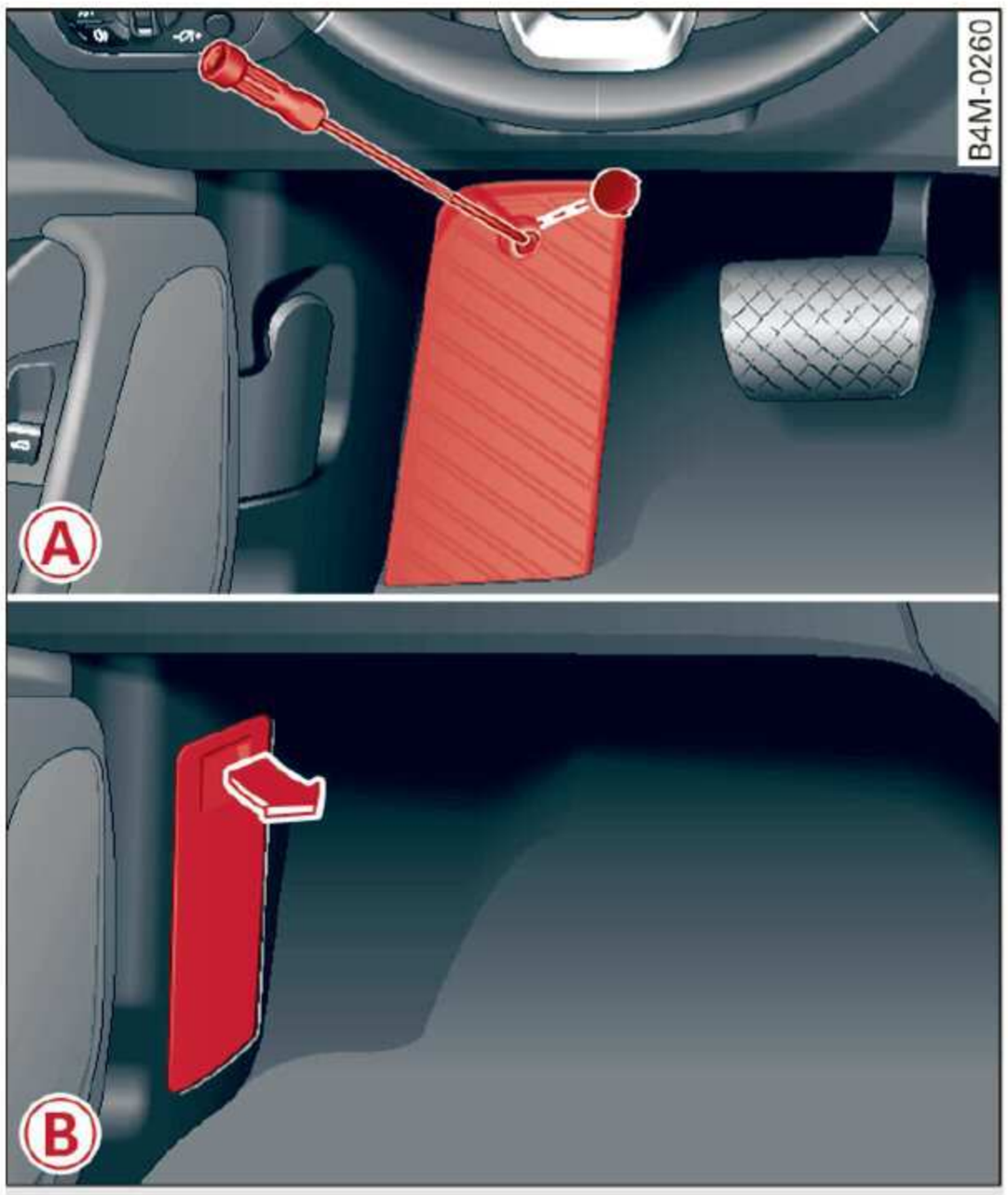


Fig. 288 Driver's side footwell (left-hand drive vehicles): footrest Ⓐ, front passenger's footwell (right-hand drive vehicles): cover Ⓑ

