We thank you for buying a Volkswagen vehicle

This Volkswagen vehicle is equipped with advanced technology incorporating a number of convenience features for you to enjoy in your daily driving.

Please carefully read and follow the information in this Owner's Manual. It will help you to become more familiar with your vehicle and to be able to recognize and avoid hazardous situations for you and others.

If you have questions about your vehicle or if you believe that the manual is not complete, please contact your authorized Volkswagen dealer or your authorized Volkswagen Service Facility. Authorized Volkswagen dealers and authorized Volkswagen Service Facilities always welcome your questions, suggestions, and constructive criticism.

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

WARNING

Follow the important safety instructions about using child restraint systems in the front passenger seat *(→ Child restraints)*

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About this Owner's Manual

This Owner's Manual is valid for all models and versions of your Volkswagen model and model year. The Owner's Manual describes all equipment and models without indicating special equipment or model versions. This may include descriptions of equipment that your vehicle may not have or that may only be available in some countries.

Similarly, upgrades for functions that require subsequent activation may be described .

You can find details of your actual vehicle equipment in your sales documentation or by contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

This Owner's Manual describes a passenger vehicle.

All information in this Owner's Manual was correct at the time of printing. Due to continuous vehicle development, there may be differences between your vehicle and the information in this Owner's Manual. No legal commitment can be derived from the information, illustrations, or descriptions in this manual.

Due to legal and technical requirements, the vehicle may be provided with different Owner's Manual variants depending on the country.

Printed Owner's Manual

The printed Owner's Manual describes the range of functions of the vehicle at the time of release. Additions and amendments to the Owner's Manual may also be added in the form of supplements.

An alphabetically ordered keyword index as well as a list of abbreviations that explains technical abbreviations and designations are included to assist with orientation and understanding of the printed manual.

Make sure that the printed documents are in the vehicle if you wish to sell or lend the car. Volkswagen also recommends resetting the Infotainment system to its factory settings in order to delete all personal data.

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Explanations

Brief definitions are placed in front of some sections in a different color to summarize the topic in question. Detailed information about the systems and equipment along with their properties, conditions, and system limitations is included in the associated sections.

The following section explains phrasings and terms found in the Owner's Manual to help understanding.

Directions

Directions (left, right, front, back) are in reference to the driving direction unless noted otherwise.

Units and speeds

The display in miles instead of kilometers or mph instead of km/h is determined by the versions of the instrument cluster and Infotainment system that are installed, which varies depending on the country where the vehicle is sold.

Illustrations

Illustrations are only for orientation and are simply used to provide a visual display of descriptions and instructions. The illustrations may differ from your vehicle.

This Owner's Manual was created for left-hand drive vehicles. For *vehicles with right-hand drive steering*, controls are sometimes arranged differently from what is shown in the illustrations or described in the text.

Form of address

To improve readability, plural pronouns are used here to refer to a singular subject of any gender. This applies to all genders equally. The use of abbreviations are for editorial purposes and do not contain any evaluation.

Terms used and their meanings:

Sunroof

> The term "sunroof" is used as a synonym for all equipment-dependent versions of the sliding, tilting, or tilting and sliding panoramic sunroof

Authorized Volkswagen dealer or authorized Volkswagen Service Facility

> Authorized Volkswagen dealer or authorized Volkswagen Service Facility refers to workshops with instructed or trained personnel that specialize in servicing passenger vehicles. A qualified professional can be an authorized Volkswagen dealer or authorized Volkswagen Service Facility or an independent workshop.

Authorized Volkswagen dealer or authorized Volkswagen Service Facility

> Authorized Volkswagen dealer or authorized Volkswagen Service Facility refers to workshops that have a contractual relationship with Volkswagen. This contractual relationship means that they have access to more information as well as a direct line of communication to the manufacturer.

Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility

> In some situations, it is necessary for you to drive your vehicle to an authorized Volkswagen dealer or authorized Volkswagen Service Facility so that it can be checked.

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Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance

If it is no longer possible to continue driving your vehicle, it is necessary to have it checked directly where it is by a professional. A decision regarding whether the vehicle can continue to be driven following inspection or whether it needs to be towed must then be made depending on the circumstances.

Explanation of symbols

Indicates a reference to a section within a chapter containing important information and safety warnings ⚠ that should always be heeded.

The arrow indicates the end of a section.

This symbol indicates situations where the vehicle must be stopped as quickly as possible.

TM The symbol means "Trademark" and indicates a recognized but not(yet) officially registered trademark. However, the absence of this symbol does not constitute a waiver of any rights associated with intellectual property.

® This symbol indicates a registered trademark. However, the absence of this symbol does not constitute a waiver of any rights associated with intellectual property.

→⚠ →⚠ →⚠ Symbols of this type refer to warnings in the same section or on the specified page, pointing out possible risks that can cause accidents and personal injuries and how to help prevent them.

→ⓘ Cross-reference to a warning of potential property damage, in the same section or on the specified page.

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

ⓘ NOTICE

NOTICE is used to address practices not related to physical injury, but related to damage to the vehicle.

Texts with this symbol contain information about the environment and how you can help to protect it.

Texts with this symbol contain supplementary information.

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View from the front

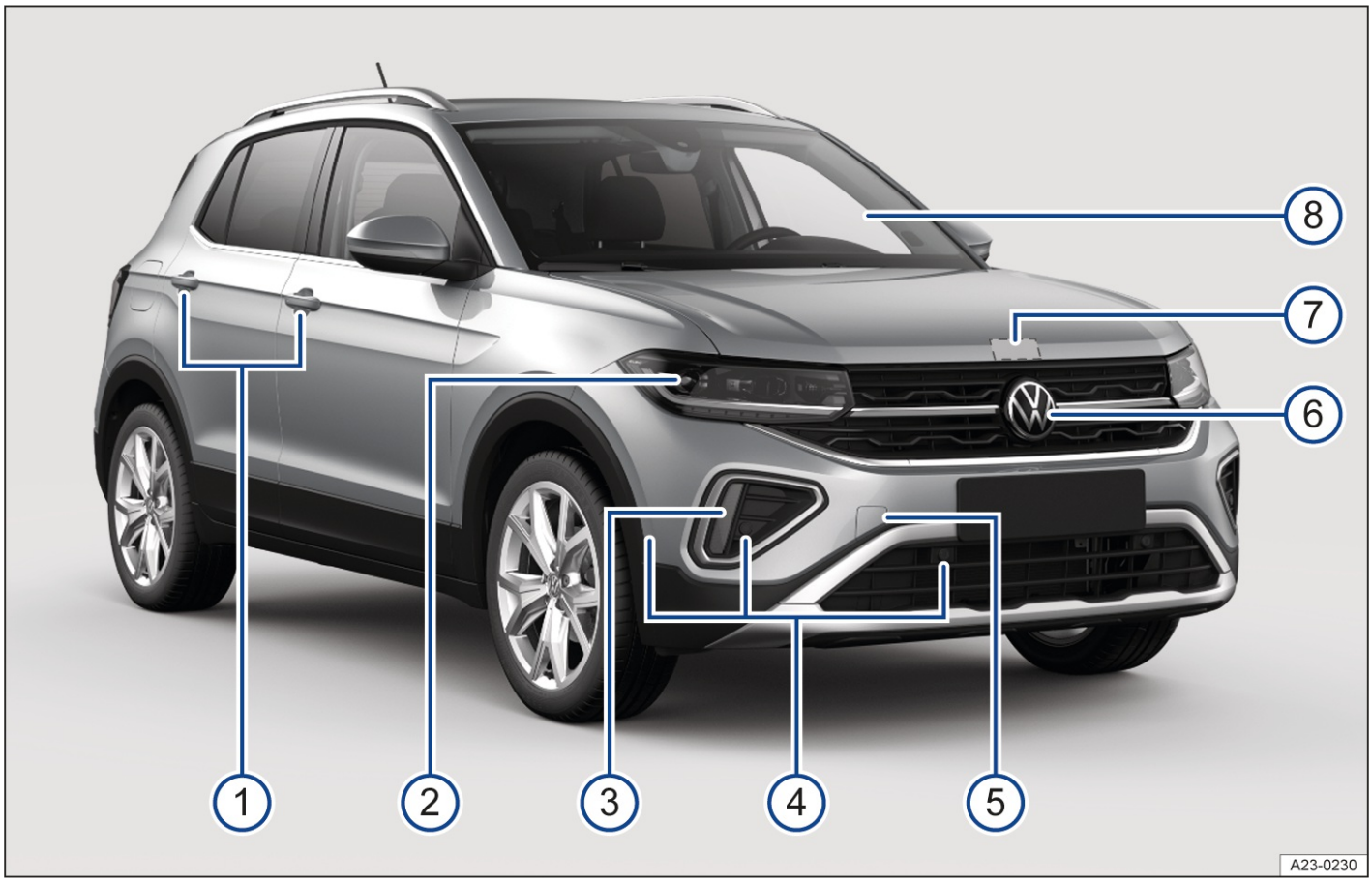


Fig. 1 Overview of vehicle from the front.

1. Door handles
2. Headlights
3. Lights in the bumper
4. Sensors for assistance systems , *(→ Vehicle care exterior)*
5. Behind a cover: mount for towing eye
6. Behind the Volkswagen emblem: radar sensor for assistance systems , *(→ Vehicle care exterior)*
7. Opening lever for the hood *(→ In the engine compartment)*
8. Windshield
   - — With VIN
   - — With windshield wipers *(→ Windshield wipers)*
   - — With camera for assistance systems in the interior rearview mirror area , *(→ Vehicle care exterior)*
   - — With rain/light sensor in the interior rearview mirror area *(→ Rain/light sensor)*, *(→ Vehicle care exterior)*

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Rear view

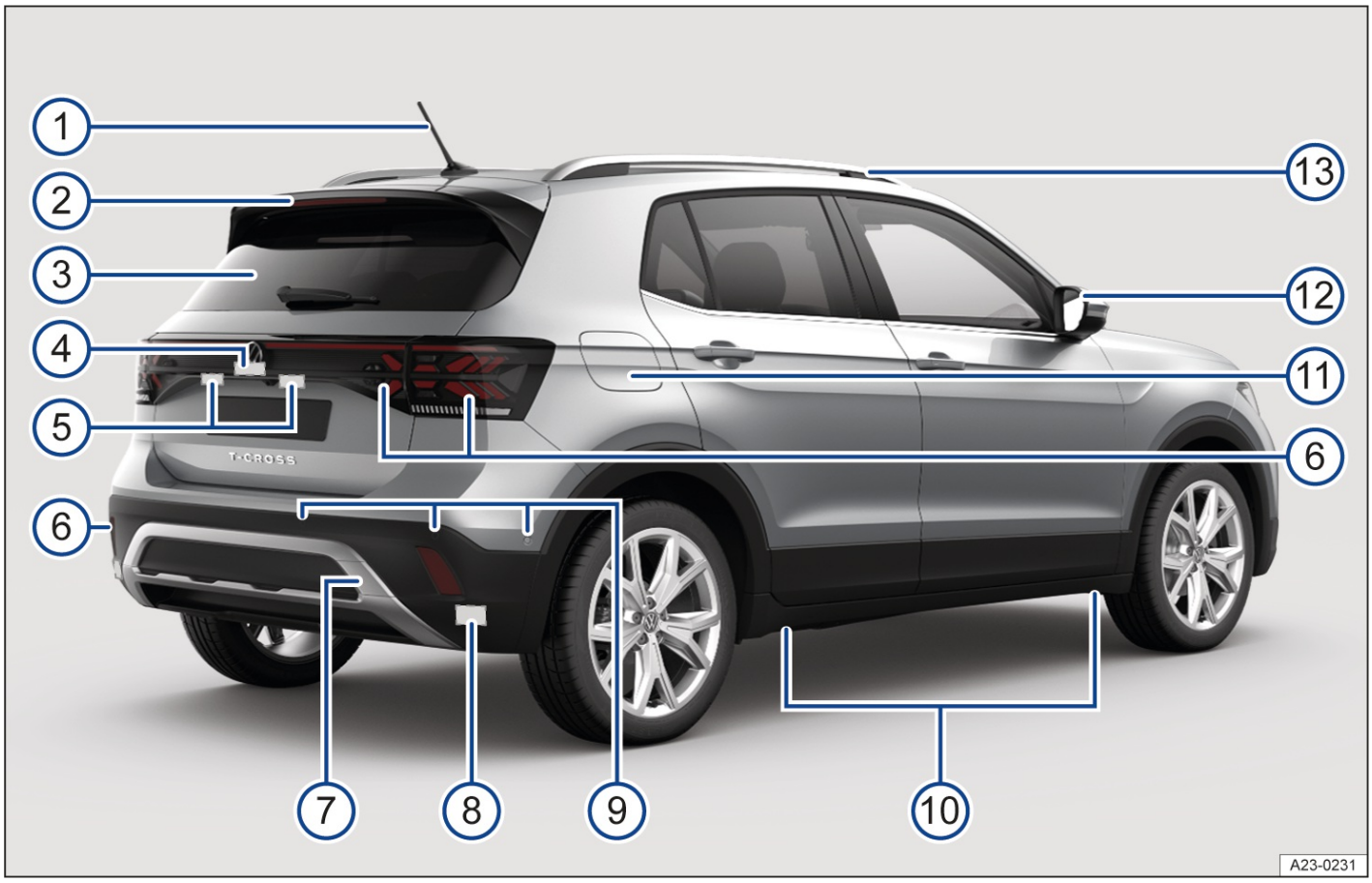


Fig. 1 Rear vehicle overview.

1. Roof antenna *(→ Radio reception and antenna)*
2. High-mounted brake light
3. Rear window
   - With rear window defroster *(→ Rear window defroster)*
   - With rear window wiper *(→ Windshield wipers)*
4. Area
   - Button to open the trunk lid
   - Camera for parking systems , *(→ Vehicle care exterior)*
5. Number plate light
6. Taillights
7. Behind a cover: mount for towing eye
8. Behind the bumper: radar sensor for assistance systems , *(→ Vehicle care exterior)*
9. Sensors for assistance systems , *(→ Vehicle care exterior)*
10. Mounting points for the vehicle jack
11. Fuel filler flap
12. Outside mirrors *(→ Exterior rearview mirrors)*
13. Roof rails *(→ Roof rack)*

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Driver side

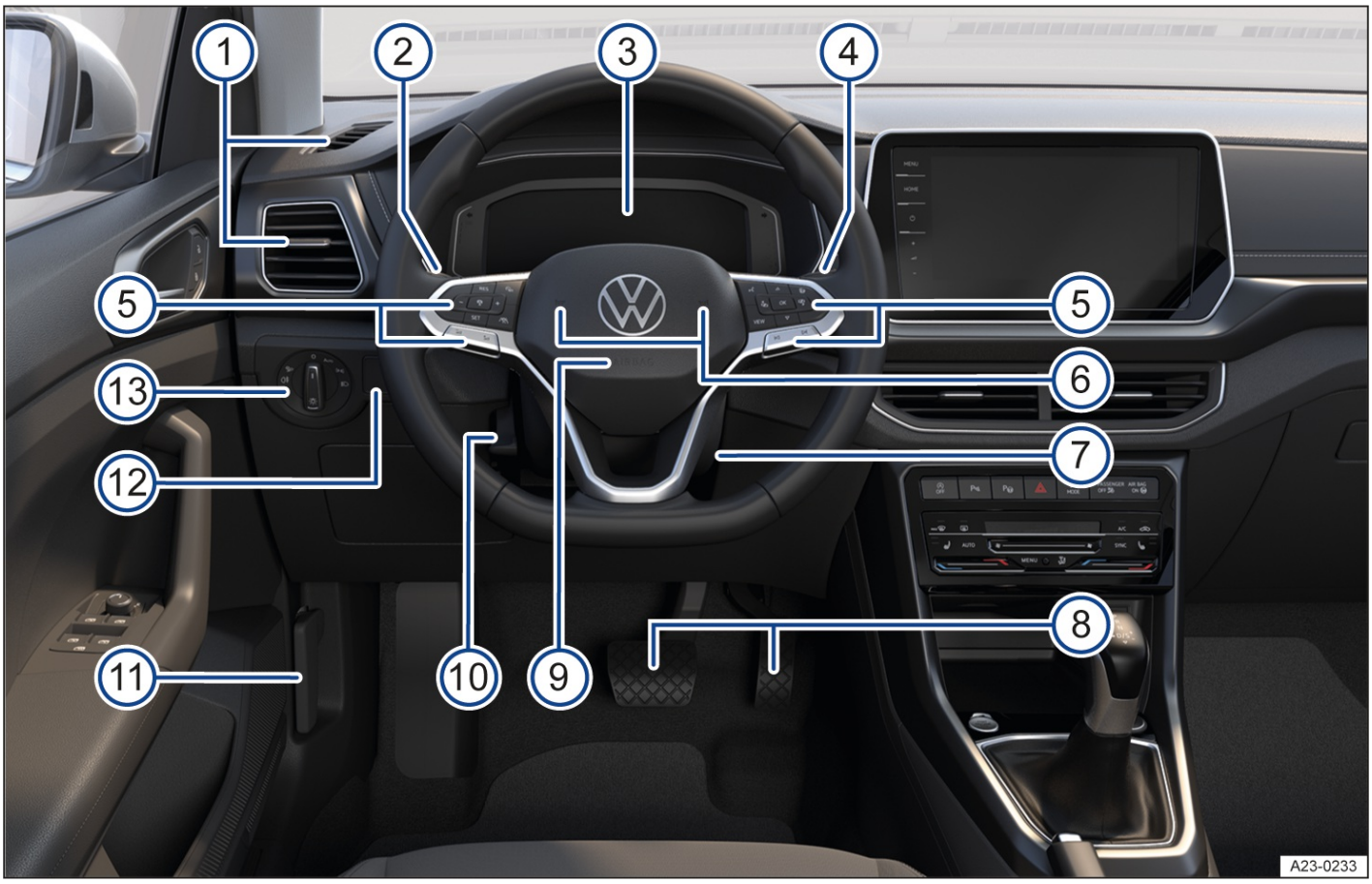


Fig. 1 Driver side overview (left-hand drive vehicle).

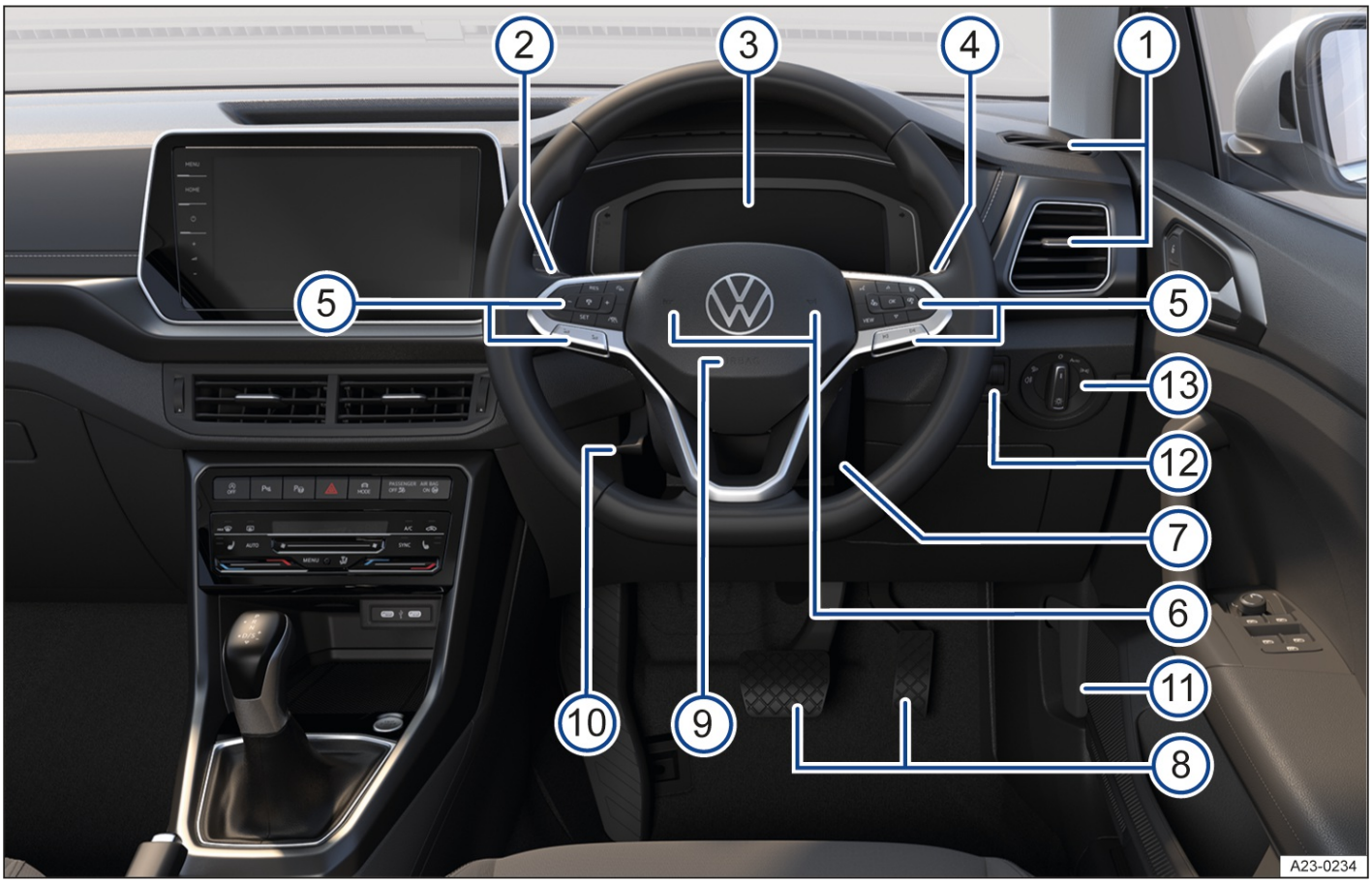


Fig. 2 Driver side overview (right-hand drive vehicle).

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(1) Vents *(→ Air conditioner air distribution)*

(2) Turn signal and high beam lever *(→ Turn signal)*, *(→ High beam headlight)*

— With switch and buttons for driver assistance systems

(3) Instrument cluster *(→ Volkswagen Digital Cockpit (Pro))*

— With warning and indicator lights *(→ Symbols in the instrument cluster)*

(4) Windshield wiper/washer lever

— With buttons for menu operation *(→ Volkswagen Digital Cockpit (Pro))*

(5) Multi-function steering wheel controls

— For driver assistance systems

— For menu selection *(→ Volkswagen Digital Cockpit (Pro))*

— For accepting telephone calls OK

— For audio, navigation , ,

— For adjusting the volume

— For voice operation activation (may not function depending on the equipment)

— In order to switch between the current and previous menus VIEW *(→ Volkswagen Digital Cockpit (Pro))*

(6) Horn

(7) — Ignition switch *(→ Ignition switch)*

— Placement area for the vehicle key for an emergency start for vehicles with Keyless Access with push-button start *(→ Starting the engine)*

(8) Pedals *(→ Pedals)*

(9) Installation location of driver's front airbag

(10) Lever for adjusting the steering wheel position

(11) Hood release lever *(→ In the engine compartment)*

(12) Control for the headlight range control *(→ Headlight range control)*

(13) Light switch

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Driver door

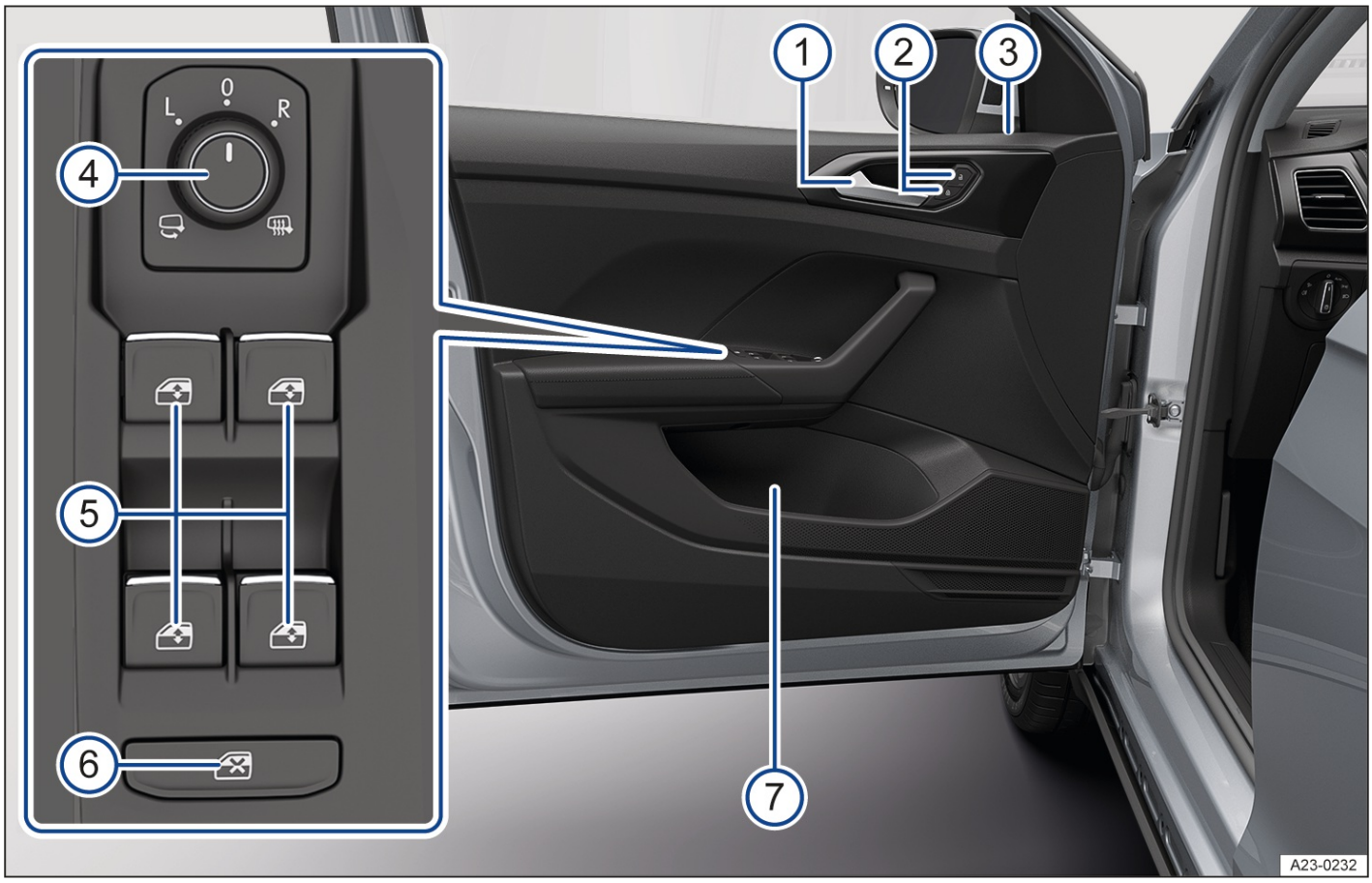


Fig. 1 Driver door (left-hand drive vehicle): controls (right-hand drive vehicles are a mirror image)

1. Door handle
2. Central locking button to lock and unlock the vehicle *(→ Central locking button)*
3. Central locking indicator light *(→ Indicator light in the driver's door)*
4. Knob for outside mirror positions and functions *(→ Exterior rearview mirrors)*
5. Buttons for operating the power windows
6. Button for deactivating the power window buttons in the rear doors
7. Storage compartment
   - With cup holder
   - With storage option for a reflective vest *(→ Emergency equipment)*

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Center console

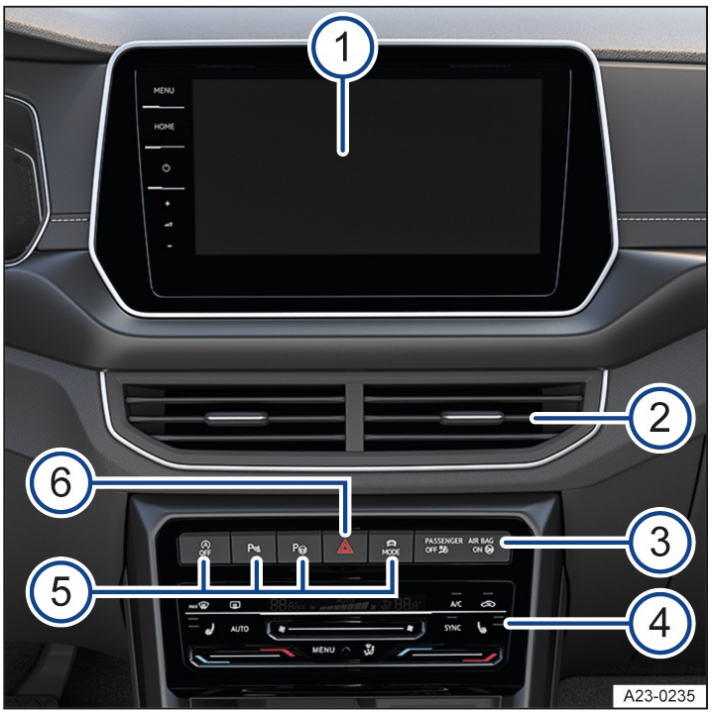


Fig. 1 Overview of the upper section of the center console.

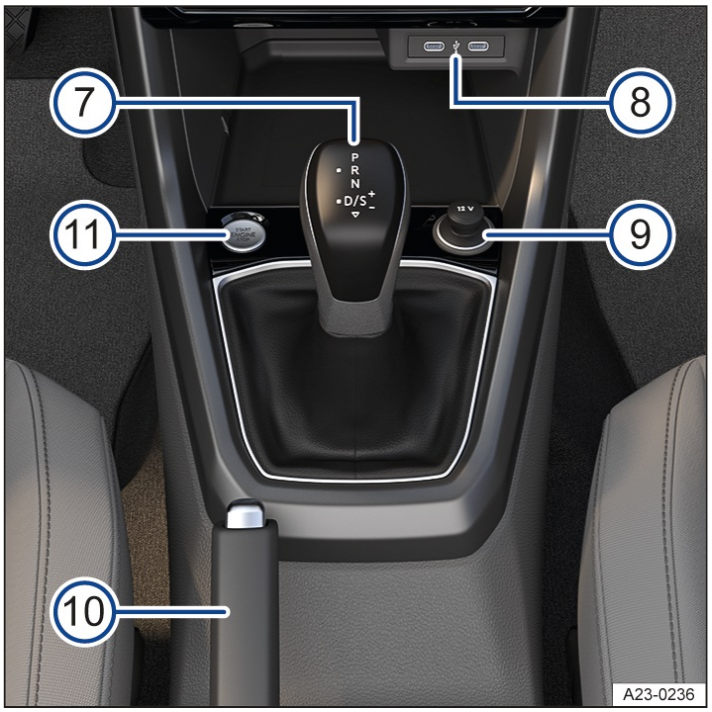


Fig. 2 Overview of the lower section of the center console (left-hand drive vehicle).

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1. Infotainment system
2. Vents *(→ Air conditioner air distribution)*
3. Indicator light for front passenger's airbag deactivation OFF
4. Controls for the air conditioner

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5 Buttons

— For start/stop system

— For parking and maneuvering assist systems

— For Driving Mode Selection

6 Button for switching the emergency flashers on or off

7 Lever

— For DSG® automated transmission

— For manual transmission *(→ Manual transmission)*

8 USB sockets with charge function for external device rechargeable batteries *(→ Charging Options for Mobile Devices)*,

9 12 V socket

10 Handbrake lever *(→ Parking brake)*

11 Button to start and stop the engine(Keyless Access with push-button start) *(→ Starter button)*

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Passenger's side

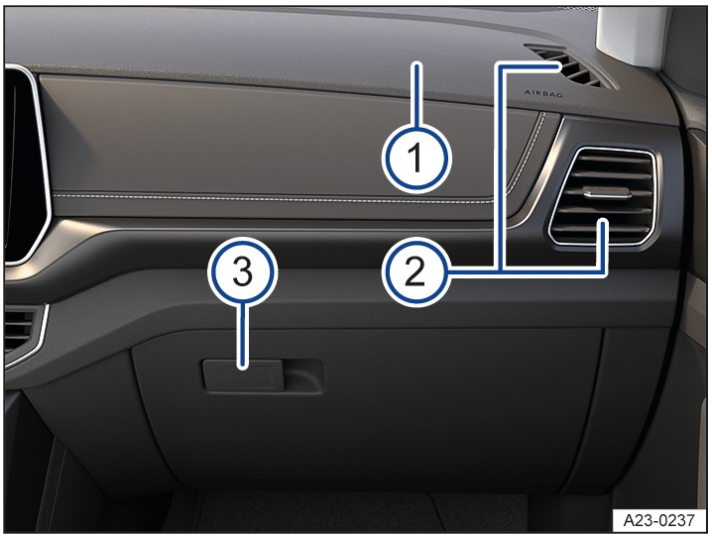


Fig. 1 Front passenger side (left-hand drive vehicle): Instrument panel overview (right-hand drive vehicle is the mirror image).



Fig. 2 When the front passenger door is open(left-hand drive vehicle): Key switch in the instrument panel (right-hand drive vehicle is mirror image).

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(1) Installation location of the front passenger's airbag in the instrument panel

(2) Vents *(→ Air conditioner air distribution)*

(3) Glove compartment:

— With handle

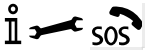
— With vents for glove compartment cooling (depending on model)

(4) Key switch for deactivating the front passenger's front airbag

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Controls in the headliner

Symbol	Meaning
	Buttons for interior/reading lights .
	Buttons for Information Call, Roadside Call Assist and Emergency Call .

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Symbols in the instrument cluster

The warning and indicator lights can turn on individually or in combination with each other and indicate warnings, malfunctions and certain functions. Some warning and indicator lights come on when you switch the ignition on and must turn off after some time.

Information on other indicator lights, e.g. in switches or on control panels, can be found in the corresponding chapters.

WARNING

Failure to respond to illuminated warning lights and messages may result in a vehicle breakdown, accidents and serious injuries or death.

- Never ignore illuminated warning lights and messages.
- Stop the vehicle as soon as it is safe to do so.

Due to continuous vehicle development, the warning and indicator lights listed here may differ from those in the vehicle after an update.

	STOP Do not continue driving! Central warning light → *Priority 1 warning message*
	Fasten safety belt → *Fasten seat belts reminder*
	Hand brake set → *Parking brake*
	STOP Do not continue driving! Brake system malfunction → *Brake system malfunction*
	STOP Do not continue driving! Brake fluid level too low → *Brake fluid level*
	Take over steering and be ready to brake. → *Introduction*
	STOP Do not continue driving! Engine oil level too low → *Engine oil level very low*
	STOP Do not continue to drive! Engine oil pressure too low → *Engine oil pressure too low*
	STOP Do not continue to drive! Engine coolant system malfunction → *Engine coolant*
	STOP Do not continue driving! Steering malfunction → *Steering malfunction*
	Rear Traffic Alert has detected an obstacle to the rear → *Rear Traffic Alert*
	STOP Do not continue driving! 12 V energy supply malfunction → *12-volt power supply*

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	Collision warning → *Warning levels and braking support*
	Take over the steering immediately → *Take over the steering immediately*
	 Do not continue to drive! Transmission overheating → *Transmission overheating*
	Advanced drowsiness detected → *Warning Levels of the Drowsiness Monitor*
	Acute risk to road traffic → *Warning Levels of the Drowsiness Monitor*
	Central warning light → *Priority 2 warning message*
	Airbag or safety belt pretensioner with diagnostic device switched off → *Indicator light*
	Airbag or safety belt pretensioner malfunction → *Indicator light*
	Function check of the airbag indicator light → *Indicator light*
	Front passenger's front airbag deactivated → *Switching the Front Passenger's Front Airbag On and Off*
	Front passenger's airbag enabled → *Switching the Front Passenger's Front Airbag On and Off*
	Emergency Call System limited → *Limited function in the legally mandated eCall Emergency System*
	Emergency Call System malfunctioning → *Malfunction in the legally mandated eCall Emergency System*
	Emergency Call Service limited → *Emergency Call Service limited*
	Emergency Call Service malfunctioning → *Emergency Call Service malfunction*
	Brake booster malfunction → *Brake Booster Malfunction*
	Check brake system → *Brake pad wear indicator*
	Comes on: Electronic Stability Control (ESC) malfunction → *ESC malfunction*
	Flashes: Electronic Stability Control (ESC) or Anti-slip regulation (ASR) in operation → *Electronic Stability Control (ESC)*
	ESC Sport switched on → *ESC Sport*
	Anti-Slip Regulation (ASR) switched off → *ASR*
	Anti-Lock Braking System (ABS) malfunction → *ABS failure or malfunction*
	Engine oil system malfunction → *or Engine oil system malfunction*
	Engine oil level too low → *Engine oil level too low*
	Engine oil level too high → *Engine oil level too high*
	Engine oil system malfunction → *or Engine oil system malfunction*
	Tank almost empty → *Fuel tank almost empty*

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	Semi-automated driving assistance (Travel Assist) not available → *Comfort drive Travel Assist is not available or is not working as expected*
	Driving light failure → *Exterior lighting malfunction*
	Rear fog lights switched on → *Switching on and off the rear fog light*
	Rain/light sensor malfunction → *Rain/light sensor malfunction*, → *Rain/light sensor malfunction*
	Windshield wiper malfunction → *Windshield wiper malfunction*
	Washer fluid level too low → *Washer fluid level too low*
	Steering malfunction → *Steering malfunction*
	Tire pressure low → *Tire pressure low*
	Tire pressure monitoring system malfunction → *Tire Pressure Monitoring System malfunction*
	Autonomous Emergency Braking (Front Assist) not available → *Front Assist has limited availability or is not available*
	Autonomous Emergency Braking (Front Assist) switched off → *Using Front Assist*
	Lane Keeping System (Lane Assist) switched off → *Driving with Lane Assist*
	Speed limiter not available → *Speed limiter not available*
	Cruise control system malfunction → *Cruise control system malfunction*
	Adjustable speed warning → *Driving data menu*
	Adaptive cruise control (ACC) not available → *ACC is not available*
	Lane Keeping System (Lane Assist) not available → *Lane Assist not available*
	Lane Assist in control → *Driving with Lane Assist*
	Side Assist malfunction → *Side Assist malfunctioning*
	Rear Traffic Alert brakes → *Automatic braking intervention*
	Engine control malfunction → *Engine control malfunction*
	Exhaust system malfunction → *Exhaust-related malfunction*
	Particulate filter clogged with soot → *Particulate filter clogged with soot*
	Engine RPM limited → *Engine speed limited*
	12-volt power supply malfunction → *12-volt power supply*
	Transmission malfunction → *Clutch slips*
	Vehicle key not in vehicle → *Valid vehicle key cannot be detected*
	Drowsiness Monitor malfunction → *Limited availability of the Drowsiness Monitor*

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	Drowsiness Monitor not available → *Drowsiness Monitor not available*
	Advanced Road Sign Display is not available → *Advanced Road Sign Display is not available*
	Press the brake pedal. → *The engine is not starting*
	Turn signals → *Turn signal indicator light*
	Trailer turn signal → *Trailer turn signal indicator light (for trailer hitch installed at the factory)*
	Cruise control switched on, regulation active → *Introduction*
	Speed limiter switched on, regulation active → *Introduction*
	Lane Keeping System (Lane Assist) ready to take control → *Driving with Lane Assist*
	Semi-automated driving assistance (Travel Assist) active → *Introduction*
	Adaptive Cruise Control (ACC) regulates, no vehicle driving ahead is detected → *Switching ACC on and off*
	Adaptive Cruise Control (ACC) regulates, vehicle driving ahead is detected → *Switching ACC on and off*
	High beams or headlight flasher → *Switching the high beam headlights on and off*
	Cruise control switched on, regulation not active → *Introduction*
	Speed limiter switched on, regulation not active → *Introduction*
	Adaptive Cruise Control (ACC) is not regulating; a vehicle is detected driving ahead → *Switching ACC on and off*
	Adaptive Cruise Control (ACC) is not regulating; no vehicle is detected driving ahead → *Switching ACC on and off*
	Lane Keeping System (Lane Assist) not ready to take control → *Driving with Lane Assist*
	Semi-automated driving assistance (Travel Assist) inactive, Adaptive Cruise Control (ACC) active, adaptive lane guidance passive → *Introduction*
	Semi-automated driving assistance (Travel Assist) deactivated → *Introduction*
	Outside temperature is below +39 °F (+4 °C) → *Volkswagen Digital Cockpit Pro Information Displays*, → *Volkswagen Digital Cockpit Basic Information Displays*
	Start/Stop system active → *Start-stop system*
	Start/Stop system not available → *Start-stop system*
	Service due → *Service interval display*
	Drowsiness detected → *Warning Levels of the Drowsiness Monitor*
	Advanced Road Sign Display partially deactivated → *Advanced Road Sign Display is partially deactivated*
	Advanced Road Sign Display outside the usage area → *Advanced Road Sign Display is outside the usage area*

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	High beam control (Light Assist) active → *Switching on high beam control (Light Assist)*, → *Switching on Dynamic Light Assist*
	Take over the steering → *Take over the steering*
	Autonomous Emergency Braking (Front Assist) starts → *Autonomous Emergency Braking starts*
	Distance warning → *Warning levels and braking support*
	Eco driving mode → *Driving mode properties*
	Normal driving mode → *Driving mode properties*
	Sport driving mode → *Driving mode properties*
	Individual driving mode → *Driving mode properties*
	Mobile phone battery charge level → *Volkswagen Digital Cockpit Pro Information Displays*; → *Volkswagen Digital Cockpit Basic Information Displays*
	Note about information in the Owner's Manual → *Note about information in the Owner's Manual*
	Adjustment due to a bend → *Driving with predictive cruise control*
	Adjustment due to an intersection → *Driving with predictive cruise control*
	Adjustment due to a roundabout → *Driving with predictive cruise control*
	Rear seat information muted → *Parking*
	Speed adjustment due to a speed restriction → *Driving with predictive cruise control*
	Cell phone connected via Bluetooth® → *Volkswagen Digital Cockpit Pro Information Displays*; → *Volkswagen Digital Cockpit Basic Information Displays*

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Warning and information texts

The status of some functions inside the vehicle and vehicle components are checked when the ignition is switched on or while driving. Malfunctions are indicated by red and yellow warning symbols in the instrument cluster display and may also be signaled audibly in some cases. The appearance of texts and symbols may vary depending on the instrument cluster version.

Any malfunctions currently occurring can also be manually called up. To do this, open theVehicle status or Vehicle menu *(→ Vehicle settings menu)*.

Priority 1 warning message

The red central warning light flashes or comes on, in some cases together with warning tones or additional symbols. Do not continue driving! There is a hazard. Check the malfunction. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility immediately for assistance.

Priority 2 warning message

The yellow central warning light flashes or comes on, in some cases together with warning tones or additional symbols. Malfunctions or insufficient operating fluids can cause vehicle damage and vehicle malfunctions. Check the malfunction as soon as possible. Immediately contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility to have the system checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Note about information in the Owner's Manual

You can find more information about the existing warning message in the Owner's Manual.

Informational text

Information about various processes in the vehicle.

If there are multiple warning messages, the symbols will appear consecutively for several seconds. The symbols will appear until the malfunction is corrected.

If warning messages about malfunctions appear when the ignition is switched on, settings or information displays may not appear as described. If the malfunction persists, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Introduction to the instrument cluster

The vehicle may be equipped either with an analog instrument cluster or a Volkswagen Digital Cockpit. The instrument cluster shows essential information, such as speed.

In addition, the following functions, among others, are available depending on the equipment:

— Various menus, such as for the driver assistance systems.

— Status displays for the driver assistance systems.

— Display messages.

— Warning and indicator lights.

— Information about economy and range.

Content can be individually adapted and settings can be changed in the menus.

WARNING

Operating the Volkswagen Digital Cockpit and Infotainment system can distract you from traffic. If the driver is distracted while driving, accidents and serious or fatal injuries can occur.

- Always drive attentively and responsibly.
- Never operate the instrument cluster while driving.
- Only adjust any settings in the instrument cluster or Infotainment system when the vehicle is stationary.

WARNING

If there is a serious fault in the instrument cluster, the display may be turned off. The warning light may also come on here. No further warnings can be displayed. This may result in vehicle breakdowns while driving, accidents and serious or fatal injuries.

- Safely stop the vehicle.
- See an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

After starting the engine when the 12 V vehicle battery is severely drained or when it has been replaced or jump-started, the system settings, e.g. personal convenience settings and programming, and user profiles may be changed or erased. Check and correct the settings after the 12 V vehicle battery is sufficiently recharged.

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Overview of the Volkswagen Digital Cockpit Pro

The Volkswagen Digital Cockpit Pro is a digital instrument cluster with a high-resolution TFT color display. By selecting different information profiles, other displays can be shown in addition to the standard dials, such as the tachometer. The term Volkswagen Digital Cockpit Pro is used to refer to the “Pro digital instrument cluster” in the following.

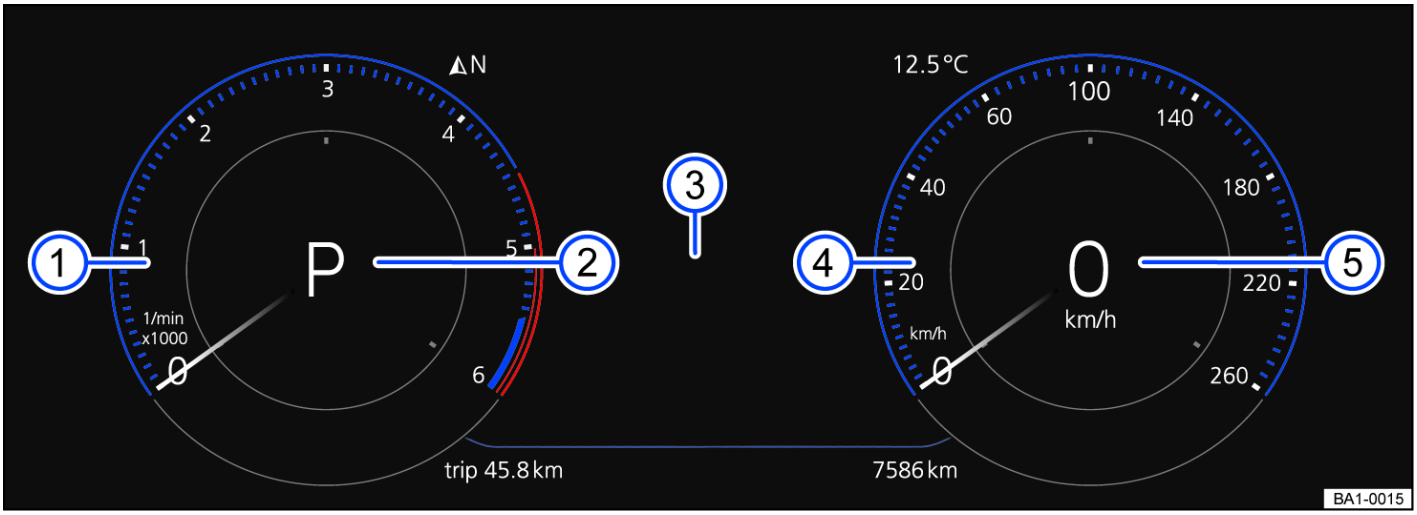


Fig. 1 In the instrument panel: Volkswagen Digital Cockpit Pro(general example).

1. Tachometer (RPM of the running engine).
2. Currently engaged gear or selector lever level .
3. Displays.
4. Speedometer.
5. Digital speed display.

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Operating the Volkswagen Digital Cockpit Pro



Fig. 1 Right side of the multi-function steering wheel: Operating the Volkswagen Digital Cockpit Pro.



Fig. 2 On the right side of the steering column: buttons on the windshield wiper lever.

Vehicles with a multi-function steering wheel do not have buttons on the windshield wiper lever. The Volkswagen Digital Cockpit Pro is then exclusively operated via the buttons on the multi-function steering wheel. The functions of buttons on the multi-function steering wheel vary depending on the vehicle equipment.

Vehicles with multi-function steering wheel: Menus cannot be opened when a priority 1 warning message is displayed *(→ Warning and information texts)*. You can confirm and hide some messages using the OK button on the multi-function steering wheel *→ fig. 1*.

Vehicles without multi-function steering wheel: Menus cannot be opened when a priority 1 warning message is displayed *(→ Warning and information texts)*. You can confirm and hide some messages using the OK/RESET *→ fig. 2* (1) button.

Selecting a menu or information display

Vehicles with multi-function steering wheel:

1. Switch the ignition on.
2. If a message or vehicle icon is displayed, press the OK button, repeatedly if necessary.
3. To display a menu and to scroll through the menu, press the or button.
4. To open the displayed menu or the information display, press the OK button on the windshield wiper lever or wait until the menu or information display opens automatically after a few seconds.

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Vehicles without multi-function steering wheel:

1. Switch the ignition on.
2. If a message or vehicle icon is displayed, press the OK/RESET button → *fig. 2* (1), repeatedly if necessary.
3. To go to the menu selection or to return to the menu selection from a menu or information display, press and hold the rocker switch → *fig. 2* (2).
4. To scroll through the menus, press the rocker switch upward or downward.
5. To open the displayed menu or information display, press the OK/RESET → *fig. 2* (1) button or wait until the menu or the information display opens automatically after several seconds.

Applying settings in the menus

Vehicles with multi-function steering wheel:

1. Press the △ or ▽ arrow button in the displayed menu until the preferred menu item is highlighted.

   The item is marked with a frame around it.
2. Press the OK button to apply the desired changes.

   A check mark ☑ indicates that the respective function is switched on.
3. To return to the menu selection, press the ↩ or ↪ button.

Vehicles without multi-function steering wheel:

1. In the displayed menu, press the rocker switch → *fig. 2* (2) upwards or downwards until the desired menu item is marked.

   The item is marked with a frame around it.
2. Press the OK/RESET button → *fig. 2* (1) to apply the desired changes.

   A check mark ☑ indicates that the respective function is switched on.
3. To return to menu selection, selectBack or press and hold the rocker switch → *fig. 2* (2).

VIEW button on multi-function steering wheel

You can use the VIEW button to switch between the classic display of dials, the large platform without information profiles, and the enhanced view with highlighted information profiles. The classic display shows the large dials on the right and left side, and the selected information profile is displayed in the center.

1. Press and hold the VIEW button to select from the preset information profiles in the list:

Classic

View without information profiles.

Automatic

The information profiles adjust to the selected driving mode. Only for vehicles with Driving Mode Selection.

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Preset 1

Individual selection of information profiles

Preset 2

Individual selection of information profiles

Preset 3

Only on vehicles with standard factory-installed navigation system.

Navigation map in the Volkswagen Digital Cockpit Pro

Depending on the vehicle equipment, the Volkswagen Digital Cockpit Pro may display a detailed navigation map.

The navigation map can be displayed in three sizes. With the larger map view, the navigation map is shown across the entire display. To select the desired map size, proceed as follows:

1. Select menu item Navigation.
2. Press the VIEW button on the multi-function steering wheel to switch between the map sizes.
3. Press the △ or ▽ arrow buttons on the multi-function steering wheel to zoom in or out.
4. When zooming manually, press the OK button on the multi-function steering wheel to switch to auto-zoom.

Depending on the equipment, navigation will be shown on two screens or only on one screen. The navigation map may appear in the Volkswagen Digital Cockpit Pro and in the Infotainment system or just in the Infotainment system. If the navigation map is shown in the Infotainment system, only navigation arrows are shown in the Volkswagen Digital Cockpit.

If warning messages about malfunctions appear when the ignition is switched on, settings or information displays may not appear as described. If the malfunction persists, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

Operating the Volkswagen Digital Cockpit and Infotainment system can distract you from traffic. If the driver is distracted while driving, accidents and serious or fatal injuries can occur.

- Always drive attentively and responsibly.
- Never operate the instrument cluster while driving.
- Only adjust any settings in the instrument cluster or Infotainment system when the vehicle is stationary.

Volkswagen Digital Cockpit Pro Information Displays

Information profiles

Using the Digital Cockpit menu item in the vehicle Infotainment system vehicle settings, you can select different, topic-specific information profiles *(→ Vehicle settings menu)*. Depending on the selected information profile, the Volkswagen Digital Cockpit Pro may show additional information in the center of the dials or the dials may be hidden and the additional information shown across the entire display. The following information profiles can be selected:

— Audio. Digital display of the current audio playback

— Comfort drive Travel Assist. Visual display of various driver assistance systems .

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— Distance Display of the distance driven.
— Gear indicator Display of the current gear or the selected gear.
— Speed Display of the speed.
— Navigation Graphic display of arrow navigation
— Range. Display of the range.
— Consumption Graphic display of the current consumption and the digital display of the average consumption
— Advanced Road Sign Display. Display of detected traffic signs.
— Destination arrival information. Display of remaining driving time, the distance to the destination, and the estimated arrival time.

Depending on the equipment, the number and scope of the information profiles that can be selected may vary.

Possible displays in the Volkswagen Digital Cockpit Pro

Depending on the vehicle equipment, different information may be shown in the Volkswagen Digital Cockpit Pro:

— Outside temperature display.
— Road signs detected by Advanced Road Sign Display.
— Driver assistance systems.
— Driving data menu and menus for various settings.
— Gear recommendation *(→ Gear recommendation)*.
— Speed warnings.
— Speed warning for winter tires.
— Open doors, hood and trunk lid.
— Infotainment system and navigation information.
— Odometer displays.
— Compass display.
— Radiator fan run-on.
— Engine code (
).
— Driver personalization: greeting and user selection .
— Service interval display.
— Status display for the start-stop system .
— Phone information.
— Time.
— Selector lever position.
— Warning and information texts.
— Warning and indicator lights *(→ Symbols in the instrument cluster)*.

Outside temperature display

When outside temperatures are colder than approximately +4°C(+39°F), a snowflake symbol also appears on the outside temperature display ❄. This symbol remains on until the outside temperature rises above +6 °C(+43 °F).

In the following situations, the temperature displayed may be higher than the actual outside temperature due to heat radiating from the engine:

— When the vehicle is stationary
— When the driving speed is very low

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The measurement range is from -45 °C(-49 °F) to +76 °C (+169 °F)

WARNING

Roads may be icy when outside temperatures are low, even if they are above the freezing point. There is an increased risk of an accident on icy roads. This could result in serious or fatal injuries.

- If the ❄ symbol is displayed in the instrument cluster display, drive with extra caution.
- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.
- Never rely solely on the outside temperature display.

Gear recommendation

A recommendation to select a fuel-saving gear may be displayed in the Volkswagen Digital Cockpit while driving *(→ Gear recommendation)*.

Open doors, hood and trunk lid

If, after unlocking the vehicle and while driving, any doors and/or the hood or trunk lid are open, this is displayed in the Volkswagen Digital Cockpit and an audible signal may also sound.

Speed warning for winter tires

If the set maximum speed is exceeded, this will be shown in the digital instrument cluster.

Settings for the speed warning can be adjusted in the vehicle settings in the Infotainment system *(→ Winter tires)*.

Compass display

When the ignition is switched on, the instrument cluster display shows an abbreviation to indicate the direction the vehicle is currently traveling, for example “NW” for northwest.

If the Infotainment system is switched on and route guidance is not active, the graphic display of a compass is also available.

Odometer displays

The odometer registers the total distance that the vehicle has driven.

The trip trip odometer shows the miles that were driven since the trip odometer was last reset.

1. Reset the odometer via the Infotainment system or the service menu *(→ Service menu)*.

Radiator fan run-on

This indicator appears after the ignition has been switched off, if the radiator fan continues to run.

The radiator fan may continue running due to:

— Exhaust gas post-treatment, through particulate filter regeneration, for example.

— Active brake cooling after descent.

— Dissipation of engine heat after high load, e.g. trailer mode.

Engine code (EC)

1. Open the service menu *(→ Service menu)*.
2. Select the Engine code menu item.

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Phone information

If a cell phone is connected via Bluetooth, the Bluetooth symbol will be displayed in the Volkswagen Digital Cockpit.

The symbol also indicates the charge level of the mobile device.

Selector lever position

The selector lever position that is engaged is shown on the left side of the selector lever and in the Volkswagen Digital Cockpit.

If necessary, the respective gear is displayed in the Volkswagen Digital Cockpit when in the D/S selector lever position and when in tiptronic mode *(→ Automatic transmission (combination))*.

- Some settings can be saved in the driver personalization user profiles and can then be changed automatically when the user profile is switched .
- Suitably qualified professionals can program or modify additional functions depending on the vehicle equipment. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- There are different instrument clusters; therefore the versions and appearances of the displays may vary. Malfunctions will only be indicated by indicator lights if the display does not have warning or information texts.
- Some displays in the Volkswagen Digital Cockpit may be hidden due to events that occur suddenly, e.g. incoming phone calls.
- Depending on the equipment, some settings and displays may also appear in the Infotainment system.

Overview of the Volkswagen Digital Cockpit Basic

The Digital Cockpit is a digital instrument cluster with a high-resolution TFT color display. By selecting different views, e.g. tachometer, and different displays in the main display area and in the secondary display areas, further content can be shown. The term “Volkswagen Digital Cockpit” is used to refer to the digital instrument cluster in the following.

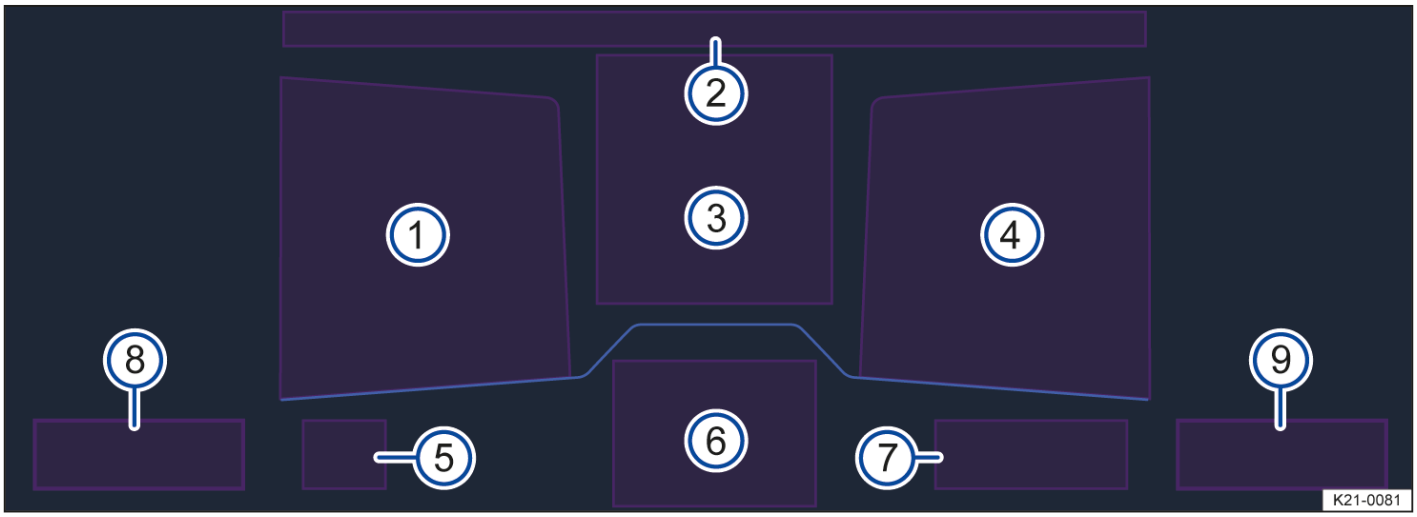


Fig. 1 In the instrument panel: Volkswagen Digital Cockpit Basic(general example).

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1 Secondary display area.

2 Time, compass and temperature.

3 Main display area.

4 Secondary display area.

5 Currently engaged gear or selector lever level.

6 Active driver assistance.

7 Range.

8 Coolant temperature gauge.

9 Fuel gauge.

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Operating the Volkswagen Digital Cockpit Basic



Fig. 1 Right side of the multi-function steering wheel: Operating the Volkswagen Digital Cockpit Basic.



Fig. 2 On the right side of the steering column: buttons on the windshield wiper lever.

Vehicles with a multi-function steering wheel do not have buttons on the windshield wiper lever. The Volkswagen Digital Cockpit Basic is then exclusively operated via the buttons on the multi-function steering wheel. The functions of buttons on the multi-function steering wheel vary depending on the vehicle equipment.

Vehicles with multi-function steering wheel: Menus cannot be opened when a priority 1 warning message is displayed *(→ Warning and information texts)*. You can confirm and hide some messages using the OK button on the multi-function steering wheel *→ fig. 1*.

Vehicles without multi-function steering wheel: Menus cannot be opened when a priority 1 warning message is displayed *(→ Warning and information texts)*. You can confirm and hide some messages using the OK/RESET *→ fig. 2* (1) button.

Views in the main display area

Vehicles with multi-function steering wheel:

1. Press the VIEW button to switch the main display.

The following views can be shown in the display area:

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Digital view

Digital speedometer with secondary displays.

Speed

Classic display of the speedometer as a dial.

Tachometer

Classic display of the tachometer as a dial.

Depending on the vehicle equipment, the amount of information shown and the scope thereof may vary.

After switching off the ignition, a display is shown with information on the vehicle status, e.g. total mileage.

In the Speed and Tachometer views, an additional secondary display can be configured in the center of the dial.

Selecting secondary displays

Vehicles with multi-function steering wheel: The secondary displays can be configured or hidden independently of each other. Various driving data, navigation information or information about audio playback or phone interfaces can be shown on the secondary displays. To select the secondary displays, proceed as follows:

1. Select the right or left secondary display area using the or buttons.
2. Select the preferred secondary display using the and arrow buttons.
3. Confirm your selection with the OK button.

Selecting secondary displays in the dial

Vehicles with multi-function steering wheel:

1. Select the preferred secondary display using the and arrow buttons.
2. Confirm your selection with the OK button.

Vehicles without multi-function steering wheel:

1. To open the secondary displays, press the rocker switch → *fig. 2* (2) upward or downward.
2. To scroll through the menus, press the rocker switch → *fig. 2* (2) upward or downward.
3. Press the OK/RESET button → *fig. 2* (1) to confirm the selected secondary display.

If warning messages about malfunctions appear when the ignition is switched on, settings or information displays may not appear as described. If the malfunction persists, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

Operating the Volkswagen Digital Cockpit and Infotainment system can distract you from traffic. If the driver is

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distracted while driving, accidents and serious or fatal injuries can occur.

- Always drive attentively and responsibly.
- Never operate the instrument cluster while driving.
- Only adjust any settings in the instrument cluster or Infotainment system when the vehicle is stationary.

Volkswagen Digital Cockpit Basic Information Displays

Possible displays

Depending on the vehicle equipment, different information may be shown in the main display and secondary display areas of the Volkswagen Digital Cockpit Basic:

— Outside temperature display.

— Time and date.

— Digital speed.

— Driver assistance systems.

— Driving data menu, e.g. Travel time/distance driven.

— Gear recommendation *(→ Gear recommendation)*.

— Speed warning for winter tires.

— Open doors, hood and trunk lid.

— Odometer displays.

— Compass display.

— Radiator fan run-on.

— Engine code (
).

— Navigation information.

— Engine oil temperature.

— Driver personalization: greeting.

— Radio information.

— Service interval display.

— Status display for the start-stop system .

— Phone information.

— Selector lever position.

— Warning and information texts.

— Warning and indicator lights.

— Destination information.

You can adjust further settings in the submenu.

Outside temperature display

When outside temperatures are colder than approximately +4°C(+39°F), a snowflake symbol also appears on the outside temperature display ❄. This symbol remains on until the outside temperature rises above +6 °C(+43 °F).

In the following situations, the temperature displayed may be higher than the actual outside temperature due to heat radiating from the engine:

— When the vehicle is stationary

— When the driving speed is very low

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The measurement range is from -45 °C(-49 °F) to +76 °C (+169 °F)

WARNING

Roads may be icy when outside temperatures are low, even if they are above the freezing point. There is an increased risk of an accident on icy roads. This could result in serious or fatal injuries.

- If the ❄ symbol is displayed in the instrument cluster display, drive with extra caution.
- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.
- Never rely solely on the outside temperature display.

Gear recommendation

A recommendation to select a fuel-saving gear may be displayed in the Volkswagen Digital Cockpit while driving *(→ Gear recommendation)*.

Open doors, hood and trunk lid

If, after unlocking the vehicle and while driving, any doors and/or the hood or trunk lid are open, this is displayed in the Volkswagen Digital Cockpit and an audible signal may also sound.

Speed warning for winter tires

If the set maximum speed is exceeded, this will be shown in the digital instrument cluster.

Settings for the speed warning can be adjusted in the vehicle settings in the Infotainment system *(→ Winter tires)*.

Compass display

If the Compass secondary display is activated, the direction in which you are currently driving is shown as a blue arrow with a depiction of the vehicle and a compass.

Radiator fan run-on

This indicator appears after the ignition has been switched off, if the radiator fan continues to run.

The radiator fan may continue running due to:

— Exhaust gas post-treatment, through particulate filter regeneration, for example.

— Active brake cooling after descent.

— Dissipation of engine heat after high load, e.g. trailer mode.

Engine code (EC)

1. Open the service menu *(→ Service menu)*.
2. Select the Engine code menu item.

Navigation information

When route guidance is activated, theNavigation instruction auxiliary display shows the direction of travel as an arrow.

An arrow behind the entry in the configuration menu indicates a submenu.

The submenu lists your home address and a list of your most recent destinations. Route guidance can be started with the OK button.

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Phone information

If the Phone secondary display is activated and a cell phone is connected via Bluetooth, the Bluetooth symbol will be displayed in the Volkswagen Digital Cockpit. The symbol also indicates the charge level of the mobile device.

In the submenu, a list of the most recent phone calls is shown and you have the option to call the displayed contacts back.

Selector lever position for automatic transmission

The selector lever position and, depending on the driving mode, the gear that is engaged, are shown on the selector lever and in the Volkswagen Digital Cockpit. The gear shift pattern is displayed when the brake or the selector lever in the instrument cluster are actuated.

Destination information

When route guidance is activated, theDestination information secondary display shows the predicted journey time and distance from the destination.

Some settings can be saved in the driver personalization user profiles and can then be changed automatically when the user profile is switched .

Some displays in the Volkswagen Digital Cockpit may be hidden due to events that occur suddenly, e.g. incoming phone calls.

Depending on the equipment, some settings and displays may also appear in the Infotainment system.

Tachometer

The start of the red area on the tachometer indicates the maximum permissible engine speed for all gears when the engine is run in and at operating temperature.

Before reaching the red area, shift to the next highest gear, select the selector lever position D/S or take your foot off the accelerator pedal.

NOTICE

To prevent engine damage, the tachometer indicator may only be in the red area of the scale briefly. A heavy engine load, especially when the engine is cold, can lead to engine damage.

- Avoid high engine speeds, harsh acceleration and heavy engine loads when the engine is cold.

Shifting up early helps save fuel and reduce operating noises.

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Digital fuel gauge

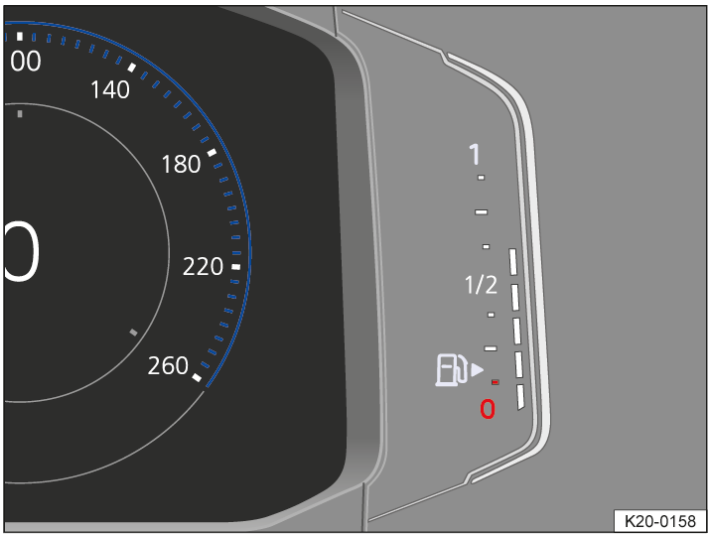


Fig. 1 In the Volkswagen Digital Cockpit Pro: fuel gauge (general example).

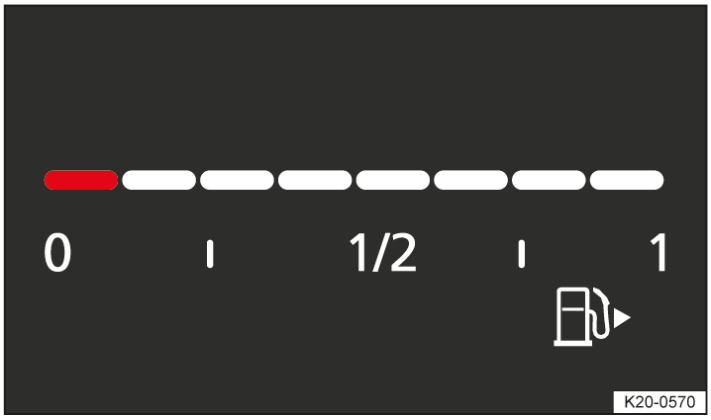


Fig. 2 In the Volkswagen Digital Cockpit Basic: fuel gauge (general example).

WARNING

If the fuel level is too low, this can result in irregular fuel supply and cause the engine to "sputter" or cut out, particularly when traveling uphill or downhill. This may result in vehicle breakdowns while driving, accidents and serious or fatal injuries. The steering, all driver assistance systems and brake support systems will not work if the engine cuts out due to fuel shortage or irregular fuel supply.

- Check that the fuel tank is always sufficiently filled.
- Always refill the fuel when the fuel tank is only 1/4 full.

NOTICE

Irregular fuel supply can result in misfiring and unburnt fuel entering the exhaust system.

- Never drive with a completely empty fuel tank.

The small arrow next to the fuel pump symbol on the fuel gauge indicates which side of the vehicle the fuel filler flap is on.

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Fuel tank almost empty

The yellow indicator light turns on. The reserve supply(red marking) is being used.

1. Refuel at the next opportunity.

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Digital coolant temperature gauge

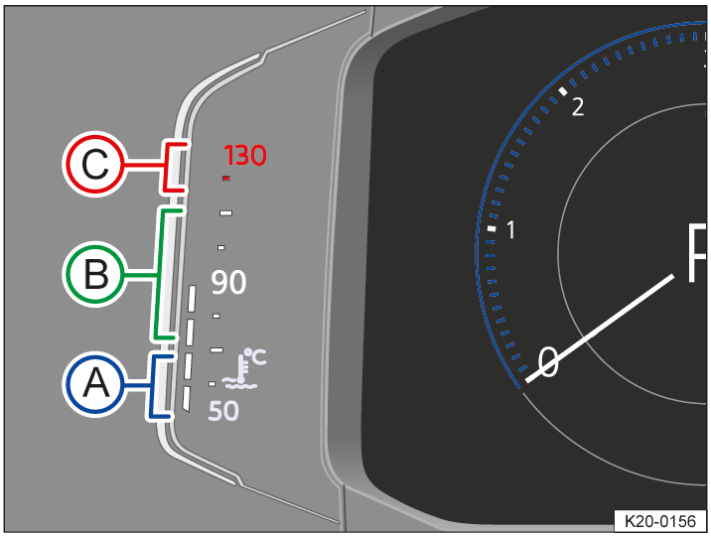


Fig. 1 In the Volkswagen Digital Cockpit Pro: coolant temperature gauge (general example).

(A) Cold range. The engine is not at operating temperature yet. Avoid high engine RPMs and heavy engine load when the engine is not at operating temperature.

(B) Normal range.

(C) Warning range. The bar may move into the warning range when engine load is heavy, especially when ambient temperatures are high.

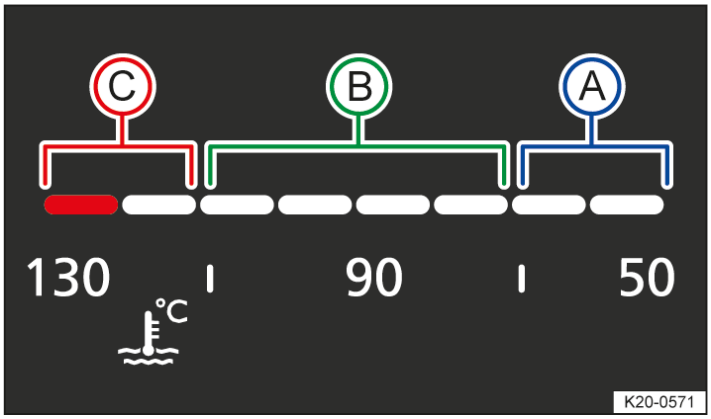


Fig. 2 In the Volkswagen Digital Cockpit Basic: coolant temperature gauge (general example).

(A) Cold range. The engine is not at operating temperature yet. Avoid high engine RPMs and heavy engine load when the engine is not at operating temperature.

(B) Normal range.

(C) Warning range. The bar may move into the warning range when engine load is heavy, especially when ambient temperatures are high.

If the warning light flashes red, the coolant temperature is too high or the coolant level is too low *(→ Engine coolant)*.

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Driving data menu

The driving data menu shows driving and consumption data. Depending on the vehicle equipment, various driving data can be displayed. The displayed driving data is dependent on the current driving style, the vehicle status, e.g. particle filter regeneration, and the current driving situation, e.g. city traffic. The driving data is determined as an average value over sections of different distances and the currently displayed value may therefore differ from the actual average value.

Since start **memory**

If the trip is interrupted for more than two hours, the memory is erased.

Since refuel **memory**

Display and memory of the collective driving and consumption data. The memory is erased when the vehicle is refueled.

Extended period **memory**

The memory collects the driving data up to 19 hours and 59 minutes or 99 hours and 59 minutes driving time or 1999.9 km (miles) or 9999.9 km (miles) distance driven. If one of these maximum thresholds is met, the memory is erased. The maximum thresholds may vary depending on the version of the instrument cluster.

Volkswagen Digital Cockpit Pro and Analog Instrument Cluster Driving Data Menu

The driving data is available in the context menu of the Volkswagen Digital Cockpit Pro.

Switching Between the Displays in the Volkswagen Digital Cockpit Pro and the Analog Instrument Cluster

Vehicles with multi-function steering wheel:

1. Press the △ or ▽ button on the multi-function steering wheel.

Vehicles without multi-function steering wheel:

1. Press the TRIP rocker switch on the windshield wiper lever.

Switching Between the Memories in the Volkswagen Digital Cockpit Pro and the Analog Instrument Cluster

Vehicles with multi-function steering wheel:

1. Press the OK button on the multi-function steering wheel.

Vehicles without multi-function steering wheel:

1. Press the OK/RESET button on the windshield wiper lever.

Deleting the Driving Data Memories in the Volkswagen Digital Cockpit Pro and the Analog Instrument Cluster

Vehicles with multi-function steering wheel:

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1. Select the memory to be erased.
2. Press the OK button on the multi-function steering wheel.

Vehicles without multi-function steering wheel:

1. Select the memory to be erased.
2. Press the OK/RESET button on the windshield wiper lever.

If you would like to know how many kilometers are driven in the course of a day, clear the Long-term memory before you start driving and read it at the end of the day.

Adjustable Speed Warning

The following setting can be used to set an individual speed warning:

Vehicles with multi-function steering wheel:

1. Select the Warning at --- km/h or Warning at --- mph display.
2. Press the OK button on the multi-function steering wheel to save the current speed and to activate the warning.
3. Set the speed on the multi-function steering wheel within approximately five seconds by pressing the △ and ▽ arrow buttons. Then press the OK button or wait several seconds.

   The speed will then be saved and the warning will be activated.
4. Press the OK button again to deactivate.

   The stored speed is erased.

Vehicles without multi-function steering wheel:

1. Select the Warning at --- km/h or Warning at --- mph display.
2. Press the OK/RESET button on the windshield wiper lever to save the current speed and to activate the warning.
3. Set the desired speed within five seconds with the TRIP rocker switch on the windshield wiper lever. Then press the OK/RESET button or wait several seconds.

   The speed will then be saved and the warning will be activated.
4. Press the OK/RESET button again to deactivate.

   The stored speed is erased.

The warning can be set for speeds between 30 km/h (18 mph) and 250 km/h (155 mph).

Depending on the country, a single warning tone sounds at speeds of over approximately 80 km/h (approximately 50 mph), and from approximately 120 km/h (approximately 75 mph), a continuous warning tone sounds. The indicator light will also be displayed in the instrument cluster display. This warning is required by law and cannot be altered.

Volkswagen Digital Cockpit Basic Driving Data Menu

The driving data is available in the secondary display area of the Volkswagen Digital Cockpit Basic.

Selecting the Driving Data Menu in the Volkswagen Digital Cockpit Basic

Vehicles with multi-function steering wheel:

1. Select the right or left secondary display area using the or buttons.

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2. Select your preferred driving data menu using the △ and ▽ arrow buttons.
3. Confirm your selection with the OK button.

Vehicles without multi-function steering wheel:

1. To open the secondary displays, press the rocker switch on the windshield wiper lever upward or downward.
2. To scroll through the menus, press the rocker switch upward or downward.
3. Press the OK/RESET button to confirm the selected driving data menu.

Resetting the Driving Data Menu in the Volkswagen Digital Cockpit Basic

Vehicles with multi-function steering wheel:

1. Press the ◁ or ▷ button.
2. Select the corresponding driving data menu in the configuration menu using the △ and ▽ arrow buttons.

   An arrow behind the entry in the configuration menu indicates a submenu.
3. In the submenu, select Reset data and confirm by pressing the OK button.

Vehicles without multi-function steering wheel:

1. Press and hold the OK/RESET button.

Driving Data in the Infotainment system

Driving Data can be displayed in the Infotainment system, in addition to being displayed in the instrument cluster.

Selecting Displays in the Infotainment System

You can select the driving data you would like to display using the vehicle settings in the Infotainment system *(→ Vehicle settings menu)*.

∅ Consumption

The average fuel consumption is displayed after approximately 300 m(approx. 984 ft).

Range

This indicates the approximate distance in km(miles) the vehicle can travel under the same driving conditions.

∅ Speed

The average speed is displayed after approximately 100 m(approximately 328 ft).

Some settings can be saved in the driver personalization user profiles and can then be changed automatically when the user profile is switched .

⚠ WARNING

If the driver is distracted while driving, accidents and serious injuries can occur. Operating the Volkswagen Digital Cockpit and Infotainment system can distract you from traffic.

- Always drive attentively and responsibly.
- Never operate the instrument cluster while driving.

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● Only adjust any settings in the instrument cluster or Infotainment system when the vehicle is stationary.

Service menu

Depending on the equipment, settings can be applied in the service menu.

Opening the Service Menu in the Volkswagen Digital Cockpit Pro

1. Select the Range information profile.
2. Press and hold the OK button on the multifunction steering wheel for approximately four seconds.
3. Navigate in the menu using the buttons on the multi-function steering wheel.

Opening the Service Menu in the Volkswagen Digital Cockpit Basic

1. Select the Travel time/distance driven secondary display.
2. Press and hold the or button on the multi-function steering wheel in the same direction for approximately six seconds.
3. Use the and arrow buttons to navigate the menu.

Resetting the service interval display

1. Select Service menu.
2. Follow the instructions in the instrument cluster display.

Resetting the oil change service

1. Select Reset oil change service menu.
2. Follow the instructions in the instrument cluster display.

Resetting the Trip Odometer on the Volkswagen Digital Cockpit Pro

1. Select Reset trip menu.
2. Follow the instructions in the instrument cluster display.

Displaying the Engine Code (EC)

1. Select Engine code menu.

   The engine code is shown on the instrument cluster display.

Setting the time

1. Select Time menu.
2. Set the time with the and arrow buttons.

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Displaying copyright information

1. Select the Copyright menu to access the copyright information.

Service interval display

Displays about service events appear in the instrument cluster display and in the Infotainment system. There are different versions of the instrument cluster and Infotainment system; therefore, the appearances of the displays may vary.

Service appointments at Volkswagen are divided into oil change services and inspections. The service interval display informs the driver about the next service appointment which includes an engine oil change and about the next inspection.

The service intervals are specified for vehicles with the fixed oil change service interval.

Intervals are determined individually on vehicles with the flexible oil change service interval. Oil change services only need to be performed if the vehicle requires it. The specific operating conditions and the personal driving style are also taken into consideration. The service early warning message is first displayed 30 days prior to the calculated oil change service due date. The displayed remaining distance to be traveled is always rounded to 100 km (miles) and the remaining time is rounded to whole days.

Service notification

If an oil change service or an inspection service is due in the near future, a service notification will be displayed when the ignition is switched on.

The specified mileage or time is the distance or time until the next service can be completed.

Service event

When an oil change service or an inspection service is due, a chime will sound when switching on the ignition and you can then see a wrench symbol for a few seconds in the instrument cluster display together with one of the following displays:

— Inspection now!

— Oil change now!

— Oil change service and inspection now!

Checking a service due date in the Infotainment system

When the ignition is on, the engine is off and the vehicle is stationary, the current service due date can be checked:

Checking the service due date in the Infotainment system:

1. Depending on the vehicle equipment, press the MENU button or function key and select theVehicle menu in the Infotainment system.

   Or: depending on the vehicle equipment, press the CAR button or function key.
2. Depending on how your vehicle is equipped, select theSettings menu.
3. Select the Service menu item to display the service information.

Checking a Service Due Date in the Volkswagen Digital Cockpit Pro and Basic Versions

When the ignition is on, the engine is off and the vehicle is stationary, the current service due date can be checked:

1. Open the service menu *(→ Service menu)*.

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Resetting the service interval display

If the service interval display was not reset after the oil change service or inspection service, the display can be reset as follows:

Vehicles with a digital instrument cluster: The service interval display can only be reset through the service menu *(→ Service menu)*.

Do not reset the service interval display between service intervals or incorrect information will be displayed.

If the oil change service interval was manually reset, the service interval display then also switches to a fixed service interval, even on vehicles with the flexible oil change service interval.

The service message automatically disappears after a few seconds when the engine is running or by pressing the OK/RESET button on the windshield wiper lever or the OK button on the multi-function steering wheel.

If the 12 V vehicle battery in a vehicle with the flexible oil change service interval has been disconnected for an extended period, the time for the next oil change service cannot be calculated. Therefore, the service interval displays may show incorrect calculations. If this is the case, follow the maximum permissible service intervals.

Time

Setting the time in the Infotainment system

1. Depending on the design, press the MENU button or function key and open the Vehicle menu.

   Or: depending on the vehicle equipment, press the CAR button or function key.
2. Depending on how your vehicle is equipped, open the Settings menu.
3. Select the Time and date menu item to set the time.

Setting the Time in the Volkswagen Digital Cockpit Pro

1. Select the Range information profile.
2. Press and hold the OK button on the multi-function steering wheel until the service menu is available in the instrument cluster display *(→ Service menu)*.
3. Select Time menu.
4. Set the correct time using the △ or ▽ arrow buttons.

Setting the Time in the Volkswagen Digital Cockpit Basic

1. Open the service menu *(→ Service menu)*.
2. Select the Time menu.
3. Set the correct time with the OK button.

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Vehicle settings menu

You can switch individual functions and systems on and off and adjust settings in the vehicle settings menu in the Infotainment system.

Opening the Vehicle settings **Menu**

1. Switch the ignition on.
2. If necessary, switch on the Infotainment system.
3. Depending on the equipment, press the MENU button or function key and select theVehicle menu.

   Or: depending on the design, press the CAR button or function key and select theSettings menu.

   Or: Tap the function key and select theCar menu.
4. To open other menus in theVehicle settings menu or to adjust settings to the menu items, tap the function key and select the relevant function keys.
5. Tap the function key to return to the previous menu.

A check mark☑ indicates that the respective function is switched on.

System settings and vehicle information display

— Vehicle settings (setup)

— Depending on vehicle equipment: Performance monitor .

— Depending on vehicle equipment: Lap timer .

— Volkswagen Digital Cockpit (Pro) .

— Volkswagen Digital Cockpit (Basic) .

— Active media.

— Driving Data.

— Vehicle status.

— Radio station selection.

After starting the engine when the 12 V vehicle battery is severely drained or has been replaced or jump-started, system settings, e.g. personal convenience settings and programming, may be adjusted or deleted. Check and correct the settings after the 12 V vehicle battery is sufficiently recharged.

⚠ WARNING

Operating the Infotainment system can distract you from traffic. If the driver is distracted, accidents and serious or fatal injuries can occur.

- Always drive attentively and responsibly.
- Adjust settings in the Infotainment system only when the vehicle is stationary.

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Fig. 1 In the instrument cluster display: Drowsiness Monitor symbol.

The Drowsiness Monitor informs the driver if their driving behavior indicates fatigue.

The Drowsiness Monitor determines the driver's driving behavior while they are driving and uses this to create a fatigue assessment. If the system detects that a driver is fatigued, it will visually inform you on the instrument cluster display with a warning light or an indicator light in conjunction with an additional message and a warning tone *→ Warning Levels of the Drowsiness Monitor*. The message in the instrument cluster display is displayed for about four to six seconds.

When is it active?

The driving behavior is evaluated for the first time only at a speed above approx. 65 km/h (approx. 40 mph) and subsequently only at speeds above about 60 km/h (approx. 37 mph).

⚠ WARNING

The Drowsiness Monitor is not a replacement for the driver's attention and works only within the system limitations. This means that the Drowsiness Monitor cannot detect the driver's fatigue in all situations and may not issue a warning, or may issue a warning with a delay or in a way that is not desired. There is a risk of accidents and serious or fatal injuries.

- Always stay attentive and do not rely solely on the system. It is always your responsibility to make sure that you are fit to drive.
- Observe the system limitations *(→ Drowsiness Monitor)*.
- Never drive a vehicle when tired.
- On longer journeys, take regular breaks and make sure that you feel adequately rested before setting off again.
- Pay attention to indicators in the instrument cluster display and respond to the prompts accordingly *(→ Drowsiness Monitor)*.

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System Limitations of Drowsiness Monitor

The Drowsiness Monitor has system-related limitations. The following conditions may cause the Drowsiness Monitor to only work with limitations or not at all:

— Speeds below approx. 60 km/h (approx. 37 mph).

— Speeds above approx. 130 km/h (approx. 80 mph).

— Winding roads.

— Poor road surfaces.

— Inclement weather.

— Construction sites.

— Sporty driving.

— Journeys with heavy or long trailers *(→ Trailer towing)*.

— If you are very distracted.

The Drowsiness Monitor has only been developed for driving on highways and well-constructed roads.

Microsleep

There is no immediate warning for microsleep!

Resetting the Drowsiness Monitor

The Drowsiness Monitor is reset in the following situations:

— When the ignition has been switched off.

— When you have taken off your safety belt and opened the driver door.

— When the vehicle is stationary for more than approximately 30 minutes.

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Driving with the Drowsiness Monitor

Switching on and off

Depending on the country, the Drowsiness Monitor is always switched on when the engine is started. If necessary, you can switch off the Drowsiness Monitor manually in the Infotainment system.

If necessary, you can manually switch off the Drowsiness Monitor in the Infotainment system:

1. Open the Assistance systems menu.
2. Switch the Drowsiness Monitor on or off in the relevant submenu *(→ Vehicle settings menu)*.

Setting the Sensitivity

You can manually adjust the sensitivity of the Drowsiness Monitor and thus influence how quickly the system responds to your driving behavior.

In the Infotainment system:

1. Open the Assistance systems menu.
2. Open the Drowsiness Monitor.
3. Select Sensitivity in the Sensitivity submenu *(→ Vehicle settings menu)*.

Hiding Messages Via the Multi-Function Steering Wheel

1. Press the OK button on the multi-function steering wheel.

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Warning Levels of the Drowsiness Monitor

If the system detects that a driver is fatigued, it will visually inform you on the instrument cluster display with a warning light or an indicator light in conjunction with an additional message and a warning tone. There are three levels of messages.

Drowsiness Monitor – Level 1

Onset of drowsiness detected.

A warning tone sounds. A white indicator light appears with a message in the instrument cluster display. Consider taking a break.

Drowsiness Monitor – Level 2

Increasing drowsiness detected.

A warning tone sounds. A red warning light appears with a message in the instrument cluster display. Consider taking a break soon.

Drowsiness Monitor – Level 3

Acute risk detected.

A warning tone sounds. A red warning light appears with a message in the instrument cluster display. Acute risk to road traffic. End the journey as quickly as possible and urgently drive to the nearest rest stop!

Time-dependent information

The Drowsiness Monitor detects a driving duration of 4.5 hours without a break and without detecting driver fatigue.

A white indicator light appears with a message in the instrument cluster display. Consider taking a break.

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Limited availability of the Drowsiness Monitor

A warning tone sounds. A yellow indicator light appears with a message in the instrument cluster display. The Drowsiness Monitor is only available to a limited extent.

— Malfunction or fault. Stop the engine and restart.

— If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Drowsiness Monitor not available

A warning tone sounds. A yellow indicator light appears in combination with the yellow central warning light. A message is also displayed in the instrument cluster display and in the Vehicle Status menu.

— Malfunction or fault. Stop the engine and restart. Check the settings of the Drowsiness Monitor in the Infotainment system *(→ Vehicle settings menu)*.

— System limitations are not adhered to.

— If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Introduction

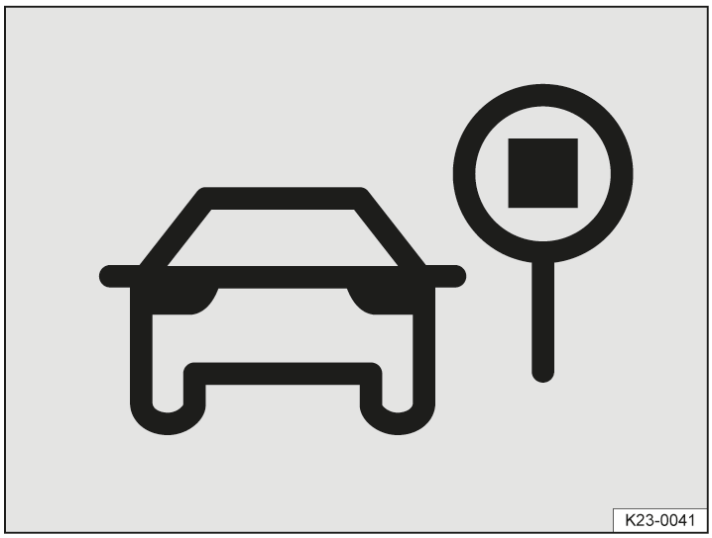


Fig. 1 In the instrument cluster display: Advanced Road Sign Display symbol.

The Advanced Road Sign Display detects speed limits, no-overtaking zones and selected hazard signs and informs the driver if the permissible maximum speed is exceeded.

Using a camera at the base of your interior rearview mirror, the Advanced Road Sign Display detects standardized traffic signs and informs you about speed restrictions, no-overtaking zones and selected hazard signs. Within the system limitations, the Dynamic Road Sign Display of the Advanced Road Sign Display also displays an additional sign to warn of temporary restrictions, for example. The system may also continue to display the valid speed limit on roads without signs.

If the maximum speed limit is exceeded, the speed warning of the Advanced Road Sign Display visually informs you on the instrument cluster display with a flashing speed limit recognized by the system and, depending on the settings, a warning tone → *Warning Levels of the Speed Warning*.

Dynamic Road Sign Display

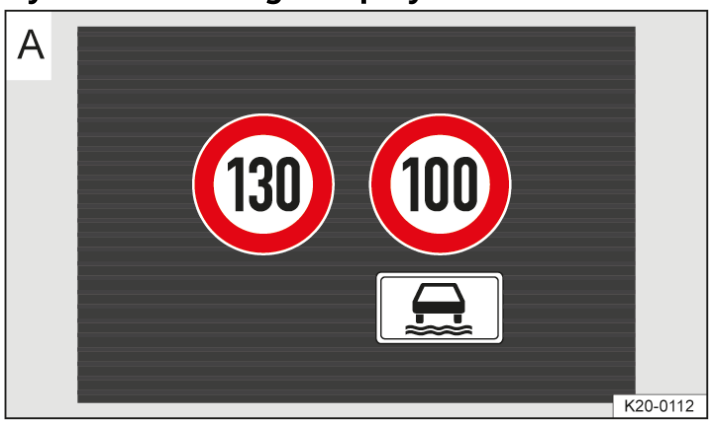


Fig. 2 In the instrument cluster display: displays of the Dynamic Road Sign Display with additionally detected signs (general example).

After checking and evaluating the information from the camera, the Infotainment system, and the current vehicle data, the Dynamic Road Sign Display function displays up to two valid traffic signs and a generic additional sign, e.g. wet conditions → *fig. 2*:

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1st position:

The road sign that is currently valid is shown on the left side of the display, for example a speed limit 130 km/h (80 mph).

2nd position:

Another road sign can be displayed in the second position, such as a hazard sign.

Additional signs:

A recognized additional sign, e.g. for a time restriction, is displayed under the applicable traffic sign. Depending on the vehicle equipment, the applicable traffic sign in the head-up display is supplemented by the generic additional sign.

The hazard sign display is not available in all countries, and it is possible that the system is not able to detect every hazard sign.

When driving on highways or two-lane expressways in Germany, the Dynamic Road Sign Display also displays the road sign for the lifting of all road restrictions, in addition to the speed limits and passing restrictions. In all other countries, the valid speed limit is displayed instead.

The traffic signs recorded by the Dynamic Road Sign Display are shown in the display of the Volkswagen Digital Cockpit. Depending on the Infotainment system installed in the vehicle, the road signs may also be displayed there.

⚠ WARNING

The Advanced Road Sign Display is not a replacement for the driver's attention and works only within the system limitations. This means that the Advanced Road Sign Display cannot detect all road signs and may not react, or may react with a delay or in a way that is not desired. Driving recommendations and road signs displayed in the Dynamic Road Sign Display may differ from the actual traffic situation.

- Observe the system limitations *(→ Advanced Road Sign Display)*.
- Keep the navigation data up to date.
- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Traffic signs on the roads and traffic regulations must always take precedence over driving recommendations and displays from the Dynamic Road Sign Display function.
- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.
- Pay attention to indicators in the instrument cluster display and respond to the prompts accordingly *(→ Advanced Road Sign Display)*.

System Limitations of Advanced Road Sign Display

The Advanced Road Sign Display has system-related limitations. The following conditions may cause the Advanced Road Sign Display to only work with limitations or not at all:

— High ambient temperature or long exposure to direct sunlight.

— Poor visibility, such as in snow.

— Glare, for example from oncoming traffic or the sun

— High speeds

— Dirty camera.

— If road signs are outside of the camera's visual field

— Partially or completely covered traffic signs, such as due to trees, snow, dirt or other vehicles.

— If road signs are not in the standard format

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— If there are damaged or bent road signs
— If there are variable traffic signs on overhead signs (variable display of road signs byLED s or other lighting).
— If there is outdated map material in the Infotainment system
— If there are stickers on vehicles that indicate road signs, such speed limits on commercial vehicles

The system sometimes uses the camera behind the windshield. You can find further information in the information about the sensor system .

The system will also use navigation data if the vehicle does not have a navigation system. Keep the navigation data up to date *(→ Navigation)*. Please contact suitably qualified professionals if you have any questions. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Driving with the Speed Warning

When is it active?

The speed warning issues warnings at speeds of above approx. 20 km/h(approx. 12 mph).

Switching on and off

Depending on the country, the speed warning is always switched on when the engine is started. If necessary, you can manually switch off the speed warning in the Infotainment system.

1. Open the Assistance systems menu.
2. Switch the speed warning on or off in the relevant submenu.

Activating and Deactivating the Warning Tone

In the Infotainment system:

1. Open the Assistance systems menu.
2. Tap the Speed warning function key.
3. Activate or deactivate the warning tone at a relevant point *(→ Vehicle settings menu)*.

When you start the engine, the warning tone is always activated.

Setting the Warning Threshold

You can manually adjust the warning thresholds for the speed warning.

In the Infotainment system:

1. Open the Assistance systems menu.
2. Tap the Speed warning function key.
3. To select the level of the warning thresholds, tap ∨ in the Warning threshold menu item *(→ Vehicle settings menu)*.

When you start the engine, the warning thresholds for the speed warning are always reset to the default value.

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Activating and Deactivating the Change Tone

The change tone audibly informs the driver that the speed limits have changed. If necessary, you can manually switch off the change tone.

In the Infotainment system:

1. Open the Assistance systems menu.
2. Tap the Speed warning function key.
3. Activate or deactivate the change tone at a relevant point *(→ Vehicle settings menu)*.

Hiding Error Messages Via the Multi-Function Steering Wheel

1. Press the OK button on the multi-function steering wheel.

Trailer mode

On vehicles with a trailer hitch installed at the factory and a trailer that is connected to the vehicle electrical system, the display of road signs relevant to a trailer, such as the valid speed limit and passing restrictions for vehicles with a trailer, can be activated and deactivated in the vehicle settings in the Infotainment system.

For trailer mode, the display of valid speed limits can be adjusted to the model of the trailer and to the legal regulations in the country in which you are driving.

In the Infotainment system:

1. Open the Assistance systems menu.
2. Tap the Trailer detection function key.
3. To specifically adjust the warning threshold for trailer mode, tap ⌄ in the Warn when exceeding menu item *(→ Vehicle settings menu)*.

Warning Levels of the Speed Warning

If the system detects that the maximum speed limit is exceeded, it will visually inform you on the instrument cluster display with a flashing speed limit recognized by the system and, depending on the settings, a warning tone. There are two warning levels for messages.



Fig. 1 In the instrument cluster display: detection of the maximum speed limit being exceeded (general example).

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Speed warning – Level 1

The system has detected that the maximum speed limit has been exceeded.

The speed limit detected by the system flashes continuously in the instrument cluster and, depending on the vehicle equipment, in the head-up display *→ fig. 1*.

Speed warning – Level 2

The system has detected that the maximum speed limit is progressively being exceeded.

A warning tone sounds. The speed limit detected by the system flashes continuously in the instrument cluster and, depending on the vehicle equipment, in the head-up display *→ fig. 1*.

The second warning level is triggered if the speed limit continues to be increasingly exceeded.

The second warning level is canceled again if the driver actively reduces the speed.

Troubleshooting

Advanced Road Sign Display is outside the usage area

A warning tone sounds. A white indicator light will appear in the instrument cluster display. A message is also displayed in the instrument cluster display and in the Vehicle Status menu.

— No data available for this area. The Advanced Road Sign Display is not supported in the country in which you are currently driving.

Advanced Road Sign Display is not available

A warning tone sounds. A yellow indicator light will appear in combination with the yellow central warning light in the instrument cluster display. A message is also displayed in the instrument cluster display and in the Vehicle Status menu.

— The windshield is dirty in the area around the camera or weather conditions are interfering with the camera view. Clean the windshield *(→ Vehicle care)*.

— The camera's view is limited by attachments or stickers. Keep the area around the camera field of view clear *(→ Accessories and replacement parts)*.

— The camera is misaligned or damaged, for example as a result of damage to the windshield. Check if there is noticeable damage *(→ Accessories and replacement parts)*.

— The camera was automatically deactivated due to a high ambient temperature or long exposure to direct sunlight. Advanced Road Sign Display will be available once the camera is available again. Stop the engine and restart.

— Malfunction or fault. Stop the engine and restart.

— If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Advanced Road Sign Display is partially deactivated

A white indicator light will appear in the instrument cluster display for 10 seconds.

The default settings of the speed warning are adjusted:

— Check whether the speed warning is deactivated *(→ Advanced Road Sign Display)*.

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— Check whether the warning tone is activated *(→ Advanced Road Sign Display)*.

— Check whether the warning threshold set by default is changed *(→ Advanced Road Sign Display)*.

Introduction

Number of seats

The vehicle has a total of five seats: two seats in the front and three seats in the back.

Every seat is equipped with a safety belt.

An incorrect seating position significantly impairs the protective function of the safety belt. This could result in serious or fatal injuries. The risk of serious or fatal injuries increases even more if a deployed airbag strikes a passenger who is sitting in an incorrect seating position. The driver is responsible for all vehicle occupants and especially for children who are being transported in the vehicle.

⚠ WARNING

Sitting incorrectly in the vehicle can increase the risk of serious or fatal injuries during sudden driving or braking maneuvers, in the event of a collision or accident, and if the airbags are deployed.

- Before the vehicle starts to move, all vehicle occupants must always be in the correct seating position and maintain it while driving. Safety belts must also be fastened and remain fastened.
- The number of persons in the vehicle must not exceed the number of seats with safety belts.
- Never tilt your backrest too far back.
- Always keep feet in the footwell while driving. Never place your feet on the seat or on the instrument panel, for example. Never place your feet out of the window. Otherwise, if the airbag and the safety belt deploy, they could increase the risk of injury in the event of an accident instead of providing protection.

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Correct seating position

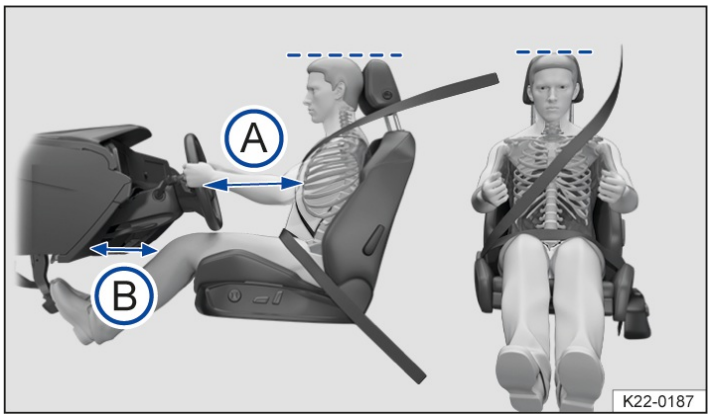


Fig. 1 Correct distance between the driver and the steering wheel, correct safety belt position and correct head restraint adjustment (general example).

The correct seating positions for the driver and passengers are specified in the information that follows.

The safety belt and airbags only provide the optimum protection when vehicle occupants are seated in a correct seating position. If individuals cannot achieve the correct seating position due to physical conditions, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for more information about possible special modifications. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

For your safety, to ensure that driving is as fatigue-free as possible and to reduce the risk of injuries in the event of a sudden braking maneuver or accident, Volkswagen recommends the following seating positions:

The following applies to all vehicle occupants:

— Adjust the head restraint so that the upper edge of the head restraint is in line with the upper portion of the head as much as possible, but not lower than eye level. Position the back of the head as close as possible to the head restraint → *fig. 1*.