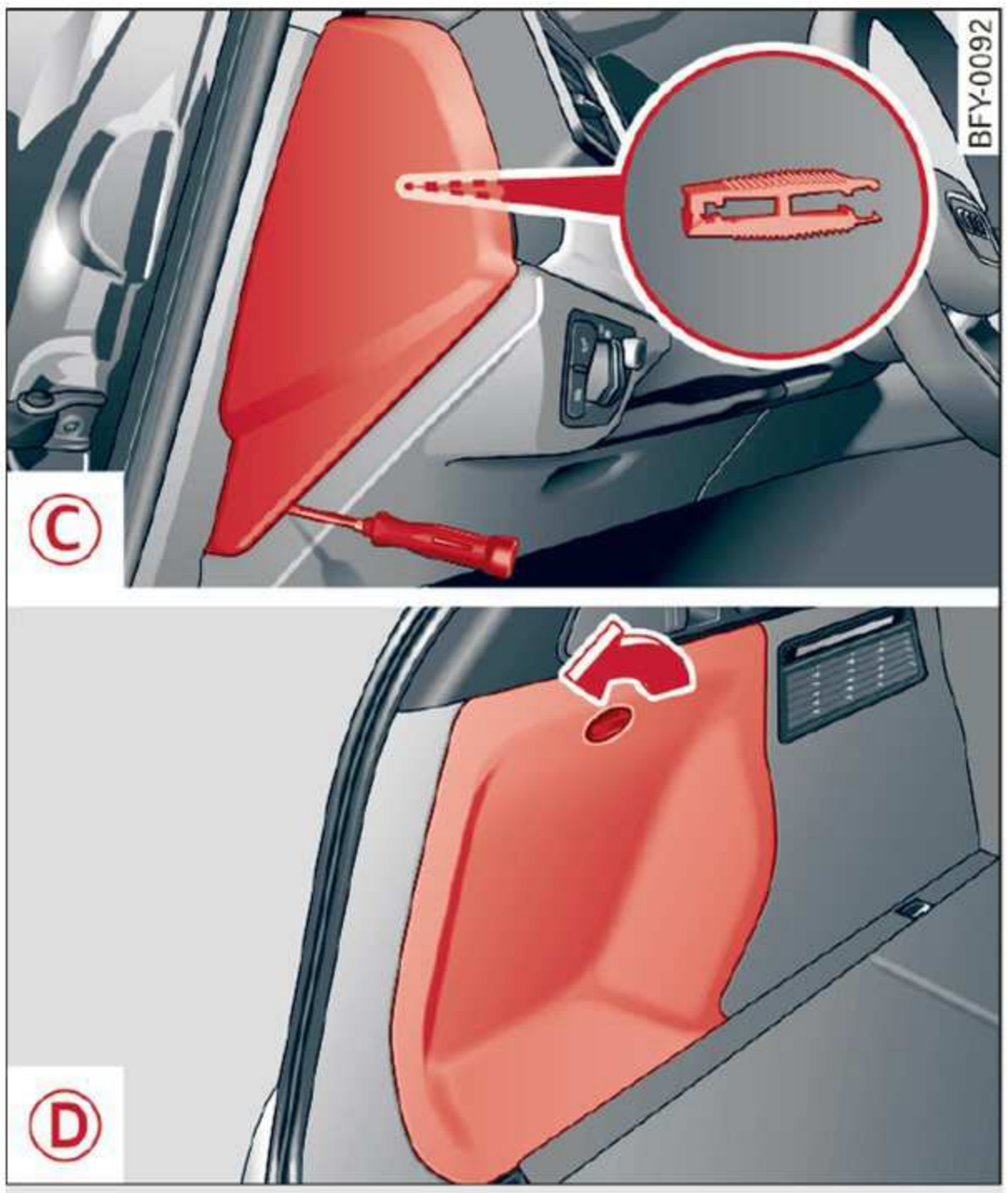


Fig. 289 Driver's side cockpit (left-hand drive/right-hand drive vehicles): cover Ⓒ, left side of luggage compartment: cover Ⓓ

A fuse that has blown will have metal strips that have burned through.

The fuses are located in the footwell under the foot rest (left-hand drive vehicle) Ⓐ or behind the cover (right-hand drive vehicle) Ⓑ. Additional fuses are located on the front side of the cockpit (driver's side) Ⓒ and under the left cover in the luggage compartment Ⓓ.

- ▸ Switch the ignition and all electrical equipment off.
- ▸ Check the table that follows to see which fuse belongs to the equipment.
- ▸ Remove the screwdriver and the reversible Torx bit from the vehicle tool kit ⇨ *page 367*.
- ▸ Remove the footrest or the corresponding cover.
- ▸ Remove the colored plastic clip from the fuse panel, if necessary ⇨ *page 379, fig. 290*.
- ▸ Remove the clip from the rear side of the cover Ⓒ.
- ▸ Remove the fuse using the clip.
- ▸ Replace the blown fuse only with a fuse that has the same amp rating.
- ▸ Reinstall the plastic bracket.
- ▸ Reattach the footrest or the cover.

Fuse color identification

Color	Current rating in amps
Black	1
Purple	3
Light brown	5
Brown	7.5
Red	10
Blue	15
Yellow	20
White or transparent	25
Green	30
Orange	40

WARNING

Do not repair fuses and never replace a blown fuse with one that has a higher amp rating. This can cause damage to the electrical system and increases the risk of fire.

Note

If a new fuse burns out again shortly after you have installed it, have the electrical system checked as soon as possible by an authorized Audi dealer or authorized Audi Service Facility.

Tips

– The following table does not list fuse locations that are not used.
– Some of the equipment listed in the following tables applies only to certain model versions or certain optional equipment.

Fuse assignment - Driver's/front passenger's footwell

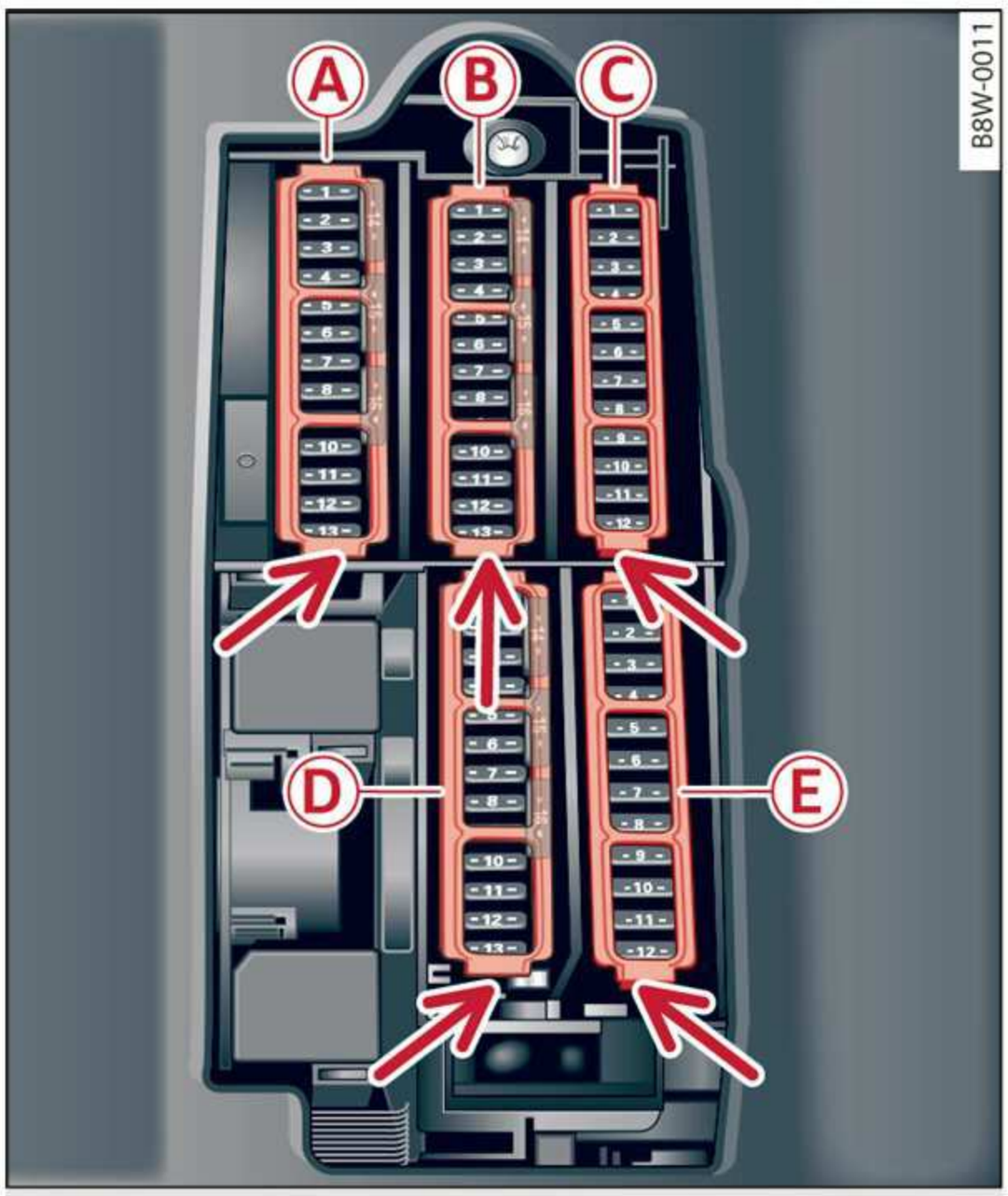


Fig. 290 Driver's footwell (left-hand drive vehicle): fuse panel with plastic clip