— For shorter individuals, slide the head restraint all the way downward, even if the head is then below the upper edge of the head restraint.

— For taller individuals, move the head restraint upward all the way.

— Always keep both feet in the footwell.

— Adjust and fasten the safety belts correctly .

The following additional points apply to the driver:

— Sit as far back on the seat cushion as possible.

— Adjust the forward/back position of the driver seat so that you can press the pedals while your legs are slightly bent and there is at least 10 cm (around 4 inches) of space between the instrument panel and your knees → *fig. 1* (B).

— Adjust the driver seat so that the top point of the steering wheel can be reached.

— Position the seat backrest in an upright position, so that your back rests completely on the seat backrest.

— Your thighs should rest comfortably on the seat cushion. The back of your knees should extend a few centimeters past the front edge of the seat cushion. Depending on the vehicle equipment, use additional settings for the seats *(→ Mechanical front seat)* .

— Adjust the seat so that the distance between the steering wheel and your chest is at least 25 cm (around 10 inches) → *fig. 1* (A) and you can hold the steering wheel firmly at the sides with both hands and your elbows slightly bent.

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— When adjusted, the steering wheel must always face your chest and not be directed toward your face.

The following additional points apply to the front passenger:

— Position the seat backrest in an upright position, so that your back rests completely on the seat backrest.

— Move the front passenger seat into the rear half of the adjustment range so that the airbag can provide optimum protection if it deploys.

Introduction

Safety belts that are fastened correctly hold vehicle occupants in the correct position during braking maneuvers or in a collision, in order to provide the maximum protection.

WARNING

The risk of serious and fatal injuries may increase if the safety belts are not worn or are worn incorrectly.

- Before every trip, everyone in the vehicle must seat themselves correctly, fasten the safety belt that belongs to the seat they are using, and keep it fastened while the vehicle is in motion.
- Secure children before and during every journey in the vehicle with a child restraint system that is appropriate for their weight and height and with the safety belt used correctly .
- Always insert the buckle tongue into the belt buckle that belongs to that seat and let it engage securely. Using a buckle from another seat reduces the protection provided by the safety belt and can cause serious injuries.
- Never unfasten the safety belt while the vehicle is in motion.
- Secure only one person with a safety belt.
- Never allow children or infants to ride on anyone's lap and never strap children or infants to another person with the same safety belt.
- Do not wear extremely bulky, loose clothing in the vehicle, such as a coat over a sports jacket, because this could impair the fit and function of the safety belt.

WARNING

The risk of serious and fatal injuries increases if the safety belts are damaged. If the belt webbing or other parts of the safety belt are damaged, the safety belts could tear during a collision or sudden breaking maneuver.

- Never allow safety belts to become caught in the door or the seat mechanisms because the belts could be damaged.
- If there is damage to the belt fabric, the belt connections, the automatic belt retractor or the buckle, have the affected safety belt or belt fastening element replaced immediately by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. The authorized Volkswagen dealer or authorized Volkswagen Service Facility must use the correct parts for the vehicle, equipment and model year. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never try to repair, modify, or remove the safety belts or belt fastening elements yourself. Have all repairs to safety belts, belt retractors and buckle components performed only by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. The authorized Volkswagen dealer or authorized Volkswagen Service Facility must only replace the safety belt with a safety belt approved for the seat. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Have safety belts that are stretched during a collision replaced by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility. It may be necessary to replace them even if there is no visible damage. Check the safety belts' anchorage as well.

WARNING

Incorrect handling of the safety belts increases the risk of severe or fatal injuries.

- Check the safety belts and associated components regularly to ensure they function correctly.
- Always keep the safety belts clean.
- Never allow foreign objects or fluid to enter the openings in the safety belt latches and belt buckles. This could impair the function of the safety belt latch openings, belt buckles and safety belts.

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● Never pinch the safety belt. Never damage the safety belt or allow it to rub against any objects with sharp edges.

Fasten seat belts reminder



Fig. 1 In the instrument cluster display: warning light for the fasten seat belts reminder.

Fasten safety belts reminder for the front seats

If the safety belts are not fastened when you begin driving, at a speed of over approx. 25 km/h (approx. 15 mph), or if the safety belts are unfastened during a journey, a warning chime sounds for 126 seconds when the driver or front passenger seat is occupied by an adult. The red warning light in the instrument cluster display will also blink.

When the ignition is switched on, the red warning light only turns off after all vehicle occupants have fastened their safety belts.

Fasten seat belts reminder for the rear seats (depending on the country and the vehicle equipment)



Fig. 2 On the instrument cluster display: Fasten seat belts reminder for the rear seats (variant 1).



Fig. 3 On the instrument cluster display: Fasten seat belts reminder for the rear seats (variant 2).

When the ignition is switched on, the fasten seat belts reminder in the instrument cluster display indicates to the driver whether possible adult passengers in the rear seats have their safety belts fastened.

This indicator will look different, depending on which version of the instrument cluster you have.

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Option 1

This symbol indicates that the passenger in this seat has fastened “their own” safety belt.

When these symbols blink alternately, this indicates that the passenger in this seat has not fastened “their” safety belt.

This symbol indicates that this seat is not occupied.

Option 2

When the symbol is green, this indicates that the passenger in this seat has fastened “their” safety belt.

When the symbol is red, this indicates that the passenger in this seat has not fastened “their” safety belt.

When the symbol is white, this indicates that this seat is not occupied.

If a passenger occupying one of the rear seats unfastens their safety belt while you are driving, depending on which version of the instrument cluster you have, either the symbol will light up red continuously for this seat or the symbols will blink alternately. The red warning light in the instrument cluster display will also blink. If driving at speeds faster than approx. 25 km/h (approx. 15 mph), a warning chime will also sound for 126 seconds.

WARNING

The fasten seat belts reminder is designed to recognize adult vehicle occupants. A seat occupied by a light person, particularly by children, may not necessarily be recognized. The fasten seat belts reminder does not react, or has limited reactions when a child seat or seat cushion is in use. This may result in failure to detect that lighter people and children do not have their safety belt fastened. They could suffer serious or fatal injuries in an accident.

- Always ensure that all vehicle occupants, especially children, have their seat belt correctly fastened.

Fastening and unfastening the safety belts

Fastening the safety belt



Fig. 1 Inserting the buckle tongue into the safety belt buckle (general example).

1. Assume the correct seating position *(→ Seating position)*.
2. Grab the belt and pull it evenly over the chest and pelvis. Do not twist the belt while doing this *(→ Safety belt positioning)*.
3. Insert the buckle tongue securely in the safety belt buckle for that seat→ *fig. 1*.
4. Pull on the safety belt to make sure the buckle tongue is latched correctly in the safety belt buckle.

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Unfastening the safety belt

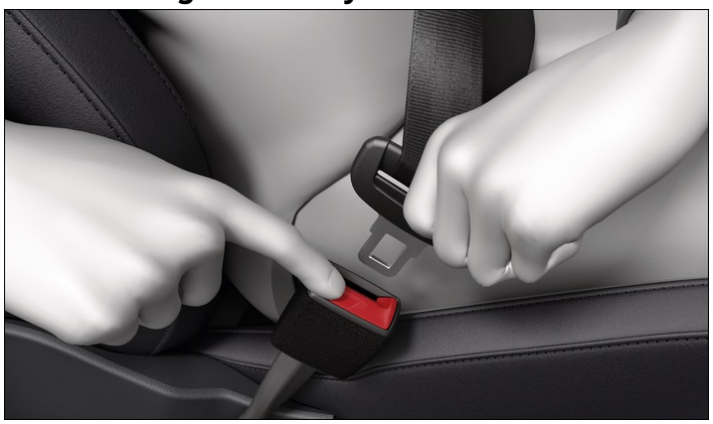


Fig. 2 Releasing the buckle tongue from the safety belt buckle (general example).

Only unfasten the safety belt while the vehicle is stationary *(→ Safety belt positioning)*.

1. Press the red button in the safety belt buckle → *fig. 2*.

   The buckle tongue will pop out.

2. Guide the belt back by hand so that the belt rolls up easily, the belt does not twist, and the trim panel is not damaged.

Twisted safety belt

If the safety belt is difficult to pull out of the belt guide, the safety belt may have been pulled out too quickly when positioning the belt and may have become twisted within the side trim panel:

1. Slowly and carefully pull the safety belt out completely by the belt buckle.
2. Untwist any twisted sections of the safety belt and guide the belt back slowly by hand.
3. If you cannot untwist the safety belt, fasten the safety belt anyway.

   The twist must not be in a section of the belt that rests directly on the body.

4. Go to an authorized Volkswagen dealer or authorized Volkswagen Service Facility immediately to have the belt untwisted. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Safety belt positioning

Safety belts only offer the optimum protection during a collision and reduce the risk of serious injury or death if they are fastened and positioned correctly. The correct safety belt position also holds the vehicle occupant in place so that the airbags can provide their maximum protection if they deploy. Therefore, all vehicle occupants should always fasten their own safety belts and make sure they are positioned correctly → *fig. 1*.

Correct safety belt positioning

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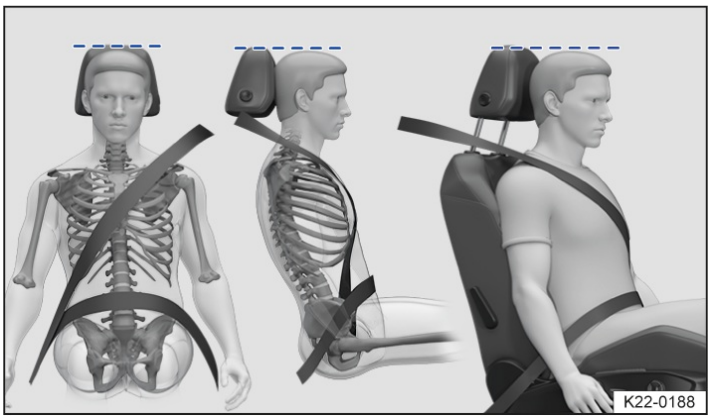


Fig. 1 Correct safety belt positioning and correct head restraint adjustment (general example).

— The shoulder belt section of the safety belt must always be positioned over the center of the shoulder and never across the neck, above the arm, under the arm, or behind the back.

— The lap section of the safety belt must always lie across the lap and never over the stomach.

— The safety belt must always rest flat and securely on the body. Retighten the belt if necessary.

Correct safety belt positioning for pregnant women



Fig. 2 Correct safety belt positioning for pregnant women (general example).

For pregnant women, the safety belt must rest evenly across the chest and as low and flat as possible on the lap, so that no pressure is applied to the lower abdomen. This should be done throughout the entire pregnancy *→ fig. 2*.

Adjusting the safety belt position to body size

The belt positioning can be adjusted with the following equipment:

— Belt height adjusters for the front seats *(→ Safety belt height adjuster)*.

— Height-adjustable front seats *(→ Seating position)*.

⚠ WARNING

Incorrect safety belt positioning can cause serious injuries in the event of an accident or during sudden braking or driving maneuvers.

- Ensure your safety belt is positioned correctly.
- Place the backrest in an upright position and position your safety belt correctly for your size to maximize the protective function of the safety belt.

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- Place the shoulder portion of the safety belt over the center of your shoulder, and never under your arm or across your neck.
- Lay the safety belt flat and securely on the upper part of the body and pelvis. Retighten the belt if necessary.
- Ensure the lap section of the safety belt lies across your lap and never over your stomach.
- Throughout your pregnancy, ensure the safety belt rests evenly across your chest and as low and flat as possible on your lap. This will prevent pressure being applied to your lower abdomen.
- Do not twist the safety belt while securing or wearing it.
- Never hold the safety belt away from the body with your hand.
- Do not guide the safety belt over hard or breakable objects, such as eyeglasses, pens, or keys.
- Do not modify how the safety belt is routed using belt clips, retaining loops, or similar objects.

Persons who cannot achieve the optimum belt routing due to physical conditions should contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility about possible special modifications that can be used to achieve the best possible protection with the safety belt and airbags. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Safety belt height adjuster



Fig. 1 Next to the front seats: safety belt height adjuster.

You can use the safety belt height adjuster to adjust the safety belt routing in the shoulder area according to your individual body size, so that the safety belt can be correctly fastened:

1. Push down and hold the safety belt height adjustment button in the direction of the arrows→ *fig. 1*.
2. Slide the safety belt height adjuster upward or downward until the safety belt lies over the center of the shoulder *(→ Safety belt positioning)*.
3. Release the safety belt height adjustment button.
4. Pull hard on the safety belt to check that the safety belt height adjuster is engaged.

WARNING

Changing the safety belt height while driving may cause serious or fatal injuries.
- Never adjust the safety belt height while driving.

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Automatic safety belt retractor, safety belt pretensioner, safety belt load limiter

The vehicle seat belts are part of the vehicle safety concept . The vehicle safety concept has the following key functions:

Automatic safety belt retractor

The safety belts for the driver and front passenger seat, and the safety belts for rear outer seats and also the rear center seat, depending on the vehicle equipment), are equipped with an automatic safety belt retractor in the belt shoulder section. If the safety belt is pulled slowly or while driving normally, the shoulder belt will be able to move freely. The automatic safety belt retractor blocks the safety belt from moving if the safety belt is pulled out quickly, for example during sudden braking maneuvers, when driving on hills, when driving around curves and when accelerating.

In critical driving situations, fastened front safety belts can be automatically tensioned by the proactive passenger protection system, e.g. in the case of an emergency braking maneuver or if the driver oversteers or understeers. If an accident does not happen or the critical driving situation is no longer applicable, both safety belts are loosened again. The proactive passenger protection system is ready to be triggered again .

Safety belt pretensioners

The safety belts for the vehicle occupants in the front seats and, depending on the vehicle equipment, in the outer seats in the rear of the vehicle have safety belt pretensioners.

Safety belt pretensioners are activated by sensors and tighten the safety belts in the event of severe front-on, side and rear collisions or if the vehicle rolls over. If the safety belt is loose, it retracts. This can reduce the forward movement of the vehicle occupants and movement of the vehicle occupants in the direction of the collision. The safety belt pretensioner works together with the airbag system. The safety belt pretensioner is only activated during a rollover accident if the Side Curtain Protection® airbags are deployed.

Fine dust may appear if airbags deploy. This is completely normal and does not indicate a fire in the vehicle.

WARNING

The safety belt pretensioners only provide protection for one deployment. If the safety belt pretensioners deploy, the system must be replaced.

- Have deployed safety belt pretensioners and affected system components replaced immediately with new parts that are approved by Volkswagen for the vehicle.
- Only have suitably qualified professionals make repairs or modifications to a vehicle. Authorized Volkswagen dealers and authorized Volkswagen Service Facilities have the required tools, diagnostic devices, repair information, and qualified personnel. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never install safety belt pretensioner components removed from scrap vehicles or from recycling.
- Never modify any components of the safety belt pretensioners.

Reversible belt tensioning (proactive passenger protection system)

In certain driving situations, the safety belts may be subject to reversible belt tensioning . Examples are:

— Heavy braking.

— Oversteer or understeer.

— Light collisions.

After certain driving situations, the reversible safety belt pretensioning may be permanently tightened. If this is the case, in order to loosen the belt tensioning, the safety belts must be manually removed and correctly fastened again when the vehicle is stationary.

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Safety belt load limiter

The safety belts for the vehicle occupants in the front seats and in the outer seats at the rear of the vehicle have safety belt load limiters.

Safety belt load limiters reduce the force placed on the body by the safety belts during a collision.

When disposing of the vehicle or of individual system components, all safety precautions must be observed. An authorized Volkswagen dealer or authorized Volkswagen Service Facility will be familiar with these provisions *(→ Safety belt pretensioners)*. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Safety belt pretensioner servicing and disposal

When working on safety belt pretensioners, as well as when removing and installing other vehicle components as part of repair work, the safety belts can become damaged without you noticing. This may cause the safety belt pretensioner to not work correctly or prevent it from working in the event of an accident.

The instructions must be followed so that the effectiveness of the safety belt pretensioner is not impaired and removed components do not cause injuries and environmental pollution. An authorized Volkswagen dealer or authorized Volkswagen Service Facility will be familiar with these provisions. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

Repairs that you perform yourself or that are performed incorrectly on the safety belts, automatic safety belt retractors, and safety belt pretensioners can increase the risk of severe or fatal injuries. The safety belt pretensioner may not deploy when it should, or it may deploy unexpectedly.

- Never perform repairs, adjustments, or removal and installation of components of the safety belt pretensioners or safety belts yourself. Only have these procedures performed by suitably qualified professionals . Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Safety belts, safety belt pretensioners and automatic safety belt retractors cannot be repaired. These components must be replaced.

The airbag module and safety belt pretensioners may contain perchlorate. Observe all the legal regulations applicable to disposal.

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Introduction

The proactive passenger protection system is a support system which initiates measures for protecting the vehicle occupants in hazardous situations. However it cannot prevent a collision.

Speed range

The proactive passenger protection system is available in its basic function at speeds above approximately 30 km/h (19 mph) when driving forward.

⚠ WARNING

The proactive passenger protection system is not a replacement for the driver's attention and works only within the system limitations. The proactive passenger protection system cannot detect all driving situations and may not react, or may react with a delay, or may react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Observe the system limitations *(→ Proactive passenger protection system)*.
- Always adapt your speed and distance to vehicles driving ahead based on the visual, weather, road, and traffic conditions.

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Functions of the proactive passenger protection system

Basic functions

In critical driving situations, the following functions may be initiated either individually or jointly, e.g. in the case of an emergency braking maneuver, if the driver understeers or oversteers or in the event of non-serious collisions:

— Reversible belt tensioning of the fastened safety belts for the driver and front passenger.

— Depending on the vehicle equipment, automatic closing function for the side windows that leaves them open only a crack.

Depending on the critical driving situation, the safety belts may be tightened individually or together.

Additional functions for vehicles with Autonomous Emergency Braking (Front Assist)

On vehicles with Autonomous Emergency Braking(Front Assist), the probability of a collision with the vehicle in front is also calculated within the limits of the system. If the system detects that a rear-end collision is likely or initiates heavy braking, this can trigger the proactive passenger protection system.

Setting in the Driving Mode Selection

On vehicles with Driving Mode Selection, the proactive passenger protection system is adapted to the special vehicle setup of the driving mode.

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Limitations of the proactive passenger protection system

The proactive passenger protection system depends on local laws and regulations for the vehicle equipment.

The proactive passenger protection system is not available or only available to a limited extent in the following situations:

— Malfunction of the ESC
, the reversible safety belt pretensioning or the airbag control module .
— ASR
deactivated or ESC limited .
— System fault or restriction of Autonomous Emergency Braking (Front Assist).
— Reverse gear engaged.
— If there are reflective objects, e.g. guard rails, tunnel entrances, heavy rain, or ice.
— If there are animals or objects that are difficult to detect.

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A message is briefly shown in the instrument cluster display.

— The proactive passenger protection system has limited availability or is not available. Stop the engine and restart.

— If the malfunction persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the proactive passenger protection system checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Additional information may be displayed in the vehicle status, depending on the malfunction *(→ Vehicle settings menu)*.

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Introduction

Airbags are not a replacement for safety belts, which must always be worn.

Airbags can only provide additional protection for vehicle occupants if the seats, safety belts, head restraints and steering wheel for the driver are adjusted correctly and used.

The airbags will not deploy in all situations where there is visible vehicle damage.

Situations in which airbags will not always deploy:

— If the ignition is switched off during a collision.

— In minor head-on collisions.

— In non-serious side-on collisions.

— In rear-end collisions.

— When the vehicle rolls over.

— In low-speed collisions.

The airbag cannot always prevent injuries, such as swelling, bruises, burns, and abrasions.

WARNING

If there are objects located between vehicle occupants and the airbag deployment zone, they will change the airbag deployment zone and the risk of injury if the airbag deploys increases. During sudden braking or driving maneuvers or in the event of an accident, the objects could move into the airbag deployment zone and then be thrown through the vehicle interior if the airbag deploys.

- Never hold objects in your hands or on your lap while driving.
- Never transport objects on the front passenger's seat.

WARNING

Once the airbags have been deployed, they lose their protective function and must be replaced. If the airbags do not have their protective function, the risk of injury during sudden braking or driving maneuvers or accidents increases.

- Have any deployed safety airbags and affected system components replaced immediately with new parts that are approved by Volkswagen for the vehicle.
- Only have suitably qualified professionals make repairs or modifications to a vehicle. Authorized Volkswagen dealers and authorized Volkswagen Service Facilities have the required tools, diagnostic devices, repair information, and qualified personnel. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never install airbag components removed from scrap vehicles or from recycling.
- Never modify components of the airbag system.

WARNING

Fine dust and water vapor can develop when the airbags deploy. This is normal and does not indicate a fire in the vehicle. The fine dust can irritate the skin and mucous membranes in the eyes and can cause breathing problems, particularly for individuals who have asthma or other respiratory conditions.

- To reduce the risk of breathing problems, exit the vehicle or open the windows or doors for fresh air.
- If you come into contact with the dust, wash your hands and face with mild soap and water before eating anything.
- Flush your eyes and any open wounds with water if dust enters them.

WARNING

Cleaners that contain solvents can make the surface around the airbag installation locations porous. Plastic pieces that come loose could be thrown through the vehicle interior and cause serious injuries in the event of a collision with airbag deployment.

- Never treat the instrument panel and the surfaces around the airbag installation locations with cleaners that contain solvents.

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Function Check

After the ignition is switched on, the yellow indicator light in the instrument cluster display turns on for a brief function check and turns off after several seconds.

Airbag or Safety Belt Pretensioner Malfunction

The yellow indicator light stays on. There may also be a message in the instrument cluster display.

A malfunction has been detected in at least one of the airbags or safety belt pretensioners.

1. Remove the child restraint from the front passenger seat and install it on the rear bench seat.
2. Visit an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the airbag system and safety belt pretensioners checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Airbag or Safety Belt Pretensioner with Diagnostic Device Switched off

After the ignition is switched on, the yellow indicator light turns on for about four seconds and then blinks for about twelve seconds. There may also be a message in the instrument cluster display.

At least one airbag or safety belt pretensioner has been switched off by a diagnostic device.

1. Visit an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have a check carried out as to whether the airbag system or safety belt pretensioners need to remain switched off. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Installation locations and deployment zones of the airbags

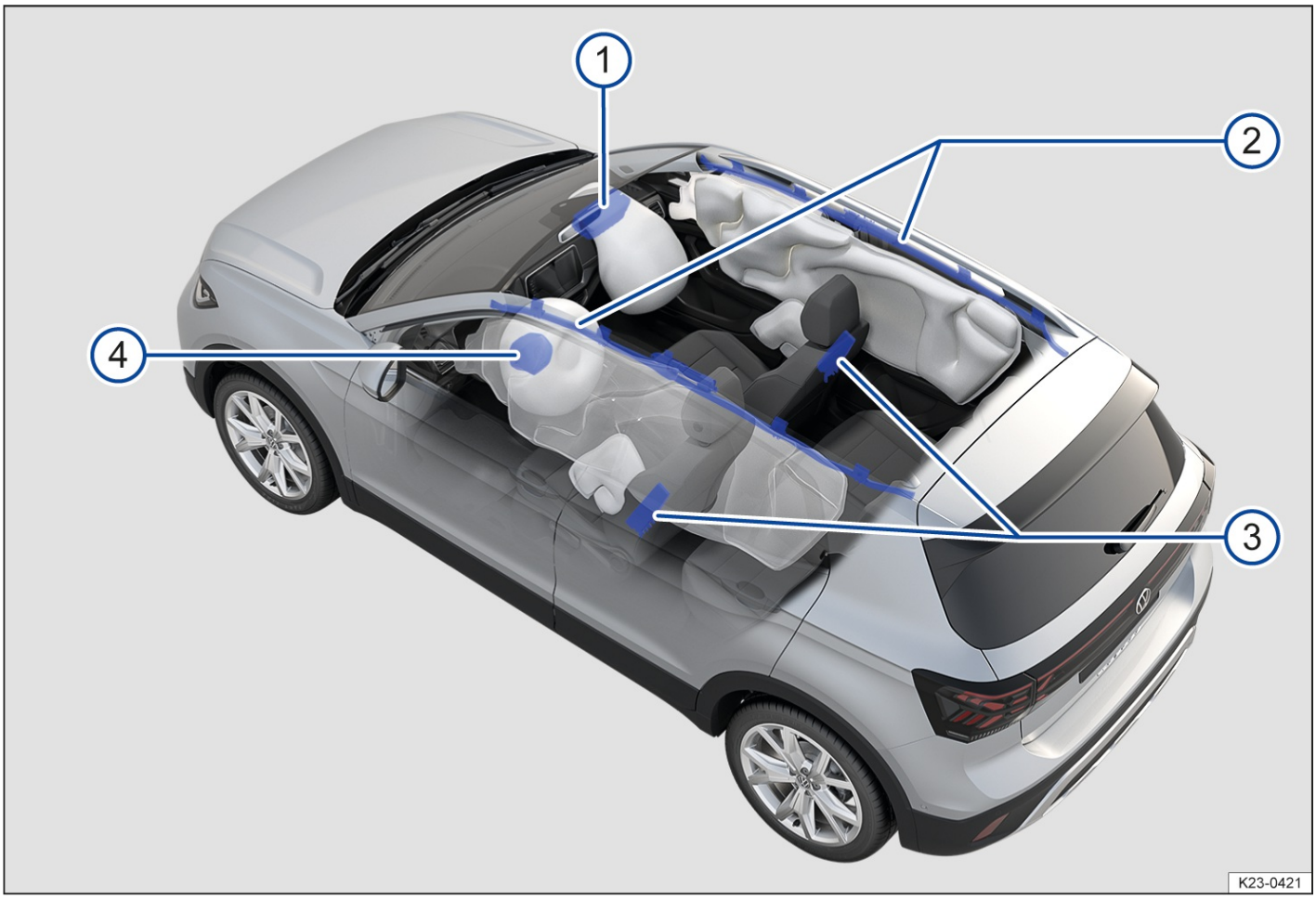


Fig. 1 Installation locations and deployment zones of the airbags.

Installation location

1. Front passenger's front airbag in the instrument panel
2. Side Curtain Protection® airbags above the front and rear side windows (both sides).
3. Front side airbags in the driver seat and passenger seat backrests.
4. Driver's front airbag in the steering wheel.

The airbag installation locations are indicated by the word “AIRBAG”.

The white areas shown in the figure are accounted for by the airbags (deployment zone) → *fig. 1*. Therefore, never place or attach objects in these areas →⚠.

⚠ WARNING

An airbag deploys within a few milliseconds and at a very high speed. This could result in objects being thrown through the vehicle interior. This may cause serious injuries.

- Always keep the deployment zones of the airbags clear.
- Never attach objects to the covers or in the deployment zones of airbags.
- Do not tape over or cover the installation locations of the airbags or the surfaces in the deployment zones of the airbags, or modify them in any other way.
- There should be no people, animals, or objects between the vehicle occupants and the airbag deployment zone. Make sure that children and passengers also follow this guideline.
- Do not attach any objects, such as mobile navigation systems, to the windshield above the front airbag on the passenger's side.
- Only pivot sunshades toward the side windows if no objects such as pens or garage door openers are attached to

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the visor.

- Do not attach any sunshades to the side windows that are not specifically approved for use in the vehicle.
- Only hang lightweight clothing from the garment hooks in the vehicle. Never store heavy or sharp-edged objects in pockets.
- Do not attach any accessories to the doors.

WARNING

An incorrect seating position may prevent the front airbag from functioning properly and cause serious injuries.

- Always hold the steering wheel with both hands on the sides of the outer edge, in the nine o'clock and three o'clock position.
- Adjust the driver seat so that there is a distance of at least 25 cm(10 inches) between your chest and the center of the steering wheel. If body characteristics mean that this is not possible, you must contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Adjust the front passenger seat so that there is the greatest possible distance between the front passenger and the instrument panel.

WARNING

Incorrect handling and use of the seats can inhibit the airbags from functioning correctly and cause serious injuries.

- Never remove the front seats from the vehicle or modify parts of them.
- Do not apply excessive force to the backrest bolsters.
- Only use seat covers or protective covers that are specifically approved for use in your vehicle.
- Have any damage to the seat covers or the seam in the airbag areas repaired immediately by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Switching the Front Passenger's Front Airbag On and Off



Fig. 1 In the instrument panel on the passenger's side: key switch to switch on and off the front passenger's front airbag.

The front passenger's front airbag must be switched off when installing a rear-facing child restraint in the front passenger seat!

Observe country-specific specifications regarding use of child restraints on the front passenger seat *(→ Child restraints)*.

It is not possible to switch off the front passenger's front airbag in all countries. If there is no key switch in the vehicle, the front passenger's front airbag can only be deactivated by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Front passenger's front airbag enabled

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Fig. 2 In the center console: Indicator light for the activated front passenger's front airbag (depending on the country).

ON The yellow indicator light for the activated front passenger's front airbag comes on for about 60 seconds after switching on the ignition or after switching on the front passenger's front airbag with the key switch → *fig. 2* and then automatically turns off.

The front passenger's front airbag is switched on.

1. Check whether the front passenger's front airbag must remain switched on.

Front passenger's front airbag switched off



Fig. 3 In the roof console: indicator light for the switched off front passenger's front airbag.

OFF The yellow indicator light stays on → *fig. 3*. The front passenger's front airbag is switched off.

1. Check whether the front passenger's front airbag should remain switched off, for example if using a child restraint in the front passenger seat.

Switching on the front passenger's front airbag

1. Switch the ignition off.
2. Open the front passenger door.
3. Fully fold out the key bit of the vehicle key.

   Or: Remove the emergency key from the vehicle key .
4. Insert the key bit into the key switch until you feel resistance for a second time → *fig. 1*.

   The key bit is not fully inserted when doing so → ⓘ.
5. Turn the remote control vehicle key or emergency key to the **ON** position without applying significant force.
6. Pull the vehicle key out of the key switch and fold in the key bit → ⚠.

   Or: Pull the emergency key out of the key-switch, and put it back into the remote control vehicle key → ⚠.
7. Close the front passenger door.

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The yellow PASSENGER AIR BAG ON indicator light will come on and turn off after approximately 60 seconds *(→ Indicator light standard airbag system)*.

8. Check that the yellow PASSENGER AIR BAG indicator light OFF *does not* come on *(→ Indicator light standard airbag system)* when the ignition is switched on.

Switching Off the Front Passenger's Front Airbag

1. Switch the ignition off.
2. Open the front passenger door.
3. Fully fold out the key bit of the vehicle key.

   Or: Remove the emergency key from the vehicle key .
4. Insert the key bit into the key switch until you feel resistance for a second time→ *fig. 1*.

   The key bit is not fully inserted when doing so→ ⓘ.
5. Turn the remote control vehicle key or emergency key to the OFF position without applying significant force.
6. Pull the vehicle key out of the key switch and fold in the key bit→ ⚠.

   Or: Pull the emergency key out of the key-switch, and put it back into the remote control vehicle key→ ⚠.
7. Close the front passenger door.

   The yellow PASSENGER AIR BAG OFF indicator light will come on permanently when the ignition is switched on *(→ Indicator light standard airbag system)*.

How to Recognize that the Front Passenger's Front Airbag is Switched Off

If the front passenger's front airbag is switched off, this is only indicated by the yellow PASSENGER AIR BAG OFF indicator light being permanently on *(→ Indicator light standard airbag system)*.

If the front passenger's front airbag is deactivated and the yellow PASSENGER AIR BAG OFF indicator light does not stay on permanently or comes on together with the yellow indicator light in the instrument cluster display, there may be a malfunction in the airbag system. Therefore, no child restraint system may be installed on the front passenger seat for safety reasons. The front passenger's front airbag could be deployed if there is an accident →⚠.

⚠ DANGER

Read and heed the important safety instructions for the front passenger's front airbag *(→ Child restraints)*.

⚠ DANGER

If an airbag is deactivated in the event of an accident, persons on the front passenger seat may suffer serious or fatal injuries. For that reason, the front passenger's front airbag may only be switched off in special circumstances.

- Switch off the front passenger's front airbag only if a rear-facing child restraint is fitted in the front passenger seat in exceptional circumstances. Switch the front passenger's front airbag back on once the rear-facing child restraint in the front passenger seat is no longer being used.
- Only deactivate the front passenger's front airbag if, in exceptional circumstances, the front passenger backrest is folded down, depending on the vehicle equipment. Switch the front passenger's front airbag back on as soon as the front passenger backrest is folded back.
- To avoid damage to the airbag system, only switch the front passenger's front airbag on and off with the ignition switched off.
- As the driver, always ensure the key switch is in the correct position.

⚠ WARNING

If there is a malfunction in the airbag system, the airbag may not deploy correctly or at all, or it may deploy unexpectedly. This could cause serious or fatal injuries.

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- In the event of a malfunction, have the airbag system checked by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- If there is a malfunction in the airbag system, never fit a child restraint in the front passenger seat and remove any child restraints already installed there.

WARNING

If the remote control vehicle key or emergency key remain inserted in the key switch while driving, vibration may cause the vehicle key or emergency key to inadvertently turn in the key switch and may activate the front passenger's front airbag. The front passenger's front airbag could trigger unintentionally, which could cause serious or fatal injuries.

- Always remove the vehicle key or emergency key from the key switch before switching on the ignition.

NOTICE

If the key bit is not properly inserted, it could damage the key-operated switch when it turns.

- Insert the key bit into the key switch until you feel resistance for a second time.

NOTICE

If the vehicle key or emergency key is inserted in the key switch when the front passenger door is closed, this may damage the door trim panel, instrument panel, key switch, vehicle key and emergency key.

- Always remove the vehicle key or emergency key from the key switch before closing the front passenger door.

Introduction

Child restraints reduce the risk of injury in the event of an accident. Always transport children in child restraints.

Please note:

— Child restraints are categorized differently depending on the size, age and weight of the child.

— Child restraints can be secured in the vehicle using various securing systems.

For safety, always install child restraints on the rear seats *(→ Child restraints)*.

Volkswagen recommends using child restraints from the Volkswagen accessory catalog. These child restraints are developed and verified for use in Volkswagen vehicles.

For additional information about the child restraints from the accessory catalog, contact your authorized Volkswagen dealer or authorized Volkswagen Service Facility or visit the Volkswagen website.

WARNING

Unsecured or improperly secured children may suffer serious injury or death in the event of sudden driving or braking maneuvers or an accident.

- Children under the age of 12 or less than 150 cm(around 4 ft 11 in) tall must always be transported in a suitable child restraint when riding in the vehicle. Observe any regulations specific to the country where you are driving.
- Always secure children in a suitable child restraint. Child restraints must correspond to the size, age and weight of the child.
- Observe the specifications of the child restraint manufacturer for fastening the child restraint in the vehicle and securing the child in the child restraint.
- Never secure more than one child in a single child restraint.
- Never under any circumstances drive with children or babies on the driver's or a passenger's lap.
- Never allow a child to sit in a child restraint unsupervised.
- Never allow children to be unsecured in the vehicle, stand or kneel on the seats, or be in an incorrect seating position while driving. This especially applies to children riding in the front passenger seat. In the event of an accident, children and other passengers could be fatally injured.
- For the child restraint to offer the maximum protection, it is especially important to route the safety belt correctly. Always follow the specifications from the child restraint manufacturer for routing the safety belt correctly. Safety belts that are fastened incorrectly can cause injuries, even during minor accidents.
- Replace the child restraint after an accident because there could be damage that is not visible.

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Types of child restraints

Only use child restraints that are legally approved and suitable for the child using them.

Child restraint standards

Regulations ECE

-R 44 or ECE-R 129 apply to child restraints in member countries. Both regulations are valid at the same time. Child restraints that have been checked in accordance with this standard have an orange ECE seal of approval. The ECE seal of approval may contain the following information about the child restraint:

— Weight class

— Size class

— Certification category (universal, semi-universal, vehicle-specific, or i-size).

— Certification number.

For child restraints that are approved in accordance with regulationECE

-R 44, the eight-digit approval number on the ECE seal of approval must begin with 03 or 04. This indicates that the seat is permitted. Older child restraints whose number begins with 01 or 02 are not permitted.

Child restraints according to weight classes



Fig. 1 Example of child restraints.

Class	Weight of the child
Group 0	Up to 10 kg
Group 0+	Up to 13 kg
Group 1	9 to 18 kg
Group 2	15 to 25 kg
Group 3	22 to 36 kg

— Weight class 0/0+: rear-facing infant safety seats → *fig. 1* from group 0/0+ or 0/1 are best suited from birth to about 18 months.

— Weight class 1: After reaching the weight limit, child restraints from group 1(up to about four years) and group 1/2 (up to approximately seven years) with an integrated safety belt system are the most suitable.

— Weight classes 2/3: groups 2 and 3 contain child restraints with backrests and booster seats without backrests. Because of their integrated safety belts and side bolsters, child restraints with a backrest provide better protection than booster seats without a backrest. Therefore, Volkswagen recommends using child restraints with a backrest. Child restraints in group 2 are suitable for children up to about 7 years old. Child restraints in group 3 are suitable for children older than about 7 years old.

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When using a child restraint from Group 2 or a child restraint with a backrest for children taller than 100 cm (approx. 3 ft, 3 in), also use the fourth child restraint attachment point, if available, for the safety belt. Follow the child restraint user manual.

Not all children across the board fit into the child restraints in their weight group. Also, not all seats fit in every vehicle. Therefore, always check to ensure that the child fits into the child restraint correctly and that you can secure the child restraint in your vehicle.

Child restraints according to approval categories

Child restraints can have the approval categories “universal” (as per regulation ECE -R 44 and ECE-R 129), “semi-universal”, “vehicle-specific” (as per regulation ECE -R 44 respectively) or “i-Size” (as per regulation ECE-R 129).

- Universal: Child restraints with “universal” approval are approved for installation in all vehicles. A list of models is not needed. With universal approval for ISOFIX, also secure the child restraint with a top tether safety belt.
- Semi-universal: In addition to the standard requirements for universal approval, “semi-universal” approval requires safety equipment for securing the child restraint that requires additional tests. Child restraints with “semi-universal” approval have a model list that must contain the vehicle in which the seat will be used.
- Vehicle-specific: vehicle-specific approval requires a separate dynamic test of the child restraint in the vehicle for each vehicle model. Child restraints with “vehicle-specific” approval also have a model list.
- i-Size: Child restraints with “i-Size” approval must conform to the requirements for installation and safety that are contained in the ECE -R 129 regulation. You can obtain information about which child restraints have an i-Size certification for this vehicle from the child restraint manufacturers.

Installing and using child restraints

Country-specific specifications

There are different standards and requirements in different countries for using child restraints and their attachment options. Transporting children on the front passenger’s seat is not permitted in all countries. Laws and regulations take precedence over the descriptions in this Owner’s Manual.

Notes on installing a child restraint

Note the following information when installing a child restraint. They are applicable to child restraints with every securing system.

- Read and follow the instructions from the child restraint manufacturer →⚠.
- It is best to install the child restraints on the rear seat behind the front passenger seat so that children can exit the vehicle on the side that is away from traffic.
- Adjust the height of the safety belt so that the belt webbing runs naturally along the child restraint without any sharp bends in the webbing. For rear-facing child restraints, the lowest position of the belt height adjuster must be used.
- Switch off the front passenger's front airbag before installing a backward-facing child seat in the front passenger seat.
- If installing on the front passenger’s seat, move the seat all the way back and move it into the highest position possible. Bring the backrest into the upright position *(→ Mechanical front seat)*.
- When installing on the rear bench seat, move the rear bench seat all the way back *(→ Rear bench seat)*.
- Always leave sufficient free space around the child restraint. Adjust the position of the seat in front of it if possible. Always make sure the driver and front passenger are using a correct seating position *(→ Seating position)*.
- The backrest of the child seat should be positioned as close as possible to the backrest on the vehicle seat. Adjust

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the angle of the vehicle seat so that the child restraint contacts it fully. If the child restraint comes into contact with the head restraint when installed and prevents it from fitting correctly, move the head restraint all the way up or remove it and store it securely in the vehicle .

— Once the child restraint is correctly installed, the settings for that seat must no longer be changed. If the seat settings have been changed, the installation of the child restraint must be checked and, if necessary, adjusted.

— If a child restraint is installed on a seat, functions such as the massage function or seat heating *(→ Seat air conditioning)* must not be used on that seat.

Airbag label



Fig. 1 On the sun visor: airbag label(general example).



Fig. 2 On the B-pillar: airbag label (general example).

Labels with important information about the front passenger's front airbag are located in the vehicle. The content depends on the country and may vary. The labels may be located in the following places:

— On the driver's and front passenger's sun visors → *fig. 1*.

— On the B-pillar on the passenger's side → *fig. 2*.

Always following the warnings before installing a rear-facing child restraint → ⚠.

Dangers when transporting children on the front passenger's seat

If a rear-facing child restraint is used, the front passenger's front airbag can cause life-threatening injuries or death if it deploys → ⚠.

Rear-facing child restraints may only be used on the front passenger seat if the front passenger's front airbag is switched off . The yellow PASSENGER AIR BAG OFF indicator light is permanently on in the driver's line of sight to indicate that the front passenger's front airbag is switched off *(→ Indicator light standard airbag system)*.

It is not possible to switch off the front passenger's front airbag in all countries *(→ Airbag system)*.

Do not deactivate the front passenger's front airbag when using aforward-facing child seat. When installing a child

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restraint, makes sure it is as far from the front passenger's airbag as possible. If the front passenger's airbag deploys, it can cause serious injuries →⚠.

Not all child seats are allowed to be used in the front passenger seat. The child restraint must be specially authorized by the manufacturer for use on the front passenger seat in vehicles with front and side airbags. Your Volkswagen dealership has a list of permitted child seats.

⚠ DANGER

Read and heed the important safety instructions for the front passenger's front airbag *(→ Airbag system)*.

⚠ DANGER

Using a rear-facing child restraint on the front passenger seat results in increased risk of life-threatening, serious or even fatal injuries for the child in the event of an accident.

- Never use a rear-facing child restraint on the front passenger seat if the front passenger's front airbag is switched on.
- Deactivate the front passenger's front airbag if you wish to install a child restraint on the front passenger seat. If the front passenger's front airbag cannot be deactivated, you cannot use rear-facing child restraints.
- Position the front passenger seat as far back as possible to create the greatest possible distance to the front passenger's front airbag.
- Move the seat backrest into the upright position.
- Adjust the height of the safety belt so that the belt webbing runs naturally along the child restraint without any sharp bends in the webbing. Use the lowest position of the belt height adjuster for rear-facing child restraints.
- Use only child restraints that are approved by the child restraint manufacturer for use on the front passenger seat with front and side airbags.

⚠ WARNING

There is a risk of injury if the child restraint is installed incorrectly.

- Always refer to and follow the installation instructions and warnings from the child restraint manufacturer.

⚠ WARNING

There is a risk of injury if a front-facing child restraint is used on the front passenger seat.

- Position the front passenger seat as far back as possible to create the greatest possible distance to the front passenger's front airbag.
- Move the seat backrest into the upright position.
- Adjust the height of the safety belt so that the belt webbing runs naturally along the child restraint without any sharp bends in the webbing. Use the lowest position of the belt height adjuster for rear-facing child restraints.
- Use only child restraints that are approved by the child restraint manufacturer for use on the front passenger seat with front and side airbags.

⚠ WARNING

If the Side Curtain Protection or side airbag deploys, this can cause injuries.

- Make sure that children are not within the deployment zone of the airbag .
- Do not place any objects within the deployment zone of the airbag.

Securing systems

Different securing systems are used for safe installation of child restraints depending on the country.

Only use the securing systems described here to secure child restraints in the vehicle.

Overview of securing systems

— ISOFIX/i-Size: ISOFIX and i-Size are standardized fastening systems for quick and secure fastening of child restraints in the vehicle. The ISOFIX or i-Size attachment ensures a rigid connection between the child restraint and the vehicle body.

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The child restraint has two fixed fastening brackets or arms. The attachment arms snap into the ISOFIX universal lower anchorages located between the seat cushion and the rear seat backrest *(→ Child restraint with LATCH/UAS or i-Size)*. Supplement the ISOFIX fastener with a top tether safety belt or a support bracket, if necessary.

— Three-point safety belt: if available, it is better to secure child restraints to the ISOFIX fastener using a three-point safety belt *(→ Child restraint with a safety belt)*.

Additional fasteners:

— Top Tether: the upper belt is guided over the seat backrest and secured to the anchorage point on the rear side of the rear seats and the front passenger seat with a hook *(→ Child restraint with the upper strap (top tether))*. Top tether anchorages are labeled with an anchor symbol.

— Support base: some child restraints are supported with a support base on the vehicle floor. The support base reduces the risk of the child restraint tipping forward in the event of a collision. Only use child restraints with a support base on the front passenger seat and the outer rear positions of the bench seat →⚠.

Recommended securing systems for child restraints

Volkswagen recommends securing child restraints as follows:

— Rear-facing child restraint:
  — ISOFIX/i-Size and top tether.
  — ISOFIX/i-Size and support bracket.

— Forward-facing child restraint from group 1 and i-Size child restraint for children up to 105 cm (approx. 3 ft 5 in) tall:
  — ISOFIX/i-Size and top tether.
  — ISOFIX/i-Size and support bracket.

— Forward-facing child restraint from group 2/3 and i-Size child restraint for children taller than 100 cm (approx. 3 ft 3 in):
  — ISOFIX/i-Size and, if necessary, top tether.
  — ISOFIX/i-Size and, if necessary, support bracket.

⚠ WARNING

Unsecured or improperly secured children may suffer serious or fatal injuries in the event of sudden driving or braking maneuvers or an accident.

- Observe the specifications of the child restraint manufacturer for fastening the child restraint in the vehicle and securing the child in the child restraint.

⚠ WARNING

Incorrect use of the support base can cause serious or fatal injuries.

- Make sure the support base is installed correctly and securely.
- Always refer to and follow the installation instructions and warnings from the child restraint manufacturer.

⚠ WARNING

Anchorage points for child restraint systems are designed so that they will only withstand the loads generated by correctly adjusted child restraint systems. The anchorage points must never be used for safety belts, items of equipment or other objects in or on the vehicle.

Attaching a child restraint with ISOFIX or i-Size

Overview of ISOFIX or i-Size child restraint installation

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The designation of the ISOFIX or i-Size anchorage points depends on the equipment installed and the country.

The following table shows the installation options for ISOFIX or i-Size child restraints at the ISOFIX anchorage points at separate locations in the vehicle.

Group	Child restraint orientation	Size class/ISOFIX class	Front passenger seat		Outer seats of the rear bench seat	Center seat of the rear bench seat
			Front passenger's front airbag activated	Front passenger's front airbag deactivated		
Group 0: up to 10 kg	rear-facing	E/R1	X	IL-SU	IL-SU	X
Group 0+: up to 13 kg	rear-facing	E/R1	X	IL-SU	IL-SU	X
		D/R2				
		C/R3				
Group 1: 9 to 18 kg	rear-facing	D/R2	X	IL-SU	IL-SU	X
		C/R3				
	forward-facing	B/F2	IL-SU, IUF	X	IL-SU, IUF	X
		B1/F2X				
		A/F3				
Group 2: 15 to 25 kg	forward-facing	–	IL-SU	X	IL-SU	X
Group 3: 22 to 36 kg	forward-facing	–	IL-SU	X	IL-SU	X
i-Size child restraint system	rear-facing	–/R2	X	i-U	i-U	X
	forward-facing	–/B2, F2X	i-U	X	i-U	X
Booster seat	forward-facing	–/B2, B3	i-B	X	i-B	X

— Size class: the size class specification corresponds to the body weight permitted for the child restraint. For child restraints approved as “universal” or “semi-universal”, the size class is specified on the ECE seal of approval. The size class specification is listed on the child restraint.

— X: seating location is not suitable for fastening an ISOFIX or i-Size child restraint classified in this group.

— IL-SU: Suitable seat for installing an ISOFIX child restraint with this “semi-universal” approval. Note the vehicle list provided by the child restraint manufacturer.

— IUF: Suitable seat for installing an ISOFIX child restraint with this “universal” approval.

— i-U: suitable seat for fitting a forward-facing or rear-facing i-Size child restraint with “universal” approval.

— i-UF: suitable seat for fitting a forward-facing i-Size child restraint with “universal” approval.

— i-B: suitable seat for fitting a forward-facing ISOFIX booster seat in Group 2/3 and also for a forward-facing i-Size child restraint for children approx. 100 to 150 cm (approx. 3 ft 3 in to 4 ft 11 in) tall.

Attaching child restraints with ISOFIX or i-Size

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The installation location of the lower anchorage point is indicated either by an ISOFIX or an i-Size symbol.

Designation of the ISOFIX anchorage points for child restraints on the rear bench seat.

Designation of the i-Size anchorage points for child restraints on the rear bench seat and the front passenger seat.



Fig. 1 Fitting a child restraint with arms (general example).

1. Pay attention to and follow the information *(→ Child restraints)*.
2. If necessary, fold down the protective caps for the ISOFIX or i-Size anchorage points.
3. Push the child restraint arms in the direction of the arrow and onto the ISOFIX or i-Size anchor points *→ fig. 1*. The child restraint must engage securely and audibly.
4. Pull on both sides of the child restraint to check that the child restraint is securely locked in place.

If the child restraint is equipped with a support foot, this support foot must be positioned securely on the vehicle floor.

Securing the child restraint with the upper strap (top tether)

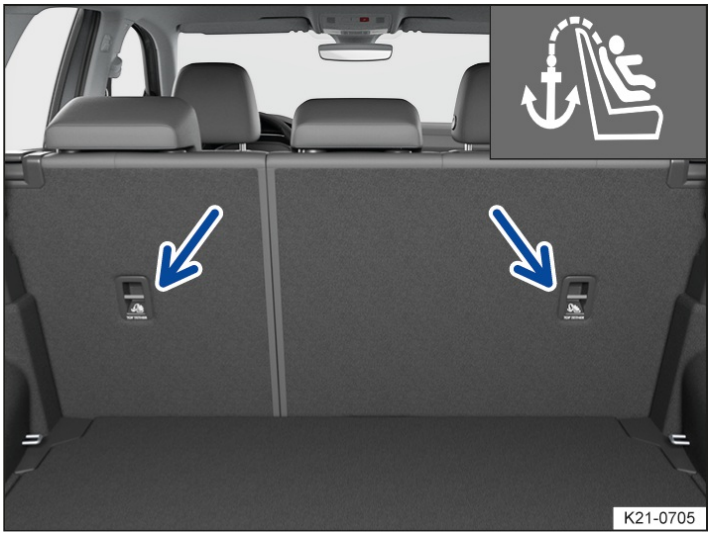


Fig. 1 On the rear side of the rear bench seat: Top tether anchorages for the top tether safety belt.

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Fig. 2 On the back of the front passenger seat(depending on country of use): attached top tether safety belt.



Fig. 3 On the backrest of the top sport seat(without opening) on the passenger's side: belt guide for the top tether safety belt (general example).

ISOFIX child restraints with “universal” approval must also be fastened to the ISOFIX anchor points using an upper strap (Top Tether).

Fasten the top tether safety belt only to the top tether anchorages designed for this purpose. The anchorages suitable for top tether are labeled with a symbol and may have the label “TOP TETHER” *→ fig. 1*, *→ fig. 2*.

Fastening the top tether safety belt

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Fig. 4 On the rear side of the outer rear bench seats or the front passenger seat: attached top tether safety belt.

1. Pay attention to and follow the information *(→ Child restraints)*.
2. Remove the luggage compartment cover if necessary.
3. Place the child restraint in the center of the vehicle seat surface.
4. Push the child restraint arms in the direction of the arrow onto the ISOFIX universal lower anchorages *(→ Child restraint with LATCH/UAS or i-Size)*. The child restraint must engage securely and audibly.
5. If necessary, push the head restraint upwards and guide the top tether safety belt of the child restraint to the rear under the head restraint.

   Or: if necessary, remove the head restraint and guide the top tether safety belt of the child restraint to the rear over the backrest.

   Only applies to top sport seat without opening:Guide the top tether safety belt over the head restraint *→ fig. 3*.
6. Hook the top tether safety belt of the child restraint into the appropriate anchorage marked with “top tether” *→ fig. 4*.
7. Tighten the top tether safety belt so that the child restraint is upright on the rear seat backrest.

⚠ WARNING

If the top tether safety belt is not secured properly or is not secured to an anchorage intended for this purpose, the child restraint may become loose and cause serious injuries.

- Always only fasten a top tether safety belt of a child restraint to a top tether anchorage.
- Fasten the top tether safety belt only to the top tether anchorages designed for this purpose. Never fasten a child restraint top tether safety belt to a tie-down.

⚠ WARNING

Objects in the rear pockets of the front passenger seat may damage the top tether safety belt in an accident. Serious injuries may result.

- Do not keep objects in the rear pockets of the front passenger seat if you are using the top tether safety belt.

Depending on the country of use and the vehicle equipment, there may be two or three top tether anchorage points in the luggage compartment behind the rear seat backrest.

Securing a child restraint with a safety belt

If you would like to use a child restraint in your vehicle from the “universal” approval category(u), make sure that it is permitted for the seating position where you would like to use it. You can find the necessary information on the orange ECE

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approval seal on the child restraint. Refer to the following table for the installation options.

Group		Weight of the child	Front passenger seat		Seating positions on the rear bench seat
			Front passenger's front airbag activated	Front passenger's front airbag deactivated	
Group 0		Up to 10 kg	x	u	u
Group 0+		Up to 13 kg	x	u	u
Group 1	rear-facing	9 to 18 kg	x	u	u
	forward-facing	9 to 18 kg	u	x	u
Group 2		15 to 25 kg	u	x	u
Group 3		22 to 36 kg	u	x	u

u: universal; x: seat is not suitable for installing a child restraint classified in this group.

Securing a child restraint with a safety belt

1. Pay attention to and follow the information *(→ Child restraints)*.
2. Adjust the height of the safety belt so that the belt webbing runs naturally along the child restraint without any sharp bends in the webbing. For rear-facing child restraints, the lowest position of the belt height adjuster must be used.
3. Route the safety belt according to the instructions provided by the child restraint manufacturer and guide the belt through the child restraint.
4. Make sure the safety belt is not twisted.
5. Insert the buckle tongue into the safety belt buckle belonging to the corresponding seat, until the safety belt buckle latches into place.

Child restraints from the “semi-universal” approval category, where the child restraint is secured by the safety belt and a support foot, must not be secured on the center rear bench seat.

Securing yourself and the vehicle

Follow all legal regulations regarding securing a vehicle during a breakdown. For example, in many countries you must switch on the emergency flashers and wear a reflective vest *(→ Emergency equipment)*.

Checklist of what to do in the event of a breakdown

For your own safety and the safety of your passengers, follow the points below in the order they are given:

1. Park your vehicle a safe distance from traffic and on suitable ground. Observe all important information on parking when doing so →⚠, *(→ Parking)*.
2. Switch on the emergency flashers ⚠ *(→ Center console)*.
3. Have all vehicle occupants exit the vehicle on the side facing away from traffic and move to a safe area, such as behind a guard rail. Follow the local regulations regarding wearing a reflective vest.
4. Set up the warning triangle to warn others on the road about the vehicle.
5. Observe the safety instructions *(→ In the engine compartment)*.
6. If necessary, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance. Volkswagen recommends contacting the Volkswagen emergency assistance service.

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When the emergency flashers are switched on, for example while towing the vehicle, you can indicate any turns or lane changes using the turn signal lever. The emergency flashers will stop temporarily.

Read and observe the important information about towing *(→ Vehicle towing)*.

⚠ WARNING

A stalled vehicle increases the risk of a crash that could cause injury to you, your vehicle occupants, or others on the road.

- Stop the vehicle as soon as it is safe to do so.
- Park the vehicle a safe distance from moving traffic.
- Switch on the emergency flashers.
- Never leave any persons, particularly children or people requiring assistance, in the vehicle. This is especially true when the doors are locked. Individuals locked in the vehicle could be exposed to very high or very low temperatures.

⚠ WARNING

Exhaust system components will become very hot. This can result in fires and serious injuries.

- Never park the vehicle in such a way so that any exhaust system components could come into contact with flammable materials under the vehicle such as dry grass or fuel.

NOTICE

Pushing the vehicle by hand may cause damage to the vehicle or cause the rear spoiler to detach.

- When pushing the vehicle by hand, make sure that you do not apply any pressure to the taillights, the rear spoiler or large sheet metal surfaces.

Checklist of what to do after an accident

In the event of an accident, for your own safety and the safety of your passengers, follow the points below in the order in which they are given:

1. Switch the ignition off.
2. Switch on the emergency flashers ⚠ *(→ Center console)*.
3. Set up the warning triangle to warn others on the road about the vehicle.
4. Have all vehicle occupants exit the vehicle on the side facing away from traffic and move to a safe area, such as behind a guard rail. Provide first aid and follow the local regulations regarding wearing a reflective vest.
5. Report the accident to the fire department.
6. Wait at the location of the accident for the rescue services to arrive.

Switch on the emergency flashers in the following situations, for example:

— To warn traffic behind your vehicle if the traffic ahead slows suddenly or you reach the end of a traffic jam.

— If there has been an accident.

— If the vehicle malfunctions.

— When towing the vehicle.

Always follow the applicable local requirements for use of the emergency flashers.

If the emergency flashers do not work, others on the road must be informed about the stalled vehicle in some other way that meets the applicable legal regulations.

The 12 V vehicle battery will drain if the emergency flashers remain on for a long period of time, even if the ignition is switched off.

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Depending on vehicle equipment, the brake lights may blink quickly if you brake hard while driving at speeds above approx. 80 km/h (approx. 50 mph) or brake the vehicle to a complete stop. This is done to warn traffic behind your vehicle. If the braking continues, the emergency flashers will switch on automatically when the vehicle speed is below approx. 10 km/h (approx. 6 mph). The emergency flashers will switch off automatically when you accelerate.

Emergency equipment

First aid kit

Depending on the country and the vehicle equipment, the first aid kit may be located in a storage compartment, in a holder in the luggage compartment, under the luggage compartment floor, or in the vehicle interior.

The first aid kit must meet the legal regulations.

— Note the expiration date of the contents.

— Replace contents after use, if necessary, and put the first aid kit securely back into place.

Warning triangle



Fig. 1 In the trunk lid: Holder for the warning triangle.

Depending on the country and the vehicle equipment, the warning triangle may be located in the trunk lid → *fig. 1*.

1. With the trunk lid open, hold the sleeve of the warning triangle by the recess and turn it 90° towards the front of the vehicle.
2. Remove the sleeve through the opening.
3. After use, store the warning triangle back in the sleeve and insert the sleeve back into the holder.

The warning triangle must meet the legal regulations.

Reflective vest

Depending on the vehicle equipment and country of use, the safety vest may be in a storage compartment in the front door trim panel or in the glove compartment *(→ Driver door)* *(→ Passenger's side)*.

The reflective vest must meet the legal regulations.

Fire extinguisher

Depending on the vehicle equipment and country of use, a fire extinguisher may be located in a holder in the footwell under the front passenger seat.

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The fire extinguisher must meet the legal regulations, always be ready to operate, and be checked regularly – see inspection seal on the fire extinguisher.

WARNING

Objects that are loose or secured incorrectly can be thrown around the vehicle interior during sudden driving or braking maneuvers or in a collision and cause serious injuries.

- Always position the first aid kit, warning triangle and fire extinguisher securely in the holders provided in the vehicle.
- Store the reflective vest in a storage compartment so that it is easy to access.

Information Call, Roadside Assistance Call and Emergency Call Service

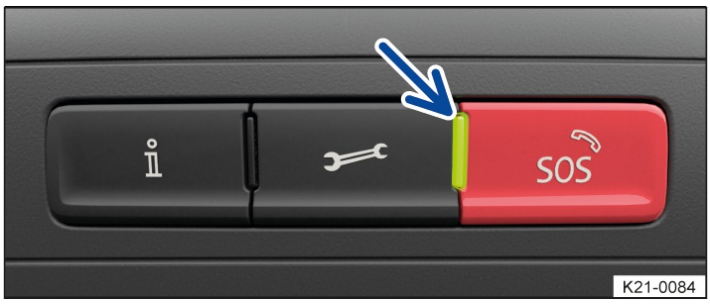


Fig. 1 In the roof console: Controls for call services and indicator light.

- Information call.
- Roadside assistance call.
- Emergency Call Service.

The control in the roof console → *fig. 1*, , can be used for voice services, depending on the vehicle equipment and country of use. If the Emergency Call Service is available in the service portfolio for the vehicle, the Emergency Call Service is activated for a limited time as standard. The required connection is produced by a control module installed by the manufacturer.

Please note the additional information on mobile online services .

Indicator lights for the Emergency Call Service

The indicator light → *fig. 1* (arrow) is located in the control panel. The indicator light comes on in different colors and light patterns depending on the vehicle operating status of the Emergency Call Service:

- The indicator light does not come on: the Emergency Call Service is deactivated or not available.
- The red warning light flashes after the ignition is switched on: System error. The Emergency Call Service is deactivated.
- The red indicator light comes on and remains on: system error. The Emergency Call Service is limited or not available.
- The green indicator light comes on: The Emergency Call Service is available and the vehicle system is ready for use.
- The indicator light blinks green: there is a call in progress.

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Information call

— With an information call, a call can be made to Volkswagen Customer Care.

— The information call is only available in certain sales regions.

— The telephone contact partner communicates in the language of the country where the vehicle was registered for mobile online services or in the language of the country for which the vehicle was produced.

— The information call can be executed whenever the ignition of the vehicle is switched on.

— The information call can be manually executed via the control panel in the roof console or, depending on the vehicle, via the function key in the telephone menu of the Infotainment system.

Roadside assistance call

— If you break down, you can contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance with the roadside assistance call.

— Some vehicle data, e.g. its current location, is transferred in parallel to the voice call.

— The telephone contact partner communicates in the language of the country where the vehicle was registered for mobile online services or in the language of the country for which the vehicle was produced.

— The Roadside Assistance Call can be executed whenever the ignition of the vehicle is switched on.

— The Roadside Assistance Call can be manually executed via the control panel in the roof console or, depending on the vehicle, via the function key in the telephone menu of the Infotainment system.

Emergency Call Service

— Using the Emergency Call Service, assistance can be organized as quickly as possible in dangerous situations.

— When the Emergency Call Service is initiated, a connection will be established with the Volkswagen emergency call center.

— If an emergency call is triggered manually or by a collision with airbag deployment or safety belt pretensioner deployment, data that is relevant to the emergency call, such as the vehicle's current location, is automatically transmitted .

— The contact partner will communicate in the language that is set in the vehicle's Infotainment system. If this language is not available at the current emergency call location, English will be used.

— To ensure the system functions correctly after a severe accident, additional components are installed at the factory, such as an emergency call microphone, emergency call speaker, and an integrated battery that is separate from the vehicle electrical system.

— The Emergency Call Service can be permanently deactivated by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

— If the legally required eCall Emergency System is available in the vehicle, the Emergency Call Service can be deactivated in the Infotainment system. The legally required eCall Emergency System, if it is available in the vehicle, cannot be switched off or deactivated *(→ Manage services)*.

⚠ WARNING

The following conditions may restrict or prevent a manual or automatic emergency call:

- The emergency call location is in an area with no cell phone and satellite reception, or insufficient reception.
- You are in a location where there is sufficient mobile phone and satellite reception, but the telecommunications provider's mobile communications network is unavailable.
- Even if there is good cell phone and satellite reception, in some areas the telecommunications providers' 2G/3G network is unavailable. In this case, the emergency call, if available in the vehicle, is routed to the legally required eCall Emergency System. If the legally requiredeCall Emergency System is not available in the vehicle, the call

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will be forwarded to the emergency number 112.

- Even if there is good cell phone and satellite reception, in some areas the telecommunications providers' 3G network is unavailable. This can result in the connection to the Emergency Call Service being delayed by up to 60 seconds. To enable a connection to be established without delay, the Emergency Call Service can be deactivated in the in the Infotainment system if the legally required eCall emergency system is available in the vehicle. The legally required eCall Emergency System is available immediately when the Emergency Call Service is deactivated.
- The Emergency Call Service is not permitted by law in some countries.
- There is no valid license for the use of the Emergency Call Service.
- The vehicle components required for manual or automatic emergency calls are damaged or do not have sufficient power.
- The Emergency Call Service has been deactivated. In this case, the emergency call, if available in the vehicle, is routed to the legally required eCall Emergency System. If the legally requiredeCall Emergency System is not available in the vehicle, no emergency call will be made. There will be no forwarding to the emergency number 112 either.
- The vehicle's ignition is not switched on.

Triggering an emergency call manually

1. If fitted, press on the button cover briefly and fold the cover downward.
2. Press the emergency call button → *fig. 1*, until the green indicator light starts to flash.

   The emergency call will be triggered and a voice call will be made to the Volkswagen emergency call center.

If you pressed the emergency call button by mistake, cancel the emergency call immediately:

1. Press the emergency call button again until the indicator light remains green.

Only press the emergency call button in an emergency → *fig. 1*,
.

Automatic emergency call

The automatic emergency call is only triggered when the ignition is on.

A connection to the Volkswagen emergency call center is automatically established in the following situations:

— Immediately after the airbags have been deployed.

— Immediately after the safety belt pretensioners have been triggered.

The automatic emergency call cannot be stopped by pressing the emergency call button → *fig. 1*, .

If questions from the Volkswagen emergency call center are not answered, rescue operations will be initiated automatically.

Integrated battery

The integrated battery ensures that the Emergency Call Service will still be available for some time if the 12 V vehicle battery is disconnected or faulty.

If the integrated battery is drained or faulty, a message indicating this will be displayed in the instrument cluster. If this message is shown, immediately consult an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the integrated battery replaced. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Have the integrated battery checked, and if necessary, replaced by an authorized Volkswagen dealer or authorized Volkswagen Service Facility after approximately three years. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Data transmission

The available data will be sent to the Volkswagen emergency call center during an emergency call to determine what rescue measures are needed.

The data regarding the location of the vehicle is continuously overwritten, so that only the ten most recent saved locations as required for the Emergency Call Service to function are available. The vehicle cannot be tracked on a continuous basis.

The emergency call data is only processed to ensure the proper function of the Emergency Call Service. The emergency call data is automatically deleted by the system 13 hours after the emergency call is triggered.

The following data is sent:

— The current vehicle position at the time the emergency call was triggered

— Nine other positions shortly before the emergency call was triggered(route driven, a few km (a few miles)).

— Vehicle Identification Number (VIN)

— Type of vehicle drive.

— Vehicle model

— Trigger type (automatic or manual)

— Call type.

— Direction in which the vehicle was moving at the time the emergency call was triggered.

— Accident severity.

— Accident direction.

— Time of impact

— Reliability of the positioning data

— Data set version.

— Counter of the data sets transmitted per call

— Calculated number of passengers.

— Language selected in the Infotainment system.

— Optional data ID.

You can request to view and delete the data that is sent by contacting the Volkswagen emergency call center.

Depending on the vehicle equipment and country, data transmission may be influenced by your privacy settings *(→ Privacy settings)*. The functionality of the Emergency Call Service can only be ensured if data transmission is fully enabled.

The Emergency Call Service function may be limited by any after-market Infotainment systems that are installed.

Routing to the Statutory eCall Emergency System

In some situations, the Emergency Call Service is limited or not carried out. If the legally required eCall Emergency System is available in the vehicle, a voice connection will be established with a local emergency service center if possible. In this case, available data will be sent to the local emergency center during an emergency call to determine what rescue measures are needed .

The Manage services section in the Infotainment system shows whether the legally required eCall Emergency System is available in the vehicle *(→ Manage services)*.

Fall-back to emergency number 112

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In some situations, the Emergency Call Service is limited or not carried out. If the legally required eCall Emergency System is not available in the vehicle, an emergency call will be made to the general emergency number 112 if possible. In this case, only a voice connection will be established. No other data, such as vehicle or location data, will be transmitted.

Troubleshooting

Emergency Call Service malfunction

The red indicator light in the emergency call button comes on and remains on. The message Error: Emergency call function. Service vehicle may also be displayed in the instrument cluster.

There is a system error with the Emergency Call Service. You may not be able to make an emergency call.

1. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility immediately and have the fault rectified. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Emergency Call Service limited

The red indicator light in the emergency call button comes on and remains on. The message Emergency call function limited. Service vehicle may also be displayed in the instrument cluster.

The Emergency Call Service function has restricted availability. For example, you cannot make a voice connection to the Volkswagen emergency call center.

1. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility immediately and have the fault rectified. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Legally required eCall Emergency System

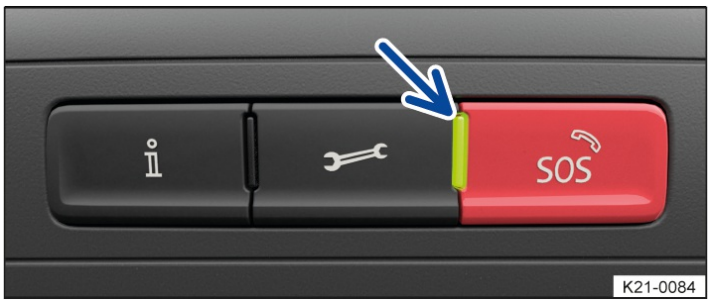


Fig. 1 In the roof console: Control for legally required eCall Emergency System and indicator light.

- Information call.
- Roadside assistance call.
- Legally required eCall Emergency System.

Depending on the country and vehicle equipment, the vehicle may be fitted with an emergency call system. In some countries, the free, legally required eCall Emergency System is activated by default. The controls are located in the roof console.

Using the emergency call system, assistance can be organized as quickly as possible in dangerous situations. A call will be made to a local emergency service center. The call center agent will communicate in the language of the country where the vehicle is located. In addition, legally mandated data relevant to the emergency call, such as the current vehicle location, will be automatically transmitted to the local emergency service center.

The legal basis for data processing for the legally requiredeCall Emergency System conforms to the applicable local laws and regulations, such as EU regulation 2015/758. In addition, please note the information regarding data storage and services *(→ Data processing in the vehicle)*.

The required connection is produced by a control module installed by the manufacturer. To ensure the system functions correctly after a severe accident, additional components are installed at the factory, such as an emergency call microphone, emergency call speaker, and an integrated battery that is separate from the vehicle electrical system.

Indicator light for the statutory eCall Emergency System

The indicator light *→ fig. 1* (arrow) is located in the control panel. The indicator light comes on in different colors and light patterns depending on the vehicle system status:

- The indicator light does not light up: The emergency call function is not available.
- Warning light blinks red after the ignition is switched on: emergency call is deactivated.
- The red indicator light comes on and remains on: system error. The emergency call function has limited availability or is not available.
- The green indicator light comes on: The emergency call function is available and the vehicle system is ready for use.
- The indicator light blinks green: There is an emergency call in progress.

⚠ WARNING

The following conditions may restrict or prevent a manual or automatic emergency call:

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- The emergency call location is in an area with no cell phone and satellite reception, or insufficient reception.
- You are in a location where there is good cell phone and satellite reception, but the telecommunications provider's mobile communications 2G/3G network is unavailable.
- The emergency call function is not available in certain countries.
- The local emergency dispatch center lacks the technical capacity to receive emergency data.
- The vehicle components required for manual or automatic emergency calls are damaged or do not have sufficient power.
- The vehicle's ignition is not switched on.

Triggering an emergency call manually

1. If fitted, press on the button cover briefly and fold the cover downward.
2. Press the emergency call button → *fig. 1* until the green indicator light starts to blink.

   The emergency call will be triggered and a call will be made to a local emergency dispatch center.

If you pressed the emergency call button by mistake, cancel the emergency call immediately:

1. Press the emergency call button again until the indicator light remains green.

Only press the emergency call button in an emergency → *fig. 1*.

Automatic emergency call

The automatic emergency call is only triggered when the ignition is on.

A connection to the local emergency dispatch center is automatically established in the following situations:

— Immediately after the airbags have been deployed.

— Immediately after the safety belt pretensioners have been triggered.

The automatic emergency call cannot be stopped by pressing the emergency call button → *fig. 1*.

If questions from the local emergency dispatch center are not answered, rescue operations will automatically start.

Integrated battery

The integrated battery ensures that the legally requiredeCall Emergency System will still be available for some time if the 12 V vehicle battery is disconnected or faulty.

If the integrated battery is drained or faulty, a message indicating this will be displayed in the instrument cluster. If this message is shown, immediately consult an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the integrated battery replaced. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Have the integrated battery checked, and if necessary, replaced by an authorized Volkswagen dealer or authorized Volkswagen Service Facility after approximately three years. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Data transmission

The legally required data will be sent to the local emergency dispatch center during an emergency call to determine the necessary rescue measures.

The data regarding the location of the vehicle is continuously overwritten, so that only the most recent three saved locations as required for the legally required eCall Emergency System to function are available. The vehicle cannot be

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tracked on a continuous basis.

The emergency call data is only processed to ensure the proper function of the legally required eCall Emergency System. The emergency call data is automatically deleted by the system 13 hours after the emergency call is triggered.

The following data is sent:

— The current vehicle position at the time the emergency call was triggered

— Two other positions shortly before the emergency call was triggered (route driven, a few 100 m (a few 100 ft))

— Vehicle Identification Number (VIN)

— Type of vehicle drive.

— Vehicle model

— Trigger type (automatic or manual)

— Call type.

— Direction in which the vehicle was moving at the time the emergency call was triggered.

— Time of impact

— Reliability of the positioning data

— Data set version.

— Counter of the data sets transmitted per call

— Calculated number of passengers.

You can request to view and delete the data that is sent by contacting the local emergency service center.

Installed after-market Infotainment systems may limit the function of the legally required eCall Emergency System.

Troubleshooting

Malfunction in the legally mandated eCall Emergency System

The red indicator light in the emergency call button comes on and remains on. The message Error: Emergency call function. Service vehicle may also be displayed in the instrument cluster.

There is a system error with the legally mandated eCall Emergency System. You may not be able to make an emergency call.

1. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility immediately and have the fault rectified. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Limited function in the legally mandated eCall Emergency System

The red indicator light in the emergency call button comes on and remains on. The message Emergency call function limited. Service vehicle may also be displayed in the instrument cluster.

The legally mandated eCall Emergency System function is only available to a limited extent. For example, you cannot make a voice connection to the local emergency dispatch center.

1. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility immediately and have the fault rectified. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Vehicle key functions

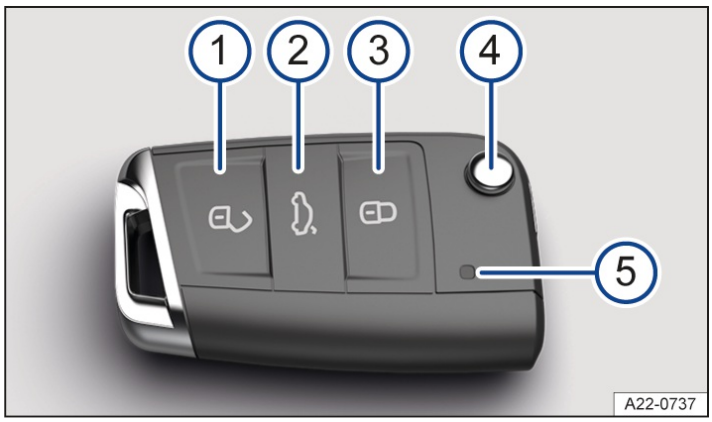


Fig. 1 Vehicle key.

1. Unlock the vehicle. All turn signals will flash twice.
2. Unlock the trunk lid separately. All turn signals will flash twice.
3. Lock the vehicle. All turn signals will flash once.
4. Fold the key bit out and in.
5. Indicator light: flashes when a button is pressed.

Your vehicle may be equipped with a SAFE lock. This prevents the doors from being opened both from the inside and from the outside.

If a vehicle has SAFELOCK, this feature is activated automatically when locking with the vehicle key or the sensor in the door handle. If SAFELOCK is to be intentionally deactivated, the vehicle key or the door handle sensor must be operated again. The vehicle is then only locked. Opening from the outside is prevented, but it can be opened from the inside.

WARNING

If you leave vehicle keys unattended in the vehicle, children or unauthorized people could lock the doors and/or the trunk lid, start the engine, or switch on the ignition and thereby activate electrical equipment, such as the power windows. This can cause accidents and serious or fatal injuries.

- Always take all vehicle keys with you when leaving the vehicle.

WARNING

If you leave children, people requiring assistance or animals unattended in the vehicle, they may accidentally set the vehicle in motion or be subjected to very high or low temperatures. There is a risk of accidents and serious or fatal injuries.

- Never leave children, people requiring assistance or animals unattended in the vehicle.

NOTICE

External influences may limit the functionality of the remote control vehicle key and damage it.

- Protect the vehicle key from moisture and strong impacts.

Regular use of comfort systems and other usage patterns shorten the service life of the button cell in the vehicle key.

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Replacing the button cell battery

Volkswagen recommends having the button cell changed by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility →⚠.

Remote control vehicle key with key bit

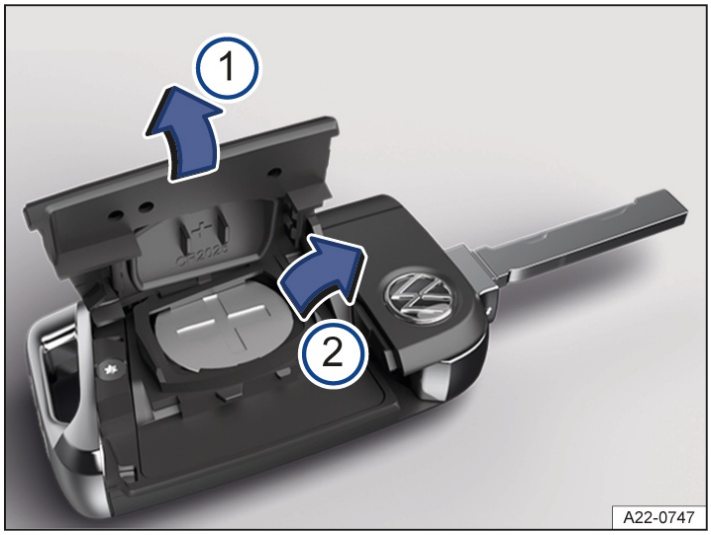


Fig. 1 Vehicle key: Replacing the button cell battery (general example).

(1) Cover
(2) Button cell battery

1. Fold the key bit out.
2. Lever off the cover →*fig. 1* (1).
3. Lift the button cell battery out of the battery compartment →*fig. 1* (2), →⚠.
4. Press the new button cell battery into the battery compartment.
5. Press the cover onto the housing →*fig. 1* (1), →ⓘ.
6. Dispose of drained battery in a way that will not harm the environment.

⚠ DANGER

If button cell batteries are swallowed or enter the windpipe, serious or fatal injuries will occur within a very short time due to choking or internal burns.

- Seek medical assistance immediately if you suspect that a button cell battery has been swallowed.
- Always keep the remote control vehicle keys and key fob with button cell batteries out of the reach of children.

ⓘ *NOTICE*

If the button cell battery is replaced incorrectly or a battery is unsuitable, it can damage the vehicle key.

- Only replace drained batteries with new batteries in the same voltage, size, and specification.
- Make sure the battery is facing in the right direction when inserting it.
- If the battery cover cannot be closed, do not use the remote control.

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The type of batteries used in the remote control of your vehicle key can contain perchlorate. This requires special handling. Observe all legal requirements regarding the handling and disposal of these batteries *(→ Product recycling)*. Volkswagen recommends having this service carried out by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Synchronizing a vehicle key

If the vehicle cannot be unlocked or locked using the vehicle key, synchronize the vehicle key or replace the button cell battery *(→ Vehicle key)*.

Synchronizing a vehicle key

1. Fold out the key bit or remove the emergency key.
2. If necessary, remove the cap from the driver's door handle .
3. Press the button on the vehicle key.
4. Unlock the vehicle using the key bit.
5. Open the driver door.

   If the vehicle is equipped with an anti-theft alarm system, the alarm will be triggered immediately *(→ Anti-theft alarm system)*.
6. Switch the ignition on.

This completes the synchronization.

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Vehicle cannot be locked or unlocked

The remote control vehicle key is disrupted by objects, poor weather conditions or transmitters on the same frequency band close to the vehicle (e.g. cell phones), as well as by a drained button cell battery.

The central locking switches off briefly to protect it from overloading.

1. Close the driver door.

   Or: Synchronize the vehicle key *(→ Vehicle key)*.

   Or: Change the battery cell in the vehicle key *(→ Vehicle key)*.

The indicator light is not blinking

If the indicator light in the vehicle key does not blink when you press one of the buttons, then the button cell battery in the vehicle key must be replaced.

You can get an additional or replacement vehicle key from an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Introduction

The Keyless Access with push-button start makes it possible to unlock and lock the vehicle without actively using the key. A valid vehicle key must be present within the vicinity of the vehicle to use this function.

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Unlocking or locking using Keyless Access

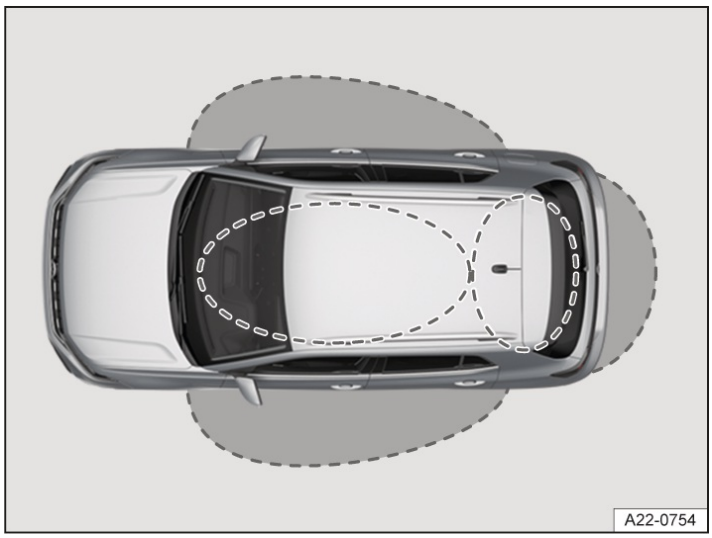


Fig. 1 Keyless Access: Sensor ranges (general example).

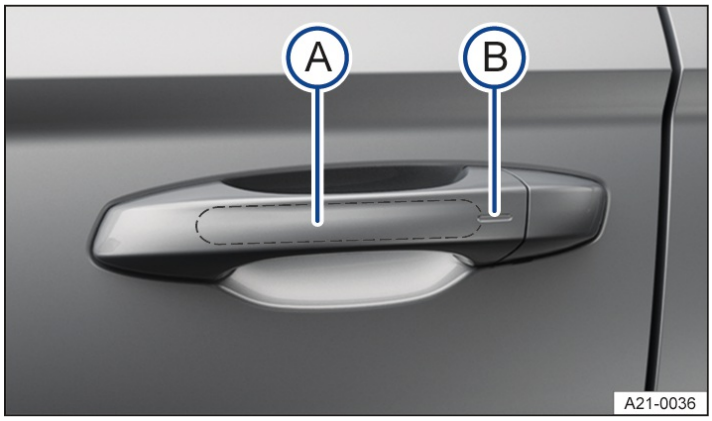


Fig. 2 In door handle: sensors.

(A) Sensor on the inside of the driver or passenger door handle.

(B) Sensor on the outside of the driver or passenger door handle.

Unlocking the vehicle

1. Touch the sensor on the inside of the driver or passenger door handle → *fig. 2* (A).

Locking the vehicle

1. Switch the ignition off.
2. Close the driver door or front passenger door.
3. Touch the sensor on the outside of the driver or passenger door handle → *fig. 2* (B).

The turn signals flash twice when unlocking and blink once when locking.

Unlocking and locking the trunk lid

If the vehicle is locked and a vehicle key is within the trunk lid sensor range, the trunk lid will unlock automatically when opened → *fig. 1*.

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The trunk lid locks automatically after it closes.

The trunk lid will not lock automatically if the vehicle is completely unlocked.

Deactivating Keyless Access temporarily

You can temporarily deactivate Keyless Access using the following steps to prevent the vehicle from being unlocked and started by unauthorized people:

1. Lock the vehicle with the button on the vehicle key.
2. Then, within five seconds of locking the vehicle, touch the sensor on the outside of the door handle once → *fig. 2* (B). Do not grasp the door handle during this process.

   Keyless Access is now temporarily deactivated.
3. To check that it has actually been deactivated, wait at least 10 seconds and then pull on the door handle.

   The door should not open.

The next time the vehicle is unlocked, you must use the vehicle key. Keyless Access will be reactivated the next time the vehicle is unlocked.

Operating convenience functions

The electric windows close automatically.

1. Press and hold the sensor on the driver or passenger door handle for a few seconds→ *fig. 2* (B).

The sensor functions can be adjusted in theVehicle settings menu in the Infotainment system.

The unlock function is deactivated for several seconds so that you can check if the vehicle locked correctly.

Vehicles featuring a DSG® automated transmission can only be locked when the parking lock P is engaged.

If the sensor is touched twice, the entire vehicle will unlock even after a single door is unlocked.

Troubleshooting

If Keyless Access is not working

The sensor function may be impaired if the sensor is dirty.

1. Clean the sensors.

If all turn signals flash four times

The vehicle key that was last used is still in the vehicle.

1. Remove the vehicle key and lock the vehicle.

Automatic sensor deactivation

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The sensors will deactivate automatically under the following conditions:

— If the vehicle is not unlocked or locked for a long period of time

— If a sensor is triggered too frequently

Reactivating the sensor pads:

1. Unlock the vehicle using the button on the vehicle key.

Valid vehicle key cannot be detected

The yellow indicator light turns on. A message will also appear in the instrument cluster display.

The vehicle key is no longer in the vehicle or within range of the sensors.

1. Do not switch the ignition off.
2. Bring the vehicle key back into the vehicle or within range of the sensors.

If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

NOTICE

Strong streams of water or vapor could activate the sensors in the door handles if a valid vehicle key is located near the vehicle. This may cause the windows to open and moisture may enter the vehicle interior. This could lead to damage to the vehicle interior.

- Never direct the jet of a high pressure cleaner or a steam jet directly towards the sensors in the door handles.

If at least one window is open and the sensors in one door handle are permanently activated, then all windows will close.

If the message Keyless faulty. appears in the instrument cluster display, there may be a malfunction in the Keyless Access system. Contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Introduction

The central locking system allows you to unlock and lock all doors, the trunk lid, and the fuel filler flap from one location.

The vehicle can be locked when the ignition has been switched off or if the driver has exited the vehicle when the engine is stopped.

The doors can be manually locked and in some cases unlocked, for example if the vehicle key or the central locking system is malfunctioning.

Display for open doors

An image in the instrument cluster display indicates if one or more doors have not opened or closed correctly.

STOP Do not continue driving!

1. Safely park the vehicle, if necessary.
2. Open the respective door and close it again.

The image is also displayed when the ignition is switched off, and it turns off several seconds after the doors are closed and the vehicle has been locked.

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WARNING

If a door is not closed correctly, it can open suddenly while driving and cause serious or fatal injuries.

- Stop as soon as traffic allows and close the door.
- When closing the door, make sure it engages securely and completely. When closed, the door must be flush with the areas of the vehicle body that are around the door.

WARNING

When the door is being held open by the door arrester, it may close by itself in high winds or on inclines, which can cause serious injuries.

- Always hold the door handle firmly when opening and closing the door.

WARNING

Opening and closing the doors and trunk lid without due care can be dangerous and result in serious injuries.

- Do not open or close the doors and trunk lid if anyone is in the way.

WARNING

The central locking system locks all the doors. In case of an emergency or accident, locked doors can make it more difficult for first responders to access the vehicle interior. When the vehicle is locked from the outside, the doors and power windows cannot be opened from the inside. There is a risk of serious or fatal injuries.

- Never leave children, people requiring assistance or animals unattended in the vehicle.

WARNING

All doors can be locked from the inside using the central locking button. Otherwise, children, people requiring assistance or animals could be locked inside the vehicle. In an emergency, they may not be able to exit the vehicle without assistance or help themselves. Otherwise, they may be subjected to very high or low temperatures. There is a risk of serious or fatal injuries.

- Never leave children, people requiring assistance or animals unattended in the vehicle.

NOTICE

Removing caps without due care may result in damage to the vehicle.

- When using the emergency locking or emergency unlocking feature, remove and reinstall the parts carefully and correctly.

When the vehicle is locked from the inside, it reduces the risk of opening the doors unintentionally and of unauthorized people entering the vehicle.

Some settings can be saved in the driver personalization user profiles.

Indicator light in the driver's door

The indicator light for the central locking system is located in the driver's door.

The indicator light shows the status of the central locking system for around 30 seconds after the vehicle is locked.

The red LED

light blinks at short intervals for around 2 seconds.

The status of the central locking system is then displayed for around 28 seconds:

Vehicles with SAFELOCK

— If the red LED

light blinks at long intervals, the vehicle will be locked with SAFELOCK.

— If the red LED

light does not come on, the vehicle will be locked, but without SAFELOCK.

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Vehicles without SAFELOCK

— If the red LED

light blinks at long intervals, the vehicle will be locked.

After around 30 seconds, the LED

light blinks at slow intervals.

Special conditions

If the red LED

light comes on continuously, there is a fault in the central locking system or the anti-theft alarm system.

Automatic locking and unlocking

Automatic locking (Auto Lock)

The vehicle locks automatically at speeds of about 15 km/h(9 mph) or higher. If the vehicle is locked, the indicator light will turn yellow in the central locking button.

Automatic unlocking (Auto Unlock)

If one of the following conditions apply, all doors and the trunk lid will unlock automatically:

— If the vehicle is stationary and the vehicle key has been removed

— *In vehicles with an automatic transmission:* the parking lock P is engaged and the ignition is switched off.

— Or: if the door handle has been pulled.

— Or: if airbags were deployed during an accident *(→ Doors)*.

The Auto Unlock function makes it possible for first responders to access the inside of the vehicle.

Depending on the central locking system setting in the Infotainment system, it may only be possible to unlock all of the doors and the trunk lid after the button is pressed twice.

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Central locking button



Fig. 1 In the driver's door: Central locking button (general example).

(1) Central locking button.

– Unlock the vehicle.

– Lock the vehicle.

The central locking button functions both when the ignition is on or off, but only when all the doors are closed.

If the vehicle is locked from the outside using the vehicle key, the central locking buttons will be disabled.

If the vehicle is locked from the inside using the central locking button, then:

— The indicator light in the button will turn yellow if all doors are closed and locked.

— The anti-theft alarm system will not be activated *(→ Anti-theft alarm system)*.

The doors can be opened from the inside by pulling the door handle. The indicator light in the button turns off. The unopened doors and the trunk lid will remain locked and cannot be opened from the outside.

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Opening and closing the driver's door in an emergency

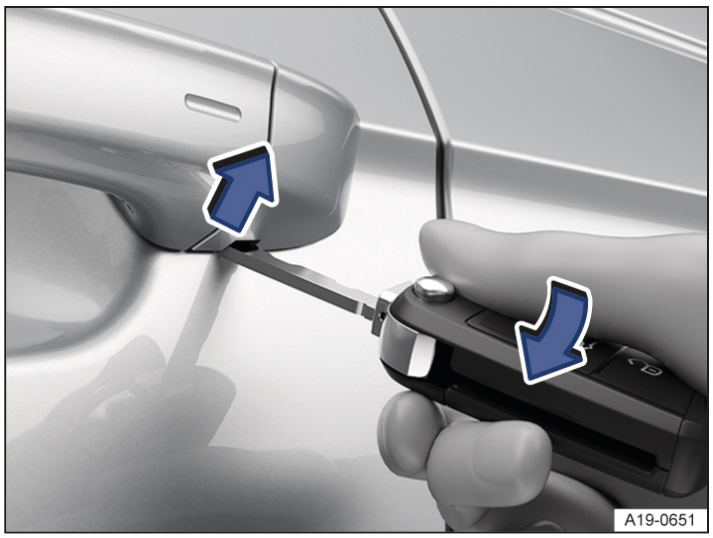


Fig. 1 Driver's door handle: prying off the cap.

When the vehicle is locked manually, all of the doors will lock. Only the driver door will unlock when unlocking manually.

Note the information about the anti-theft alarm system *(→ Anti-theft alarm system)*.

1. Position the key bit or emergency key on the notch in the driver door handle from below.
2. Hold your index finger under the key bit.
3. Use the vehicle key to pry the cap off in the direction of the arrow *→ fig. 1*.
4. Insert the key bit in the lock cylinder and unlock or lock the vehicle.
5. Pull on the door handle and reinstall the cap.

Special considerations for manual unlocking

— An alarm is triggered when the driver's door is opened *(→ Anti-theft alarm system)*.

— An emergency start must be performed after unlocking *(→ Starting the engine)*.

— Switch the ignition on to turn off the alarm.

The electronic immobilizer will detect a valid vehicle key.

The anti-theft alarm system is not activated when the vehicle is manually locked using the key bit *(→ Anti-theft alarm system)*.

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Locking the front passenger door and rear doors in an emergency



Fig. 1 In the front edge of the rear door: locking of the vehicle in an emergency with the key bit or emergency key (variant 1).



Fig. 2 In the front edge of the rear door: locking of the vehicle in an emergency with the key bit or emergency key (variant 2).

If the door locking mechanism does not work, the front passenger door and the rear doors must each be locked manually. The anti-theft alarm system will not be activated *(→ Anti-theft alarm system)*.

1. Open the door.
2. Insert the key bit or emergency key into the slot and turn it or press on it→ *fig. 1*, → *fig. 2*.
3. Check that the door is locked.
4. Have the vehicle checked immediately by a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

If a door is locked manually it will unlock again when the vehicle is unlocked or if that door is opened from the inside.

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Child safety lock

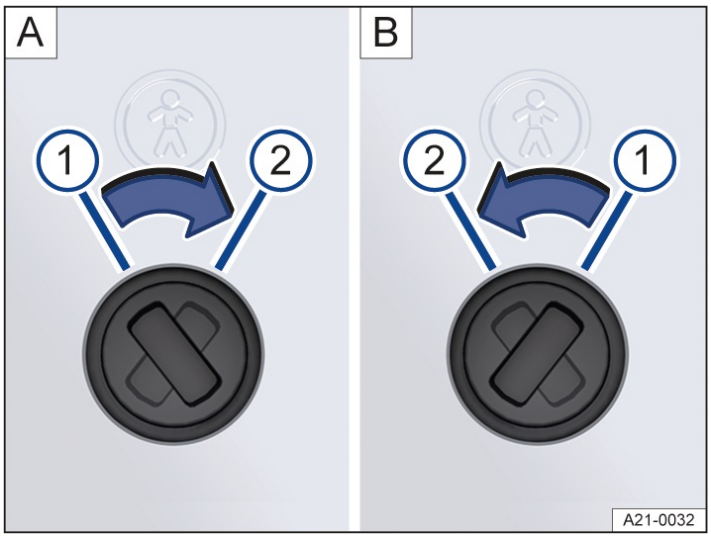


Fig. 1 Child safety lock: A left rear door, B right rear door.

1 Child safety lock is switched off.

2 Child safety lock is switched on.

The child safety locks are located on the inner door panels of the rear doors.

The child safety lock reduces the risk of the rear doors being opened from the inside→ ⚠.

When the child safety lock is switched on, the door can only be opened from the outside.

Switching the child safety lock on or off

1. Unlock the vehicle the open the respective rear door.
2. Bring the slot into the corresponding position→ *fig. 1*.

⚠ WARNING

When the child safety lock is switched on, that door cannot be opened from the inside. This can result in people locking themselves inside the vehicle. In an emergency, they may not be able to exit the vehicle without assistance or help themselves.

- Never leave children or people requiring assistance unattended in the vehicle when the doors are locked.

⚠ WARNING

If you leave children, people requiring assistance or animals unattended in the vehicle, they may be subjected to very high or low temperatures. There is a risk of serious or fatal injuries.

- Never leave children, people requiring assistance or animals unattended in the vehicle.

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SAFELOCK

Your vehicle may be equipped with a SAFE lock.

The SAFE lock deactivates the door handles when the vehicle is locked to reduce the risk of someone breaking into the vehicle. The doors can no longer be opened from the inside →⚠.

Deactivating SAFE lock

The SAFE lock can be deactivated through one of the following methods:

— Press the button on the vehicle key for a second time within two seconds.

— For vehicles with Keyless Access with push-button start: Touch the sensors on the outside of the door handle again within two seconds .

— Switch the ignition on.

— Or: Deactivate the interior monitoring and towing protection functions *(→ Interior monitoring and towing protection)*.

Depending on vehicle equipment, the interior monitoring and towing protection functions can be temporarily deactivated in the Vehicle settings menu in the Infotainment system before locking the vehicle *(→ Interior monitoring and towing protection)*.

The instrument cluster display may indicate an active SAFELOCK.

If the SAFE lock is deactivated, then:

— The vehicle can be unlocked and opened from the inside using the door handle.

— The anti-theft alarm system is active *(→ Anti-theft alarm system)*.

— The interior monitoring and towing protection functions are deactivated *(→ Interior monitoring and towing protection)*.

⚠ WARNING

When SAFELOCK is activated, the doors can no longer be opened from the inside. Careless or unintended use of SAFELOCK can result in people being locked in the vehicle interior and can cause serious injuries in an emergency.

- Never leave any individuals in the vehicle when the vehicle is locked using the vehicle key.

Unlocking the driver's door mechanically using the vehicle key will only unlock that door, and not the entire vehicle. Once the ignition is switched on, all doors will be released but not unlocked, and the central locking button will be activated.

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If the indicator light does not turn off

The red LED

light in the vehicle door flashes at short intervals and then stays on.

There is a malfunction in the locking system.

1. Contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

If the turn signals are not flashing

The turn signals are not blinking as confirmation when locking the vehicle:

1. Check that all of the doors, the trunk lid and the engine hood are closed.

If the vehicle is locking automatically

The vehicle will lock again automatically after approximately 45 seconds if all of the following conditions apply:

— The vehicle was unlocked using the vehicle key, Keyless Access with push-button start or a cell phone.

— The trunk lid was not opened.

— No door was opened.

— The ignition was not switched on

Emergency locking and opening on vehicles with lock cylinder open

1. For emergency opening, insert the vehicle key into the door lock cylinder and turn it clockwise. Only the driver door opens and the anti-theft alarm system sounds.
2. Switch on the ignition to switch off the anti-theft alarm system.
3. The remaining doors can now be opened using the central locking button.

For emergency closing, insert the vehicle key into the lock and turn it counterclockwise. All doors are locked and the anti-theft alarm system is activated.

Locking with a second vehicle key

For vehicles with Keyless Access with push-button start: The key inside the vehicle will be blocked from starting the engine if the vehicle is locked from the outside with a different vehicle key. However, an emergency start is possible.

1. To enable the vehicle key inside the vehicle so that it can be used to start the engine as usual, press the button on the remote control vehicle key inside the vehicle

Unlocking and locking the vehicle following airbag deployment

The entire vehicle unlocks when an airbag deploys in a collision. The doors can be opened by firmly pulling on the door handles without a key.

Depending on the severity of the damage, it may be possible to lock the vehicle as follows after the accident:

1. Switch the ignition off.

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2. Open the driver door and shut it again.
3. Lock the vehicle.

NOTICE

Strong streams of water or vapor could activate the sensors in the door handles if a valid vehicle key is located near the vehicle. This may cause the windows to open and moisture may enter the vehicle interior. This could lead to damage to the vehicle interior.

- Never direct the jet of a high pressure cleaner or a steam jet directly towards the sensors in the door handles.

It may not be possible to unlock or lock the vehicle using Keyless Access if the 12 V vehicle battery or button cell battery in the vehicle is weak or drained. The vehicle can be manually unlocked or locked.

If there is no valid vehicle key in the vehicle or one is not detected, a message will appear in the instrument cluster display. This can occur if another signal interferes with the remote control vehicle key or if the remote control vehicle key is covered by an object, such as a metal case.

Anti-theft alarm system

The vehicle may be equipped with an anti-theft alarm system. The anti-theft alarm system monitors the doors, the hood, and the trunk lid. The anti-theft alarm system is automatically activated when you lock the vehicle. If an attempt is made to access the vehicle without using the appropriate vehicle key, this triggers the anti-theft alarm system, which emits audible and visual warning signals for up to five minutes.

When is the alarm triggered?

— If a door that was unlocked manually using the vehicle key is opened.
— If the hood is opened.
— If the trunk lid is opened.
— If the ignition is switched on with an invalid vehicle key.
— If the 12 V vehicle battery is disconnected.
— If a bicycle rack that is paired with the anti-theft alarm system is unhitched.
— If trailer that is paired with the anti-theft alarm system is unhitched.
— If a vehicle is equipped with an interior monitoring system and movement is detected inside the vehicle *(→ Interior monitoring and towing protection)*.
— If a vehicle is equipped with towing protection and it is raised or towed *(→ Interior monitoring and towing protection)*.
— If a vehicle is equipped with towing protection or an interior monitoring system, and it is transported on a car ferry or railway *(→ Interior monitoring and towing protection)*.
— If a device is connected to the diagnostic connection when the anti-theft alarm system is active.

Switching off the alarm

1. Unlock the vehicle with the unlock button on the vehicle key.

   Or: switch on the ignition using a valid vehicle key.
2. *For vehicles with Keyless Access with push-button start:* when the vehicle key is in the unlocking range, grasp the door handle .

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The anti-theft alarm system will not work correctly if the 12 V vehicle battery is weak or drained.

If you have integrated a trailer into the anti-theft alarm system, breaking the connection to the trailer may trigger the anti-theft alarm system .

Interior monitoring and towing protection

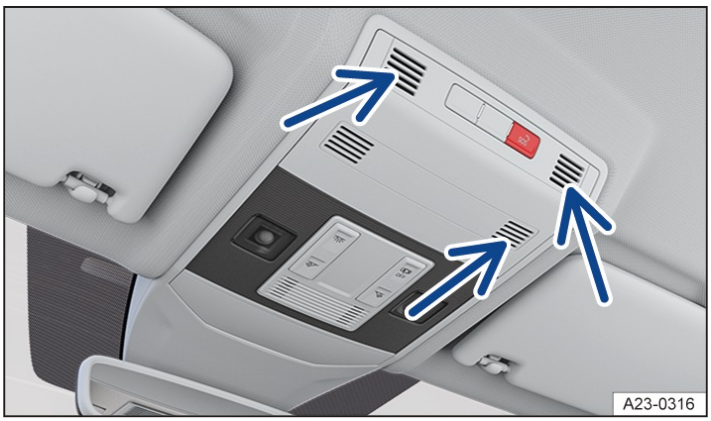


Fig. 1 In the roof console: interior monitoring sensors (arrows).