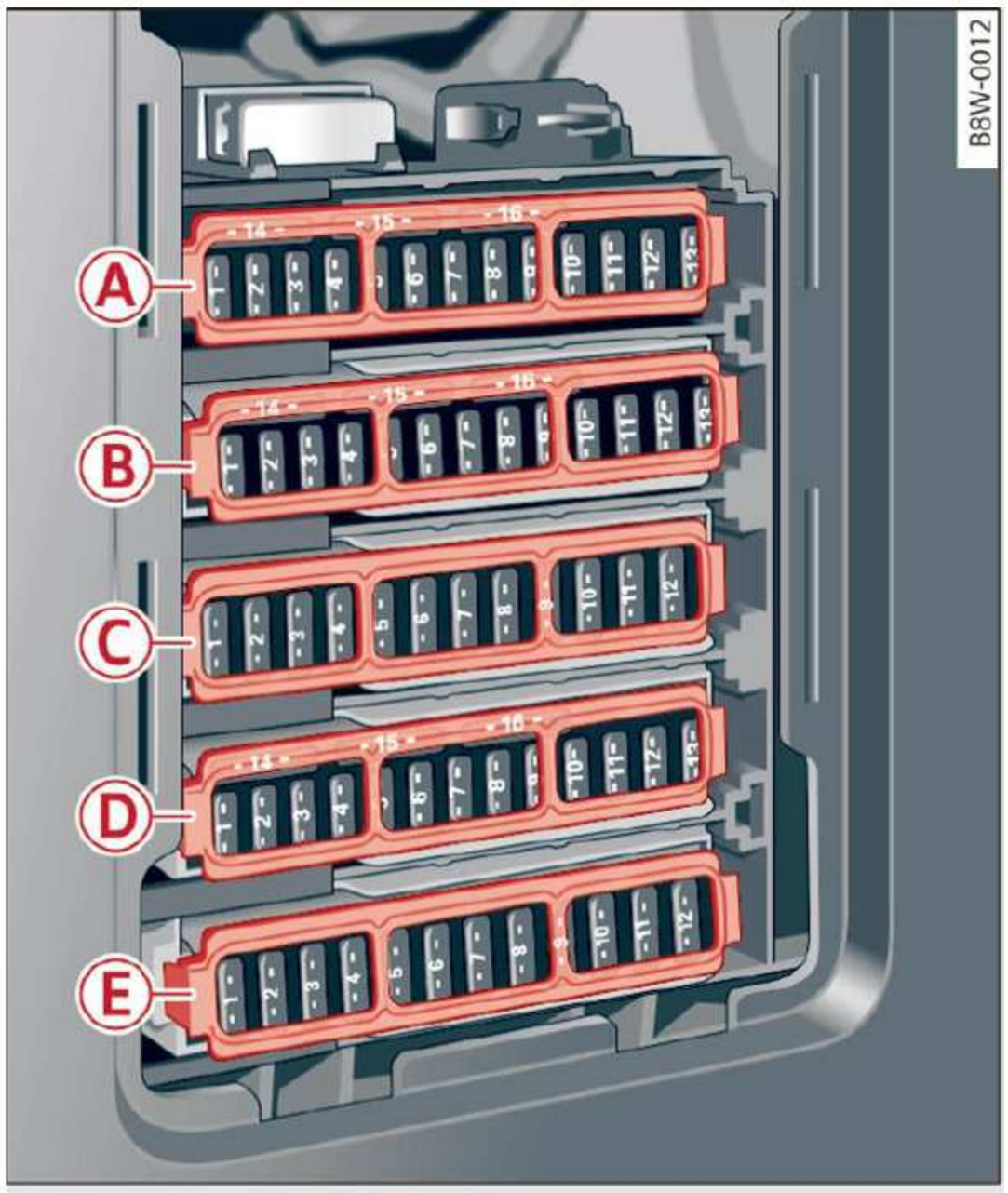


Fig. 291 Front passenger's footwell (right-hand drive vehicle): fuse panel with plastic clip

Fuse panel Ⓐ (brown)	
No.	**Equipment**
2	Engine components
3	Exhaust doors, fuel injectors, radiator inlet, crankcase housing heating
4	Vacuum pump, hot water pump, particulate sensor, biodiesel sensor, exhaust doors, radiator sensor, engine components
5	Brake light sensor
6	Engine valves, camshaft adjustment
7	Heated oxygen sensors, mass airflow sensor, water pump
8	Water pump, high pressure pump, high pressure regulator valve, mass airflow sensor, engine components
9	Hot water pump
10	Oil pressure sensor, oil temperature sensor
11	Clutch pedal position sensor, engine start
12	Engine valves, engine mount
13	Radiator fan
14	Fuel injectors, engine control module
15	Ignition coils, heated oxygen sensors
16	Fuel pump

Fuse panel Ⓑ (red)	
No.	**Equipment**
1	Anti-theft alarm system
2	Engine control module
3	Lumbar support
4	Automatic transmission selector mechanism
5	Horn
6	Electromechanical parking brake
7	Gateway control module
8	Interior headliner lights
9	Emergency call system
10	Airbag control module
11	Electronic Stabilization Control (ESC)
12	Diagnostic connector, light/rain sensor
13	Climate control system
14	Right front door control module
15	A/C compressor
	Left neck heating
16	Brake system

Fuse panel Ⓒ (black)	
No.	**Equipment**
1	Front seat heating
2	Windshield wipers
3	Left headlight electronics
4	Panoramic glass roof
5	Left front door control module
6	Sockets
7	Right rear door control module, right rear power window
8	All wheel drive
9	Right headlight electronics
10	Windshield washer system/headlight washer system
11	Left rear door control module, left rear power window
12	Parking heater