In some markets, the vehicle may have interior monitoring and towing protection depending on the vehicle equipment.

If movement is detected within the vehicle interior while the vehicle is locked, the interior monitoring alarm will be triggered → *fig. 1*.

If the system detects that the vehicle is being raised, the towing protection alarm will be triggered.

Activating interior monitoring and towing protection

1. Close the storage compartments in the roof console so that the sensors will function.
2. Close the doors and trunk lid.
3. Press the lock button once.

   Interior monitoring and towing protection are activated.

Interior monitoring and towing protection are activated.

Depending on your vehicle's equipment, using a screen separator may have an adverse affect on the function of the interior monitoring.

Deactivating interior monitoring and towing protection temporarily

Depending on the vehicle equipment, the interior monitoring and towing protection functions can be temporarily deactivated in the Infotainment system in the Vehicle settings menu:

1. Switch the ignition on.
2. Deactivate the interior monitoring and towing protection in theVehicle settings menu in the Infotainment system.
3. Close all of the doors and the trunk lid.
4. Lock the vehicle using the vehicle key.

   The interior monitoring and towing protection are deactivated until the vehicle is locked again.

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It is advisable to deactivate the interior monitoring and towing protection in the following situations:

— If people or animals are staying in the vehicle.

— If the vehicle is to be loaded for transport.

— If the vehicle is being transported.

— If the vehicle is to be towed with raised axle.

— If the vehicle is to be parked in a double platform garage.

— If the vehicle is to be taken into a car wash.

Risks for false alarms from the interior monitoring function

The interior monitoring function will only function correctly when the vehicle is completely closed. Observe legal regulations. A false alarm can occur in the following situations:

— If objects that move easily remain in the vehicle, such as pieces of paper or mirror tags.

— If the vibration alarm on a cell phone is switched on.

It is not possible to deactivate the interior monitoring and the towing protection functions permanently.

If the doors or trunk lid are still open when activating the anti-theft alarm system, only the anti-theft alarm system will be activated. The interior monitoring and towing protection functions will only be activated after the doors and trunk lid are closed.

If the interior monitoring and towing protection functions are switched off, SAFELOCK will also be deactivated depending on the vehicle equipment *(→ SAFELOCK)*.

Introduction

On vehicles with Keyless Access, the trunk lid is automatically unlocked when opening .

If individual door opening or the opening of one side of doors is activated in the Infotainment system settings for opening and closing, press the button on the remote control vehicle key twice to unlock the trunk lid.

On vehicles with Keyless Access with push-button start, press the sensor on the inside of the driver or front passenger door handle twice depending on the setting.

WARNING

Uncontrolled or unintentional release: opening and closing the trunk lid can cause accidents and serious injuries.

- Do not open or close the trunk lid if anyone is in the way.
- Always keep the trunk lid closed while driving.
- Close and lock the trunk lid and all doors when the vehicle is not in use.
- Check that, when closed, the trunk lid is flush with the areas of the vehicle body around it.

WARNING

Depending on the season, the temperature inside the vehicle could become very high or low, which can lead to serious injuries, illness or death, especially for very young children.

- Make sure that no one remains in the vehicle.
- Never let children play in or on the vehicle unattended, especially when the trunk lid is open. Children could enter the luggage compartment, close the lid, and then lock themselves in.

WARNING

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The vehicle may not always detect when the trunk lid is not latched if a cargo rack that is carrying cargo is mounted on the trunk lid. If the trunk lid is not latched, it may open suddenly while driving. This may cause serious injuries.

- Check that, when closed, the trunk lid is flush with the areas of the vehicle body around it.

WARNING

If there is a heavy load of snow or cargo on the trunk lid, the additional weight may cause the lid to lower, which can result in serious injuries.

- Never open the trunk lid if there is a heavy load of snow or cargo such as a cargo rack on it.
- Remove the snow or cargo before opening the trunk lid.
- If necessary, support the trunk lid or remove the cargo and/or snow before opening the trunk lid.

WARNING

Closing the trunk lid incorrectly may lead to the rear window shattering and cause serious injuries.

- Do not push the trunk lid closed with your hand on the rear window.

NOTICE

Using the opening mechanism incorrectly may damage the component and could prevent the trunk lid from closing.

- Never attach or secure cargo on the opening mechanism.

NOTICE

Using the rear window wiper incorrectly may damage the component and result in it breaking off.

- Never attach or secure cargo to the rear window wiper.

NOTICE

Using the trunk lid or rear spoiler incorrectly may damage the component and result in it breaking off.

- Never attach or secure cargo on the trunk lid or rear spoiler.

Opening and closing the trunk lid

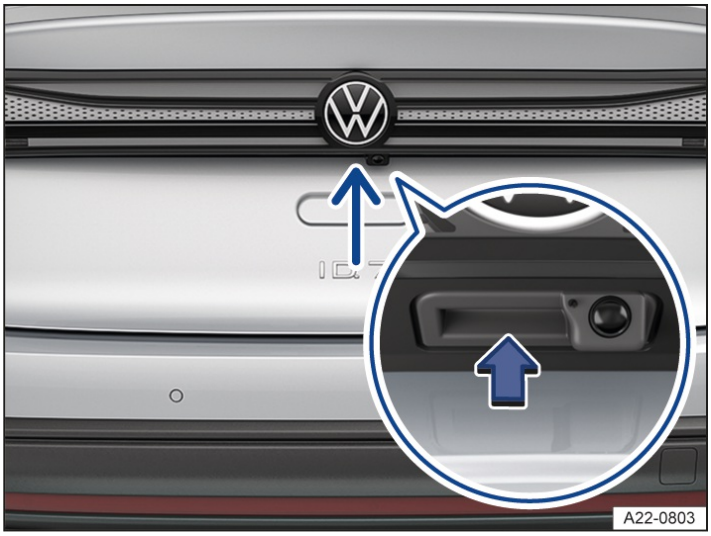


Fig. 1 In the trunk lid: Button to open the trunk lid(general example).

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Fig. 2 Opened trunk lid: Recessed grips for pulling the lid shut.

Opening the trunk lid

1. To unlock the trunk lid, press the or button on the vehicle key.
2. Raise the trunk lid using the button → *fig. 1*.

Closing the trunk lid

1. Pull the trunk lid downward carefully using the handle in the interior trim panel until it latches shut in the lock → *fig. 2*, →.

An image in the Volkswagen Digital Cockpit display indicates if the trunk lid has not opened or closed correctly.

The trunk lid locks automatically while driving.

WARNING

Closing the trunk lid incorrectly or carelessly may lead to serious injuries.

- When opening the trunk lid, take care to pull it all the way up.
- When closing the trunk lid, make sure your hands are not within the closing range of the lid.

If the trunk lid is not opened within several minutes after unlocking, it will lock again automatically.

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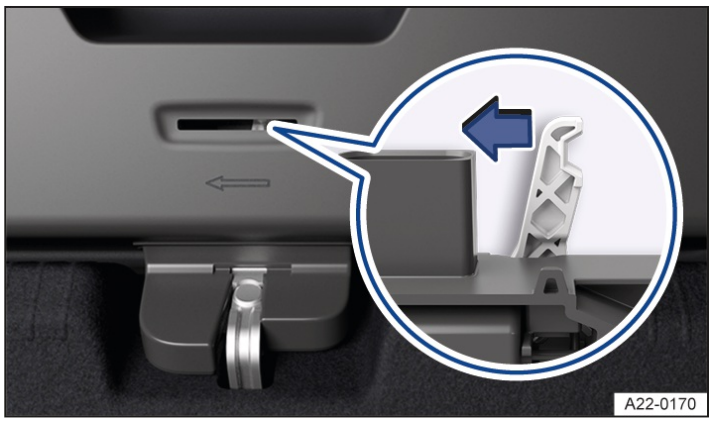


Fig. 1 In the luggage compartment: Service opening in the trunk lid.

Mechanically unlocking the trunk lid using the emergency release

1. Insert a suitable object into the service opening in the trunk lid and push the release lever in the direction of the arrow → *fig. 1*.

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Troubleshooting

If the trunk lid will not open or close

1. Check if the trunk lid is being blocked by an object.

   The trunk lid can be moved by hand. It is necessary to use more force when doing this.

If all turn signals flash four times

The vehicle key that was last used is still in the vehicle.

1. Remove the key and lock the vehicle.

If the trunk lid is difficult to move

The mechanism for opening the trunk lid may not always work automatically when the outside temperatures are around the freezing point.

1. Guide the trunk lid farther upward by hand.

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Opening and closing the windows

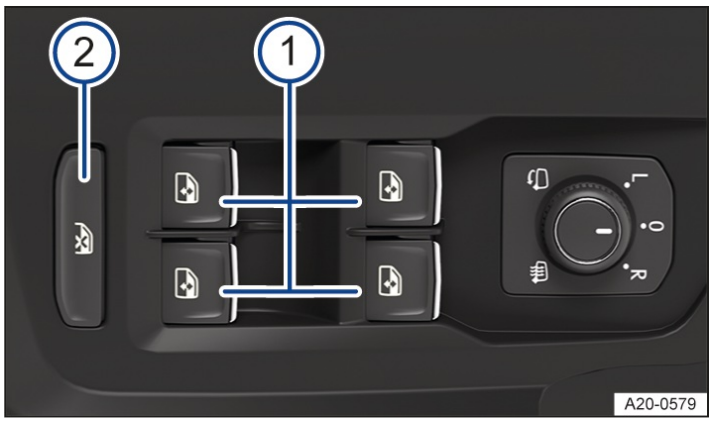


Fig. 1 In the driver door: Power window buttons.

(1) Opening the window: press the switch.

Closing the window: pull the switch.

(2) Deactivating the power window buttons in the rear doors: press the switch.

This button is only located in the driver door.

The windows can still be opened or closed using the switches in the doors for a brief period after the ignition has been switched off, as long as the driver's or front passenger door is not opened.

One-touch opening and closing function

The one-touch opening and closing function allows the windows to be completely opened or closed. To use this feature, do not hold the window switch up or down.

— To start the one-touch closing function, pull the window switch upward briefly to the second level.

— To start the one-touch opening function, press the window switch downward briefly to the second level.

— To stop the one-touch opening or closing function, pull or press the switch for that window again.

Convenience opening and closing

The windows can be opened and closed from outside the vehicle using the vehicle key when the ignition is switched off.

Depending on the country, it may only be possible to open the windows from outside using the vehicle key.

1. Press and hold the unlock or lock button on the vehicle key.

   Or: *On vehicles with Keyless Access with push-button start:* hold your finger on the unlock sensor in the door handle for several seconds until the windows are closed . The vehicle key must be nearby to use this feature.

   When all of the windows are closed, the turn signals will flash once as a confirmation.

2. To stop the function, release the unlock or lock button.

   Or to stop the function, remove your finger from the sensor.

You can select the convenience opening settings in theVehicle settings menu in the Infotainment system.

WARNING

Careless or unintended use of the power windows can cause serious injuries.

- Do not open or close the power windows if anyone is in the way.

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- Always take all vehicle keys with you when leaving the vehicle.
- Note that the windows can still be opened or closed using the door buttons for a brief period after the ignition has been switched off, as long as the driver's or front passenger door is not opened.
- When driving with children seated on the rear bench seat, always disable the rear power windows so that the windows cannot be opened or closed.

WARNING

If the vehicle is locked, the windows can no longer be opened and will prevent people from escaping from the vehicle interior. In an emergency, this could cause serious or fatal injuries.

- Never leave children or people requiring assistance unattended in the vehicle when the vehicle is locked.

NOTICE

If the windows are open, precipitation can enter the vehicle and soak the interior equipment, which could restrict the function of the controls or damage them.

- Close all windows if there is precipitation.

If the power windows are malfunctioning, the one-touch opening and closing function and the pinch protection may not function correctly. Contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Convenience opening and closing only functions if the one-touch opening and closing function is activated for all the power windows.

Some settings can be saved in the driver personalization user profiles and therefore change automatically when the user profile is switched.

Power window pinch protection

The power window pinch protection can reduce the risk of being pinched and injured when the windows are closing.

If the window cannot close due to resistance or an obstacle, then the window will reopen immediately→⚠.

1. Check why the window did not close.
2. Try again to close the window.

If the window will not close again, then the pinch protection will be disabled for several seconds.

If the window still cannot close, then the window will stop at the place where it meets resistance. If you pull on the power window switch again within a few seconds, the window will close without pinch protection →⚠.

Closing windows without pinch protection

1. Try to close the window again within a few seconds by holding the power window switch. This will disable the pinch protection.

   If the closing process takes longer than several seconds, then pinch protection will be enabled again. If there is resistance to the window moving or an obstacle is blocking the window, then the window will reopen automatically.
2. If the window still cannot close, then contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

Closing the window when pinch protection is disabled can result in serious injuries.

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- Always be careful when closing the windows.
- Do not close windows if anyone is in the way.
- Note that the pinch protection does not prevent fingers or body parts from being trapped against the window frame.

Pinch protection also occurs when using the convenience closing function with the vehicle key.

Troubleshooting

One-touch up/down feature

If the 12 V vehicle battery is disconnected or drained when the windows are not completely closed, then the one-touch up/down feature will not work. It must be reprogrammed using the following steps:

1. Switch the ignition on.
2. Close all windows and doors.
3. Pull the switch for the desired window and hold it in that position for several seconds.
4. Release the switch, then pull it upward again and hold it.

The one-touch up and down features will then be fully functional.

The automatic power windows can be reprogrammed individually, or multiple windows can be reprogrammed at the same time.

Controls are responding differently than expected

Moisture, dirt and grease may limit the functioning of the controls.

1. Always keep the control panels clean and dry.

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Adjusting the steering wheel position mechanically

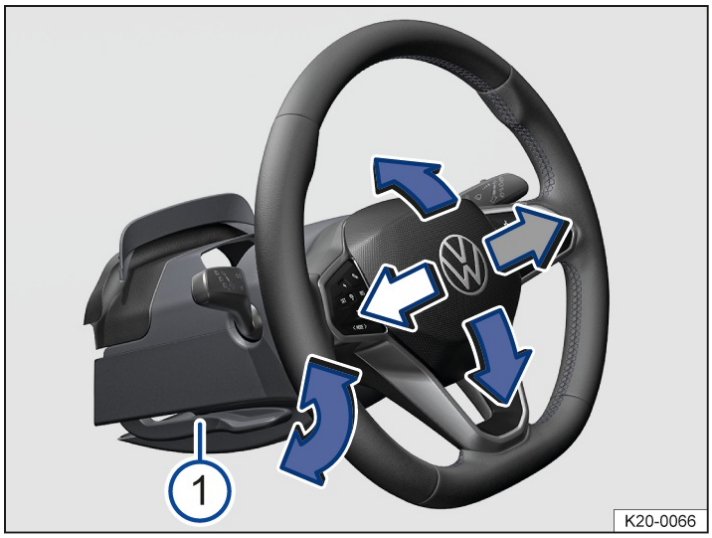


Fig. 1 Under the steering wheel in the steering column trim panel: lever to adjust the steering wheel position manually (general example).



Fig. 2 On the steering wheel: nine o'clock and three o'clock position (general example).

Only adjust the steering wheel before driving or while the vehicle is stationary→⚠.

1. Tilt the lever →*fig. 1* (1) downward.
2. Adjust the steering wheel so that it can be firmly held at the outer edge with both hands at the nine o'clock and three o'clock position →*fig. 2*.
3. Press the lever all the way up until it locks flush with the steering column trim panel→⚠.

⚠ WARNING

Incorrect use of the steering wheel adjuster and an incorrect steering wheel adjustment could cause serious or fatal injuries.

- Always push the lever →*fig. 1* (1) upward into its locked position after adjusting so that you do not change the steering wheel position unintentionally while driving.
- Never adjust the steering wheel while driving. If you find the steering wheel must be adjusted while driving, stop the vehicle safely and adjust the steering wheel correctly.
- The steering wheel must always face toward the chest and never toward the face. Otherwise, the protective function of the driver's front airbag may be limited in the event of an accident.

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- To reduce the risk of injuries if the driver's front airbag deploys, always hold the outer edge of the steering wheel firmly with both hands in the nine o'clock and three o'clock position → *fig. 2*.
- Never hold the steering wheel in the twelve o'clock position or in any other way, such as holding the center of the steering wheel. Otherwise, the arms, hands, and head could be seriously injured if the driver's front airbag deploys.

Introduction

The following information describes the various options for adjusting the front seats. Always make sure the seats are adjusted to the correct position *(→ Seating position)*.

WARNING

Driving in an incorrect seating position due to seats being adjusted incorrectly may cause serious injuries.

- Adjust the front seats according to the correct seating position each time before driving and make sure all passengers have their safety belts fastened correctly.
- Move the front passenger seat all the way back.

WARNING

Adjusting the seats incorrectly can cause accidents and serious injuries.

- Only adjust the seats when the vehicle is stationary. Otherwise, the position of the seats could change unexpectedly while driving and you could lose control of the vehicle. You could also put yourself in an incorrect seating position.
- Only adjust the height, angle, and forward/back position of the front seats when there is no one within the seat's range of movement.
- Do not restrict the movement of the seats by placing objects within their range of movement.
- The adjusting and locking areas of the seats must not be dirty.

WARNING

Lighters in the vehicle can become damaged or ignite unintentionally. This can cause severe burns and vehicle damage.

- Before adjusting any seat, always make sure that there are no cigarette lighters near the moving parts of the seat.

NOTICE

Objects with sharp edges can damage the seats.

- Never touch the seats with sharp-edged objects. Sharp-edged objects, such as zippers, rivets on clothing, or belts, can cause surface damage. Open hook and loop fasteners can also cause damage.

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Manually adjusting front seats

The information that follows describes all possible controls. Depending on the seat version, the number of controls may vary.

The controls on the front passenger seat are a mirror image of those for the driver seat.



Fig. 1 On the driver seat: Controls.

1. Operate the lever to adjust the lumbar support.
2. To adjust the backrest, turn the handwheel with nothing resting on the backrest.

   Front passenger seat: release the backrest and operate the lever to adjust the backrest (depending on the vehicle equipment).
3. If necessary, move the lever upward or downward multiple times to adjust the height of the seat.
4. Pull the lever to slide the front seat forward or backward. The front seat must lock into place after the lever is released.

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Folding the front passenger backrest forwards

Depending on the vehicle equipment, the front passenger backrest can be folded forward and locked in a horizontal position.

If objects are transported on the folded front passenger seat, the front passenger's front airbag must be deactivated *(→ Airbag system)* .

Folding the front passenger backrest forwards

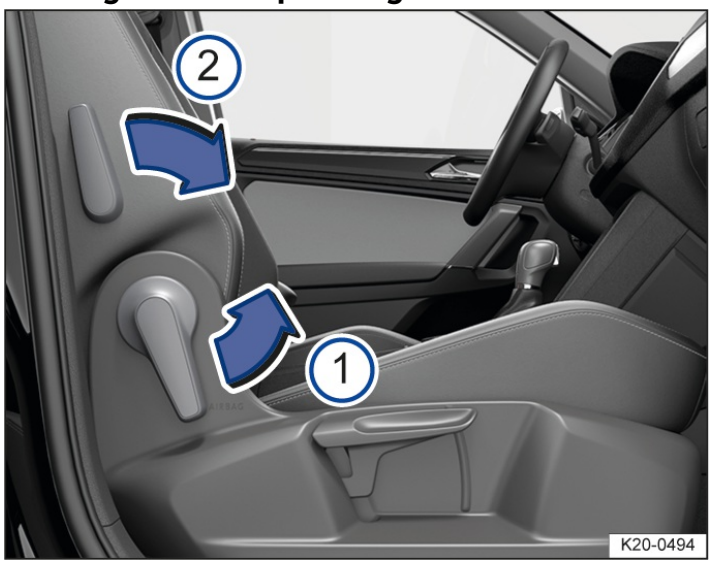


Fig. 1 Front passenger seat: Fold backrest forwards.

1. Remove objects from the front passenger seat→ ⚠.
2. Set the front passenger seat as low as possible.
3. Move the front passenger seat as far back as possible.
4. Move the head restraints all the way down.
5. Unlock the front passenger backrest in the direction of the arrows→ *fig. 1* (1).
6. Fold the front passenger backrest forwards in the direction of the arrows→ *fig. 1* (2) into the horizontal position.

The front passenger backrest must engage securely in the folded down position.

Unfolding the front passenger backrest

Do not have any objects or body parts near the hinge when unfolding.

1. To unfold the front passenger backrest unlock it again → *fig. 1* (1).
2. Fold the front passenger backrest backwards into the upright position.

The front passenger backrest must engage securely in the folded out, upright position.

⚠ WARNING

Folding and unfolding the front passenger backrest in an uncontrolled or careless manner can cause severe injury.

- Only fold or unfold the front passenger backrest when the vehicle is stationary.
- Always ensure that no people or animals are in the way of the backrest when folding down the front passenger backrest.
- As long as the front passenger backrest is folded down, the front airbag must be deactivated and the PASSENGER

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AIR BAG OFF indicator light must be illuminated.

- Keep hands, fingers, feet, and other parts of the body out of the range of operation of the seat hinges and seat locking mechanism when folding the backrest forward and back.
- Floor mats or other objects must not become caught in the area of the hinges. The floor mats or other objects could get caught in the front passenger backrest hinges. This can lead to the front passenger backrest not being securely locked when unfolded to the upright position.
- The front passenger backrest must be securely locked when being unfolded to the upright position. A front passenger backrest which is not securely locked can move unexpectedly and cause severe injury.

WARNING

The uncovered seat mountings or hinges can lead to severe injury during a braking maneuver or accident when the front passenger backrest is folded down.

- Never transport adults or children on the front passenger seat when the front passenger backrest is folded down.
- Only the seat behind the driver seat on the rear bench seat may be used when the front passenger backrest is folded down. This also applies to child seats.

WARNING

Objects that are not secured or are secured incorrectly can cause serious injuries in the event of sudden driving and braking maneuvers or a collision. This is especially true if the airbags deploy and strike objects, causing them to fly through the vehicle interior.

- Store all objects securely in the vehicle. Follow the legal regulations whilst doing so.
- As long as the front passenger backrest is folded down, the front airbag must be deactivated and the PASSENGER AIR BAG OFF indicator light must be illuminated.

Introduction

The following information describes the various options for adjusting the rear seats. Always make sure the seats are adjusted to the correct position *(→ Seating position)*.

WARNING

Incorrectly positioned rear seats increase the risk of serious injuries if an accident occurs.

- Before every journey, ensure that the rear seats are positioned so that all passengers are sitting upright and have their safety belts fastened correctly.
- Only adjust the rear seats when there is no one within the range of movement of the seats.

WARNING

If you adjust the rear seats while driving, you will adopt the wrong sitting position. In addition, the rear seats may move unexpectedly during the journey. This will increase the risk of serious injuries if an accident occurs.

- Only adjust the rear seats when the vehicle is stationary.

WARNING

Lighters in the vehicle can become damaged or ignite unintentionally. This can cause severe burns and vehicle damage.

- Before adjusting any seat, always make sure that there are no cigarette lighters near the moving parts of the seat.

WARNING

Incorrect use of the rear center armrest may cause serious injuries.

- The rear center armrest must always be folded up during journeys.
- If the center armrest is folded down, the center rear bench seat must never be used by either adults or children.
- Never allow an adult or child to ride on the center armrest.

NOTICE

Objects in the luggage compartment may get into the space between the seat and the luggage compartment floor when the rear seat is adjusted. This may cause damage.

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- Remove all objects located between the seat and luggage compartment floor before you move the rear seat.

NOTICE

Objects with sharp edges can damage the seats.

- Never touch the seats with sharp-edged objects. Sharp-edged objects, such as zippers, rivets on clothing, or belts, can cause surface damage. Open hook and loop fasteners can also cause damage.

Adjusting the rear bench seat

Adjusting the rear bench seat forward or backward

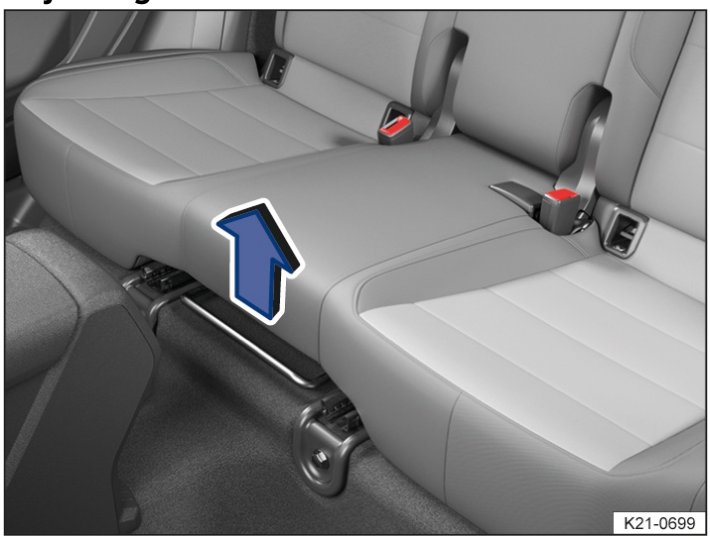


Fig. 1 Under the seat cushion in the rear bench seat: Adjusting lever.

1. Pull the lever upwards in the direction of the arrow→ *fig. 1* and slide the rear bench seat forward or backward *(→ Rear seats)*.
2. Release the lever and allow the rear bench seat to engage by sliding slightly forward or backward.

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Folding the rear bench seat backrest forward or backward

The seat backrest is divided. Each part of the rear seat backrest can be folded forward individually to enlarge the luggage compartment.

Folding the rear seat backrest forward and down with the release button



Fig. 1 In the rear seat backrest: release button.

1. Move the head restraints all the way down.
2. Pull the release button → *fig. 1* (1) forward while folding the rear seat backrest forward and down.

   The corresponding backrest part of the rear seat backrest is released when the red marking → *fig. 1* (2) can be seen.

Folding the rear seat backrest up and back

1. Fold the rear seat backrest to the back and push firmly into the catch until it securely engages →⚠.

   The red marking → *fig. 1* (2) must no longer be visible.

⚠ WARNING

Folding and unfolding the rear seat backrest in an uncontrolled or careless manner may cause severe injury.

- Always take care that no people or animals are in the way of the rear seat backrest when folding it forward and down.
- Never fold the rear seat backrest forward or back while driving.
- Make sure the safety belt is not pinched or damaged when folding the rear seat backrest back.
- Keep hands, fingers, feet and other body parts away from the rear seat backrest when folding forward or back.
- Each rear seat backrest must always be securely engaged to ensure that the safety belts in the rear seats can provide the maximum protection. Take extra care especially with the middle seat in the rear bench seat. If a seat on the rear bench is used without the rear seat backrest being engaged, the vehicle occupant will move forward with the rear seat backrest in the event of sudden braking and driving maneuvers or a collision.
- A red marking → *fig. 1* (2) indicates that the rear seat backrest is not engaged. Always check that the red marker is not visible when the rear seat backrest is in the upright position.
- Never allow people to sit in a rear seat if that rear seat backrest is folded forward or is not engaged.

NOTICE

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Folding and unfolding the rear seat backrest in an uncontrolled or careless manner may cause damage to the vehicle or other objects.

- Before folding the rear seat backrest forward, always adjust the front seats so that the head restraint or padding on the rear seat backrest does not press against the front seats.
- Before folding the rear seat backrest forward, always take care that there are no objects in its path.

Introduction

The information that follows describes how the head restraints can be adjusted and removed. Always make sure the seats are adjusted to the correct position *(→ Seating position)*.

All seats are equipped with head restraints. The head restraints are specially approved for the relevant seat and should not be installed in another seat in the vehicle.

If a seat is occupied, select the correct head restraint setting for the respective head restraint. If a seat is not occupied, the respective head restraint can be pushed down as far as it will go.

The center rear head restraint(depending on the vehicle equipment)is only intended for the center seat on the rear bench seat. Therefore do not install this head restraint in any other position.

There are notches in the head restraint supports so that they can be locked in different positions. Only head restraints which are correctly mounted can lock into the notches within the adjustable range. To prevent the head restraints from being removed unintentionally after mounting, there are stops at the top and bottom of the adjustable range.

Correct head restraint adjustment

Adjust the head restraint so that the upper edge of the head restraint is in line with the upper portion of the head as much as possible, but not lower than eye level. Position the back of the head as close as possible to the head restraint.

Head restraint adjustment for shorter persons

Slide the head restraint all the way down, even if the head is then below the upper edge of the head restraint. When the head restraint is in the lowest position, there may be a small gap between the head restraint and the backrest.

Head restraint adjustment for taller persons

Move the head restraint up all the way.

WARNING

Driving with head restraint that have been removed or adjusted incorrectly increases the risk of serious or fatal injuries in the event of an accident or sudden driving and braking maneuvers.

- If a person is sitting in a seat, always drive with the head restraint correctly installed and adjusted on that seat.
- If a person is sitting in a seat, adjust the head restraint according to their height.
- Never adjust the head restraint while driving.

NOTICE

Removing and fitting the head restraints incorrectly may cause damage.

- When removing and installing the head restraint, make sure the head restraint does not hit the headliner, the front seat backrest, or other vehicle components.

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Adjusting the head restraints

Adjusting the height of the front head restraint

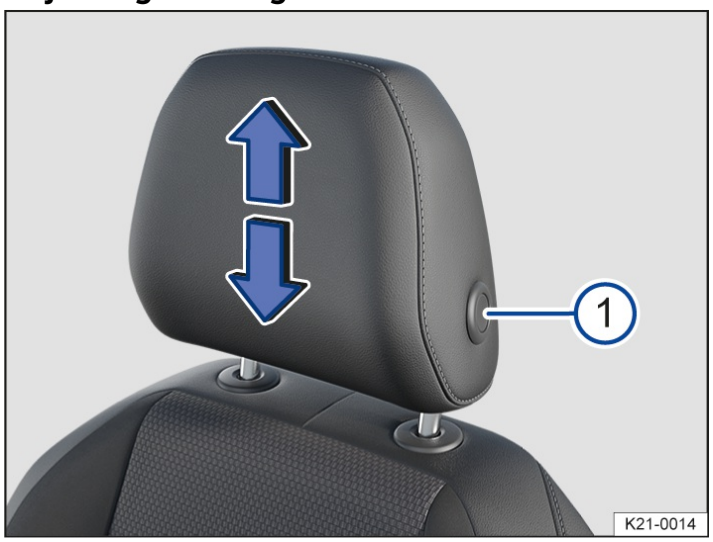


Fig. 1 Adjusting the front head restraint (general example).

1. If necessary, slide the head restraint upward or downward in the direction of the arrow and when pressing the → *fig. 1* (1) button.

The head restraint must lock securely into place.

Adjusting the height of the rear head restraint

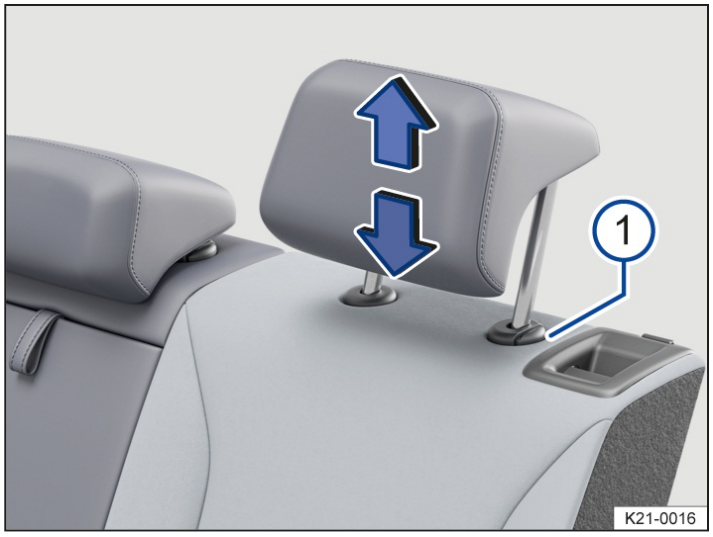


Fig. 2 Adjusting the rear head restraint (general example).

1. If necessary, slide the head restraint upward or downward in the direction of the arrow and when pressing the → *fig. 2* (1) button.

The head restraint must lock securely into place.

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Removing and installing the head restraints

Removing the front head restraints

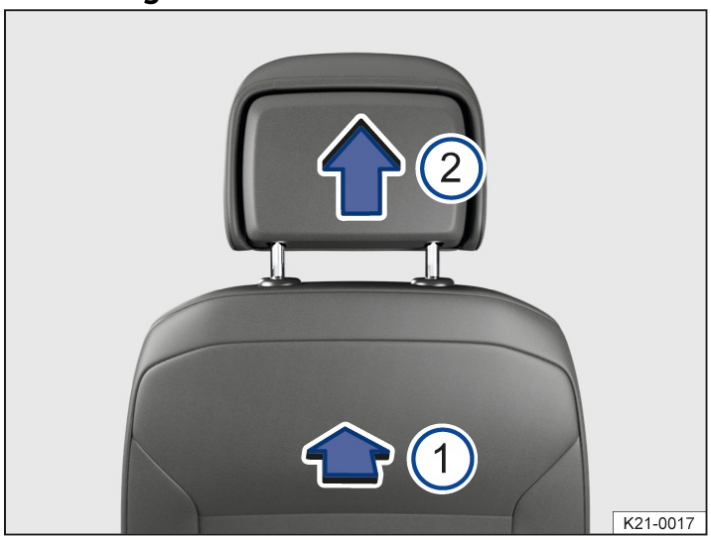


Fig. 1 Removing the front head restraint (general example).

1. Lower the head restraint if necessary.
2. To release, find the notch on the rear side in the marked area → *fig. 1* (1), push inwards in the direction of the arrow and hold.
3. Pull out the head restraint in the direction of the arrow → *fig. 1* (2).

Installing the front head restraints

1. Position the head restraint correctly above the head restraint guides and insert into the guides on the seat backrest.
2. Slide the head restraint downward until it engages into the guide rods.
3. Adjust the head restraint to the correct position.

Removing the rear head restraint



Fig. 2 Removing the rear head restraint (general example).

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1. If necessary, adjust the seat backrest so that the head restraint can be removed.
2. Slide the head restraint all the way upward.
3. Pull the head restraint all the way out while pressing the → *fig. 2* (1) button.

Installing the rear head restraint

1. Release the backrest of the rear bench seat and fold slightly forwards.
2. Position the head restraint correctly above the head restraint guides and insert into the guides on the seat backrest.
3. Push the head restraint downward while pressing the → *fig. 2* (1) button.
4. Fold the rear bench seat backrest toward the rear and lock it securely into place.
5. Adjust the head restraint to the correct position.

Center armrest

Front center armrest



Fig. 1 Front center armrest (general example).

— Forwards and backwards adjustment: slide the center armrest in the direction of the arrow all the way forwards or all the way rearwards → *fig. 1*.

Depending on vehicle equipment, there may be a storage compartment located under the center armrest.

⚠ WARNING

If the front center armrest is opened all the way or not completely closed, it can limit the driver's ability to move his or her arms, which can cause accidents and serious injuries.

- Always keep the storage compartments closed while driving.
- Never allow an adult or child to ride on the center armrest. This incorrect seating position can cause serious injuries.

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Switching the turn signals on and off

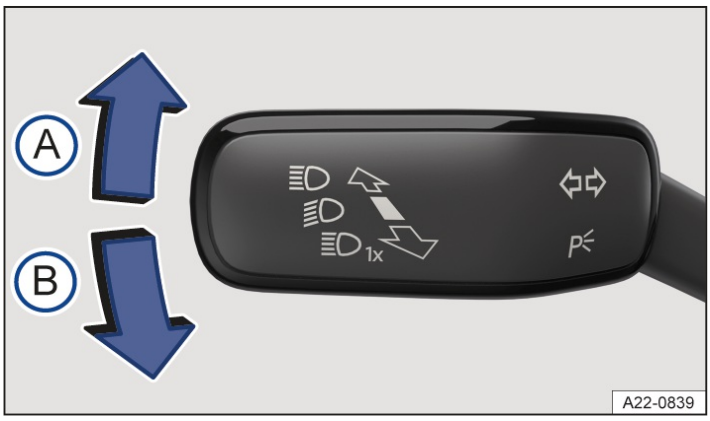


Fig. 1 On the left side of the steering column: turn signal and high beam lever.

(A) Right turn signal ➡.

(B) Left turn signal ⬅.

Switching the turn signals on and off

1. Switch the ignition on.
2. Move the lever out of the center position into the desired position→ *fig. 1*.
3. To cancel the turn signal, move the lever back to its basic position.

If no chime sounds when the turn signal is on, contact suitably qualified professionals and have the vehicle checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

3-blink turn signal

1. Move the lever upward or downward to the pressure point and then release the lever.

   The turn signal will blink three times.

To stop the 3-blink turn signal before it ends, move the lever immediately to the pressure point in the opposite direction and release.

The 3-blink turn signal can be activated and deactivated in the vehicle settings in the Infotainment system *(→ Vehicle settings menu)*.

⚠ WARNING

Using the turn signals incorrectly, not using the turn signals, or forgetting to turn the turn signal off can mislead other road users. This can cause accidents and serious or fatal injuries.

- Always activate the turn signals correctly when changing lanes, passing, or turning.
- Switch the turn signal off again every time you finish changing lanes, passing, or turning.

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

Some settings can be saved in the driver personalization user profiles and will change when the user profile is switched.

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Switching the lights on and off



Fig. 1 Next to the steering wheel: light switch(one version).

Switching the lights on

1. Switch the ignition on.
2. Turn the light switch to the desired position→ *fig. 1*:

0

The daytime running light is switched on.

AUTO

Automatic headlight control: the headlights will switch on or off depending on the brightness and weather conditions →⚠, *(→ Automatic headlight control)*.

The side lights or parking lights and daytime running lights are switched on. The green symbol in the light switch turns on.

The low beam headlights are switched on.

Switching the lights off

1. Switch the ignition off.
2. Turn the light switch to the desired position:

0

The lights are switched off.

AUTO

The orientation lighting can be switched on *(→ Orientation lighting)*.

The side lights or parking lights are switched on . The green symbol in the light switch turns on.

The low beam headlights are switched off.

Vehicles with ignition switch: As long as the remote control vehicle key is in the ignition switch, the parking light continues to light up.

Vehicles with starter button: As long as the driver door is closed, the parking light continues to light up.

Daytime running lights

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The optional daytime running lights can increase the visibility of your vehicle in traffic during the daytime.

If the light switch is in the 0, or AUTO position (when brightness is detected), the daytime running light comes on automatically every time the ignition is switched on.

The daytime running lights cannot be switched on or off manually.

WARNING

If the vehicle lighting is not used appropriately for the weather conditions, the road will not be illuminated sufficiently. The vehicle will not be visible to other road users or will be difficult to see. This can cause accidents and serious or fatal injuries.

- Always turn on the low beam headlight in the dark, when it is raining, and when visibility is poor.
- Regularly check that the lighting system and turn signals are functioning correctly.

WARNING

The parking lights or daytime running lights are not bright enough to illuminate the road sufficiently and to be seen by other road users. The taillights do not switch on with the daytime running lights. The vehicle may not be seen by other road users in the dark, in the fog, and when visibility is poor if its taillights are not turned on. This can cause accidents and serious or fatal injuries.

- Always turn on the low beam headlight in the dark, when it is raining, and when visibility is poor.

WARNING

The automatic headlights AUTO are for assistance only. The driver is always responsible for turning on the correct vehicle lighting. Automatic headlight control AUTO only turns the low beam headlights on and off when there are changes in brightness. Insufficient lighting on the road may cause accidents and serious or fatal injuries.

- Turn on the low beam headlights manually in certain weather conditions, such as in fog.

When reverse gear is engaged, the cornering lights on both sides of the vehicle will turn on automatically to better illuminate the surroundings while maneuvering.

Switching the high beam headlights on and off

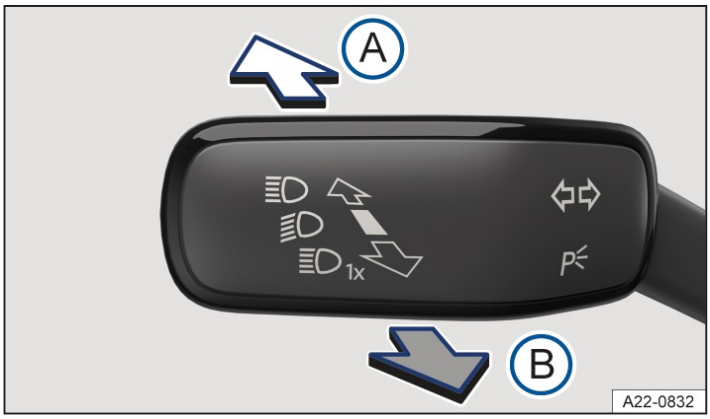


Fig. 1 On the left side of the steering column: turn signal and high beam lever.

(A) Turn on the high beam headlight.

(B) Activate the headlight flashers or turn off the high beam headlights.

If the high beam headlights or headlight flashers are turned on, the blue indicator light will come on in the Volkswagen Digital Cockpit →.

Turning on the high beam headlight

1. Switch the ignition on.

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2. Switch on the low beam headlight.
3. Press the turn signal and high beam lever forward out of the center position → *fig. 1* (A).

Turning off the high beam headlight

1. Pull the turn signal and high beam lever backward out of the center position → *fig. 1* (B).

Turning the headlight flasher on and off

1. Pull the turn signal and high beam lever backward out of the center position and hold it → *fig. 1* (B).

   Release the turn signal and high beam lever to turn the headlight flasher off.

High beam assistance

Depending on the vehicle equipment, an automatic high beam assistance may be available *(→ High beam control (Light Assist) (static))*.

⚠ WARNING

Incorrect use of the high beam headlight may distract and blind other road users. This can cause accidents and serious or fatal injuries.

- Use the high beam headlights only if other road users cannot be distracted or blinded.

High beam assistance (Light Assist)

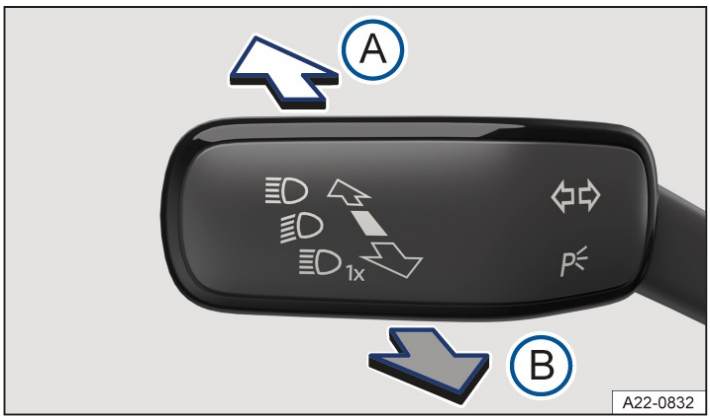


Fig. 1 On the left side of the steering column: turn signal and high beam lever.

The high beam assistance (Light Assist) automatically dims if oncoming vehicles or vehicles ahead are detected. In addition, Light Assist generally detects well-lit areas such as towns and deactivates the high beam headlights when driving through these areas.

The high beam headlights switch on and off automatically within the limits of the system, depending on the environmental and traffic conditions and the vehicle speed →⚠.

Switching on high beam control (Light Assist)

1. Switch the ignition on.
2. Switch on the automatic headlights AUTO *(→ Low beam headlight)*.

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3. Tap the lever forwards out of the basic position→ *fig. 1* (A).

When high beam control (Light Assist) is switched on, the indicator light lights up in the Volkswagen Digital Cockpit display. If Light Assist is active, the blue indicator light for the high beams in the instrument cluster will turn on.

Switching off high beam control (Light Assist)

1. Switch off the automatic headlights AUTO *(→ Low beam headlight)*.

   Or: if high beam control (Light Assist) is switched on and active, pull the lever backwards→ *fig. 1* (B).

   Or: if high beam control (Light Assist) is switched on and is not active, press the lever forwards→ *fig. 1* (A). The manual high beam headlights are now switched on. To switch off the manual high beam if necessary, pull the lever backwards (B).

System limitations

The high beams must be switched off manually in the following situations, because Light Assist may not switch them off at the right time or at all:

— In poorly lit towns which cannot be recognized as a town by the system.

— On poorly lit roads with strongly reflective signs.

— If there are others on the road who have inadequate lighting, such as pedestrians or cyclists.

— If there is cross traffic at perpendicular intersections.

— On tight curves where the view of traffic is partially obstructed, on steep rises, or in dips.

— When there are oncoming vehicles on roads with a center barrier and the drivers in the oncoming vehicle can clearly see above the barrier, for example truck drivers.

— In fog, snow, and heavy rain.

— When there are dust and sand in the air.

— If the windshield is damaged in the camera's field of vision.

— If the camera visual field is fogged over, dirty, or covered by a sticker, snow, or ice.

— If the camera switches off automatically due to a high ambient temperature or exposure to direct sunlight for a prolonged period. Light Assist will be available once the camera is available again.

— If the camera is faulty and the power supply is interrupted.

WARNING

Light Assist may not detect all traffic situations correctly and the function may be restricted in certain situations. High beam control (Light Assist) is only an aid. The driver is always responsible for turning on the correct vehicle lighting. Switching on the high beam headlight at the wrong time may distract and blind other road users. This can cause accidents and serious or fatal injuries.

- Always control the headlights yourself and adapt them to the lighting, visual, and traffic conditions.
- Switch the high beam off manually if it could blind other road users.

WARNING

If the camera lens is dirty, covered, or damaged, the Light Assist function may be limited. This is also the case if the vehicle lighting system is changed, such as by adding auxiliary headlights. This can cause accidents and serious or fatal injuries.

- Regularly clean the camera view area and keep it free of snow and ice.
- Do not cover the camera view area.

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- Regularly check the windshield for damage in the camera lens area.

Advanced high beam control (Dynamic Light Assist)

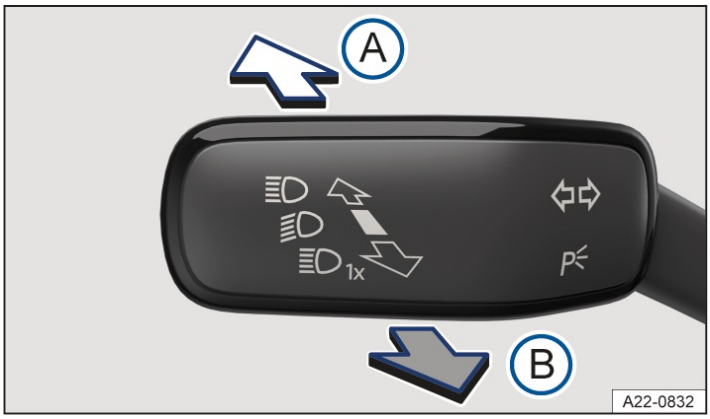


Fig. 1 On the left side of the steering column: turn signal and high beam lever.

The advanced high beam control (Dynamic Light Assist) function lights up the road and its peripheral areas to the maximum extent. At the same time, it avoids dazzling traffic ahead or oncoming traffic. The system uses a camera to detect other self-illuminating road users and their distance from your vehicle and specifically switches off areas in the light distribution. If it is no longer possible to prevent another road user from being dazzled, the high beam is completely switched off. Dynamic Light Assist also generally detects well-lit areas such as towns and deactivates the high beam headlights when driving through these areas.

The high beam headlights switch on and off automatically within the limits of the system, depending on the environmental and traffic conditions and the vehicle speed →⚠.

Dynamic Light Assist can be activated and deactivated in the vehicle settings in the Infotainment system *(→ Vehicle settings menu)*.

Switching on Dynamic Light Assist

1. Switch the ignition on.
2. Switch on the automatic headlights AUTO *(→ Low beam headlight)*.
3. Tap the lever forwards out of the basic position →*fig. 1* (A).

When Dynamic Light Assist is switched on, the indicator light lights up in the Volkswagen Digital Cockpit display. If Dynamic Light Assist is active, the blue indicator light for the high beams in the instrument cluster will turn on.

Switching off Dynamic Light Assist

1. Switch off the automatic headlights AUTO *(→ Low beam headlight)*.

   Or: if Dynamic Light Assist is switched on and active, pull the lever backwards →*fig. 1* (B).

   Or: if Dynamic Light Assist is switched on and is not active, press the lever forwards →*fig. 1* (A). The manual high beam headlights are now switched on. To switch off the manual high beam if necessary, pull the lever backwards.

System limitations

The high beams must be switched off manually in the following situations, because Dynamic Light Assist may not switch them off at the right time or at all:

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— In poorly lit towns which cannot be recognized as a town by the system.
— On poorly lit roads with strongly reflective signs.
— If there are others on the road who have inadequate lighting, such as pedestrians or cyclists.
— If there is cross traffic at perpendicular intersections.
— On tight curves where the view of traffic is partially obstructed, on steep rises, or in dips.
— When there are oncoming vehicles on roads with a center barrier and the drivers in the oncoming vehicle can clearly see above the barrier, for example truck drivers.
— In fog, snow, and heavy rain.
— When there are dust and sand in the air.
— If the windshield is damaged in the camera's field of vision.
— If the camera visual field is fogged over, dirty, or covered by a sticker, snow, or ice.
— If the camera switches off automatically due to a high ambient temperature or exposure to direct sunlight for a prolonged period. Dynamic Light Assist will be available once the camera is available again.
— If the camera is faulty and the power supply is interrupted.

⚠ WARNING

Dynamic Light Assist may not detect all traffic situations correctly and the function may be restricted in certain situations. Dynamic Light Assist is only an aid. The driver is always responsible for turning on the correct vehicle lighting. Switching on the high beam headlight at the wrong time may distract and blind other road users. This can cause accidents and serious or fatal injuries.

- Always control the headlights yourself and adapt them to the lighting, visual, and traffic conditions.
- Switch the high beam off manually if it could blind other road users.

⚠ WARNING

If the camera lens is dirty, covered or damaged, the functionality of the Dynamic Light Assist may be limited. This is also the case if the vehicle lighting system is changed, such as by adding auxiliary headlights. This can cause accidents and serious or fatal injuries.

- Regularly clean the camera view area and keep it free of snow and ice.
- Do not cover the camera view area.
- Regularly check the windshield for damage in the camera lens area.

Switching the poor weather lights on and off

Poor weather lights help you to illuminate the carriageway more effectively when visibility is poor.

The poor weather light can be switched on when the ignition is switched on and the automatic headlights AUTO or dipped beams are switched on.

Switching on the Poor Weather Lights

1. Switch the ignition on.
2. Automatic headlights AUTO or dipped beams switched on.
3. Pull out the light switch up to the first retainer.

The green indicator light in the light switch will turn on.

Switching off the Poor Weather Lights

1. Push in the light switch or turn it to the 0 position.

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If the poor weather light is switched on when the automatic headlights are switched on AUTO, the dipped beams are also switched on, regardless of the ambient light level.

Troubleshooting

Turn signal indicator light

The green indicator light blinks.

If a turn signal light on the vehicle is not working, the indicator light will blink twice as fast.

1. Check the lights and replace any bulbs as necessary *(→ Exterior lighting)*.
2. If the malfunction persists, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Trailer turn signal indicator light (for trailer hitch installed at the factory)

The green indicator light blinks.

If a trailer turn signal or the entire trailer light system is out, the indicator light will turn off.

1. Check the lights and replace any bulbs as necessary *(→ Exterior lighting)*.
2. If the malfunction persists, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Exterior lighting malfunction

The yellow indicator light turns on.

The headlights have completely or partially failed.

1. Check the lights and replace any bulbs as necessary *(→ Exterior lighting)*.
2. If the malfunction persists, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Rain/light sensor malfunction

The yellow indicator light turns on.

In the AUTO light switch position, the vehicle lighting will not turn on or off automatically.

1. Switch the ignition off and on.
2. If the malfunction persists, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Switching on and off the rear fog light

With the ignition on, the rear fog lights can be switched on with the light switch in the AUTO and low beam headlights positions *(→ Low beam headlight)*:

Switching the rear fog light on

1. Pull out the light switch.

   The yellow indicator light in the instrument cluster will turn on.

Switching the rear fog light off

1. Push in the light switch or turn it to the 0 position.

If the rear fog light is switched on when the automatic headlights are on AUTO, the low beam headlight will also be switched on, regardless of the ambient brightness.

For vehicles with a factory-installed trailer hitch: The rear fog lights on the vehicle will not turn on if a trailer with rear fog lights is connected to the vehicle.

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Parking lights

If the parking light function is switched on, both headlights will turn on along with the parking lights, sections of the taillights, the license plate lighting, and the buttons in the center console and in the instrument panel. When the ignition is switched on, the daytime running lights also turn on.

If the vehicle is not locked from the outside when the ignition is switched off and the parking light is switched on, the parking lights on both sides will automatically switch on after about 10 minutes to reduce the load on the 12 V vehicle battery *(→ Parking light)*.

Automatic side or parking light deactivation

The vehicle can detect when the 12 V vehicle battery is running low, and switches off the side or parking lights in good time (but after no less than two hours)to leave enough power to restart the engine.

If the battery capacity is not sufficient for the side or parking lights to run for two hours, the 12 V vehicle battery may drain to such an extent that the engine may not be able to start →⚠.

⚠ WARNING

If the vehicle is stopped without enough lighting and cannot be seen or is difficult for others on the road to see, this can cause accidents and serious or fatal injuries.

- Always stop the vehicle safely and with enough lighting.
- Follow the country-specific legal regulations.
- If you need the vehicle to be lit for several hours, switch on the right-hand and/or left-hand parking light if possible.

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Switching the parking light on and off

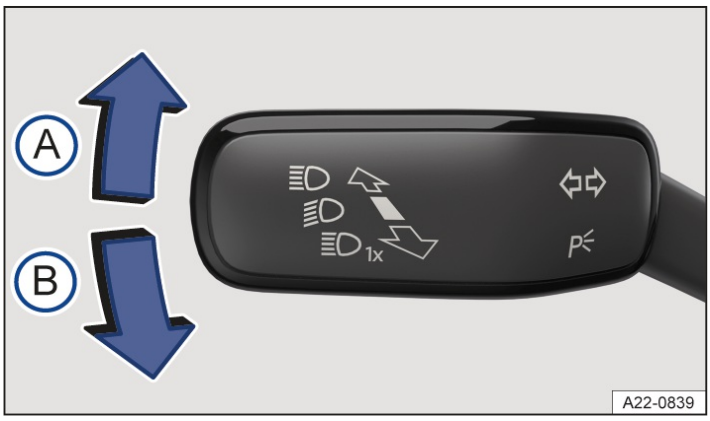


Fig. 1 On the left side of the steering column: turn signal and high beam lever.

(A) Right-hand parking light switched on.

(B) Left-hand parking light switched on.

Switching on and off the parking light on one side of the vehicle

When the parking light is switched on, the headlight on that side of the vehicle will turn on as well as the side light and sections of the taillight. As a rule, a parking light lit on only one side of the vehicle can remain lit for twice as long as continuous parking lights on both sides of the vehicle:

1. Switch the ignition off.
2. Move the lever out of the center position into the required position→ *fig. 1*.
3. To switch off the parking light on one side of the vehicle, move the lever into the basic position.

Switching the continuous parking light on both sides of the vehicle on and off

When the continuous parking lights on both sides of the vehicle are switched on, both headlights will turn on as well as the side lights and sections of the taillights:

1. Switch on the parking light.
2. Switch the ignition off.
3. Lock the vehicle from the outside.
4. To switch off the parking lights, unlock the vehicle from the outside.

Automatic side or parking light deactivation

The vehicle can detect when the 12 V vehicle battery is running low, and switches off the side or parking lights in good time (but after no less than two hours)to leave enough power to restart the engine.

If the battery capacity is not sufficient for the side or parking lights to run for two hours, the 12 V vehicle battery may drain to such an extent that the engine may not be able to start →⚠.

⚠ WARNING

If the vehicle is stopped without enough lighting and cannot be seen or is difficult for others on the road to see, this can cause accidents and serious or fatal injuries.

- Always stop the vehicle safely and with enough lighting.

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- Follow the country-specific legal regulations.
- If you need the vehicle to be lit for several hours, switch on the right-hand and/or left-hand parking light if possible.

“Exit lighting” and “Entry lighting” function (orientation lighting)

When you are entering and exiting the vehicle in the dark, the “Exit lighting” and “Entry lighting” function illuminates the immediate area around the vehicle.

The “Coming home” and “Leaving home” function controls the rain/light sensor automatically.

The lighting time can be adjusted in the vehicle settings in the Infotainment system and the function can be activated or deactivated *(→ Vehicle settings menu)*.

Switching the “Exit lighting” function on

1. Switch the ignition off.

The “Coming home” lighting switches on if the automatic headlight control AUTO is switched on and the rain/light sensor detects darkness.

The lighting time begins when the last vehicle door or trunk lid is closed.

Switching the “Exit lighting” function off

1. Turns off automatically after the set lighting time has elapsed.

   Or: Automatically if a vehicle door or the trunk lid is still open approximately 30 seconds after switching on.

   Or: Switch off the light.

   Or: Switch on the ignition.

Switching the “Entry lighting” function on

1. Unlock the vehicle when the automatic headlight control AUTO is switched on and the rain/light sensor detects darkness.

Switching the “Entry lighting” function off

1. Turns off automatically after the lighting time has elapsed.

   Or: Lock the vehicle.

   Or: Switch off the light.

   Or: Switch on the ignition.

If the “Coming home” function is switched on, the warning tone to indicate that the lights are still turned on will not sound when opening the driver door.

Some settings can be saved in the driver personalization user profiles and will change when the user profile is switched.

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Cornering lights

If the low beam headlights are switched on, a cornering light will also switch on during slow turns or in very tight corners.

When reverse gear is engaged, the cornering lights on both sides of the vehicle will turn on automatically to better illuminate the surroundings while maneuvering.

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Automatic headlight control

If automatic headlights AUTO are switched on, the vehicle lighting switches on and off automatically along with the instrument illumination under the following conditions:

— The light sensor has detected darkness.

— The windshield wipers are switched on for a long time.

When the lights are turned on, the yellow indicator light AUTO turns on *(→ Low beam headlight)*.

Automatic headlight control is merely an aid and cannot always accurately detect all driving situations.

If the vehicle is equipped accordingly, the activation time of the automatic headlights can be adjusted in the vehicle settings in the Infotainment system *(→ Vehicle settings menu)*.

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Headlight range control

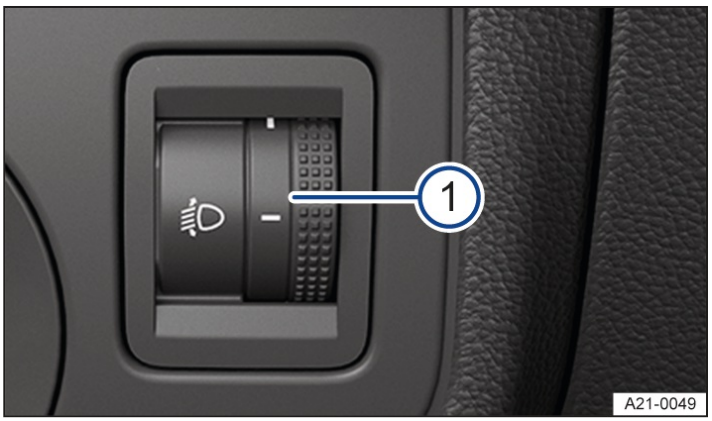


Fig. 1 Next to the steering wheel: control for headlight range control.

(1) Control for the headlight range control.

Headlight range control is used to adjust the beam of the dipped beam headlight to the load level of the vehicle. This provides the driver with the best possible visibility and oncoming traffic is not dazzled →⚠.

Manual headlight range control

1. Turn the control → *fig. 1* (1) to the required position(example vehicle load).

   If vehicle load varies, the controller can adjust to intermediate positions.

–

Front seat occupied and luggage compartment empty.

1

All seats occupied and luggage compartment empty.

2

All seats occupied and luggage compartment fully loaded.

Trailer mode with low drawbar load.

3

Only driver seat occupied and luggage compartment fully loaded.

Trailer mode with maximum drawbar load.

Dynamic headlight range control

Depending on the vehicle equipment, the dynamic headlight range control automatically adjusts the headlight range to the vehicle load when the headlights are switched on →⚠. Manual adjustment does not apply to vehicles with dynamic headlight range control.

⚠ WARNING

Heavy objects in the vehicle can cause the vehicle height to change such that the headlights dazzle and distract other road users. This can cause accidents and serious or fatal injuries.

- Always adjust the light cone to the vehicle load so that other road users are not dazzled.

⚠ WARNING

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If the headlight range control fails or malfunctions, the headlights may blind and distract other road users. This can cause accidents and serious or fatal injuries.

- Have the headlight range control inspected immediately by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Adjusting headlights (travel mode)

When traveling in countries that drive on the opposite side of the road from your home country, the asymmetric low beam headlights can dazzle oncoming traffic. Therefore, when traveling in these countries, some headlight variants require adjustment.

For vehicles with manual headlight range control, certain areas of the headlight lenses must be covered with films. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

For vehicles with dynamic headlight range control, you do not need to adjust the headlights.

Travel mode may be used only for a short period of time. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for permanent conversion. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Warning tones when lights are not turned off

If the ignition has been switched off and the driver door is opened, warning tones will sound under the following conditions:

— With the parking lights switched on.

— With the side lights switched on.

— With the rear fog light switched on.

If the orientation lighting is switched on, the warning tone to indicate that the light is still turned on will not sound when leaving the vehicle *(→ Orientation lighting)*.

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Instrument and switch illumination

You can adjust the instrument and switch lighting brightness in the vehicle settings in the Infotainment system *(→ Vehicle settings menu)*.

The selected brightness will automatically adjust to the changing brightness in the vehicle.

If the automatic headlights AUTO are switched on, a sensor switches the low beam headlights and the instrument and switch lighting on and off automatically based on outside brightness.

The instrument illumination for the needles and dials turns on when the ignition is on and the lights are off. The lighting for the gauges reduces automatically and eventually turns off as brightness outside increases. This function should remind the driver to turn off low beam headlights at the right time, such as when driving through tunnels.

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Interior/reading lights, ambient lighting

Switching on or off interior and reading lights

The scope and the representation of the controls in the headliner vary depending on the vehicle equipment.

Press the corresponding button:

0 Switch off the interior lights.

Switch on the interior lights.

The interior lights will switch on automatically when unlocking or leaving the vehicle.

OFF Function switched off: the interior lights will switch on automatically when unlocking or leaving the vehicle.

Switch the reading lights on or off.

Glove compartment and luggage compartment lights

The glove compartment and the luggage compartment may be illuminated depending on the vehicle equipment.

The relevant light turns on or off when opening and closing the glove compartment or trunk lid.

Ambient lighting

Depending on vehicle equipment, ambient lighting can provide indirect lighting in various areas of the vehicle interior.

Other areas may also be illuminated, e.g. the footwell.

You can adjust the ambient lighting brightness in the vehicle settings in the Infotainment system *(→ Vehicle settings menu)*.

Vehicles with a starter button: After the ignition has been switched off, the lights will turn off when the vehicle is locked or automatically after a few minutes. This reduces the risk of the 12 V vehicle battery being drained.

Vehicles with ignition lock: After the vehicle key has been removed from the ignition switch, the lights will turn off when the vehicle is locked or automatically after several minutes. This reduces the risk of the 12 V vehicle battery being drained.

Some settings can be saved in the driver personalization user profiles and will change when the user profile is switched.

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Operating the windshield wiper lever

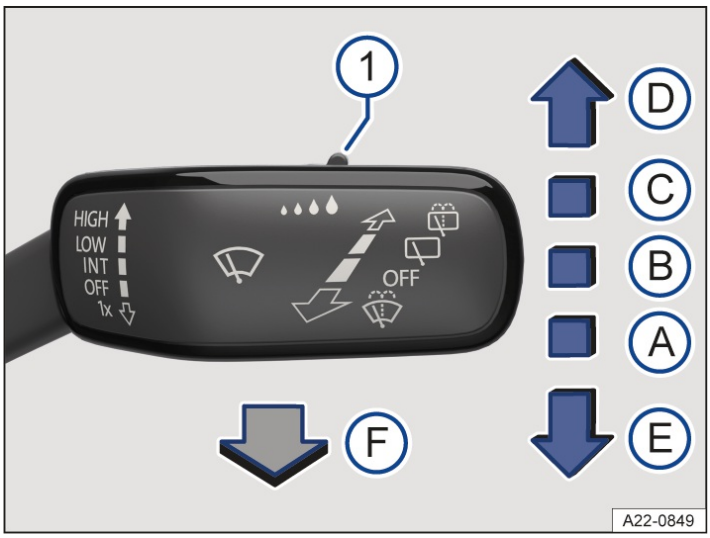


Fig. 1 On the right side of the steering column: operating the windshield wipers.

The windshield wipers only work when the ignition is switched on and the hood or trunk lid is closed. Move the wiper lever into the desired position →(!):

(A) **OFF** Wipers are switched off.

(B) **INT** Interval wiping for the windshield or rain sensor mode. Interval wiping for the windshield depends on the driving speed. The higher the speed, the faster the wipers will move.

(C) **LOW** Slow wiper speed.

(D) **HIGH** Fast wiping.

(E) **1x** One-tap wiping – brief wiping.

(F) Pull the lever to activate the automatic wiper/washer system to clean the windshield. The Climatronic switches to air recirculation for approximately 30 seconds to help prevent the windshield washer fluid odor from entering the vehicle interior.

(1) Switch for interval levels(vehicles without rain/light sensor)or to adjust the sensitivity of the rain/light sensor.

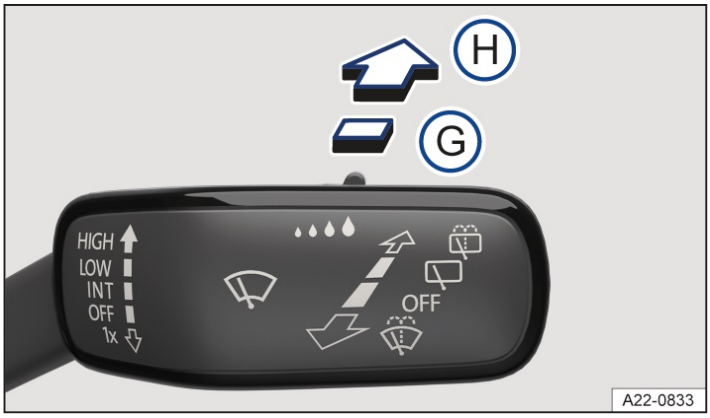


Fig. 2 On the right side of the steering column: operating the rear window wiper.

Move the wiper lever into the desired position →(!):

(G) Interval wiping for the rear window. The wiper moves approximately every six seconds.

(H) Press the lever to activate the automatic wiper/washer system to clean the rear window.

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WARNING

Without the sufficient freeze protection, washer fluid can freeze on the window glass and reduce visibility. This can cause accidents and serious or fatal injuries.

- Only use the washer system with sufficient freeze protection in winter temperatures.
- Never use the window washer system in winter temperatures if the windshield has not been warmed up with the air conditioning system.

WARNING

Worn or dirty wiper blades reduce visibility and increase the risk of accidents and serious injuries.

- Always replace wiper blades if they are damaged or worn and are no longer cleaning the window glass sufficiently *(→ Wiper blades)*.

NOTICE

Incorrect handling of the windshield wipers can cause damage to the windshield, the wiper blades and the wiper motor.

- Before driving and before the ignition is switched on, check that the windshield wiper lever is in the basic position.
- Remove any snow and ice from the windshield wipers and the windshield.
- Always carefully loosen wiper blades that have frozen onto the windshield from the windshield.
- Do not turn on the windshield wipers when the windshield is dry.

The activated wiper speed temporarily changes to the next lower speed when the vehicle is stationary.

Some settings can be saved in the driver personalization user profiles and will change when the user profile is switched.

When parking the vehicle in cold weather conditions, moving the windshield wipers to the service position may be helpful for loosening the wiper blades more easily from the windshield *(→ Wiper blades)*.

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Automatic rear window wiping

The rear window wiper switches on automatically when the windshield wipers are switched on and reverse gear is engaged. The automatic activation in reverse gear function can be activated and deactivated in the vehicle settings in the Infotainment system *(→ Vehicle settings menu)*.

Heated washer nozzles

The heat thaws frozen washer fluid nozzles. The heat output is automatically regulated when the ignition is switched on and is dependent on the outside temperature. Only the window washer nozzles are heated and not the washer fluid hoses.

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Rain/light sensor



Fig. 1 On the right side of the steering column: windshield wiper lever.

(1) Switch for adjusting the sensitivity of the rain/light sensor.

(A) Rain/light sensor deactivated.

(B) Rain/light sensor activated, automatic wiping as necessary.

When switched on, the rain/light sensor automatically shortens or lengthens the delay between wiping cycles depending on how hard it is raining.

Activating and deactivating the rain/light sensor

1. Press the lever into the desired position → *fig. 1*.

Automatic wiping can be activated and deactivated in the vehicle settings in the Infotainment system *(→ Vehicle settings menu)*.

If automatic wiping is deactivated in the Infotainment system, the interval time will be set in fixed stages.

Adjusting the sensitivity of the rain/light sensor

The sensitivity of the rain/light sensor can be manually adjusted with the switch in the windshield wiper lever → *fig. 1* (1), →⚠.

— Move the switch to the right – high sensitivity.

— Move the switch to the left – low sensitivity.

⚠ WARNING

The rain/light sensor cannot detect all precipitation sufficiently and activate the windshield wipers accordingly. Reduced visibility can cause accidents and serious or fatal injuries.

- If necessary, switch on the windshield wipers manually if water on the windshield is impairing visibility.

Some settings can be saved in the driver personalization user profiles and will change when the user profile is switched.

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Washer fluid level too low

The yellow indicator light turns on.

1. Fill the washer fluid reservoir *(→ Washer fluid)*.

Windshield wiper malfunction

The yellow indicator light turns on.

The windshield wipers are not working.

1. Contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Rain/light sensor malfunction

The yellow indicator light turns on.

The windshield wipers will not be automatically activated in rain/light sensor mode when it is raining.

1. Contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Changes to rain/light sensor reaction

Some possible reasons for malfunctions and misinterpretations in the sensor area of the rain/light sensor *(→ Front view)* could be:

— Damaged wiper blades: damaged wiper blades can leave a film of water or streaks on the window, and this can extend the activation time, greatly shorten the wiper intervals, or cause fast wiping time.

— Insects: insects hitting the windshield may trigger the wipers.

— Salt streaks: salt streaks on the windshield from driving in the winter can cause the wipers to wipe more frequently or continuously on a window that is almost dry.

— Dirt: dried dust, wax, any other build-up on the windshield(lotus effect), or washing product residue (car wash)can lower the sensitivity of the rain/light sensor and cause it to react too slowly or not at all. Clean the sensor area for the rain/light sensor regularly and check the wiper blades for damage *(→ Vehicle care exterior)*.

— Crack in the windshield: if a stone strikes and chips the sensor area while the rain/light sensor is on, this will trigger a wiper cycle. After that, the rain/light sensor will detect this irregularity on the sensor surface and react to it. Depending on the size of the chip, the reaction behavior of the rain/light sensor may or may not change.

If there is an obstacle for the wipers on the window glass, the wipers will attempt to remove it. If it continues to block the wipers, the wipers will stop moving.

1. Remove the obstacle and switch the wipers on again.

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General safety precautions

Using the outside mirrors and the interior rearview mirror, the driver can observe traffic and adjust their driving based on traffic.

For driving safety, it is important that the driver adjusts the outside mirrors and the interior rearview mirror correctly before starting to drive.

It is not possible to oversee the entire side and rear area of the vehicle by looking in the outside and interior rearview mirrors. These areas that are not visible are called blind spots. Other road users and objects could be in the blind spot.

⚠ WARNING

Adjusting the outside mirrors and interior rearview mirror while driving can distract the driver. This can cause accidents and serious or fatal injuries.

- Only adjust the outside mirror and interior rearview mirror when the vehicle is stationary.
- Always make sure that the mirrors are adjusted correctly and visibility to the rear is not limited by ice, snow, fog, or other objects.

⚠ WARNING

The view in the outside mirrors and interior rearview mirror does not cover the entire area around the side and rear of the vehicle. Other road users and objects could be in these blind spots. This can cause accidents and serious or fatal injuries.

- When parking, changing lanes, passing, and turning, always pay attention to your surroundings.

⚠ WARNING

Curved mirror surfaces (convex or aspheric) enlarge the field of vision and allow objects in the mirror to appear smaller and farther away. This can make it difficult to estimate the exact distance from the vehicles behind, e.g. when changing lane. This can cause accidents and serious or fatal injuries.

- Use the interior rearview mirror as much as possible to more accurately determine the distance to vehicles or other objects behind you.
- Make sure there is sufficient visibility of the area behind the vehicle.

⚠ WARNING

An automatic dimming rearview mirror contains an electrolyte fluid that can leak out if the mirror glass breaks. Coming into contact with this liquid can irritate the skin, eyes, and respiratory organs, especially in individuals with asthma or similar illnesses. This may cause serious injuries.

- If electrolyte fluid is swallowed, rinse out the mouth immediately for at least 15 minutes with plenty of water. Do not induce vomiting unless it ordered to do so by a doctor. Call for medical assistance immediately.
- Immediately get plenty of fresh air and exit the vehicle. If this is not possible, open all the windows and doors.
- If the electrolyte fluid comes into contact with eyes or skin, wash the affected area immediately for at least 15 minutes with plenty of water and seek medical assistance.
- If the electrolyte fluid comes into contact with your shoes or clothing, wash it for at least 15 minutes with plenty of water. Clean the shoes and clothing thoroughly before wearing them again.

NOTICE

If the glass on an automatic dimming mirror breaks, electrolyte fluid can leak out. This fluid damages plastic surfaces.

- Remove any leaking fluid as soon as possible, for instance using a wet sponge.

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Interior rearview mirror

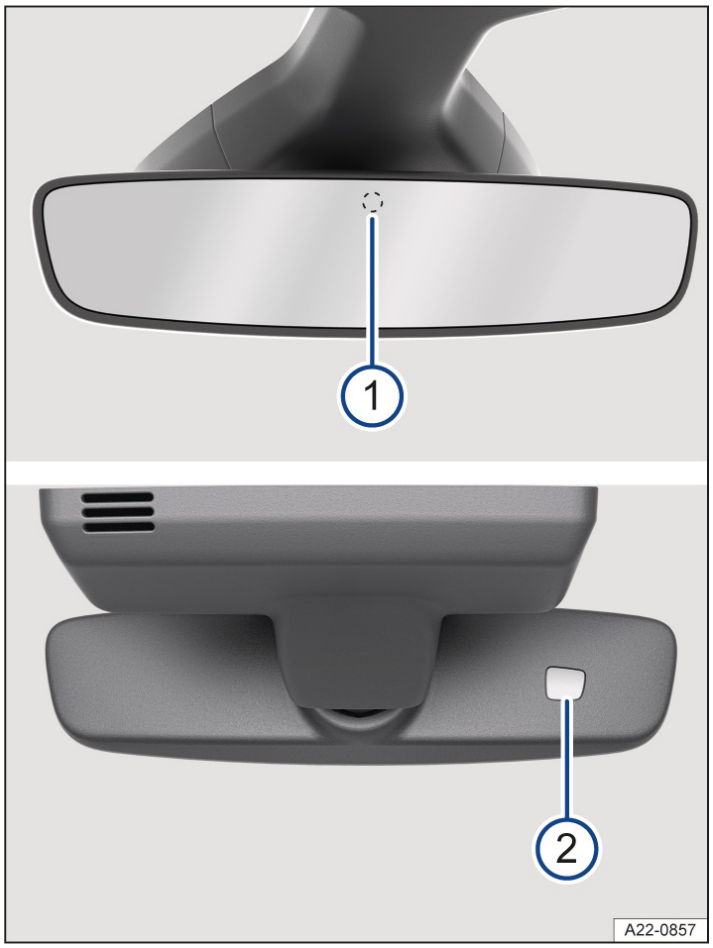


Fig. 1 On the windshield: automatic dimming interior rearview mirror.

(1) Sensor for light entering from the rear.

(2) Sensor for light entering from the front.

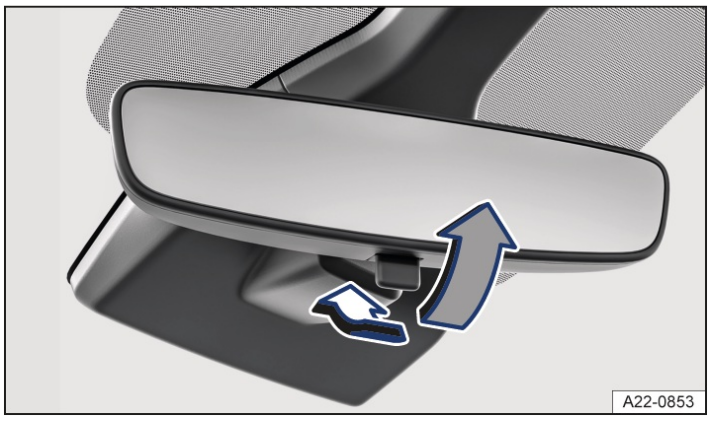


Fig. 2 On the windshield: manual dimming interior rearview mirror.

Automatic dimming interior rearview mirror

When the ignition is on, the sensors measure the amount of light entering from the rear→ *fig. 1* (1) and from the front (2).

Depending on the measured values, the interior rearview mirror will dim automatically.

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If the amount of light entering the sensors is limited or interrupted, for example by a sunshade or attachment, the automatic dimming interior rearview mirror may not function or may malfunction. Mobile navigation devices on the windshield or near the automatic dimming interior rearview mirror can also affect the sensors →⚠.

Automatic dimming will be deactivated in some situations, for example when reverse gear is engaged.

Manual dimming interior rearview mirror

— Base position: lever on the lower edge of the mirror points forward toward the windshield.

— To dim, pull the lever back→ *fig. 2*.

⚠ WARNING

The illuminated display of a mobile navigation system may interfere with the automatic dimming interior rearview mirror. This may stop you from using the interior rearview mirror to accurately determine the distance from vehicles or other objects behind you. Accidents and serious or fatal injuries could result.

- Switch the mobile navigation system off in such cases.

Outside mirrors

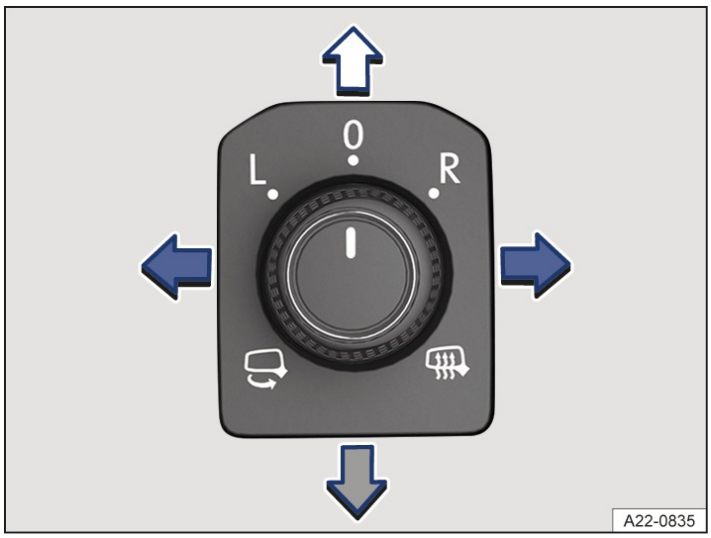


Fig. 1 In the driver door: knob for the outside mirrors.

The following information describes the outside mirror functions for left-hand drive vehicles. Position **L** corresponds to the outside mirror on the driver's side, and position **R** corresponds to the outside mirror on the passenger's side. For right-hand drive vehicles, proceed in the reverse order.

Adjusting outside mirrors

1. Switch the ignition on.
2. Turn the knob in the driver door to the preferred symbol→ *fig. 1*.
3. To adjust the outside mirror, push the knob forward, back, right or left in the direction of the arrow.

Fold the outside mirror in towards the vehicle body→⚠.

Switch on the outside mirror heating. The exterior mirror heating only works when the ambient temperature is below approx. 20 °C (around 68 °F) and provides the most heat when it first turns on. After about two minutes, the mirrors will be heated depending on the ambient temperature.

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L

Adjusts the left outside mirror.

R

Adjusts the right outside mirror.

0

Neutral position. The outside mirror cannot be adjusted and all functions are switched off.

Activating outside mirror functions

The following outside mirror functions must be activated in the vehicle settings in the Infotainment system before they are used for the first time *(→ Vehicle settings menu)*.

Folding the outside mirrors in while parking

If the vehicle is locked or unlocked from the outside, the outside mirrors will automatically fold in or out. For this to happen, the knob must be in the , **L**, **R** or **0** position.

If the knob for power exterior mirrors is in the position, the outside mirrors will remain folded in.

Save the passenger-side outside mirror settings when reversing

1. Unlock the vehicle using the key, to which the setting is allocated.
2. Apply the parking brake.
3. Switch the ignition on.
4. Shift the transmission to neutral.
5. Select the reverse gear.
6. Adjust the front passenger outside mirror so that, for example, the edge of the curb can be seen clearly.
7. Shift the transmission to neutral.
8. Switch the ignition off.

   The selected mirror position will be stored and assigned to the vehicle key.

Opening the front passenger outside mirror settings for driving in reverse

1. Turn rotary knob for the outside mirrors to the relevant position for adjusting the front passenger outside mirror.
2. With the ignition switched on, select reverse gear.

   The front passenger outside mirror will adjust to the stored position.

The front passenger outside mirror will exit the position stored for driving in reverse when you begin driving forward faster than about 15 km/h (about 9 mph) or when the knob is turned to any other position.

WARNING

If you fold the outside mirrors against the vehicle or back without taking care, you could get your fingers jammed between the outside mirror and the mirror base. This can cause severe injuries.

- Do not fold the outside mirrors out or in if there are any obstacles in the path.

NOTICE

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If outside mirrors are not folded in when driving through a car wash, they can get damaged.

- Always fold in the outside mirrors.

NOTICE

Folding in the power exterior mirror manually can worsen wear and tear or damage the mirror motor.

- Do not fold power exterior mirrors in or out by hand.

Leave the outside mirror heating on only as long as it is needed. Otherwise fuel will be used unnecessarily.

If there is a malfunction in the power outside mirror, you can adjust the position of the mirror manually by hand by pushing on the edge of the mirror surface.

Some settings can be saved in the driver personalization user profiles and will change when the user profile is switched.

Sun visors

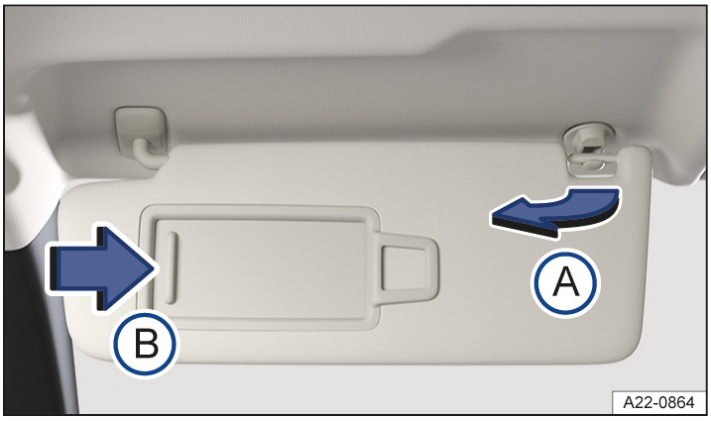


Fig. 1 In the front of the headliner: sun visor.

(A) Remove from holder.

(B) Slide cover open.

Adjustment options for the sun visors

— Fold toward the windshield.

— Remove from the holder and tilt toward the door→ *fig. 1* (A).

Vanity mirror

A vanity mirror may be located in the sun visor in the folded down position.

Depending on the vehicle equipment, the vanity mirror may be located behind a cover.

1. To open, push the cover in the direction of the arrow→ *fig. 1* (B).

WARNING

Visibility may be reduced when sun visors are folded down and the sunshades are extended. This can cause accidents and serious or fatal injuries.

- Always guide sun visors and sunshades back into their holders when they are no longer needed.

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Overview of the Climatronic

Climatronic is an automatic air conditioning system which warms, cools and dehumidifies the air. In automatic mode, Climatronic can automatically control the air temperature, air distribution and the volume of air.

Certain functions of the air conditioner depend on the vehicle equipment.



Fig. 1 In the upper section of the center console: Climate control bar for the Climatronic system.

Making Efficient Use of the Air Conditioner

The air conditioner is most effective when the vehicle interior is kept closed. In the event of heat build-up in the vehicle interior, brief ventilation can accelerate the cooling process.

Display of activated functions

Illuminated LED

s on the climate control bar indicate that the function is activated.

In the Air conditioner menu in the Infotainment system, function keys highlighted in color indicate that a function is switched on *(→ Air conditioner menu in the Infotainment system)*.

Air conditioner with voice command operation

Some of the air conditioner functions can be operated with voice control, depending on the vehicle equipment .

⚠ WARNING

Icy, snow-covered or foggy door windows restrict visibility very severely. This increases the risk of collisions and accidents, which may result in serious or fatal injuries.

- Keep all windows free of ice, snow and fog.
- Adjust the heating, air conditioner, and rear window defroster to a setting where the windows do not fog up *(→ Heating and air conditioning system)*.
- Only start driving when all windows are clear.
- Only use recirculation mode for a short time. Otherwise, the windows could fog up very quickly and greatly reduce visibility.
- Always switch off recirculation mode as soon as it is not necessary.

Some settings can be saved in the driver personalization user profiles and will change if the user profile is switched .

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Air conditioner menu in the Infotainment system

On the climate control bar

MENU Open the Air conditioner menu in the Infotainment system.

The Air conditioner menu in the Infotainment system is only available via the Climatronic. Certain functions depend on the vehicle equipment.

In the Air conditioner menu, you can find, for example, the functions for temperature regulation *(→ Air conditioner temperature control)* and air distribution *(→ Air conditioner air distribution)*.

The top of the screen shows the current climate control settings, such as the air conditioner profile for automatic mode.

The lower section of the screen shows function keys for frequently used air conditioning functions.

Operating status of the air conditioner

The operating status of the air conditioning system is represented by colors:

- Cooling.
- Heating.

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Switching the Climatronic on and off

On the climate control bar

OFF Switch off the Climatronic.

Adjust the blower speed.

1. To switch on the Climatronic, swipe towards the right on the touch slider for the blower speed.
2. To switch off the Climatronic, swipe towards the left on the touch control for the blower speed.

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Automatic mode of the Climatronic

On the climate control bar

AUTO The set air temperature is maintained constant. The air volume and air distribution are automatically controlled. Automatic mode switches off when the blower speed is changed manually.

Selecting the air conditioner profile

The blower power in automatic mode can be controlled via the air conditioning profiles.

1. Tap **AUTO**.
2. Open the Air conditioner menu in the Infotainment system.
3. To select an air conditioner profile, tap the corresponding function key at the top of the screen.

   Depending on the currently selected air conditioner profile,Manual, Auto or Off is displayed.
4. Select your preferred air conditioner profile in the pop-up window.

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Overview of the manual air conditioner

The manual climate control system warms, cools, and removes humidity from the air.

Certain functions of the air conditioner depend on the vehicle equipment.



Fig. 1 In the upper section of the center console: Climate control bar for the manual climate control system.

Making Efficient Use of the Air Conditioner

The air conditioner is most effective when the vehicle interior is kept closed. In the event of heat build-up in the vehicle interior, brief ventilation can accelerate the cooling process.

Display of activated functions

Illuminated LED

s on the climate control bar indicate that the function is activated.

WARNING

Icy, snow-covered or foggy door windows restrict visibility very severely. This increases the risk of collisions and accidents, which may result in serious or fatal injuries.

- Keep all windows free of ice, snow and fog.
- Adjust the heating, air conditioner, and rear window defroster to a setting where the windows do not fog up *(→ Heating and air conditioning system)*.
- Only start driving when all windows are clear.
- Only use recirculation mode for a short time. Otherwise, the windows could fog up very quickly and greatly reduce visibility.
- Always switch off recirculation mode as soon as it is not necessary.

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Switching the manual air conditioner on and off

On the climate control bar

Adjust the blower speed.

1. To switch on the manual air conditioner, turn the center knob clockwise.
2. To switch off the manual air conditioner, turn the center knob all the way counterclockwise.

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Temperature regulation

On the climate control bar

Adjust the temperature.

A/C The air is cooled and dehumidified in cooling mode.

SYNC Apply temperature settings for the driver side to all seats.

Setting the temperature on the Climatronic climate control bar

1. To set the temperature of the Climatronic to +22 °C (+72 °F), tap and hold the touch control in the center between and .

   Or: to set a different temperature, swipe to the right or left on the touch control.

   The Climatronic displays the set temperatures.

Setting the temperature on the manual air conditioning climate control bar

1. Turn the left knob to or .

Maximum cooling output and heating output

1. Tap and hold or on the Climatronic touch control.

   Or: turn the left or right knob on the manual air conditioner as far as it goes to or .

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Air distribution and blower speed

Vents

Vents are located in the following places in the vehicle:

— Driver's side.

— Passenger's side.

— Front center console.

— Rear center console.

NOTICE

Food, medication, and objects that are sensitive to heat or cold can become damaged or unusable from the air coming out of the vents.

- Do not place any food, medication, or other objects that are sensitive to temperature in front of the vents.

Air distribution functions on the climate control bar and in the Air conditioner menu

Adjust the blower speed.

Direct air to the upper body.

Direct air into the footwell.

Direct air to the upper body and into the footwell.

Direct air onto the windshield and into the footwell.

Direct air onto the windshield.

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Defrost function

MAX The Climatronic defrost function clears fog and ice from the windshield.

The air is dehumidified and the blower is set to a higher speed.

The air conditioning system's defrost function clears the windshield of fog and ice.

The air must be dehumidified when the defrost function is switched on. Therefore when the defrost function is switched on, you cannot switch air recirculation on or cooling mode off.

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Air recirculation

No fresh air will enter the vehicle interior when recirculation mode is switched on→ ⚠.

Switch air recirculation on and off in the climate control bar.

When does recirculation mode switch off?

Recirculation mode will switch off in the following situations:

— If the defrost function is switched on.

— If a sensor detects that the door windows could fog up.

⚠ WARNING

A lack of fresh air supply may result in reduced visibility due to fogged up windows and rapid driver fatigue due to stale air. This can result in collisions, accidents and serious or fatal injuries.

- Only use recirculation mode for a short time.
- Always switch off recirculation mode as soon as it is not necessary.

NOTICE

Tobacco smoke can settle on the refrigerant system evaporator and the active combination filter and cause permanent odors.

- To prevent permanent odors, do not smoke in the vehicle when air recirculation is switched on.

Climatronic: When reverse gear is engaged or while the automatic wash and wipe system is on, recirculation mode switches on automatically so that no odors will enter the vehicle interior.

Manual air conditioning system: At very high outside temperatures, air recirculation helps to briefly cool down the vehicle interior faster.

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Overview of seat heating

The front seats can be electrically heated while the engine is running.

Switch the seat heating on and off in the climate control bar.

Seat heating levels

The operating status of the seat heating is shown in colors. At the highest heating level, both LED s come on.

When should the seat heating function be switched off?

Switch off the seat heating function under any of the following conditions:

— The seat is occupied by a person with a limited perception of pain or temperature → ⚠.

— The seat is not occupied

— A child restraint is installed on the seat

— Objects are covering the seat cushion, e.g. protective covers, jackets, blankets or bags.

— The seat surface is damp or wet

— The interior or exterior temperature is higher than +25 °C (+77 °F).

⚠ WARNING

Magnetic fields are generated when the seat heating is operated. In individual cases, these magnetic fields can affect active medical implants (e.g. pacemakers).

- If you have a medical implant, you should consult your doctor or the manufacturer of the implant before operating the seat heating.
- Also make your vehicle occupants aware.

⚠ WARNING

People who cannot feel pain or perceive temperature or can do so only to a limited extent, due to medication, paralysis or chronic illnesses such as diabetes, could develop burns or hypothermia on the back, buttocks and legs when using seat heating. Such injuries may take a very long time to heal or may never heal completely.

- If you have a limited perception of pain and/or temperature, never use the seat heating function.
- Contact a medical doctor for questions about personal health conditions.

⚠ WARNING

If the seat cover is soaked through, this can cause the seat heating to malfunction and increase the risk of burns.

- Make sure the seat surface is dry before using the seat heating function.
- Never sit on the seat while wearing damp or wet clothing.
- Do not place any damp or wet objects and clothing on the seat.
- Do not pour any fluids on the seat.

NOTICE

The heating elements of the seat heating may be damaged by loads concentrated in a single place and insulating materials.

- Do not kneel on the seats and do not exert pressure on the seat cushion and backrest with sharp or pointed objects.
- Do not exert pressure on the seat cushion and backrest with pointed objects.
- Switch the seat heating off if insulating materials are installed on the seat, e.g. a protective cover or a child restraint.

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- Only use the seat heating if the seat is equipped with the original seat covers.
- If any odor starts to develop, turn off the seat heating immediately and have it checked by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Using the seat heating function

1. In order to switch on the seat heating at the highest heating level, press the or button in the climate control bar.
2. To set the heating level, press the button or the button repeatedly.
3. To turn off the seat heating, press the or button repeatedly until the LED turns off.

When the seat heating is switched on for longer than approximately 15 minutes at the highest heating level, the system switches automatically to the first heating level.

In order to save fuel, switch off the seat heating as soon as possible.

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Rear window defroster

The rear window defroster works when the engine is running.

Switch the rear window defroster on and off in the climate control bar.

The rear window defroster switches off automatically after a maximum of around ten minutes.

NOTICE

Stickers that are placed on the inside of the rear window over the heating wires of the rear window defroster, or objects that rest against the inside of the rear window may damage the rear window defroster.

- Do not affix any labels over the heating wires of the rear window defroster.
- Do not load the luggage compartment to a height where objects rest against the rear window.

In order to save fuel, switch off the rear window defroster as soon as possible.

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The cooling mode A/C or heating cannot be switched on or the function is limited

The A/C cooling mode only works when the engine is running and at ambient temperatures above +3 °C (+38 °F).

The heating and defrost function operates better when the engine is warm.

If the engine is very hot or if the outside temperature is extremely high, the function of the cooling mode A/C, the heating and the defrost may be restricted.

— Switch on the fan.

— Check the safeguard on the air conditioning system .

— Change active combination filters .

— If the malfunction persists, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

NOTICE

If the air conditioner is not working and is operated further, that can cause subsequent damage.

- If the air conditioner is not cooling or warming the air, switch it off immediately.
- Have the air conditioner checked by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

The windows are fogged up

The door windows fog up if they are colder than the ambient temperature and the air is damp. Cold air does not absorb as much moisture as warm air which is why windows fog up more frequently during cold seasons.

1. To improve the heating and cooling output, keep the air intake in front of the windshield free of ice, snow, and leaves *(→ Vehicle care)*.
2. Leave the air duct in the rear section of the luggage compartment uncovered so that air can flow through the vehicle from front to back.
3. Switch on the defrost function *(→ Defrost function)*.

The temperature unit has changed

You can change the temperature units for all temperature displays in the vehicle using the Infotainment system.

1. Open the Settings menu.
2. Select the Units menu item.

Water under the vehicle

In the case of high outside humidity and temperatures, condensation can drip from the air conditioning system evaporator and pool under the vehicle. This is normal and does not mean there is a leak in the system.

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Steering information

To make it more difficult to steal the vehicle, the steering must always be locked before leaving the vehicle.

Steering

Power steering on an electromechanical steering system adjusts automatically based on the driving speed, the steering torque, and the steering angle of the wheels. Electromechanical power steering works only when the engine is running. The steering also works if the start-stop system engages and the engine switches off.

If the power steering system is impaired or malfunctioning, a significantly greater amount of force than normal must be used to steer.

On vehicles with Driving Mode Selection, power steering handling can be influenced by the selected driving mode.

Electronic steering lock on vehicles with a starter button

On vehicles with a starter button, the steering column is electronically locked:

1. Stop the vehicle.
2. Depending on the vehicle equipment: move the selector lever into the P position.
3. Switch the ignition off and then open the driver's door. The steering column will be locked.

If the steering column does not lock, first open the driver's door and then switch the ignition off. As long as the vehicle is unlocked, the steering column also stays unlocked.

Mechanical steering lock

On vehicles with an ignition lock, the steering column is locked mechanically:

Locking the steering column:

1. Stop the vehicle.
2. Depending on the vehicle equipment: move the selector lever into the P position.
3. Remove the vehicle key.
4. Turn the steering wheel slightly, until you hear the steering lock engage.

Unlocking the steering column:

1. To release the steering lock, turn the steering wheel slightly.
2. Insert the vehicle key in the ignition lock.
3. Hold the steering wheel in position and switch on the ignition.

Progressive steering

Depending on the vehicle's equipment, the progressive steering can adapt the force of the steering movement to the driving situation. Progressive steering only works when the engine is running.

In city traffic, less steering movement is needed for parking, maneuvering or for taking sharp bends.

On highways or on expressways, progressive steering gives a sportier, direct steering experience and noticeable dynamics when driving along curved stretches, for instance.

WARNING

Depending on the equipment, power steering may only work when the engine is running. If the power steering is

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not functioning, the steering wheel becomes stiff, making it much more difficult to steer. This can result in loss of control of the vehicle, accidents, serious injuries or death.

- Never let the vehicle roll when the engine is stopped.

⚠ WARNING

If the steering lock engages, you can no longer steer the vehicle. This can result in loss of control of the vehicle, accidents, serious injuries or death.

- Never remove the remote vehicle key from the ignition switch when the vehicle is in motion.

Troubleshooting

Steering malfunction

The red warning light turns on or flashes.

There is an electromechanical steering or electronic steering lock malfunction.

Do not continue driving!

1. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

— If the red warning light turns on, it may be difficult to move the steering wheel because the electromechanical steering system is malfunctioning.

Steering malfunction

The yellow indicator light turns on or flashes.

The steering is stiffer or more sensitive than usual.

The indicator light comes on permanently:

1. Restart the engine and drive the vehicle slowly for a short distance.
2. If the indicator light stays on, contact a suitably qualified professional and have the system checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

The indicator light blinks:

1. Turn the steering wheel back and forth slightly.
2. Switch the ignition off and back on.
3. Pay attention to the messages in the instrument cluster display.
4. If the indicator light continues to flash after switching the ignition back on, do not continue driving. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

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Information on the pedals

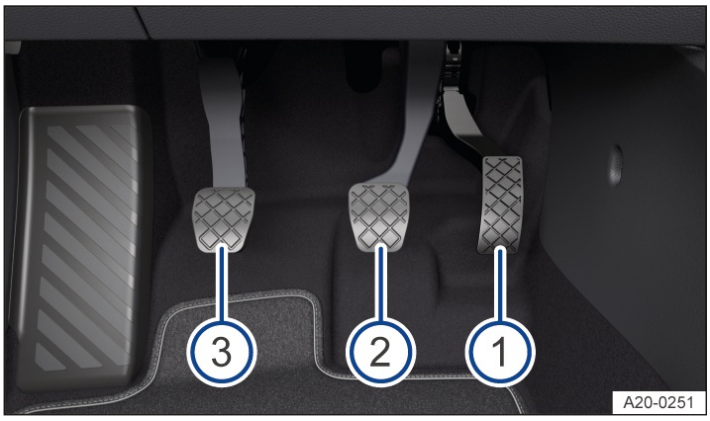


Fig. 1 In the footwell: Pedals in vehicles with a manual gearbox.

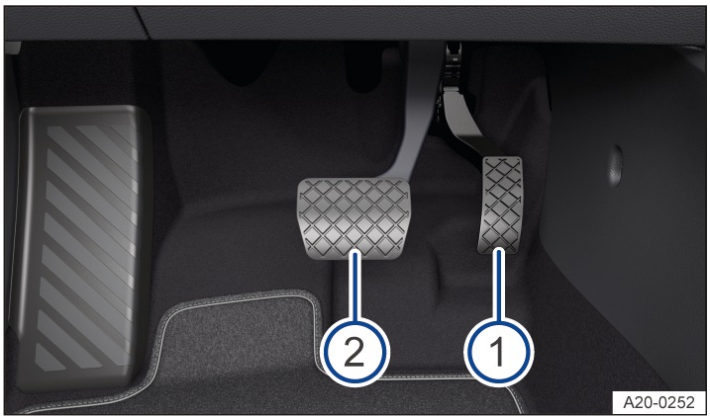


Fig. 2 In the footwell: Pedals in vehicles with an automatic gearbox.

(1) Accelerator pedal.

(2) Brake pedal.

(3) For vehicles with a manual transmission: Clutch pedal.

WARNING

Objects in the driver footwell can prevent the pedals from moving. This can cause the driver to lose control of the vehicle and increases the risk of serious or fatal injuries.

- Make sure all pedals can always be pressed without obstructions.
- Only use suitable floor mats for your vehicle.
- Always attach floor mats securely in the footwell.
- Never place floor mats or other carpet over the installed floor mat.
- Make sure no objects can enter the driver footwell while driving.
- Remove any objects from the footwell when the vehicle is parked.
- Wear shoes that give your feet good grip for operating the pedals.

WARNING

If a brake circuit is malfunctioning, the brake pedal may need to travel farther in order to stop the vehicle. A longer braking distance could cause accidents and serious or fatal injuries.

- Press the brake pedal down farther if braking power is reduced.

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Information on the brakes

Breaking in brake pads

During the first approx. 200 to 300 km(approx. 100 to 200 miles), new brake pads do not yet have their full braking efficiency and first need to be “worn in” →⚠. However, you can compensate for the slightly reduced braking force by pressing firmly on the brake pedal. During the break-in period, the braking distance during full braking or automatic braking is longer than with brake pads that have been broken in. During the break-in period, avoid full braking and situations that place a heavy load on the brakes, such as driving too close to the vehicle ahead.

Brake pad wear

Brake pad wear depends on driving conditions and style. When driving frequently in cities and on curves or with a sporty driving style, have your brake pads checked frequently by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

External influences on the brake

When driving with wet brakes, for example after driving through water, in heavy rain, or after washing your vehicle, the braking efficiency can be reduced by moisture or ice on the brake discs. You must “dry” the brakes as soon as possible by braking carefully at high speeds. Make sure there is no vehicle behind you and that you do not endanger anyone else on the road →⚠.