Fuse panel Ⓓ (black)	
No.	**Equipment**
1	Seat ventilation, rearview mirror, climate control system, rear climate control system controls, windshield defogger, Gateway diagnosis
2	Gateway diagnosis, vehicle electrical system control module
3	Sound actuator/exhaust sound tuning
4	Clutch pedal position sensor
5	Engine start, emergency shut-off
7	Rear USB charging port, active accelerator pedal
8	Garage door opener, electromechanical active roll stabilization
9	Adaptive cruise control
10	Exterior sound, pedal module
11	Video camera
12	Right headlight
13	Left headlight
14	Transmission fluid cooling valve
16	Rear Seat Entertainment preparation

Fuse panel Ⓔ (red)	
No.	**Equipment**
1	Ignition coils
2	Compressor coupling, CNG system, engine valves
6	Automatic transmission
7	Instrument panel
8	Climate control system (blower)
10	Dynamic steering
11	Engine start
	Engine start, thermal management
12	Oil pump

Fuse assignment - Driver's side of the cockpit

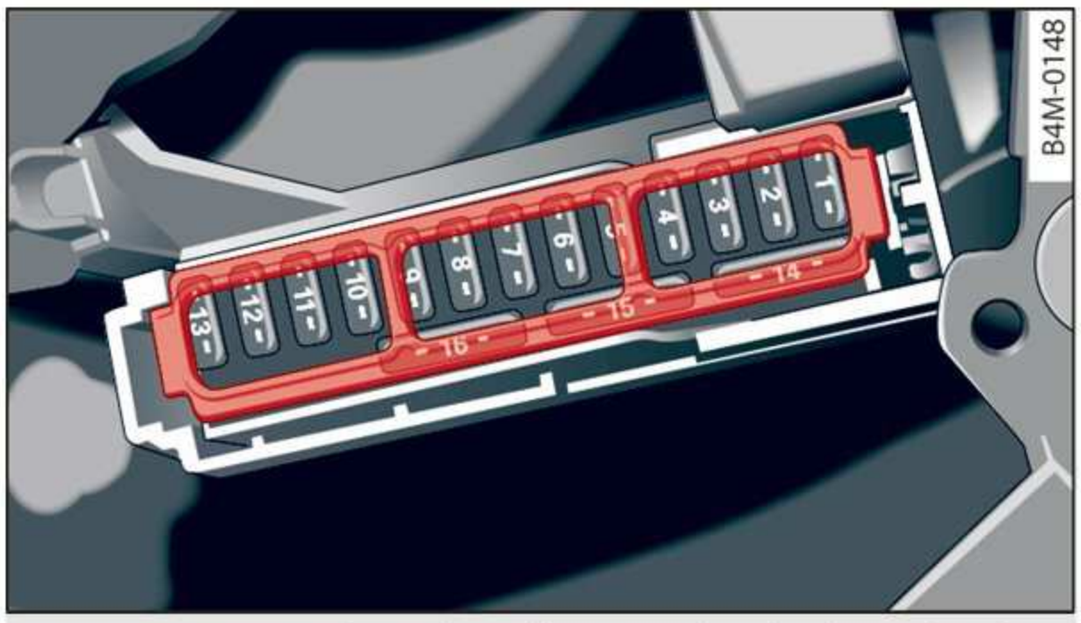


Fig. 292 Driver side cockpit: fuse panel with plastic bracket

Fuse panel	
No.	**Equipment**
2	Telephone
4	Head-up display
5	Audi music interface, USB charging port
6	Front climate control panel, instrument panel
7	Steering column lock
8	Infotainment system display
9	Instrument cluster
10	Infotainment unit
11	Light switch
12	Steering column electronics
14	Infotainment system
15	Steering column adjustment
16	Steering wheel heating