A coating of salt on the brake discs and brake pads reduces the braking efficiency and increases the braking distance. If you do not apply the brakes for long periods of time on salt-covered roads, you must brake carefully to clean off the layer of salt →⚠.

Leaving the vehicle parked for long periods of time, low mileage, and avoiding heavy braking can contribute to corrosion on the brake rotors and dirty brake pads. If you usually avoid heavy braking or if there is corrosion present, occasional heavy braking at high speeds is recommended to clean the brake rotors and pads. Ensure that you do not endanger any other vehicles or anyone else on the road →⚠.

⚠ WARNING

Driving with worn brake pads or a malfunctioning brake system can lead to a loss of control of the vehicle, accidents and serious or fatal injuries.

- If you suspect that the brake pads are worn or the brake system is malfunctioning, immediately find a suitably qualified professional and have the brake pads checked and worn brake pads replaced. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

Up to the first approx. 300 km(approx. 200 miles), new brake pads do not yet have their full braking efficiency and first need to be "worn in". Insufficient braking efficiency can increase the risk of accidents. This can cause serious or even fatal injuries.

- Increase the pressure on the brake pedal if reduced braking efficiency can be felt.
- To reduce the risk of accidents, serious injuries, and loss of vehicle control, drive with extra caution when the brake pads are new.
- During the break-in period for new brake pads, do not drive too close to other vehicles and avoid driving situations that place a heavy load on the brakes.

⚠ WARNING

Prolonged braking causes the brakes to overheat. This can considerably reduce braking performance, increase braking distance and possibly cause a total brake system malfunction. This can cause a loss of vehicle control, accidents, and serious or fatal injuries.

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- Never let the brakes “rub” too often and too long or press the brake pedal too often and too long.

WARNING

When driving downhill, a lot of force is placed on the brakes and they become hot quickly. Overheated brakes reduces the braking efficiency and increase the braking distance considerably. This can cause a loss of vehicle control, accidents, and serious or fatal injuries.

- Before driving on a long stretch of road with a steep gradient, reduce your speed by shifting down to a lower gear with a manual transmission or in tiptronic mode of the automatic transmission.
- Utilize the engine braking effect to reduce the load on the brakes.
- Before starting a journey, ensure that the air supply to the brakes is not covered, e.g. by aftermarket or damaged front spoilers.

WARNING

Wet, icy, or salt-covered brakes will take longer to brake and increase the braking distance. This can cause a loss of vehicle control, accidents, and serious or fatal injuries.

- Press the brake carefully to check whether the brakes are working correctly.
- Press the brake pedal carefully several times to dry the brakes and clear the ice and salt from them, as long as the visibility, weather, road, and traffic conditions permit.

If you are having the front brake pads checked, the rear brake pads should be checked at the same time. Regularly check the thickness of the brake pads visually by inspecting them through the openings in the wheel rims or from underneath the vehicle. If necessary, remove the wheels so that the brake pads can be inspected. For further information, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Troubleshooting

Brake system malfunction

The red warning light turns on. A message may also be displayed.

1. Do not continue driving! Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility immediately for assistance.

Brake pad wear indicator

The yellow indicator light turns on. Brake pads are worn.

1. Immediately contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility to have the system checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
2. Have all brake pads inspected and replaced, if necessary.

Unusual noises when braking

If there are sustained scraping or squeaking noises when braking, that is a sign of worn brake pads on the front or rear axle.

1. Immediately contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility to have the system checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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2. Have all brake pads inspected and replaced, if necessary.

If the vehicle's braking performance changes

If the brake pads are worn or if you notice that your vehicle does not brake as usual, e.g. the braking distance suddenly increases:

1. Immediately contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility to have the system checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
2. Have all brake pads inspected and replaced, if necessary.

Electronic immobilizer

The immobilizer helps prevent the engine from being started and the vehicle from being moved with an unauthorized vehicle key.

Vehicles with an Ignition Lock

In the remote control vehicle key, there is a chip which automatically deactivates the immobilizer if a valid vehicle key is inserted into the ignition lock.

The electronic immobilizer is activated automatically when the vehicle key is removed from the ignition lock *(→ Ignition switch)*.

Vehicles with a Starter Button

In the remote control vehicle key, there is a chip used to automatically deactivate the electronic immobilizer when there is a valid remote control vehicle key in the vehicle interior.

The electronic immobilizer is automatically engaged as soon as the ignition is switched off *(→ Starter button)*.

You can only start the engine with a suitably coded Volkswagen Original vehicle key. You can obtain coded vehicle keys from an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Remote Control Vehicle Key Positions in the Ignition Switch

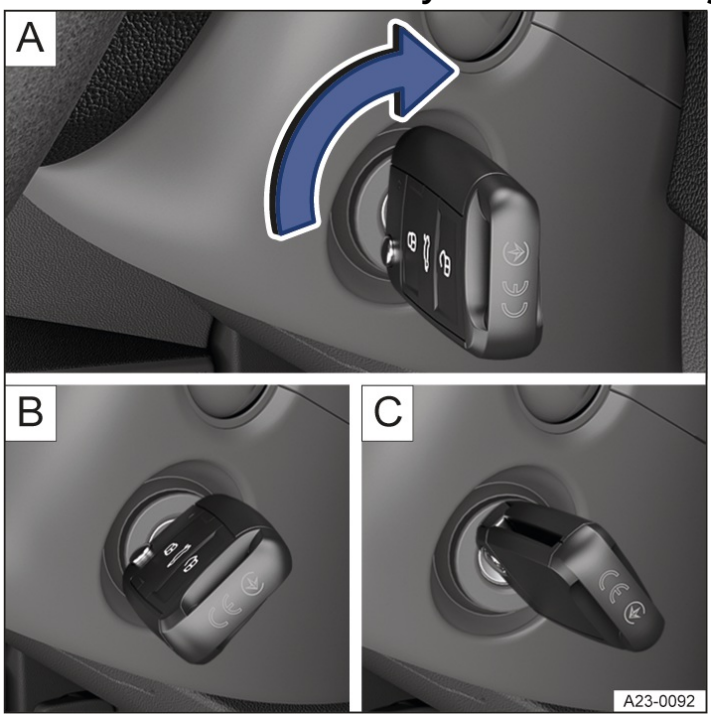


Fig. 1 Next to the steering wheel on the right-hand side: ignition switch.

A

The ignition is switched off. The vehicle key can be removed.

B

The ignition is switched on. The steering lock can be released.

C

Start the engine *(→ Starting the engine)*. The vehicle key returns to the position B once it is released.

When a vehicle key is not in the ignition lock, the steering lock can be activated.

Warning when the ignition is switched on

When the ignition is switched on and the driver door is opened, a warning will appear in the instrument cluster display. An audible warning may also sound.

The warning reminds you to switch off the ignition before leaving the vehicle.

The vehicle being stationary for long periods with the ignition switched on can cause the 12 V vehicle battery to drain and then it will not be possible to start the engine.

WARNING

If you leave vehicle keys unattended in the vehicle, children or unauthorized people could lock the doors and/or the trunk lid, start the engine, or switch on the ignition and thereby activate electrical equipment, such as the power windows. This can cause accidents and serious or fatal injuries.

- Always switch off the engine and take all vehicle keys with you when you leave the vehicle.

WARNING

If you leave children, people requiring assistance or animals unattended in the vehicle, they may accidentally set the

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vehicle in motion or be subjected to very high or low temperatures. There is a risk of accidents and serious or fatal injuries.

- Never leave children, people requiring assistance or animals unattended in the vehicle.

⚠ WARNING

If the vehicle key is removed from the ignition lock while the vehicle is moving, the steering lock may engage and it will not be possible to steer the vehicle. This can cause accidents and serious or fatal injuries.

- Never remove the remote vehicle key from the ignition switch when the vehicle is in motion.
- Always fully extend the key bit of the remote control vehicle key and secure it in this position.
- Only attach light objects weighing up to approx. 100 g(approx. 3.5 oz) to the vehicle key.

If the vehicle key cannot be removed, engage the selector lever position P. Press and release the lock button in the selector lever if necessary.

Starter button

The starter button replaces the ignition lock(Press & Drive).

Vehicles with manual transmission: Start the engine with the starter button and by pressing the clutch pedal.

Vehicles with an automatic transmission: Start the engine with the starter button and by pressing the brake pedal.

The vehicle can only be activated when there is a valid vehicle key inside the vehicle.

Depending on the vehicle equipment, the function readiness is indicated by the starter button blinking.

The electronic steering lock is activated when you leave the vehicle by opening the driver door when the ignition is switched off *(→ Steering)*.

Switching the ignition on or off



Fig. 1 In the lower section of the center console: starter button.

Vehicles with an automatic transmission:

1. Press the starter button once without pressing the brake pedal →⚠.

Vehicles with manual transmission:

1. Press the starter button once without pressing the clutch pedal.

Automatic ignition switch off

If the internal combustion engine has been switched off by the start-stop system and the vehicle recognizes that the driver is absent, the ignition is automatically switched off after a certain amount of time.

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Engine restart function

If no valid remote control vehicle key is detected in the vehicle interior after the engine has been inadvertently switched off, the engine cannot be started within approximately five seconds.

Once this time has elapsed, the vehicle can no longer be started without a valid vehicle key inside the vehicle.

WARNING

If the brake pedal is pressed when switching on the ignition, the engine will start immediately. This can cause unintentional vehicle movement and serious injuries.

- Avoid pressing the brake pedal when switching on the ignition if the engine is not intended to be started.

WARNING

If you leave vehicle keys unattended in the vehicle, children or unauthorized people could lock the doors and/or the trunk lid, start the engine, or switch on the ignition and thereby activate electrical equipment, such as the power windows. This can cause accidents and serious or fatal injuries.

- Always take all vehicle keys with you when leaving the vehicle.

WARNING

If you leave children, people requiring assistance or animals unattended in the vehicle, they may accidentally set the vehicle in motion or be subjected to very high or low temperatures. There is a risk of accidents and serious or fatal injuries.

- Never leave children, people requiring assistance or animals unattended in the vehicle.

Always switch the ignition off manually before leaving the vehicle and note any messages in the instrument cluster display.

The vehicle being stationary for long periods with the ignition switched on can cause the 12 V vehicle battery to drain and then it will not be possible to start the engine.

Start the engine

Start the engine

1. Switch the ignition on.
2. Press and hold the brake pedal until the parking brake has been released.
3. Vehicles with manual transmission: Fully press and hold the clutch pedal until the engine has started. Bring the gearshift lever to the neutral position.

   Vehicles with an automatic transmission: Move the selector lever to the N position or engage the P parking lock.
4. Vehicles with ignition lock: Continue turning the vehicle key in the ignition lock. Do not press the accelerator pedal during this process. Release the vehicle key once the engine starts.

   Vehicles with starter button: Press and hold the starter button *(→ Starter button)*. Do not press the accelerator pedal during this process. For the engine to start, a valid vehicle key must be inside the vehicle and the brake must be pressed. Release the starter button once the engine starts.
5. If the engine does not start, stop the starting procedure and try again after approximately one minute.
6. Vehicles with starter button: If the vehicle was locked with the vehicle key, the starter button will be deactivated. If you are in the vehicle and you need to start the engine, first unlock the vehicle or perform an emergency start.
7. Release the parking brake when you are ready to drive off.

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WARNING

Starting the engine in unventilated or enclosed spaces may cause poisonous gases to enter the vehicle interior. This can cause serious injuries and death due to asphyxiation.

- Never start the engine or let it run in unventilated or enclosed spaces, such as in garages.

WARNING

Hot vehicle parts and exhaust can ignite flammable or explosive materials in the vicinity. This can lead to fires and cause accidents and serious or fatal injuries.

- Never start the engine or leave the engine running if oil, fuel or other flammable operating equipment is in the vicinity of the vehicle or is escaping from the vehicle.
- Do not use any start boosters.

WARNING

An unattended vehicle which is ready to drive may cause accidents and severe injuries.

- Never leave the vehicle unattended when the engine is running, especially if a gear is engaged.

NOTICE

Incorrect handling of the vehicle can increase wear to components, such as the starter, or cause damage.

- If the engine does not start, e.g. the fuel tank is empty, never use the starter with a gear engaged to drive or to attempt a tow-start.
- If necessary, refill with fuel as per or use jump-start.
- If the engine does not start, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

NOTICE

Incorrect handling of the vehicle can increase wear to components, such as the engine, or cause damage.

- Avoid restarting the engine while driving or directly after turning off the engine.
- Avoid high engine speeds, harsh acceleration and heavy engine loads when the engine is cold.
- Be aware that at high altitudes, the air density is lower, which can make it more difficult to start the engine.

NOTICE

Uncombusted fuel can damage the catalytic converter.

- Do not tow-start or push-start the vehicle.

Do not let the engine run to warm up while the vehicle is parked. Begin driving as soon as there is enough visibility through the windows. This allows the engine to reach its operating temperature sooner and reduces the emissions.

Electrical equipment with an increased power draw is temporarily switched off when the engine is started.

If there is no vehicle key in the vehicle or the key is not detected, a message will appear in the instrument cluster display. This can occur if another signal interferes with the remote control vehicle key or if the remote control vehicle key is covered by an object, such as a metal case.

If the vehicle key button cell battery is low or drained, the engine cannot be started with the starter button. Perform an emergency start.

After starting, operating noises may be temporarily higher than usual while the engine is cold. This is normal and not a cause for concern.

Troubleshooting

EPC Engine control malfunction

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The yellow indicator light turns on.

Engine control is malfunctioning.

1. Pay attention to any text shown in the Volkswagen Digital Cockpit display.
2. Have the engine checked immediately by a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

EPC Engine control malfunction

The indicator light comes on in the Volkswagen Digital Cockpit.

The yellow indicator light turns on.

The driving performance of the vehicle is limited.

The driving performance has been limited to prevent the engine control components from overheating.

— A corresponding indicator may appear in the instrument cluster display.

— It is possible to continue driving with reduced driving performance.

The driving performance limitation is removed in the following scenarios:

— The engine control components are no longer within a critical temperature range.

Engine speed limited

The yellow indicator light turns on.

The engine speed has been limited to reduce the risk of the engine overheating.

The instrument cluster display shows the engine speed.

The engine speed limitation is removed in the following scenarios:

— The engine is no longer within a critical temperature range.

— You take your foot off the accelerator pedal.

together with EPC Engine speed limitation due to engine control malfunction

The yellow indicator lights turn on.

The engine speed limitation is triggered by an engine control malfunction.

1. Make sure the displayed RPM is not exceeded.
2. Have the engine checked immediately by a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Valid vehicle key cannot be detected

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Fig. 1 On the right side of the steering column: emergency start function on vehicles with Keyless Access with push-button start.

A corresponding indicator appears in the instrument cluster display.

If the remote control vehicle key has a weak or drained button cell battery, the vehicle key may not be able to be detected.

An emergency start must be performed:

1. Press and hold the brake pedal.
2. Immediately after pressing the starter button, hold the vehicle key on the right side of the steering column trim → *fig. 1* (arrow).

   The ignition will switch on automatically and the engine may start.

The engine cannot be started

If an unauthorized vehicle key is used or the system is malfunctioning, a corresponding indicator appears in the instrument cluster display.

1. Use an authorized vehicle key.
2. If the malfunction persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Or: the engine cannot be started with the vehicle key or by briefly pressing the starter button while depressing the brake pedal or the clutch pedal.

There is a malfunction in the start system:

1. Turn and hold the remote control vehicle key or press the button for as long as needed for the engine to start.
2. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

Stopping the engine

1. Bringing the vehicle to a stop →⚠.
2. Park the vehicle.
3. Vehicles with ignition lock: Switch the ignition off.
4. Vehicles with starter button: Press the starter button briefly. If the engine cannot be turned off, use the emergency stop function.

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5. Pay attention to the messages in the instrument cluster.

Exit warning

Vehicles with an automatic transmission: If the selector lever is not in position P and the driver door is opened, an audible warning signal sounds and a corresponding warning message appears on the instrument cluster display. This is to warn you that the vehicle could roll away.

WARNING

When the engine is switched off, certain vehicle systems do not work or only work in a limited way, such as the brake booster or power steering. As a result, you must use more force for steering and you must apply more pressure on the brake pedal to stop. When the vehicle is moving, this can result in loss of control of the vehicle, accidents and serious or fatal injuries.

- Never switch off the engine while the vehicle is in motion.

WARNING

When the engine is switched off, the airbags and safety belt pretensioners will not function. This can cause serious or fatal injuries in the event of accidents.

- Never switch off the engine while the vehicle is in motion.

WARNING

Vehicles with ignition lock: If the vehicle key is removed, the steering lock may engage and it will not be possible to steer the vehicle. That can result in loss of control of the vehicle, accidents and serious or fatal injuries.

- Never remove the remote vehicle key from the ignition switch when the vehicle is in motion.

WARNING

Vehicles with starter button: If the ignition is switched off, the steering lock can engage and you would no longer be able to steer the vehicle. When the vehicle is moving, this can result in loss of control of the vehicle, accidents and serious or fatal injuries.

- Never switch off the ignition when the vehicle is in motion.

WARNING

The parts of the exhaust system become very hot and can ignite flammable materials, for example shrubs, leaves, dry grass or spilled fuel. This can lead to a fire and cause accidents and serious or fatal injuries.

- Never park the vehicle in such a way so that the exhaust system components come into contact with flammable materials under the vehicle.
- Never use additional undercoating or corrosion protection for exhaust pipes, catalytic converters, heat shields, or particulate filters.

NOTICE

The engine can overheat after turning it off if the vehicle is driven with a high engine load for a long period of time.

- Let the engine run in neutral for approximately two minutes before turning it off.

In vehicles with an automatic transmission, you can only remove the vehicle key from the ignition lock when the selector lever is in the P selector lever position.

After the engine has been switched off, the radiator fan in the hood space can keep running for a few more minutes. The radiator fan turns off automatically.

Troubleshooting

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The engine cannot be turned off

The engine cannot be turned off when the starter button is pressed briefly.

An emergency stop must be performed:

1. Press the starter button twice within several seconds or press and hold one time.

   The engine switches off automatically *(→ Starter button)*.

The vehicle key cannot be removed from the ignition lock

An unauthorized vehicle key was inserted into the ignition lock.

Remove the vehicle key as follows:

Vehicles with an automatic transmission::

1. Press and release the lock button in the selector lever.
2. Remove the vehicle key from the ignition lock.

Vehicles with manual transmission::

1. Remove the vehicle key from the ignition lock.

Start-stop system

Function description

The start-stop system automatically switches the engine off shortly before and when the vehicle comes to a halt and when stationary.

For vehicles with a manual transmission, the engine will only switch off if no gear is engaged during rolling or when the vehicle is stationary and the clutch pedal is not pressed.

The engine always restarts automatically when required for the vehicle and the identified situation.

The function is automatically activated every time the ignition is switched on.

Indicator lights

Information about the current status is shown in the instrument cluster display.

When indicator light Ⓐ comes on, the start-stop system is available and the automatic engine stop is active.

If the Ⓐ indicator light is lit, the start-stop system is not available or the start-stop system has automatically started the engine.

Conditions for Automatically Restarting the Engine

— Vehicles with an automatic transmission: If you take your foot off the brake pedal or you press the accelerator pedal.
— Vehicles with manual transmission: if the clutch is operated.
— If the vehicle interior heats up or cools down significantly.
— If the vehicle starts to move.
— If the electrical voltage in the 12-volt vehicle battery falls.
— If the steering wheel is moved.

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Conditions that Can Prevent Automatic Engine Shutdown

— The driver is not wearing their safety belt.

— The driver door is opened.

— The engine hood is open.

— A minimum engine temperature has not been reached.

— Vehicles with Climatronic: The temperature in the vehicle interior is not within the preset temperature values or the humidity is too high.

— The air conditioner's defrost function is switched on.

— The charge level of the 12 V vehicle battery is insufficient.

— The temperature of the 12 V vehicle battery is too low or too high.

— The vehicle is on a large uphill or downhill gradient.

— The steering wheel is significantly turned.

— The reverse gear is engaged.

— Park Assist is activated.

If the conditions for automatic engine switch-off are only achieved during a stationary phase, then the engine may also switch off at this point, e.g. if the defrost function is switched off.

Manually deactivating and activating the start-stop system

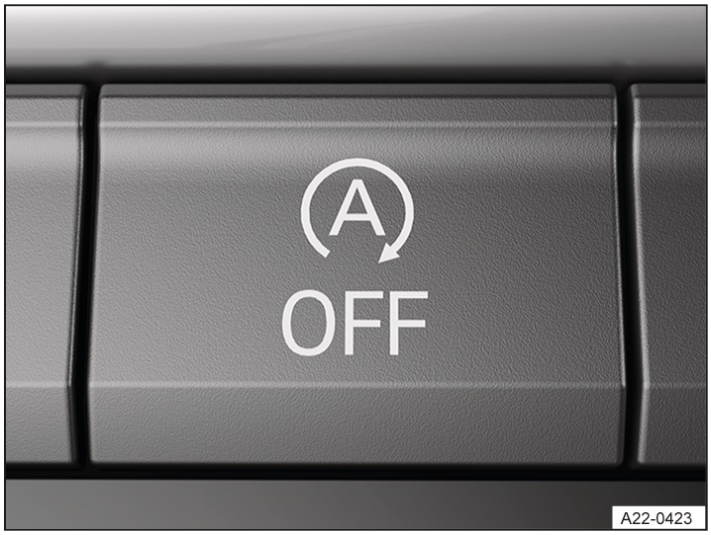


Fig. 1 In the upper section of the center console: Button for the start-stop system.

Manually deactivating the start-stop system:

1. Press the (A OFF) button in the center console. When the start-stop system is deactivated, the indicator light on the button comes on → *fig. 1*.

Always manually deactivate the start-stop system when driving through water.

Manually activating the start-stop system:

1. Press the (A OFF) button in the center console again → *fig. 1*.

Each time you press the (A OFF) button, the instrument cluster display will show the status of the start-stop system.

If the start-stop system has switched the engine off, it restarts as soon as the system is deactivated by pressing the (A OFF) button.

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In some cases, you may need to restart the engine manually, e.g. if the hood or the driver door is opened. Pay attention to the relevant message on the instrument cluster display →.

Start/stop mode with Adaptive Cruise Control (ACC)

After an active brake intervention by the Adaptive Cruise Control (ACC), the engine is switched off until the vehicle is stationary.

In the following cases, if the ACC is active, the engine is restarted:

— If you press the accelerator pedal.

— If ACC has resumed the speed and distance control.

— The vehicle in front has moved on.

The engine is restarted if the Adaptive Cruise Control (ACC) is deactivated and the vehicle in front has moved on.

For case of vehicles with Driving Mode Selection, the start-stop system is automatically activated if the Eco driving mode is selected.

WARNING

If the start-stop system is activated during work in the hood space, the engine may start suddenly. This can cause accidents and serious injuries.

- Always deactivate the start-stop system when working in the hood space.

WARNING

When the engine is switched off, certain vehicle systems do not work or only work in a limited way, such as the brake booster or power steering. As a result, you must use more force for steering and you must apply more pressure on the brake pedal to stop. When the vehicle is moving, this can result in loss of control of the vehicle, accidents and serious or fatal injuries.

- Never switch off the engine while the vehicle is in motion.

WARNING

When the engine is switched off, the airbags and safety belt pretensioners will not function. This can cause serious or fatal injuries in the event of accidents.

- Never switch off the engine while the vehicle is in motion.

WARNING

If the ignition is switched off, the steering lock can engage and you would no longer be able to steer the vehicle. When the vehicle is moving, this can result in loss of control of the vehicle, accidents, and serious or fatal injuries.

- Never switch off the ignition when the vehicle is in motion.

NOTICE

If the start-stop system is used for a very long period of time at very high outside temperatures, this can damage the 12-volt vehicle battery.

- Avoid using the start-stop system at very high outside temperatures.

Troubleshooting

The engine does not start automatically

1. Start the engine manually (→ *Starting the engine*)

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1. Start the engine manually *(→ Starting the engine)*.
2. Manually deactivate the start-stop system *(→ Start-stop system)*.
3. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility to have the system inspected. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Gearshift Lever

The positions of the individual gears are depicted on the gear lever.

Selecting a gear

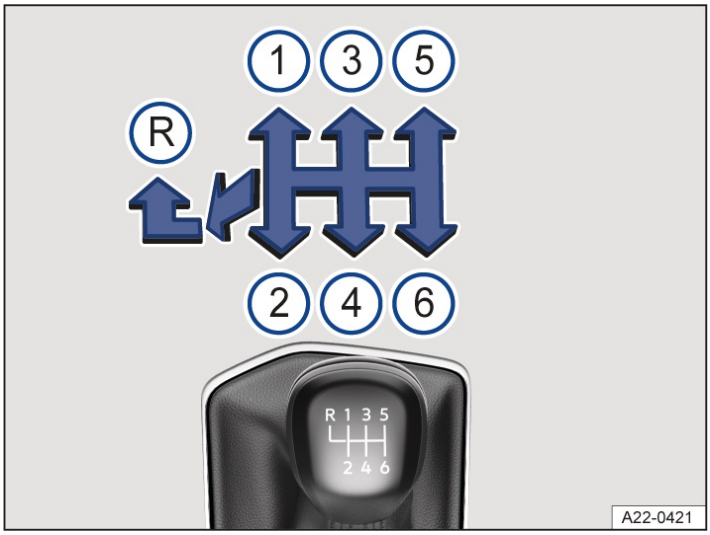


Fig. 1 Gear shift pattern for 6-speed manual transmission. Your vehicle may be equipped with a 5-speed manual transmission.

Engaging forward gear

1. Fully depress the clutch pedal and hold.
2. Move the gearshift lever into the preferred position *→ fig. 1* (1).
3. Release the clutch pedal to engage the clutch.

In some countries the clutch pedal must be fully depressed to start the engine.

Engaging reverse gear

1. Fully depress the clutch pedal and hold.
2. Move the gearshift lever to the neutral position and push it down.
3. Push the gearshift lever all the way to the left and then forward into the reverse gear position *→ fig. 1* (R).
4. Release the clutch pedal to engage the clutch.

Only select reverse gear when the vehicle is stationary.

Downshifting

You should always downshift gear-by-gear when driving, i.e. into the next gear down, and at engine speeds that are not too high. At high speeds or engine speeds, skipping a gear or several gears when downshifting can result in damage to the clutch or transmission, even if the clutch is not engaged when doing so.

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WARNING

Incorrectly downshifting into gears that are too low can result in loss of vehicle control as well as accidents and serious or fatal injuries.

- Always select an appropriate gear for the relevant driving situation.

WARNING

Fast acceleration or switching off the ASR

can cause traction loss and sliding on slippery roads, such as on wet, icy or dirty roads. This could cause loss of vehicle control, accidents and serious or fatal injuries.

- Only accelerate quickly when the visibility, weather, road, and traffic conditions allow it, and when other road users will not be endangered by the vehicle's acceleration and driving style.
- Always adapt your driving style to the flow of traffic.

WARNING

As soon as a gear is engaged and the clutch pedal has been released, the vehicle immediately begins to move when the engine is running. This is the case even when the handbrake is engaged. Unintentional vehicle movement may cause accidents and serious injuries.

- Never engage reverse gear when the vehicle is in motion.

NOTICE

If the gearshift lever is shifted to a gear that is too low at high speeds or high engine speeds or if the clutch pedal remains pressed and is not engaged, significant damage to the clutch and transmission can result.

- Always select an appropriate gear for the relevant driving situation.
- Avoid pressing the clutch unnecessarily and for too long.

NOTICE

If the manual transmission is not used properly, this may cause damage or premature wear.

- Do not rest your hand on the gearshift lever while driving. The pressure from your hand is transmitted to the selector forks in the transmission.
- Ensure that the vehicle is completely stationary before engaging reverse gear.
- Always fully depress the clutch pedal when shifting gears.
- Do not hold your vehicle stationary on inclines by “slipping” the clutch while the engine is running.

Early upshifting helps to save fuel and reduces operating noise.

Troubleshooting

Clutch “slips”

The yellow indicator light turns on.

The clutch does not transmit the full engine torque.

1. Take foot from clutch pedal if required.

Clutch overheats

The yellow indicator light comes on, an audible warning may sound, and additional warning lights and a message may be shown on the instrument cluster display.

The clutch may, for example, overheat upon frequent starting.

1. Stop at the next opportunity.

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2. Disengage the transmission.
3. Apply the parking brake.
4. Allow the transmission to cool down with the engine running.
5. If the indicator light does not disappear, do not continue driving, and contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

   Otherwise, the transmission could become severely damaged.

Faulty clutch

The yellow indicator light turns on.

The clutch is faulty.

1. Drive on carefully.
2. Immediately contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility to have the system checked. Otherwise the clutch may become severely damaged. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Selector lever

When the ignition is switched on, the engaged selector lever position is shown in the instrument cluster display.

Selecting a selector lever position



Fig. 1 In the center console: selector lever for the DSG automated transmission (general example).

To change into gear from neutral position **N**, proceed as follows:

1. Start the engine.
2. Press the brake pedal.
3. Push the selector lever into the desired selector lever position → *fig. 1*.

Description of the selector lever positions

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P The drive gears are locked. Only select this gear when the vehicle is stationary.

To move the selector lever out of this position when the ignition is switched on, press the brake pedal and press the lock button on the selector lever.

R Reverse gear is selected. Only select this gear when the vehicle is stationary.

N The transmission is in the neutral setting. No power is transferred to the wheels and the engine braking effect is not available.

D/S **D** gear: normal program.

The transmission upshifts and downshifts automatically when in the forward driving gears. The shifting time depends on the engine load, the personal driving style, and the driving speed.

S gear: sport program.

The forward gears automatically upshift later and downshift earlier than in **D** gear in order to fully utilize the engine power reserves. The shifting time depends on the engine load, the personal driving style, and the driving speed.

To switch between gears **D** and **S**, tap the selector lever toward the rear ▽.

The selector lever will always spring back to the selector lever position **D/S**. This also applies when in the tiptronic shift gate *(→ tiptronic)*.

Selector lever lock

The selector lever lock prevents you from selecting a gear accidentally when in the **P** or **N** position, causing the vehicle to roll.

To release the selector lever lock, switch the ignition on and press the brake pedal. Then press the lock button on the selector lever handle → *fig. 1* (arrow).

When skipping past the **N** position, for example by switching from reverse gear to **D/S**, the selector lever is not locked. This makes it possible to free the vehicle when it is stuck by "rocking" it. If the lever remains in the **N** position for more than approx. 1 second when the vehicle is traveling at a speed lower than approx. 5 km/h (approx. 3 mph) and the brake pedal has not been pressed, the selector lever lock will engage →⚠.

⚠ WARNING

If the brake pedal is released while the engine is running and gear **D/S** or **R** is engaged, the vehicle will start moving. This can cause unintentional vehicle movement and accidents and serious injuries.

- When the engine is running and the **D/S** or **R** gear is engaged, hold the vehicle with the brake pedal.
- As the driver, never leave the driver seat when the engine is running and a gear is engaged.
- Always apply the parking brake firmly and move the selector lever to the **P** position if you have to leave the vehicle while the engine is running.

⚠ WARNING

Engaging the incorrect gear can cause you to lose control of the vehicle, which could lead to accidents and serious injuries.

- Never press the accelerator pedal while engaging a gear.
- Never shift into reverse gear **R** or engage the parking lock **P** while the vehicle is moving.

⚠ WARNING

If the vehicle is left in selector lever position **N** on inclines, the vehicle will roll downhill even if the engine is switched on. This can cause accidents and serious injuries.

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● Never leave the vehicle in selector lever position N.

NOTICE

If the handbrake is not applied when the vehicle is stationary and the brake pedal is released when the parking brake P is engaged, the vehicle may move forward or backward a few centimeters. This can cause damage to the vehicle.

● Always engage the parking brake first before releasing the brake pedal.

If you accidentally switch to N while driving, you should take your foot off the accelerator pedal and wait for the engine to idle in neutral position. Only then should you shift into a gear.

If the selector lever is left for a long period of time in any position other than in the parking lock P when the engine is switched off, the 12 V vehicle battery will drain.

Shifting using tiptronic

The tiptronic mode allows you to shift gears manually on an automatic transmission.

When shifting in the tiptronic program, the gear currently engaged is maintained. This applies until the system shifts gears automatically due to the current driving situation.

Using tiptronic with the selector lever

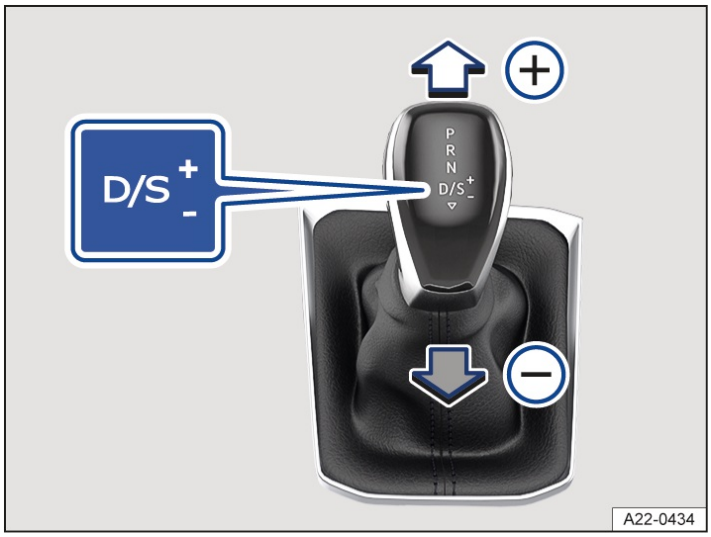


Fig. 1 In the center console: selector lever in the tiptronic position.

1. Push the selector lever to the right out of the D/S selector lever position and into the tiptronic shift gate.
2. Tap the selector lever forward (+) or to the rear (−) to upshift or downshift → *fig. 1*.

The lock button on the selector lever must not be pressed when tapping the selector lever within the tiptronic shift gate.

Operating Tiptronic with the shift paddles

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Fig. 2 Behind the steering wheel: shift paddles for the tiptronic.

1. To shift up a gear, pull the right-hand shift paddle toward the steering wheel→ *fig. 2*.
2. To shift down a gear, pull the left-hand shift paddle toward the steering wheel.
3. Pull the right shift paddle toward the steering wheel for about a second to leave the tiptronic program.

The tiptronic program ends automatically if you do not operate the shift paddles for some time and the selector lever is not in the tiptronic position.

When accelerating, the transmission automatically upshifts to the next gear shortly before the maximum permissible engine RPM is reached.

When downshifting manually, the transmission only shifts if it is no longer possible to over-rev the engine.

Driving with an automatic transmission

The transmission shifts up and down automatically when in the forward driving gears.

Driving on an incline

The steeper the incline, the lower the gear that you should select. Lower gears increase the engine braking effect. Never let the vehicle roll down mountains or hills in the N neutral setting.

1. Reduce your speed.
2. Push the selector lever to the right out of the D/S selector lever position and into the tiptronic position.
3. Tap the selector lever to the rear to downshift.

   Or: Downshift using the shift paddles on the steering wheel.

Stopping and starting to drive uphill

The steeper the hill, the lower the gear that you should select.

If you stop on a hill with a gear selected, always press the brake pedal or engage the handbrake to prevent the vehicle from rolling away. Only release the brake pedal or parking brake when you are pulling away →.

Coasting with a DSG® automated transmission

When coasting, the vehicle's momentum is used to save fuel with predictive driving. The engine does not slow down the vehicle, so it can roll for a longer period. The function is only available in selector lever position D/S and within a speed range of approx. 40 to 130 km/h (approx. 25 to 80 mph).

Triggering the coasting feature

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1. In the driving mode selection, select the ECO driving mode.
2. Take your foot off the accelerator pedal. The engine is disengaged and in neutral. The vehicle is rolling without any engine braking effect.

Canceling the Coasting Feature

1. Press the brake pedal firmly.

   Or: press the accelerator pedal or brake pedal briefly.

   Or: Pull one of the shift paddles toward the steering wheel.

   Or: push the selector lever into the tiptronic position.

   Or: change driving modes from ECO.

Kick-down

The kick-down function makes maximum acceleration possible in selector lever position D/S or in the tiptronic position.

When you press the accelerator pedal all the way down, the automatic transmission downshifts into a lower gear, depending on the vehicle speed and engine speed. This utilizes the full acceleration power of the vehicle.

With the kick-down function, the automatic upshift to the next gear only occurs if the maximum predefined engine RPM is reached.

For vehicles with Driving Mode Selection, if the ECO driving mode is selected and the accelerator pedal is fully pressed past the pressure point, the engine power is controlled automatically so that the vehicle achieves maximum acceleration.

WARNING

Fast acceleration or switching off the ASR

can cause traction loss and sliding. This could cause loss of vehicle control, accidents, and serious or fatal injuries, especially on slippery roads, such as on wet, icy or dirty roads.

- Always adapt your driving style to the flow of traffic.
- Only use the kick-down function or accelerate quickly when the visibility, weather, road, and traffic conditions allow it, and when other road users will not be endangered by the vehicle's acceleration and driving style.
- Switch the ASR

  back on after acceleration.
  ●

WARNING

Prolonged braking causes the brakes to overheat. This can considerably reduce braking performance, considerably increase braking distance and possibly lead to a total brake system malfunction. Accidents and serious or fatal injuries could result.

- Never let the brakes “rub” too often and too long or press the brake pedal too often and too long.

NOTICE

If the vehicle rolls with the engine switched off, the transmission is not lubricated. This can cause the DSG® automated transmission to overheat and become damaged.

- If you stop on inclines when a gear is engaged, use the brakes and not the accelerator pedal to hold the vehicle.
- Never let the vehicle roll in the N selector lever position, especially when the engine is stopped.

NOTICE

If the brake pads “rub” when the brake pedal is pressed lightly, wear is increased.

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- Never let the brakes “rub” by pressing the pedal lightly when braking is not really necessary.

Troubleshooting

Transmission overheating

The red warning light turns on.

An audible warning may also sound. Where applicable, a message will appear in the instrument cluster display.

The DSG® automated transmission can become too hot, for example due to frequently starting up on slopes.

Do not continue driving!

1. Let the transmission cool down with the parking lock engaged and the engine running →.
2. If the warning light stays on, stop driving.
3. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance. Otherwise, the transmission could become severely damaged.

The engine is not starting

The green indicator light turns on.

The brake pedal was not pressed, for example when trying to shift to another gear using the selector lever.

1. Press the brake pedal to select a gear.

Driving is restricted by the lock button

The green indicator light blinks.

The lock button in the selector lever is not engaged.

1. Check if the lock button is locked.
2. Lock the lock button into place if necessary.

Driving is restricted by the selector lever lock

The green indicator light blinks. A message is also displayed.

In rare cases, the Automatic Shift Lock(ASL) may not lock in vehicles with aDSG® automated transmission.

The engine will then be disabled to prevent the vehicle from going into motion unintentionally.

1. Press and release the brake pedal again.

Selector lever lock emergency release

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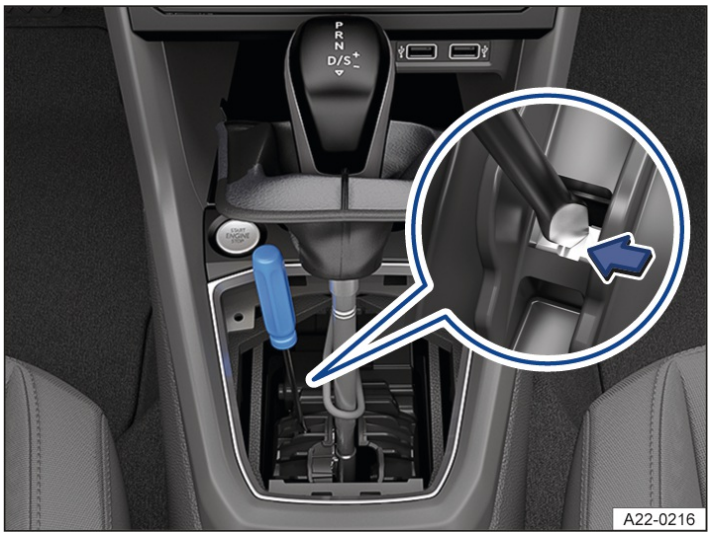


Fig. 1 In the center console: manually release the Automatic Shift Lock (ASL).

If there is a loss of power, for example due to the 12 V vehicle battery being drained, and the vehicle should be towed, then the selector lever lock must be released manually. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

The emergency release is located under the shift gate cover.

Remove the cover on the shift gate:

1. Set the parking brake. If you cannot firmly apply the handbrake, the vehicle must be secured another way to prevent it from rolling.
2. Switch the ignition off.
3. Pull the cover near the selector lever boot upward carefully with the wires connected.
4. Fold the cover upward over the selector lever.

Manually release the selector lever lock → ⚠:

1. Using the flat blade of a screwdriver, carefully push the release lever in the direction of the arrow (magnifying glass) and hold it in this position → *fig. 1*.
2. Press the lock button forward into the selector lever handle and move the selector lever to the N position.
3. After releasing the cover manually, carefully press into the center console while making sure the wires are in the correct position.

Emergency program

If all of the selector lever position displays have a gray background on the instrument cluster display, this means there is a system malfunction. The DSG

® automated transmission runs in emergency mode. The vehicle can still be driven in emergency mode, but only at a reduced speed and not in all gears.

With the DSG

® automated transmission, it may no longer be possible to drive in reverse gear in some cases.

In all cases, have the DSG

® automated transmission checked immediately by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Vehicle is not moving even when a drive gear is engaged

If the vehicle does not move in the desired direction, the system may not have engaged the drive position correctly.

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1. Press the brake pedal and select the drive position again.
2. If the vehicle still does not move in the desired direction, there is a system malfunction. See an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance to have the system checked.

WARNING

If the parking lock P is released and the parking brake is released, the vehicle may start to move unexpectedly on inclines or hills. This can cause accidents and serious injuries.

- Never release the parking lock P while the parking brake is released.

NOTICE

If the vehicle rolls with the engine off and the selector lever in position N for a long period of time or at high speed, the DSG ® automated transmission will be damaged.

- Do not allow the vehicle to roll for a long period of time or at high speed with the engine off and in the N gear, e.g. in the case of towing.

NOTICE

If the transmission gets too hot or overheats, this may lead to increased wear or damage to the component.

- Avoid starting the vehicle and driving slowly, like at walking speed, while the transmission is overheated.
- Drive faster than approx. 20 km/h(approx. 12 mph) or immediately stop the vehicle safely the first time the vehicle indicates that the transmission is overheating.
- Stop the vehicle safely as soon as possible and switch off the engine if the message and audible warning are repeating approximately every 10 seconds.
- Let the transmission cool down.
- Only start driving again when the audible warning is no longer sounding.

Hill start assist

Hill start assist helps when starting to drive uphill by actively holding the vehicle in place.

Functional requirements

The following requirements must be met at the same time:

— The vehicle must be stationary and held with the brake pedal until you start driving.

— The engine must be running “evenly”.

— A gear or a position is engaged for driving uphill.

To start driving, take your foot off the brake pedal and press the accelerator pedal immediately. The brakes will release gradually as you start driving.

The holding function of the Hill Start Assist remains active only for a short time. Drive off within approx. two seconds.

When is it active?

Hill Start Assist is immediately deactivated if one of the conditions specified below in is no longer met:

— The driver’s door is opened.

— If the engine is running “unevenly” or in the event of an engine fault.

— The engine is switched off or it stalls.

— The selector lever is in the neutral position N.

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CAUTION

If you do not pull away immediately after releasing the brake pedal, the vehicle may roll backward under certain circumstances. This can cause injuries or damage to objects.

- In this case, immediately operate the brake pedal or apply the parking brake.
- Press the brake pedal for a few seconds before you start to drive if you are driving on an incline in heavy traffic and you would like to prevent the vehicle from rolling backwards when starting to drive.

Introduction

Via the driving modes, the driver can adapt various properties of vehicle systems to the current driving situation, the desired driving comfort, and for an economic driving style. The suspension, steering, drive, and the air conditioner are some of the vehicle systems that can be adjusted.

Different driving modes are available depending on the vehicle equipment. The influence of vehicle systems on the individual driving modes depends on the vehicle equipment.

Some settings can be saved in the driver personalization user profiles and will change when the user profile is switched.

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Selecting the driving mode

The driving mode can be selected when the ignition is switched on and the vehicle is stationary or while driving.

If you select a driving mode while driving, the vehicle systems, except for Drive, will be switched over to the new driving mode immediately.

1. When the traffic situation allows it, briefly take your foot off the accelerator pedal to enable the newly selected driving mode to be applied to the Drive vehicle system as well.

Selecting a driving mode via the MODE button



Fig. 1 In the center armrest: Diving Mode Selection MODE button.

1. Press MODE → *fig. 1*.
2. To select driving modes, press MODE again or tap the desired driving mode in the Infotainment system.

If the Normal driving mode is selected, the LED in the MODE button will remain switched off, depending on the version.

Displaying information about the driving mode

1. To display additional information about the selected driving mode, tap i in the Infotainment system.

Selecting the Custom driving mode

1. Press MODE.
2. Select Custom in the Infotainment system.
3. To open the Individual menu, tap Adjust.

⚠ WARNING

Adjusting driving modes while driving can distract from traffic. This can cause accidents and serious or fatal injuries.

- Always drive attentively and responsibly.

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Driving mode properties

The Eco driving mode switches the vehicle to fuel-efficient operation and supports the driver with an fuel-saving driving style. The transmission automatically shifts to E in the Eco driving mode.

The Normal driving mode shows the basic settings of the vehicle systems and offers a balanced calibration, for example for everyday use.

The Sport driving mode gives the driver a sporty feel. If theSport driving mode is selected, vehicles with an automatic transmission switch to S.

With the Custom driving mode, you can adapt individual vehicle systems according to your preferences.

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Standard behavior of the driving mode and the vehicle systems

The Normal driving mode represents the basic settings for the vehicle systems when the ignition is switched on.

Behavior of the driving mode when switching the ignition off and on

If you switch the ignition off and then on again, the previously selected driving mode remains selected.

Behavior of the Drive vehicle system when the ignition is switched off and on

The settings for the Drive vehicle system are reset to the Normal driving mode settings when you switch the ignition off and on again.

The other vehicle systems will retain their settings.

You can change the Drive vehicle system back to the preferred driving mode.

1. Select your desired driving mode again.

   Or: In order to reactivate the settings in the Sport driving mode, move the automatic transmission selector lever backwards into driving mode S.

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The driving mode or the vehicle systems do not behave as expected

1. Pay attention to the standard behavior of the driving mode and the vehicle systems *(→ Driving Mode Selection)*.

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Anticipatory driving

An inconsistent driving style increases consumption. When the driver actively pays attention to traffic, this can prevent frequent acceleration and braking maneuvers. Maintaining enough distance to the vehicle driving ahead helps you to drive with better anticipation.

Avoiding Harsh Acceleration

Excessively high speeds increase the rolling resistance and air resistance and with that, the power needed to move the vehicle. Never drive at the maximum vehicle speed.

Checking tire pressures

Low tire pressures cause wear as well as increased rolling resistance of tires, and this increases consumption. Use tires with optimal rolling resistance.

Adapt the tire pressures to the load:

— Follow the specifications on the tire pressure label *(→ Tire pressure)*.

— Tire Pressure Monitoring System *(→ Tire Pressure Monitoring System)*.

Using synthetic engine oil

Full synthetic engine oils with a low viscosity reduce the frictional resistance in the engine and distribute significantly better and faster when cold-starting the engine.

⚠ WARNING

Not paying attention to road traffic can cause accidents and serious or fatal injuries.

- Always comply with the applicable driving regulations and speed limits and think ahead while driving.
- Take regular breaks on long drives. You should take a break at least every two hours.

⚠ WARNING

Alcohol, drugs, medication, and prescription narcotics can considerably impair perception, reaction times, and driving safety, which can result in loss of vehicle control. This can cause accidents and serious or fatal injuries.

- Do not drive under the influence of alcohol, drugs, medication or prescription narcotics.

⚠ WARNING

If you drive at high speed and without sufficient safety distance, accidents and serious or fatal injuries can result.

- Always adapt your speed and remain a safe distance to vehicles driving ahead according to the visual, weather, road, and traffic conditions.

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Breaking in the engine

A new engine needs to be broken in during the first 1500 km(approx. 1000 miles). All moving parts should be able to work together. During the first few hours of operation, the engine has a higher internal friction than it will later.

Up to 1000 km (approx. 600 miles)

— Avoid harsh acceleration.

— Do not use more than two thirds of the maximum engine RPM.

— Do not drive with a trailer.

Between 1000 and 1500 km (approx. 600 to 1000 miles)

1. Increase the speed and engine RPM gradually.

The driving style during the first 1500 km(approx. 1000 miles) also affects the engine's quality. Even after that – especially when the engine is cold – the engine should be driven at moderate engine speeds to reduce engine wear and increase the possible mileage.

New tires and brake pads must be carefully broken in.

NOTICE

Driving at too low an RPM can cause increased wear and damage to the engine.

- Do not drive at an insufficient engine speed.
- Downshift if the engine stops running “smoothly”.

If the new engine is broken in gently, its service life is increased while, at the same time, reducing engine oil consumption.

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Gear recommendation

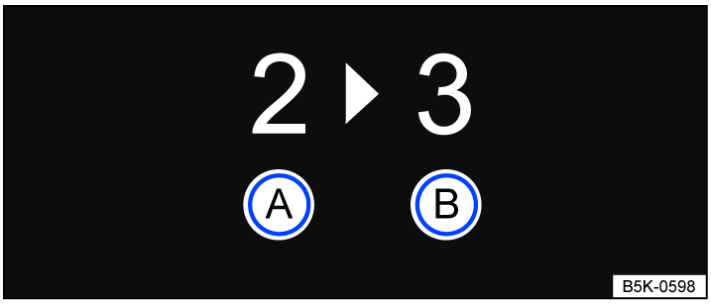


Fig. 1 Gear recommendation on the instrument cluster display.

(A) Currently selected gear.

(B) Recommended gear for you to select.

Depending on the vehicle equipment, a recommendation to select a fuel-saving gear can be displayed as a number in the instrument cluster while you are driving → *fig. 1*.

Vehicles with an automatic transmission: To do this, the transmission must be in the tiptronic program.

If the optimal gear is currently selected, no gear recommendation is made. The gear that is currently selected is displayed.

⚠ CAUTION

The gear recommendation is simply an aid and cannot replace the driver's attention and responsibility. Selecting an unsuitable gear for the driving situation may lead to accidents and injuries.

- Always select the correct gear for the relevant driving situation, such as when overtaking or driving uphill.

An optimally selected gear helps to save fuel.

For vehicles with manual transmission, the gear recommendation display is turned off when you press the clutch pedal. For vehicles with automatic transmission, the gear recommendation display is turned off when you leave the tiptronic position.

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Eco tips

The correct driving style can help to reduce consumption, pollution, and wear on the engine, brakes, and tires. The following tips will help you conserve the environment and your money.