Fuse assignment - Left side of the luggage compartment

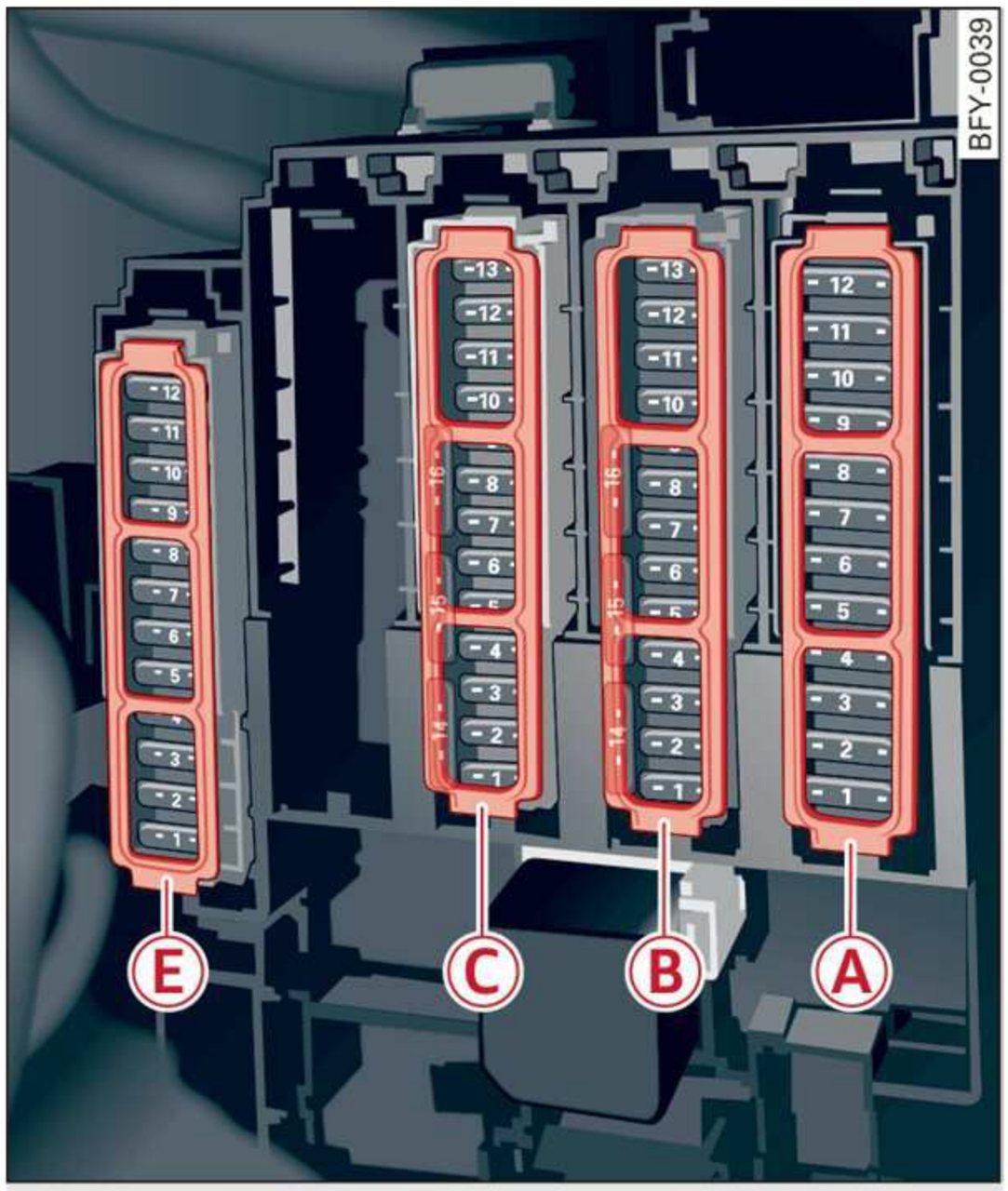


Fig. 293 Left side of the luggage compartment: fuse panel with plastic clip

Fuse panel Ⓐ (black)	
No.	**Equipment**
1	Thermal management
2	Windshield defroster
3	Windshield defroster
5	Air suspension/suspension control
6	Automatic transmission
7	Rear window defogger
8	Rear seat heating
9	Left tail lights
10	Left safety belt tensioner
11	Luggage compartment lid central locking, tank locking, rear sunshade
12	Luggage compartment lid

Fuse panel Ⓑ (red)	
No.	**Equipment**
	Not assigned
2	High-voltage battery
3	High-voltage battery water pump
4	Electric motor

Fuse panel Ⓑ (red)	
8	A/C compressor
10	High-voltage battery
11	Charging device

Fuse panel Ⓒ (brown)	
No.	**Equipment**
2	Telephone
3	Lumbar support
4	Audi side assist
5	Rear Seat Entertainment preparation
7	Vehicle opening/start (NFC)
8	Auxiliary heating radio receiver, smart module (fuel tank)
9	Climatized cup holder
10	TV tuner
11	Auxiliary battery control module
12	Garage door opener
13	Rearview camera, peripheral cameras
14	Right tail lights
16	Right safety belt tensioner

Fuse panel Ⓔ (red)	
No.	**Equipment**
2	Sound-amplifier
3	AdBlue heating
5	Trailer hitch (right light)
7	Trailer hitch
8	Trailer hitch (left light)
9	Trailer hitch (socket)
10	Sport differential
11	AdBlue heating

Bulbs

Replacing light bulbs

For your safety, we recommend that you have your authorized Audi dealer replace any bulbs for you.

It is becoming increasingly more and more difficult to replace vehicle light bulbs since in many cases, other parts of the car must first be removed before you are able to get to the bulb.

This applies especially to the light bulbs in the front of your car which you can only reach through the engine compartment.

Sheet metal and bulb holders can have sharp edges that can cause serious cuts, parts must be correctly taken apart and then properly put back together to help prevent breakage of parts and long term damage from water that can enter housings that have not been properly resealed.

For your safety, we recommend that you have your authorized Audi dealer replace any bulbs for you, since your dealer has the proper tools, the correct bulbs and the expertise.

Gas discharge lamps (Xenon lights):

Due to the high electrical voltage, have the bulbs replaced by a qualified technician. Headlights with Xenon light are identified by the high voltage sticker.

LED headlights*

LED headlights require no maintenance. Please contact your authorized Audi dealer if a bulb needs to be replaced.

WARNING

Changing Xenon lamps without the necessary equipment can cause serious personal injury.

- Bulbs are pressurized and can explode when being changed. Potential risk of injury!
- On vehicles equipped with gas discharge bulbs (Xenon light) life-threatening injuries can result from improper handling of the high-voltage portions of such lamps!
- Only your authorized Audi dealer or qualified workshop should change the bulbs in gas discharge lamps. There are parts with sharp edges on the openings and on the bulb holders that can cause serious cuts. If you are uncertain about what to do, have the work performed by an authorized Audi dealer or qualified workshop. Serious personal injury may result from improperly performed work.

Tips

– If you still prefer to replace the light bulbs yourself, be aware that the engine compartment is a hazardous area to work in ⇨ ⚠ *in General information on page 327*.
– It is best to ask your authorized Audi dealer whenever you want to change a bulb.

Data privacy

Image recording

Surrounding area monitoring

Applies to: vehicles with surrounding area monitoring

Some vehicle functions require the vehicle's path to be detected and evaluated. This is done by cameras installed permanently on the vehicle that detect objects in the vehicle's surroundings (such as obstacles or guard rails). The live images from the cameras are transmitted to the applicable control module.

The camera images are transmitted to the applicable control module and stored for processing. The control module analyzes the current camera image using image evaluation software. This image evaluation software detects anonymized technical measurements, such as distances to objects. The control module evaluates these technical measurements and makes it possible for the assist systems to control the vehicle, if necessary.

Data memories

Vehicle control modules

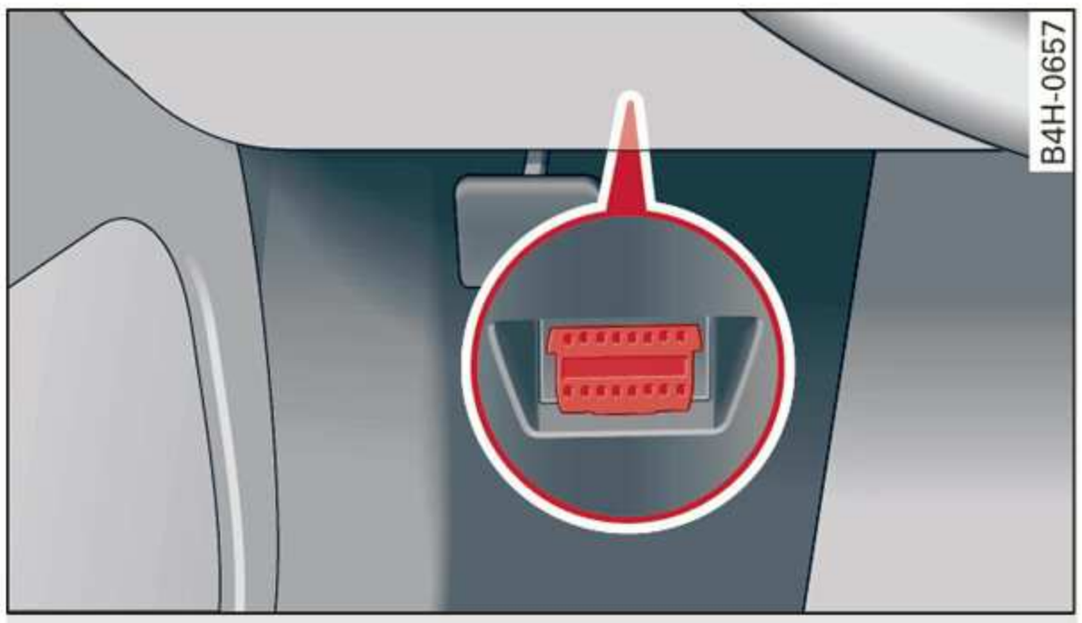


Fig. 294 Driver's side footwell: connection port for the On Board Diagnostic System (OBD)

Your vehicle is equipped with electronic control modules for various vehicle systems such as the airbags. These vehicle control modules store data while driving normally that is required by an authorized Audi dealer or authorized Audi Service Facility for diagnosis and repair purposes. Only certain types of data are recorded for a very short period of time if a control module has detected a system event. No noises, conversations, or images will be recorded in the vehicle.

The data may include information such as the vehicle speed, the direction of travel, and information about the brake system, or also the behavior of the restraint system in the event of an accident. The stored data can be exported and downloaded with special devices, which must be connected directly to the vehicle.

On Board Diagnostic System (OBD)

There is a diagnostic connector socket in the driver's side footwell to read out the various control modules and the event data recorder. Data regarding the function and condition of the electronic control modules is stored in the event memory. Only have an authorized Audi dealer or authorized Audi Service Facility read out and delete the event memory.

WARNING

- Incorrect use of the connection port for the On Board Diagnostic System can cause malfunctions, which can then result in accidents and serious injuries.
- Only allow an authorized Audi dealer or authorized Audi Service Facility to read out the engine data.

Crash data recorder

Event Data Recorder

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 airbag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's system 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 buckled/fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling. ▶

These data can help provide a better understanding of the circumstances in which crashes and injuries occur. NOTE: EDR data are recorded by your vehicle only if a non-trivial 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.

Data usage

Audi can read out the information stored in the data memories or similar data, or give this information to third parties, especially in the following situations:

– If the vehicle owner or lessee agrees
– If there is an official request from the police
– If a court or authorities request it

If legally permitted, Audi can also use the data for analysis of vehicle operation and safety performance or provide this data to third parties for research purposes.

Transmitted information

Privacy settings

Applies to: vehicles with Audi connect

▸ Select: MENU button > **Audi connect** > right control button > **Privacy**.

Requirement: the ignition must be switched on.

Location, vehicle, and personal data are transmitted when using Audi connect services.

Allowing sending of data

– Select and confirm **Activate data connection**. The data module for the use of all Audi connect services will be active.

Restricting sending of data

– Select and confirm **Activate privacy**. The data connection is limited or deactivated depending on the equipment. The majority of Audi connect services will not be available.

The following interfaces are not affected by this setting: Bluetooth, Bluetooth Low Energy (BLE), Wi-Fi connection, Audi smartphone interface (ASI), Near Field Communication (NFC), charging communication (high-voltage system), Electronic Toll Collect (ETC), On-Board Diagnostic System (OBD), if equipped.

Note

You are responsible for all precautions taken for data protection, anti-virus protection, and protection against loss of data on mobile devices that are used to access the Internet through the Wi-Fi hotspot.

Tips

– If the transmission of data is limited, data will still be transmitted to verify subscriptions.
– If the transmission of data is limited, it will have the following effects on the exchange of data for Audi connect services and emergency calls, if equipped:
  – The emergency call function will remain available without restrictions and will continue to transmit data.
  – If an online roadside assistance call is initiated, no data will be transmitted, but a call will be made.
  – If the Geofencing Alert, Speed Alert, and/or Valet Alert services have been activated by the key user, then they will remain available without restrictions and continue to transmit data.

Audi connect

Applies to: vehicles with Audi connect Infotainment

AUDI AG collects, uses, stores and shares your personal information, such as contact data, vehicle data, usage data, driving data and precise geolocation, in order to provide you with the products and services you have purchased or ▸

requested, and for a number of other purposes, for example, to track quality issues, to performance and safety, to meet our internal compliance or legal requirements and to market to customers and potential customers. For a more complete list of the data we collect, how we use it and with whom we share it, please visit your Audi national/sales region website at www.audi.com.

The collection, use and sharing may vary depending on your model and model year, your subscription status, or the service offering. For example, collection, use and sharing may vary between Audi connect services, if you have designated a key user, or if you are driving a model equipped with persistent data logging. Please review the complete Privacy Statement to understand our data handling practices with respect to a particular service.

You can find additional information about our data privacy practices in your MMI.

- ▸ Select: MENU button > **Audi connect** > right control button > **About Audi connect**.

Information about our privacy practices in conjunction with the mobile Audi connect application can be found in the Application's Privacy Statement.

For additional information about the privacy practices relating to Audi connect, myAudi, or other websites, applications or online services as well as your obligations with respect to using these services, and for additional information regarding Audi connect terms and conditions, please visit your Audi national/sales region website at www.audi.com.

Accessories and technical changes

Warranty

Your vehicle is covered by various warranties:

- New Vehicle Limited Warranty
- Limited Warranty Against Corrosion Perforation
- Emissions Control System Warranties: *Federal Emissions Control System Defect Warranty, Federal Emissions Performance Warranty*
- Applies to: USA models: Kansas Safety Belt Limited Warranty
- Applies to: USA models: California Emissions Control Warranties: *Short-term Emissions Defects Warranty, Long-term Emissions Defects Warranty, TZEV models Emissions Defects Warranty, California Emissions Performance Warranty*

You can find detailed information in your Warranty & Maintenance Booklet and in the California Emissions Booklet*.

Audi Literature Shop

Service information is made available as soon as possible after a model is introduced and can be ordered in the Audi Literature Shop: http://literature.audiusa.com

Driving in other countries

Government regulations in the United States and Canada require motor vehicles to comply with emissions regulations and safety standards. Therefore, vehicles that were produced for the U.S. and Canadian markets are different from vehicles produced for other countries.

If you plan to use your vehicle outside of the United States or Canada, it is possible that:

- Fuel may have a significantly lower octane rating. Unsuitable fuels can cause engine damage.
- Proper maintenance and repair work may not be possible because special service equipment, tools, or measuring devices needed for your vehicle may not be available.
- Replacement parts may not always be available.
- Navigation systems for vehicles built for the U.S.A. and Canada will not necessarily work in Europe, and may not work in other countries.

Note

Audi is not liable for damage to the vehicle resulting from these country-specific differences.

Maintenance, repairs, and technical modifications

Note the safety precautions ⇨ *page 327, General information* and ⇨ *page 370, Raising the vehicle*.

General information

Due to the increasing complexity of technology in these vehicles, as well as the safety and environmental standards that apply, you can only perform a very limited amount of repairs and modifications to the vehicle yourself.

Proof of maintenance work may be required to submit a claim within the warranty period.

We recommend that you have your vehicle serviced by an authorized Audi dealer or authorized Audi Service Facility and that Audi Genuine Parts and Audi Genuine Accessories are used. This helps to ensure that your vehicle's functionality, performance, and safety are not impaired.

Maintenance and repairs

Your vehicle was designed to help keep maintenance requirements to a minimum. Some regular maintenance is required to help ensure that your vehicle runs in a safe, economical, and reliable manner. Please refer to your Warranty & Maintenance Booklet for more detailed information about vehicle maintenance.

When operating the vehicle under more extreme operating conditions, for example when outside temperatures are very low or in very dusty environments, certain maintenance should be performed between the specified intervals. ▶

Usually maintenance and repair work requires special tools, measuring devices, and other equipment that is available to trained vehicle technicians in order to help ensure that your vehicle and all of its systems operate correctly, reliably, and safely. Performing work on the vehicle incorrectly can impair the operation and reliability of your vehicle and may void one or more of your vehicle's warranties.

Technical Modifications

Interference with electronic components, their software, the wiring, and data transfer may cause malfunctions. Because of the way electronic components are interconnected, such malfunctions can also impair systems that are not directly involved. This means that you risk both a substantial reduction in the operational safety of your vehicle and increased wear of vehicle components.

Some convenience functions, such as the convenience turn signal function, individual door opening function, and displays, can be reprogrammed using special workshop equipment. If functions are reprogrammed, the information and descriptions about these functions in this Owner's Manual may no longer apply to the changed functions. Audi recommends that an authorized Audi dealer or authorized Audi Service Facility perform and verify any reprogramming procedures.

WARNING

Maintenance procedures, repairs, or technical modifications that are performed incorrectly increase the risk of an accident and can lead to serious injuries.

WARNING

The engine compartment of any motor vehicle is a potentially dangerous area and can cause serious personal injury.

- Always use extreme caution when doing any work in the engine compartment. Always follow commonly accepted safety practices and use common sense. Never risk personal injury.
- Never perform any work in the engine compartment unless you know exactly how to carry out the job and have the correct technical information and the correct tools.
- If you are uncertain about what to do, have the work performed by an authorized Audi dealer, an authorized Audi Service Facility, or another qualified workshop. Serious personal injury may result from improperly performed work.

Note

- Maintenance procedures, repairs or technical modifications that are performed incorrectly can cause damage to the vehicle, such as corrosion.
- If emergency repairs must be performed, take your vehicle to an authorized Audi dealer or authorized Audi Service Facility as soon as possible.
- Audi is not liable for damage to the vehicle resulting from failure to comply with these guidelines.

For the sake of the environment

- Regular maintenance can help protect the environment.
- Technical modifications to the vehicle can have a negative impact on fuel consumption and vehicle emissions.

For the sake of the environment

Undeployed airbag modules and pretensioners are classified as Perchlorate Material – special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate. When the vehicle or parts of the restraint system including airbag modules and safety belts with pretensioners are scrapped, all applicable laws and regulations must be observed. Your authorized Audi dealer is familiar with these requirements and we recommend that you have your dealer perform this service for you.

Tips

Because of your vehicle's aluminum body design, all service and repair procedures affecting the body should be performed by an authorized Audi dealer or authorized Audi ▶

Service Facility, who will perform the work according to Audi factory specifications. Only Audi Genuine Parts are used when Audi experts perform repair or service procedures. Failure to use Audi Genuine Parts or Audi Genuine Accessories or performing repairs incorrectly may result in severe vehicle damage, such as corrosion.

Accessories and parts

Consult with an authorized Audi dealer or authorized Audi Service Facility before purchasing accessories or replacement parts. We recommend that you have your vehicle serviced by an authorized Audi dealer or authorized Audi Service Facility and that Audi Genuine Parts and Audi Genuine Accessories are used.

Audi does not endorse the use of products and accessories that it has not evaluated, even if the product is approved by a certified testing agency or government agency.

WARNING

- Installing unapproved accessories or incorrect replacement parts can cause vehicle damage and can increase the risk of an accident.
- Never attach accessories, such as telephone holders or cup holders, to the airbag covers or within the airbag deployment zone, because this increases the risk of injury if the airbag deploys.
- Do not use a license plate bracket different from the one installed by the factory in the front of the vehicle, because it may impair the function of some systems.

Note

A correctly-installed exterior antenna is required for operating radio equipment in the vehicle. Otherwise, the increased electromagnetic waves can cause malfunctions in the vehicle. Observe the regulations in the country where the vehicle is being operated and the instructions from the radio equipment manufacturer.

Reporting Safety Defects

Applicable to U.S.A.

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

Audi of America, Inc.
2200 Ferdinand Porsche Drive
Herndon, VA 20171

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 Audi of America, Inc.

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
1200 New Jersey Ave.,
S.E. West Building
Washington, DC
20590.

You can also obtain other information about motor vehicle safety from http://www.safercar.gov.

Applicable to Canada

If you live in Canada and you believe that your vehicle has a defect that could cause a crash, injury or death, you should immediately inform Transport Canada, Defect Investigations and Recalls. You should also notify Audi Canada.

Canadian customers who wish to report a safety-related defect to Transport Canada, Defect Investigations and Recalls, may either call Transport Canada toll-free at:

Tel.: 1-800-333-0510 or
Tel.: 1-819-994-3328 (Ottawa region and from other countries)
TTY for hearing impaired:
1-888-675-6863

or contact Transport Canada by mail at:

Transport Canada
Motor Vehicle Safety Investigations Laboratory
80 Noel Street
Gatineau, QC
J8Z 0A1

For additional road safety information, please visit the Road Safety website at:

English:
http://www.tc.gc.ca/eng/motorvehiclesafety/menu.htm

French:
http://www.tc.gc.ca/fra/securiteautomobile/menu.htm

Declaration of compliance for telecommunications equipment and electronic systems

The manufacturer is not liable for radio malfunctions that are caused by unauthorized changes to the equipment.

Equipment

The following equipment complies with FCC section 15 and RSS-Gen:

– Audi adaptive cruise control*
– Audi side assist*
– Remote control key
– Cell phone package*
– Garage door opener (HomeLink)*
– WLAN hotspot*

FCC Part 15.19

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.

FCC Part 15.21

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RSS-Gen

This device complies with Industry Canada's licence-exempt RSSs. 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 the device.

Audi e-tron charging system* – Additional conformity declarations and statements

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

80A012721BJ

Technical data

Identification data

Vehicle identification label

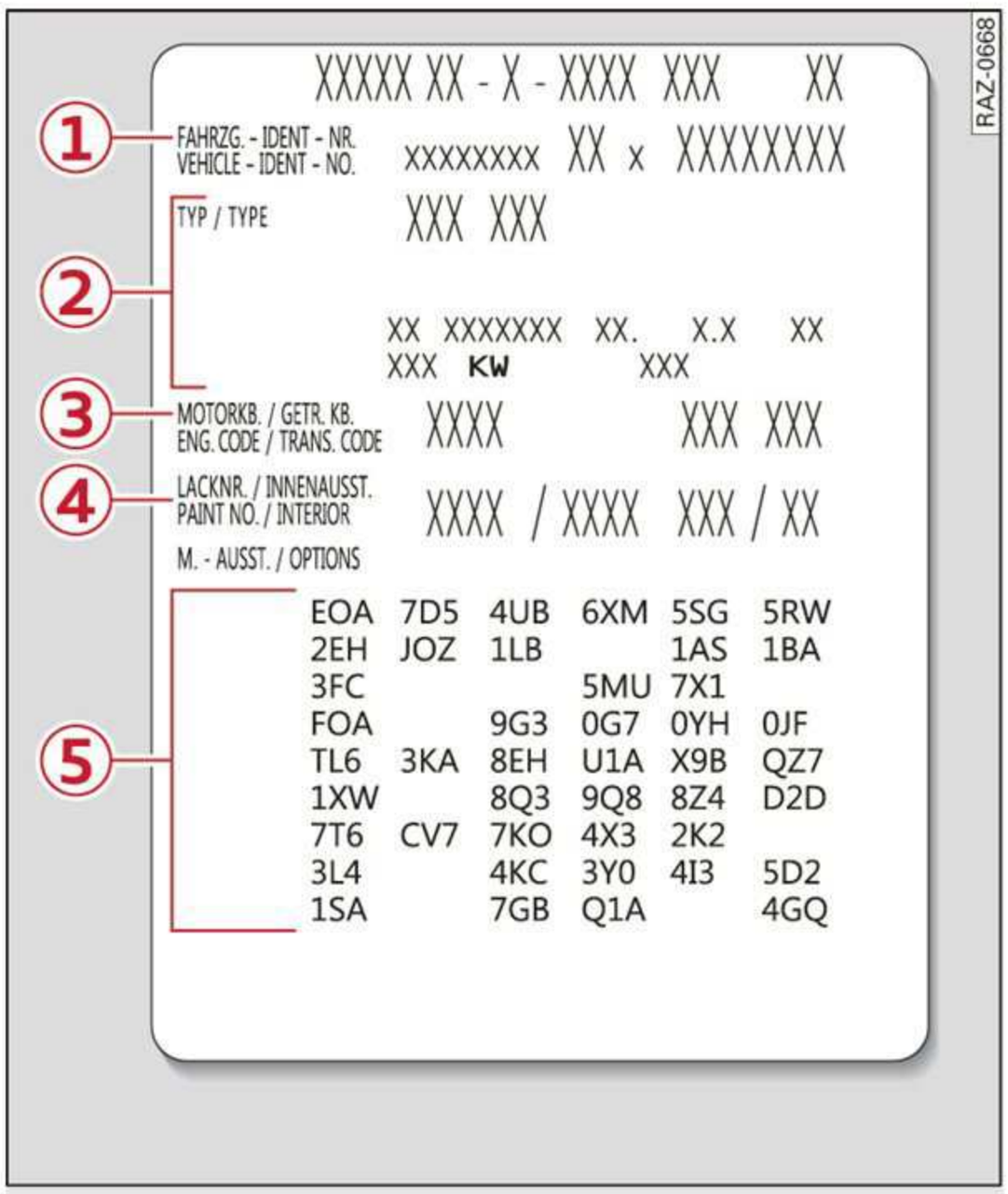


Fig. 295 Vehicle identification label

The vehicle identification label ⇨ *fig. 295* is located in the luggage compartment under the cargo floor cover.

The vehicle identification label information can also be found in the Warranty & Maintenance booklet.

The sticker contains the following vehicle data:

① Vehicle Identification Number (VIN)
② Vehicle type, engine output, transmission
③ Engine and transmission codes
④ Paint and interior codes
⑤ Optional equipment numbers

Vehicle identification number (VIN)

The VIN is located in the following areas:

– Select: the MENU button > **Vehicle** > left control button > **Service & checks** > **Vehicle information**.
– On the vehicle identification label
– At the front behind the windshield*
– in the engine compartment on the right side

Notes about technical data

The values may vary based on special equipment as well as market-specific equipment and measuring methods.

Please note that the specifications listed in the vehicle documentation always take precedence.

Tips

Any technical data that is missing was not available at the time of printing.

Vehicle data

Dimensions

	Length (in (mm))	Width (in (mm))	Width across the mirrors (in (mm))	Height at curb weight (in (mm))
Q5	183.6 (4,663)	74.5 (1,893)	84.3 (2,140)	65.3 (1,659)
SQ5	183.9 (4,671)	74.5 (1,893)	84.3 (2,140)	65.3 (1,659)

Capacities

	Approximate capacities
Fuel tank	18.5 gal (70 L)
Fuel tank for plug-in hybrid drive	–[a]
Windshield and headlight washer system*	5.3 qt (5 L)

a) The value was not available at the time of printing.

Weights



Fig. 296 Safety certificate

Gross Vehicle Weight Rating (GVWR)

The maximum permitted total weight ① of the vehicle is listed on the safety certificate on the side area of the door or on the driver's door pillar.

Gross Axle Weight Rating (GAWR)

The maximum permitted load on the front axle ② or the rear axle ③ is listed on the safety certificate on the side area of the door or on the driver's door pillar.

Load

The maximum permitted load is listed on the tire pressure label on the driver's door pillar.

Roof load

The maximum permissible roof load is 165 lbs (75 kg).

Trailer load

	Trailer without brake	Trailer with brakes up to 12% incline	Tongue weight on trailer ball hitch
Q5, SQ5	1650 lbs (750 kg)	4,400 lbs (2,000 kg)	440 lbs (200 kg)

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