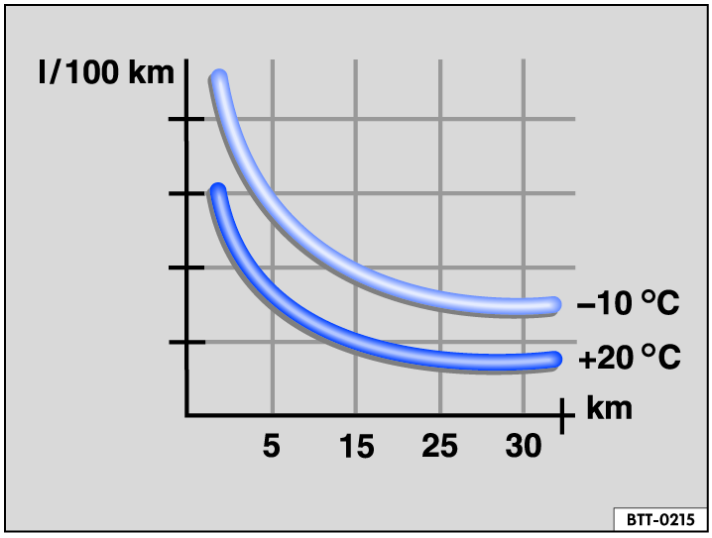


Fig. 1 Fuel consumption in l/100 km (mpg) for two different environmental temperatures.

Using the freewheel function

Vehicles with an automatic transmission: If neither the accelerator nor the brake pedal is pressed in the D selector lever position, the vehicle will roll (“coasting feature”) using virtually no energy.

Energy-Saving Shifting

Early upshifting saves energy at an engine RPM of 2,000. Do not wait as long as possible to upshift gears and avoid high engine speeds.

— Vehicles with manual transmission: Shift from first to second gear immediately after starting to drive.

— Vehicles with an automatic transmission: Accelerate slowly and avoid using the kick-down function.

— Pay attention to the gear recommendation *(→ Gear recommendation)*.

— If possible, use the ECO driving mode.

Reducing to idle speed

Start driving immediately at low speeds. When stationary for a long time, do not shift to idle, but rather stop the engine, for example when in a traffic jam or at a railroad crossing.

On vehicles with an activated start-stop system, the engine can turn off automatically when the vehicle is stopped and when stationary.

Refuel in moderation

A full fuel tank increases the vehicle weight. A fuel tank that is half to three-quarters full is best suited for city driving.

Avoid short trips

A cold engine has a very high consumption rate. The optimal operating temperature is only reached after several kilometers (miles). When outside temperatures are very low, for example in winter, the consumption is much higher

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than average → *fig. 1*. Plan trips economically and combine short trips.

Have maintenance performed regularly

Regular maintenance is required for fuel-efficient driving and increases the service life of the vehicle.

Removing unnecessary weight

Clearing out the luggage compartment, for example by removing empty crates or unneeded child restraints, can reduce consumption.

To keep the vehicle's air resistance as low as possible, remove attachments after use.

Saving energy

The alternator, which is powered by the engine, generates power for the electrical equipment, such as the climate control system, window heating, or ventilation. Saving energy is simple, for example:

— When temperatures are high, air out the vehicle before driving and drive short distances with the windows open. Then turn on the climate control system.

— Turn off electrical equipment when it is no longer needed.

NOTICE

If the vehicle rolls down mountains or hills in neutral N, the transmission is not lubricated. This can cause the automatic transmission to overheat and can damage it.

- Never leave the vehicle in neutral N gear, especially when the engine is stopped.

An authorized Volkswagen dealer or authorized Volkswagen Service Facility can provide you with more information about correct maintenance and replacement parts that are particularly energy efficient, such as new tires.

In driving situations when less power is required, the engine cylinders can deactivate automatically on vehicles with Active Cylinder Management (ACT), depending on the vehicle equipment. When the engine is switched off, no fuel is injected into the relevant cylinders, meaning that overall fuel consumption is reduced.

Driving a loaded vehicle

Heed the following for good vehicle handling when the vehicle is loaded:

— Stow all cargo securely .

— Accelerate with extra care and caution.

— Avoid sudden braking and driving maneuvers.

— Brake earlier than usual.

— If necessary, read and heed the information about roof racks *(→ Roof rack)*.

— If necessary, note the information about driving with a trailer .

WARNING

Sliding loads can considerably impair the driving stability and safety of your vehicle, and increase the braking distance when you brake hard or perform emergency braking. This can cause accidents and serious or fatal injuries.

- Correctly secure the load to prevent it from sliding.
- Use suitable tie-downs or securing straps on heavy objects.
- Engage the rear seat backrests and, if necessary, the adjustable rear seats securely.

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Driving with an open trunk lid

Driving with an open trunk lid can be especially dangerous. Secure all objects and the open trunk lid correctly and take sufficient precautions to reduce the amount of poisonous exhaust that enters the vehicle.

WARNING

If driving with the trunk lid unlocked or open, loose objects can fall out of the vehicle and injure other road users. This can cause accidents and serious or fatal injuries.

- Always drive with the trunk lid closed.
- Store all objects in the luggage compartment securely.
- Always drive carefully and anticipate upcoming traffic situations.
- Avoid abrupt or sudden driving and braking maneuvers because the open trunk lid can move in an uncontrolled manner.
- If there is a roof rack with cargo on the trunk lid, always remove it before driving with an open trunk lid.

WARNING

Objects protruding from the luggage compartment change the vehicle length and may possibly endanger other road users. This can cause accidents and serious or fatal injuries.

- Follow the legal regulations.
- Mark objects sticking out of the luggage compartment so they will be visible to others on the road.
- Never use the trunk lid to secure or wedge objects.

WARNING

Among other substances, engine exhaust gases contain carbon monoxide, an odorless and colorless poisonous gas. If driving with the trunk lid open, poisonous exhaust may enter the vehicle interior, leading to a loss of consciousness, carbon monoxide poisoning, accidents and serious or fatal injuries.

- To prevent poisonous exhaust from entering the vehicle, always drive with the trunk lid closed.
- Close all windows.
- Close the power sunroof.
- Switch off recirculation mode.
- Open all the air vents in the instrument panel.
- Switch the blower to the highest blower level.
- Always drive with the trunk lid closed if the load can be transported with the trunk lid closed.

NOTICE

Opening the trunk lid changes the height and possibly the length of the vehicle. This can cause damage to the vehicle if driving carelessly.

- Be aware of the changed outer dimensions, such as when driving through underpasses.

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Driving through water on roads

Note the following to reduce the risk of vehicle damage when driving through water, for example on flooded roads:

— The water must not be any higher than the bottom of the vehicle body→⚠.

— Do not driver faster than walking speeds.

— Never stop the vehicle, drive in reverse, or stop the engine in water.

— Oncoming vehicles create waves that can raise the water level for your vehicle enough that it is not safe to drive through.

— Always manually deactivate the start-stop system when driving through water .

⚠ WARNING

When driving through water, mud, slush, etc., the braking effect may be delayed due to damp or icy brake rotors and brake pads in the winter, and this can extend the braking distance. This could cause a loss of vehicle control, accidents and serious or fatal injuries.

- Perform careful braking maneuvers to dry and remove ice from the brakes.
- Do not endanger road users or disregard legal regulations during braking maneuvers.
- Avoid abrupt and sudden braking maneuvers directly after driving through water.

NOTICE

Driving through water can greatly damage or corrode parts of the vehicle, e.g. electronics.

- Never drive through salty water.
- Using fresh water, immediately rinse any parts of the vehicle that may have come into contact with salty water.
- Protect electronic components against contact with water.

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Operating the vehicle in different countries and continents

Approval regulations

The vehicle was manufactured by the factory for a specific country and meets those requirements and approval regulations that were valid at the time of vehicle manufacture →⚠.

If the vehicle will be used temporarily or for a brief period in another country, then read and observe the following information.

Safety standards and regulations

Some countries have special safety standards and regulations that differ from the vehicle configuration. Volkswagen recommends obtaining information about legal regulations from an authorized Volkswagen dealer or authorized Volkswagen Service Facility before driving in other countries.

Selling in other countries

If the vehicle is sold in another country or will be used for an extended period in another country, then the applicable legal regulations in that country must be observed.

Certain equipment may need to be installed or removed and functions may need to be deactivated. The scope and types of service may also be affected. This particularly applies if the vehicle is being operated for an extended period in a different climate region.

Functions of the Infotainment system

Due to the many different frequency bands around the world, the Infotainment system installed at the factory may not function in other countries.

Volkswagen is not responsible for damage to the vehicle caused by substandard fuel, insufficient service, or not using Volkswagen Genuine parts.

Volkswagen is not responsible if the vehicle does not meet all of the applicable legal requirements in other countries and continents.

⚠ WARNING

At high altitudes, the air density is lower. Due to the reduced air density, engine power may be reduced and when in operation for extended periods at high altitudes, vehicle components may be damaged. Lower engine power can result in accidents, e.g. when overtaking, and may result in serious or fatal injuries.

- Before driving abroad, obtain information from a suitably qualified professional, particularly for altitudes above 3000 m (around 9843 ft) above sea level. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Introduction

Depending on the vehicle equipment, the vehicle has driver assistance systems that increase driving convenience. Some of these driver assistance systems use sensors or cameras (hereafter referred to as the “sensor system”) that are not or only partially visible to you.

The sensors and cameras visually detect the vehicle's surroundings ultrasonically or by using radar waves.

Installed sensor systems

Depending on the vehicle equipment, the following sensor systems may be installed:

— Radar sensor in the front of the vehicle.

— Radar sensors in the rear of the vehicle.

— Camera behind the windshield.

— Ultrasonic sensors in the front of the vehicle.

— Ultrasonic sensors in the rear of the vehicle.

You can find information on the relevant installation location in the vehicle overviews .

WARNING

The driver assistance systems are not a replacement for the driver's attention and work only within their system limitations. The driver assistance systems cannot detect all driving situations and may not provide warnings or react, or may provide warnings or react with a delay, or may provide warnings or react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Be aware of the limits of the sensor system and the system limitations of the individual systems.
- Always adapt your speed and distance to vehicles driving ahead based on the visual, weather, road, and traffic conditions.
- Be prepared to override or interrupt automatic interventions at all times.
- Pay attention to indicators in the instrument cluster display and respond to the displays accordingly when the traffic situation allows.
- Do not use driver assistance systems if you suspect a problem or damage.

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Limits of the sensor system

Limits of the radar sensor

Driver assistance systems that use radar sensors may not respond, may offer a delayed response or may respond in an unexpected way in the following situations:

— When driving in poor weather conditions, such as heavy rain, snow or heavy spray.

— When driving through construction zones, tunnels or toll stations.

— When driving on winding roads, for example, mountain roads

— In front of bumps or dips in the road

— When driving off-road

— When driving in parking ramps

— When driving on roads with embedded metal objects, such as railroad tracks

— When driving on gravel roads

— In complex driving situations, such as traffic islands.

— Following a violent impact affecting components within the range of the radar sensors, e.g. following a rear-end collision.

— The radar sensors are obscured, dirty, misaligned or damaged.

Limits of the camera behind the windshield

Driver assistance systems that use the camera behind the windshield may not respond, may offer a delayed response or may respond in an unexpected way in the following situations:

— In front of bumps or dips in the road

— When driving in construction zones

— When driving off-road

— When driving in poor weather conditions, such as heavy rain, snow, fog or heavy spray and poor road conditions.

— In low-lying sun, darkness or if there is glare from oncoming vehicles.

— The camera is not available due to long exposure to direct sunlight or high ambient temperatures.

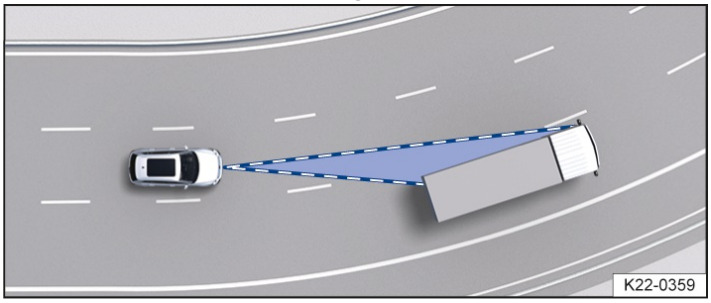
— The camera field of view is obscured, dirty or damaged.

— The camera is misaligned.

Delayed reaction

If the sensor system is exposed to environmental conditions that limit its function, the driver assistance systems may only be able to detect this with a delay. Therefore, the display that indicates that functions are impaired may be delayed when you first start driving or while driving.

Limits in certain driving situations



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Fig. 1 Driving around curves.

The sensor system always measures straight ahead. Therefore, on tight curves, vehicles may be detected by mistake or vehicles driving ahead may not be detected.

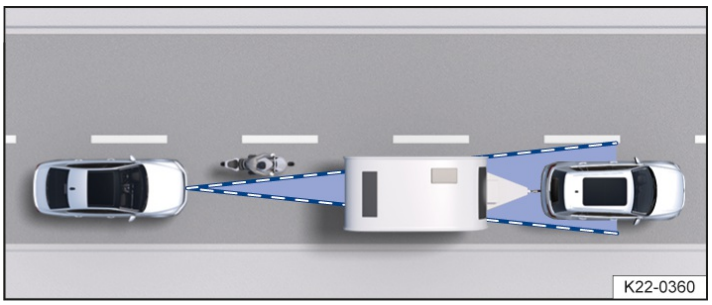


Fig. 2 Narrow vehicle.

Vehicles that are driving close to your vehicle but outside the sensor range, such as motorcycles, cannot be detected.

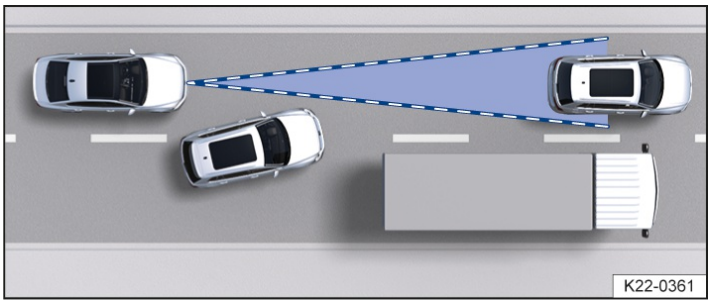


Fig. 3 Changing lanes.

Vehicles that change to your lane close in front of your vehicle cannot be detected. This also applies to vehicles with attachments exceeding the vehicle dimensions.

Specific system limitations

In addition to the limits of the sensor system, every driver assistance system has additional system limitations linked to their function. Please also note these:

— Adaptive Cruise Control (ACC) *(→ Adaptive Cruise Control (ACC))*.

— Predictive cruise control *(→ Predictive cruise control)*.

— Autonomous Emergency Braking (Front Assist) *(→ Autonomous Emergency Braking (Front Assist))*.

— Lane Assist *(→ Lane Keeping System (Lane Assist))*.

— Comfort drive Travel Assist *(→ Comfort drive Travel Assist)*.

— Lane Change System (Side Assist) *(→ Lane Change System (Side Assist))*.

— Advanced Road Sign Display *(→ Advanced Road Sign Display)*.

Introduction

The cruise control system helps to maintain a set speed.

Speed range

The cruise control system is available at speeds above approximately 20 km/h(approximately 15 mph) when driving forward.

Driving with the Cruise Control System

You can override the stored speed at any time, for example, to pass another vehicle. The regulation function is

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paused while the vehicle accelerates and then resumes the stored speed.

Displays

If the cruise control system is switched on, the instrument cluster display indicates the saved speed and the status of the cruise control system.

One of the following indicator lights will light up, depending on the driving situation:

Cruise control system is switched on, speed regulation active.

Cruise control system is switched on, speed regulation inactive.

If no speed is stored, the instrument cluster display shows--- instead of the speed.

Changing gear

Pressing the clutch pedal pauses the regulation function. It resumes automatically after changing gear.

Driving downhill

The vehicle cannot maintain the saved speed in all driving situations. Always be ready to apply the brakes.

1. Downshift before traveling downhill for extended periods.

   This will enable you to utilize the engine braking effect and reduce the load on the brakes.

WARNING

If it is not possible to drive safely with enough distance and a constant speed, using the cruise control system may cause accidents and serious injuries or even death.

- Always adapt your speed and distance to vehicles driving ahead based on the visual, weather, road, and traffic conditions. The driver is always responsible for the speed of the vehicle.
- Never use the cruise control system when visibility is poor, when there is not enough distance, or when roads are steep, winding, flooded, or slippery, for example from snow, ice, moisture, or gravel.
- Never use the cruise control system when driving off-road or on unpaved roads.

Operating the Cruise Control System Using the Multi-Function Steering Wheel



Fig. 1 Left side of the multi-function steering wheel.

Switching on

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1. Press the button.

   No speed is saved. At this stage, the limiter will not yet start regulating your speed.

Starting the regulation function

1. Press the SET button while driving.

   The cruise control system saves and controls the current speed.

Setting the speed

You can adjust the saved speed while the cruise control system is regulating the speed:

+ 1 km/h (1 mph):
  Press the RES button.

- 1 km/h (1 mph):
  Press the SET button.

+ 10 km/h (5 mph):
  Press the + button. Pressing for the first time changes to the next-largest tens digit (km/h) or fives digit (mph).

- 10 km/h (5 mph):
  Press the − button. Pressing for the first time changes to the next-smallest tens digit (km/h) or fives digit (mph).

To change the stored speed at a continuous rate, press and hold the + or − button.

Your vehicle will adjust its current speed by accelerating but it will not actively brake.

Canceling the regulation function

1. Press the CNCL or button briefly.

   Or: Press the brake pedal.

   The vehicle speed remains stored in the system.

Resuming the regulation function

1. Press the RES button.

   The cruise control system resumes and maintains the saved speed.

WARNING

There is the risk of an accident if you inadvertently resume at the saved speed or if the saved speed is too fast for the current road, traffic, or weather conditions. This may result in serious injury or even death.

- Check whether the saved speed is suitable for the current road, traffic, or weather conditions before you resume the cruise control system.
- Switch off the cruise control system if you do not require it.

Switching off

1. Press and hold the button.

   The cruise control system is switched off and the saved speed is deleted.

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Switching to the speed limiter

1. Press the button.
2. Select the speed limiter in the instrument cluster display.

   The cruise control system is switched off.

Depending on the vehicle equipment, the button is located either on the multi-function steering wheel or the turn signal and high beam lever.

Troubleshooting

Cruise control system malfunction

Malfunction. The yellow indicator light turns on.

1. Switch off the cruise control system and seek assistance from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

The regulation function is canceled automatically

— You have been pressing the clutch pedal for a long time.

— The vehicle has exceeded the stored speed for an extended period.

— No gear is engaged for driving forward.

— Brake assistance systems, for example ASR or ESC, are active.

— The vehicle has been braked by Autonomous Emergency Braking(Front Assist).

— If the problem persists, switch off the cruise control system and seek assistance from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Introduction

The speed limiter helps you to ensure that you do not exceed a speed that you have previously saved.

Speed range

The speed limiter is available at speeds above approx. 30 km/h(approx. 20 mph) when driving forward.

Driving with the speed limiter

You can interrupt the limit set by the speed limiter at any time by fully pressing the accelerator pedal beyond the point of resistance. When you exceed the saved speed, the green indicator light will come on and a warning chime may sound. The vehicle speed remains stored in the system.

Once your driving speed falls below the saved speed, the speed limiter will automatically begin regulating your speed again.

Displays

If the speed limiter is switched on, the instrument cluster display shows the saved speed and the status of the speed limiter.

One of the following indicator lights will light up, depending on the driving situation:



Speed limiter switched on, regulation active.



Speed limiter switched on, regulation not active.

Driving downhill

The vehicle cannot maintain the saved speed in all driving situations. Always be ready to apply the brakes.

1. Downshift before traveling downhill for extended periods.

   This will enable you to utilize the engine braking effect and reduce the load on the brakes.

WARNING

Using the speed limiter in adverse weather conditions is dangerous and can result in accidents and serious or fatal injuries.

- Always adapt your speed to the visibility, weather, road and traffic conditions. The driver is always responsible for the speed of the vehicle.
- Do not drive at top speed unless necessary.
- Never use the speed limiter when driving on slippery surfaces, e.g. due to hydroplaning, snow, ice, leaves.
- To prevent unintended regulation, switch off the speed limiter if you do not need it.

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Operating the speed limiter using the multi-function steering wheel



Fig. 1 Left side of the multi-function steering wheel.

Switching on

1. Press the button.

   No speed is saved. At this stage, the limiter will not yet start regulating your speed.

Starting the regulation function

1. Press the SET button while driving.

   Your current speed will be saved as the top speed.

Setting the speed

You can adjust the saved speed as follows:

+ 1 km/h (1 mph):
Press the RES button.

- 1 km/h (1 mph):
Press the SET button.

+ 10 km/h (5 mph):
Press the + button. Pressing for the first time changes to the next-largest tens digit (km/h) or fives digit (mph).

- 10 km/h (5 mph):
Press the – button. Pressing for the first time changes to the next-smallest tens digit (km/h) or fives digit (mph).

To change the stored speed at a continuous rate, press and hold the + or – button.

Canceling the regulation function

1. Press the CNCL or button.

   The vehicle speed remains stored in the system.

Resuming the regulation function

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1. Press the RES button.

Switching off

1. Press and hold the button.

   This switches off the speed limiter and the saved speed is deleted.

Switching to other driver assistance systems

Depending on the vehicle equipment, you can switch to the following driver assistance systems:

— Cruise Control System.

— Adaptive Cruise Control (ACC

).

1. Press the button.
2. Select the system you require on the instrument cluster display.

   This switches off the speed limiter.

Depending on the vehicle equipment, the button is located either on the multi-function steering wheel or the turn signal and high beam lever.

Troubleshooting

LIM Speed limiter not available

Malfunction or fault. The yellow indicator light turns on.

1. Stop the engine and restart.
2. If the problem persists, switch off the speed limiter and seek assistance from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

The regulation function is canceled automatically

— ESC

is switched off.

— The brakes are overheated. Let the brakes cool down and check the function again.

— If the problem persists, switch off the speed limiter and seek assistance from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

For safety reasons, the speed limiter will only switch off completely once you release the accelerator pedal or switch off the system manually.

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Introduction

Adaptive Cruise Control (ACC) maintains your selected speed. When the vehicle approaches a vehicle driving ahead, the ACC adjusts the speed automatically and maintains your set distance to the vehicle driving ahead.

Does this vehicle have ACC?

If there is a button on the left-hand side of the multi-function steering wheel, the vehicle has ACC

.

Speed range

You can set a speed of between 20 km/h (15 mph) and 210 km/h (130 mph). The maximum speed that you can set may be lower, depending on the vehicle equipment and country.

Driving with ACC

You can override the ACC

system at any time. The regulation function is canceled when you apply the brakes. When you accelerate, the regulation function is paused while accelerating and then resumed with the speed set.

If a trailer is hitched, ACC

is less dynamic.

Driver intervention request

If automatic deceleration by the ACC

is not sufficient or the system limits are reached, the ACC will prompt you – with a message in the instrument cluster – to also apply the brakes. The red warning light will also turn on and a warning tone will sound. Take over steering and be ready to brake.

WARNING

ACC

is not a replacement for the driver's attention and works only within the system limitations. ACC cannot detect all driving situations and may not react, or may react with a delay, or may react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Observe the system limitations *(→ Adaptive Cruise Control (ACC))*.
- Always adapt your speed and distance to vehicles driving ahead based on the visual, weather, road, and traffic conditions.
- Take over steering immediately if a driver intervention prompt appears in the instrument cluster display or the deceleration by ACC

  is not sufficient.
- Apply the brakes if the vehicle continues to roll unintentionally, e.g. after a driver intervention prompt.

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Special driving situations

The functions described below depend on the vehicle equipment and are not available in all countries.

Predictive ACC

If the vehicle has a Dynamic Road Sign Display, ACC

can adjust the speed to recognized speed limits and adjust the route history .

Passing

If you activate the left turn signal (for left-hand drive vehicles, the right turn signal) to overtake, the ACC

will accelerate the vehicle and reduce the distance from the vehicle ahead. Your selected speed will not be exceeded during this.

If the ACC

does not detect a vehicle ahead after changing lanes, then the ACC will accelerate the vehicle up to the selected speed.

Stop-and-go traffic

ACC

can brake vehicles with automatic transmissions to a stop and hold them stationary for a few seconds. ACC remains active, and the instrument cluster display shows ACC is ready. In this time, the vehicle will automatically move again once the vehicle driving ahead starts.

After this time the vehicle will automatically release the brakes, the vehicle continues rolling and the ACC

is interrupted.

Extend drive-readiness:

— Press the brake pedal.

ACC

remains active as long as you press the brake pedal. If you take your foot off the brake pedal, the ACC is ready for a few seconds.

— Press the RES button.

The "readiness to drive" period is extended by a few seconds.

Drive-readiness is ended if the driver's safety belt is not fastened.

WARNING

If ACC is ready appears in the instrument cluster display and the vehicle driving ahead starts to move, your vehicle will start driving automatically. The vehicle may not be able to detect obstacles in the vehicle's path when this happens. This may cause accidents and serious injuries.

- Check the vehicle's path every time before you start driving and brake the vehicle if necessary.

Right-side passing restriction (left-hand drive vehicles: left-side passing restriction)

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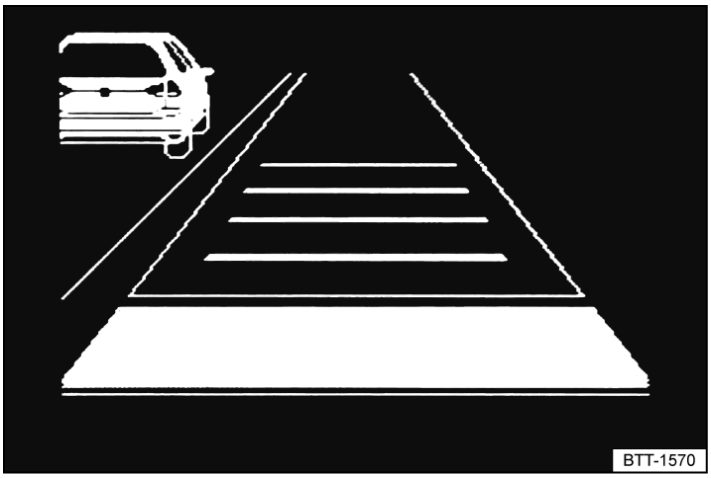


Fig. 1 In the instrument cluster display: slower vehicle detected in the left lane (general example).

Vehicles with right lane passing prevention: If the ACC

detects a slower vehicle in the left lane (for left-hand drive vehicles, in the right lane) the ACC will brake gently within the limits of the system and prevent you from overtaking illegally. The function is available from approx. 80 km/h (approx. 50 mph).

Vehicles without right-side passing restriction: Stop the regulation function when driving on roads with multiple lanes if vehicles are driving slowly in the passing lane.

ACC system limitations

Limits of the sensor system

ACC

detects driving situations using the radar and ultrasonic sensors in the front of the vehicle and the camera behind the windshield. The radar sensor has a range of up to approx. 120 m (approx. 400 ft).

WARNING

If you use the ACC

in situations outside system limitations, accidents and serious injuries may result and legal regulations may be violated.

- Be aware of the limits of the sensor system *(→ Sensor system)* and stop the regulation function in the specified situations.

Unrecognizable objects

ACC

only detects vehicles that are moving in the same direction or are stationary. The following will not be detected:

— Pedestrians

— Animals

— Vehicles crossing the street or oncoming vehicles

— Other stationary obstacles

Stationary vehicles

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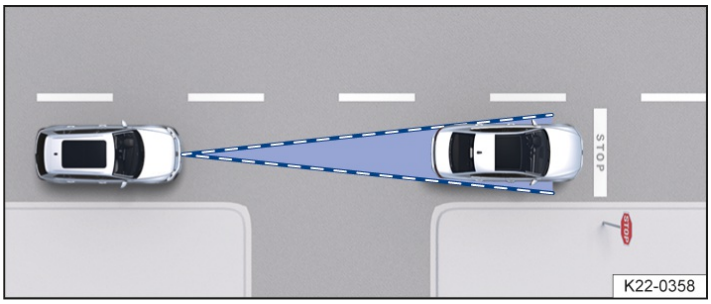


Fig. 1 Stationary vehicle.

The ACC

responds up to approx 60 km/h (approx. 37 mph) and only responds to stationary vehicles if a stationary vehicle is detected as such and the vehicle you are driving can be conveniently braked behind the stationary vehicle within the system limitations of ACC. ACC does not perform emergency braking → *fig. 1*.

The reaction to stationary vehicles depends on the vehicle equipment and is not available in all countries.

Switching ACC on and off



Fig. 1 Left side of the multi-function steering wheel.

Switching on

1. Press the 0/I button.

   ACC

   is not yet functioning.

Starting the regulation function

1. Press the SET button while driving forward.

   ACC

   saves the current speed and maintains the set distance. If the current speed is outside the specified speed range, the ACC adjusts the minimum speed when driving too slowly or the maximum speed when driving too quickly.

   In addition, the anti-slip regulation (ASR

) is activated and ESC Sport is deactivated.

The following indicator lights may turn on depending on the driving situation:

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ACC

is regulating – no vehicle ahead detected.

ACC

is regulating – vehicle ahead detected.

ACC

is not regulating – no vehicle is detected driving ahead.

ACC

is not regulating – a vehicle is detected driving ahead.

Canceling the regulation function

1. Press the button briefly.

   Or: Press the brake pedal.

   If the respective indicator light for the driving situation lights up gray, the speed and distance are saved.

If the anti-slip regulation (ASR

) is deactivated, then the Adaptive Cruise Control is automatically stopped.

Resuming the regulation function

1. Press the RES button.

   ACC

   assumes the last set speed and the last set distance. The instrument cluster display shows the set speed, and indicator lights turn on corresponding to the driving situation.

Switching off

1. Press and hold the button.

   The set speed is deleted.

Switching to the speed limiter

1. Press the button.
2. Select the speed limiter in the instrument cluster display.

   ACC

   is switched off.

Depending on the vehicle equipment, the button is located either on the multi-function steering wheel or the turn signal and high beam lever.

Adjusting the ACC settings

Setting the distance

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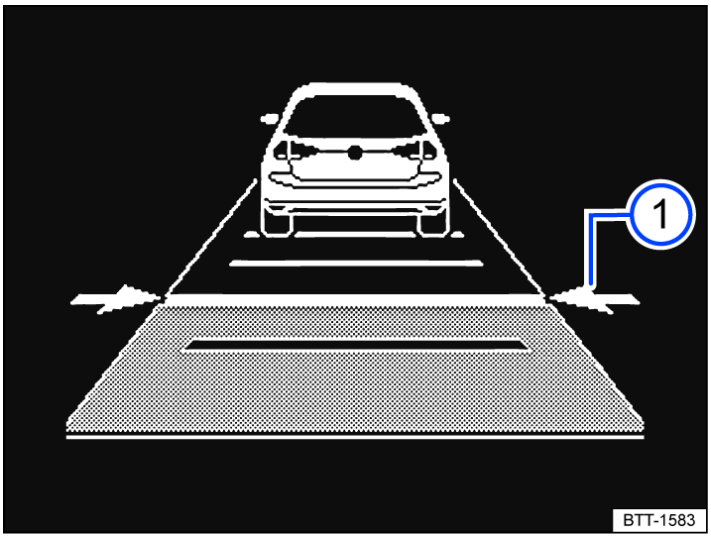


Fig. 1 In the instrument cluster display: set distance during control (general example).

You can set the distance at five levels from very short to very long:

1. Press the button.
2. Press the + or − button.

   Or: Press the button repeatedly until the preferred distance is set.

   The instrument cluster display shows the selected level → *fig. 1* (1). Heed the country-specific regulations for minimum distance.

The regulation function always starts with the distance that was set at the end of the journey.

If ACC

is not regulating, the set distance and the vehicle will not be highlighted on the instrument cluster display.

Setting the speed

You can adjust the stored speed within the specified speed range using the buttons on the multi-function steering wheel as follows:

+ 1 km/h (1 mph):
  Press the RES button only while ACC

  is regulating the speed.

- 1 km/h (1 mph):
  Press the SET button only while ACC

  is regulating the speed.

+ 10 km/h (5 mph):
  Press the + button. Pressing for the first time changes to the next-largest tens digit (km/h) or fives digit (mph).

- 10 km/h (5 mph):
  Press the − button. Pressing for the first time changes to the next-smallest tens digit (km/h) or fives digit (mph).

To change the stored speed continuously, press and hold the respective button.

WARNING

ACC

cannot detect all driving situations correctly. If the vehicle is less than the minimum distance from the vehicle ahead and the difference in speed between the vehicle ahead and your own vehicle is so great that the speed deceleration from the ACC is not sufficient, there is a risk of a rear end collision. This may result in serious injury or even death.

- Always be ready to apply the brakes yourself.

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- To override the predictive cruise control and Adaptive Cruise Control(ACC), press the accelerator pedal. In this case, ACC will not brake automatically.
- Heed the country-specific regulations regarding minimum distance.
- Always set a longer distance when there is rain, snow, or poor visibility.

Adjusting the regulation function system settings

You can influence how dynamically ACC takes control:

— Vehicles with Driving Mode Selection:

Select the desired driving mode.

— Vehicles without Driving Mode Selection:

Select the desired driving mode in the Assistance systems menu in the Infotainment system.

Some settings can be saved in the driver personalization user profiles and change automatically when profiles are switched.

Troubleshooting

ACC is not available

The yellow indicator light turns on. In addition, a message is shown in the instrument cluster display.

— The radar sensor is dirty. Clean the radar sensor *(→ Vehicle care)*.

— The visibility of the radar sensor is limited due to weather conditions, such as snow, or from soap residue or coatings. Clean the radar sensor *(→ Vehicle care)*.

— Radar sensor visibility is limited by attachments, decorative frames on license plate holders, or stickers. Clear the area around the radar sensor *(→ Accessories and replacement parts)*.

— The radar sensor is misaligned or damaged, for example as a result of damage to the front of the vehicle. Check if there is noticeable damage *(→ Accessories and replacement parts)*.

— Malfunction or fault. Stop the engine and restart.

— Painting work was carried out on or structural modifications were made to the front of the vehicle *(→ Repairs and technical modifications)*.

— The original Volkswagen emblem is not used. Volkswagen recommends the use of Volkswagen original parts or Volkswagen original accessories, which you can acquire from an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

— If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

ACC is not functioning as expected

— The radar sensor is dirty. Clean the radar sensor *(→ Vehicle care)*.

— The ultrasonic sensors are dirty, obscured or damaged. Clean the ultrasonic sensors *(→ Vehicle care)*.

Clear the area around the ultrasonic sensors and check if there is noticeable damage *(→ Accessories and replacement parts)*.

— The system limitations are not adhered to *(→ Adaptive Cruise Control (ACC))*.

— The brakes are overheating, and the regulation function has been automatically canceled. Let the brakes cool

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down and check the function again.

— If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Additional information may be displayed in the vehicle status, depending on the malfunction *(→ Vehicle settings menu)*.

The Adaptive Cruise Control cannot start

Make sure the following requirements are met:

— Vehicles with manual transmission: A forward gear other than first gear is engaged and the vehicle speed is at least 25 km/h (16 mph).

— Vehicles with an automatic transmission: A gear is engaged for driving forward.

— The brake lights on the vehicle are functioning.

— The brake lights on the electronically connected trailer are functioning.

— ESC

is not regulating.

— If you wish to start the regulation function before you drive off, press the brake pedal. If not, do not press the brake pedal.

Unusual noises during automatic braking

This is normal and not a cause for concern.

Introduction

Predictive cruise control adapts the vehicle's speed to known speed limits and to the road layout ahead (e.g. bends, intersections and roundabouts).

Predictive cruise control is an extension of ACC

and uses the Dynamic Road Sign Display system and the navigation data from the Infotainment system.

Predictive cruise control depends on the vehicle equipment and is not available in all countries.

WARNING

Predictive cruise control is not a replacement for the driver's attention and works only within the system limitations. Predictive cruise control cannot detect all enforced maximum speed limits and may not react, or may react with a delay, or may react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for the stored speed of the vehicle.
- Observe the system limitations *(→ Predictive cruise control)*.
- Always adapt your speed to the visibility, weather, road and traffic conditions.
- Keep the navigation data up to date.
- Always observe the maximum permissible speed.
- Note that the speeds regulated by the system do not necessarily conform to your driving style.

Also observe the system limitations of and information on ACC

.

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The system will also use navigation data if the vehicle does not have a navigation system. Keep the navigation data up to date *(→ Navigation)*. Please contact suitably qualified professionals if you have any questions. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

System Limitations of Predictive Cruise Control

Beside the system limitations of the Dynamic Road Sign Display system and the system limitations of the ACC , predictive cruise control also has the following additional, system-based limitations:

- Predictive cruise control only detects road signs that display a speed limit. In particular, predictive cruise control does not detect priority rules or traffic lights.
- Road signs that display a speed limit indirectly, such as city limit signs, are only detected on the basis of the navigation data.
- The predictive cruise control function is not available on roads that are either not included or not mapped with complete accuracy in the navigation data.
- If a speed limit is announced on the basis of the navigation data but not detected by the Dynamic Road Sign Display, the announced speed is reset to the speed last saved.
- Predictive cruise control cannot take over speeds below the minimum speed *(→ Adaptive Cruise Control (ACC))*.

Functional limitations

In the following situations, the predictive cruise control may not change the speed, may change it with a delay or in a way that is not desired:

- Dynamic Road Sign Display is malfunctioning. No speed limit is displayed in the instrument cluster display.
- Road signs are not being detected or are not being detected correctly.
- The navigation data are out of date.
- You are driving without route guidance.
- You deviate from the route calculated by the navigation system.
- The position of the vehicle cannot be determined correctly due to inaccurate GPS data.

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Activating the predictive cruise control

You can set the events to which the vehicle should respond:

— Response to road layout.

— Response to permissible speed.

In the Infotainment system:

1. Open the Assistance systems menu.
2. Select Adaptive Cruise Control (ACC).
3. Configure the desired setting.

If you have activated at least one event, predictive cruise control will be automatically switched on as well when ACC is switched on.

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Driving with predictive cruise control

Driving with Route Guidance

If you drive with route guidance, predictive cruise control will adjust the speed to the route you have entered in the system.

Driving without Route Guidance

If you drive without route guidance, predictive cruise control will adjust the speed to the most likely route.

Displays

As soon as the system detects a speed limit or is going to reduce your speed due to the road layout, a notification appears in the instrument cluster display. This message shows the reason and the speed to which the vehicle will adjust.

Adjustment due to a speed restriction.

Adjustment due to a bend.

Adjustment due to an intersection.

Adjustment due to a roundabout.

If the speed is adjusted due to a speed limit, the detected speed will be saved as a new desired speed. If the speed is adjusted due to the road layout, the vehicle will accelerate to the previously saved preferred speed afterwards.

Cornering speed notifications depend on the driving mode .

To cancel speed adjustment

During the notification:

1. Press the RES button.

During the adjustment:

1. Press the SET button.

Bringing forward the speed adjustment

As soon as a higher speed than the currently saved speed is shown in the instrument cluster display, you can bring forward the speed adjustment:

— Press the + button.

The vehicle will accelerate to the detected speed.

Adjusting the speed shown

The speed shown can only be adjusted when controlled due to speed restrictions.

+ 1 km/h (1 mph):
Press the RES button only while ACC is regulating.

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- 1 km/h (1 mph):
  Press the SET button only while ACC is regulating.

+ 10 km/h (5 mph):
  Press the + button.

  Pressing for the first time changes to the next-largest tens digit (km/h) or fives digit (mph).

- 10 km/h (5 mph):
  Press the − button.

  Pressing for the first time changes to the next-smallest tens digit (km/h) or fives digit (mph).

If you adjust the speed shown in the notification too far, the predictive cruise control will be canceled.

If a speed limit is detected, the predictive cruise control system will adjust the saved speed, even if the ACC
is deactivated. However, it does not take control.

If a speed limit on a highway is lifted, the recommended speed will automatically be saved as the preferred speed. However, if a higher speed than the recommended speed was previously saved on a highway with no speed limit, this saved speed will be applied instead of the recommended speed.

Troubleshooting

A notification shows that the predictive speed limit control is currently unavailable or is not available in your country

1. If the message is displayed over a longer period and predictive cruise control is available in your country, seek assistance from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Additional information may be displayed in the vehicle status, depending on the malfunction *(→ Vehicle settings menu)*.

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Introduction

Front Assist can recognize impending forward collisions and warn the driver. In addition, the system can provide support when braking and initiate an automatic braking maneuver.

The Front Assist system can help to avoid accidents but cannot replace the driver's attention.

Front Assist works solely within the system limitations. Warning times vary depending on the Traffic Situation and the driving behavior.

Range of functions

Front Assist includes the following additional functions, depending on the vehicle equipment and the country:

— Pedestrian Monitoring.

— Cyclist Monitoring.

The functions named are automatically active if Front Assist is switched on.

Recognizable objects

Autonomous Emergency Braking (Front Assist) can recognize the following objects, depending on the vehicle equipment and the country:

— Vehicles.

— Bikes.

— Pedestrians.

Driving with Front Assist

You can cancel automatic braking interventions by moving the steering wheel or pressing the accelerator pedal.

Automatic braking

Front Assist can brake the vehicle to a stop. The vehicle will not be held at a stop after that. Press the brake pedal.

The brake pedal feels more firm during an automatic braking maneuver.

⚠ WARNING

Front Assist is not a replacement for the driver's attention and works only within the system limitations. Front Assist cannot detect all driving situations and may not react, may react with a delay, or may react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Observe the system limitations *(→ Autonomous Emergency Braking (Front Assist))*.
- Always adapt your speed and distance to vehicles driving ahead based on the visual, weather, road, and traffic conditions.
- Consider interrupting automatic Autonomous Emergency Braking(Front Assist) interventions if necessary.
- When Front Assist warns you, brake the vehicle immediately or maneuver around the obstacle, depending on the driving situation.
- If you are unsure which functions are included with your vehicle depending on the vehicle equipment and country, consult suitably qualified professionals before starting your journey. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Warning levels and braking support

Speed ranges

Front Assist assists in these maximum speed ranges:

— Response to vehicles: Approx. 5 km/h (approx. 3 mph) to approx. 250 km/h (approx. 155 mph).

— Response to bikes: Approx. 5 km/h (approx. 3 mph) to approx. 250 km/h (approx. 155 mph).

— Response to pedestrians: Approx. 5 km/h (approx. 3 mph) to approx. 85 km/h (approx. 53 mph).

The support system can involve an advance warning, an immediate warning, automatic braking or braking support. A distance warning may also be displayed.

Influencing factors

Whether and in which speed range Autonomous Emergency Braking(Front Assist) reacts to the named objects is dependent on the following factors:

— Type of object.

— Movement direction of the object.

— Speed of the object.

— Speed of the vehicle.

The work area can therefore be limited if the vehicle approaches an object very quickly and thus has little time to react.

Furthermore, not all warning levels are passed through in all situations. Depending on the speed, there may not be, for example, an advance warning or immediate warning, but rather an automatic braking maneuver that occurs straight away, so as to best protect the detected object.

Distance warning



Front Assist detects if there is a safety hazard from following the vehicle ahead too closely.

The indicator light turns on. Increase the distance.

Advance warning



Front Assist detects a possible collision and prepares the vehicle for possible emergency braking.

A warning tone sounds and the warning light turns on. Apply the brakes or maneuver to avoid the collision.

Immediate warning

If you do not respond to the advance warning, the brakes may be applied briefly to indicate the increasing risk of a collision. Apply the brakes or maneuver to avoid the collision.

Automatic braking

Autonomous Emergency Braking (Front Assist) can brake the vehicle automatically in several stages of increasing braking force. Reducing the vehicle speed may help to reduce the damage resulting from a collision.

Braking support

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If the system detects that you are not braking enough before an impending collision, Front Assist can increase the braking force and thus help to reduce the risk of a collision. The braking support is only active as long as you are firmly pressing the brake pedal.

Front Assist system limitations

Limits of the sensor system

Front Assist detects driving situations using a radar sensor in the front of the vehicle. The radar sensor has a range of up to approx. 120 m (approx. 400 ft).

Observe the limits of the radar sensor *(→ Sensor system)*. Always be attentive and intervene yourself if necessary!

After starting the vehicle

Autonomous Emergency Braking is not available or availability is limited directly after starting the vehicle or after restarting the system. During this time, the white indicator light in the instrument cluster display comes on.

Unrecognizable objects

Autonomous Emergency Braking (Front Assist) may not react or may react with a delay to the following objects:

— If there are oncoming vehicles or vehicles crossing the street

— Stationary or oncoming pedestrians; generally no reaction to people without Pedestrian Monitoring.

— Stationary or oncoming cyclists; also no reaction to cyclists crossing the road without Cyclist Monitoring.

— Pedestrians and cyclists who are not detected as such, for example because they are fully or partially hidden.

Functional limitations

In addition to the situations specified in the sensor system limitations, Front Assist may not react, may react with a delay, or may react in a way that is not desired in the following situations, among others:

— When driving in reverse

— If ASR
is manually switched off.

— If ESC
is regulating.

— When ESC
Sport (depending on the vehicle equipment)is switched on *(→ Braking assistance systems)*.

— If multiple brake lights on the vehicle are malfunctioning.

— If there is a malfunction in at least one brake light on an electrically connected trailer.

— If the vehicle is accelerating very quickly or the accelerator pedal is pressed all the way down.

— In unclear traffic situations, for example if vehicles driving ahead are braking quickly or are turning

— If Front Assist is malfunctioning

Switching off Front Assist

Depending on the system, Front Assist may not be suitable in the following situations and must be switched off if they occur →⚠:

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— If the vehicle is not being driven on public roads, for example during off-road driving or on a racetrack.
— If the vehicle is being towed or transported
— If add-ons such as auxiliary headlights cover the radar sensor.
— If the radar sensor is malfunctioning
— Following a violent impact affecting components within the range of the radar sensor, e.g. following a rear-end collision.
— If there are multiple unwanted activations

WARNING

Using Front Assist in these situations may result in accidents and serious or fatal injuries.
- Switch off Front Assist in the specified situations.

Using Front Assist

When you switch on the ignition, Front Assist with all of its equipment- and country-dependent functions is automatically switched on.

However, Front Assist is not available or its availability is restricted while the white indicator light is turned on.

Volkswagen recommends always leaving Front Assist and distance warning switched on. For exceptions to this, see *(→ Autonomous Emergency Braking (Front Assist))*.

Switching on and off

If the vehicle is stationary, you can manually switch Autonomous Emergency Braking(Front Assist) on and off.

In the instrument cluster display:

1. Press the button.
2. Switch Autonomous Emergency Braking on or off.

Depending on the vehicle equipment, the button is located either on the multi-function steering wheel or the turn signal and high beam lever.

In the Infotainment system:

1. Open the Assistance systems menu.
2. Switch Autonomous Emergency Braking on or off in the corresponding submenu.

If you switch off Front Assist, the advance warning and distance warning will also be switched off. The yellow indicator light turns on in the instrument cluster display.

Settings

If Front Assist is switched on, you can switch the distance warning on and off in the assistance systems menu of the Infotainment system, depending on the vehicle equipment and country.

Some settings can be saved in the driver personalization user profiles and change automatically when profiles are switched.

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Autonomous Emergency Braking starts

The white indicator light comes on.

— Autonomous Emergency Braking (Front Assist) is temporarily not available or has limited availability. After driving straight for a short distance, Autonomous Emergency Braking is available again and the indicator light goes out. If the vehicle does not drive, the indicator light stays on.

Front Assist has limited availability or is not available

The yellow indicator light turns on. In addition, a message is shown in the instrument cluster display.

— The radar sensor is dirty. Clean the radar sensor *(→ Vehicle care)*.

— The visibility of the radar sensor is limited due to weather conditions, such as snow, or from soap residue or coatings. Clean the radar sensor *(→ Vehicle care)*.

— Radar sensor visibility is limited by attachments, decorative frames on license plate holders, or stickers. Clear the area around the radar sensor *(→ Accessories and replacement parts)*.

— The radar sensor is misaligned or damaged, for example as a result of damage to the front of the vehicle. Check if there is noticeable damage *(→ Accessories and replacement parts)*.

— Painting work was carried out on or structural modifications were made to the front of the vehicle *(→ Repairs and technical modifications)*.

— The original Volkswagen emblem is not used. Volkswagen recommends the use of Volkswagen original parts or Volkswagen original accessories, which you can acquire from an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

— The system limitations are not adhered to *(→ Autonomous Emergency Braking (Front Assist))*.

— If the problem persists, turn off Autonomous Emergency Braking and contact suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Front Assist is not functioning as expected or has been triggered multiple times unnecessarily

— The sensor system does not work properly. Check remedial measures for non-availability or limited availability *→ Front Assist has limited availability or is not available*.

— The system limitations are not adhered to *(→ Autonomous Emergency Braking (Front Assist))*.

— If the problem persists, turn off Autonomous Emergency Braking and contact suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Introduction

Lane Assist helps the driver to stay in a lane, within the system limitations. This function is not suitable for, and not designed for, autonomously keeping your vehicle in a lane.

If the system detects that the vehicle is coming too close to a lane marker, Lane Assist warns the driver with corrective steering. The driver can override the corrective steering at any time.

Speed range

Lane Assist is ready to take control(active system status) when a lane marking is detected within the system limits between approx. 65 km/h (approx. 40 mph) and approx. 215 km/h (approx. 135 mph).

⚠ WARNING

Lane Assist is not a replacement for the driver's attention and works only within the system limitations. Lane Assist cannot detect all driving situations and may not react, may react with a delay, or may react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for keeping the vehicle within the lane.
- Observe the system limitations *(→ Lane Keeping System (Lane Assist))*.
- Always adapt your speed and distance to vehicles driving ahead based on the visual, weather, road, and traffic conditions.
- Always keep your hands on the steering wheel so that you are prepared to steer at any time.
- Override immediately by steering if the system intervenes when it should not.
- Pay attention to indicators in the instrument cluster display and respond to the prompts accordingly when the traffic situation allows.

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Lane Assist system limitations

Limits of the sensor system

Lane Assist detects lane markings with the camera behind the windshield.

Observe the limits of the camera *(→ Sensor system)*. Always be attentive and intervene yourself if necessary!

Lane markings not detected or not correctly recognized

Lane Assist does not correctly detect all lane markings. If lane markings are not detected or if markings are incorrectly detected as lane markings, Lane Assist may fail to intervene when it should or may intervene when not desired. In addition to the situations specified in the camera limitations, this may also occur in the following situations, among others:

— If lane markings are not present.

— When the driving style is very dynamic.

— When not on highways or well-developed roads.

— On poor road surfaces, road structures or objects.

— In the event of reflections or dazzling effects.

Always be attentive and intervene yourself if necessary by overriding unwanted interventions by the system immediately. Temporarily switch off Lane Assist if required.

Lane Assist not ready to take control

Lane Assist is not ready to take control(system status inactive) under the following conditions:

— The Electronic Stability Control (ESC) is switched off or ESC Sport is active.

— The vehicle speed is below approx. 60 km/h(approx. 35 mph) or above approx. 215 km/h (approx. 135 mph).

— Lane Assist has not detected a lane marking.

— If lanes and curves are too narrow.

— Temporarily, when the driving style is very dynamic.

— When the driver oversteers during a system intervention.

— During an intervention by Autonomous Emergency Braking(Front Assist).

Lane Assist is not ready to take control on at least one side in the following situations:

— When the turn signals are switched on in the direction of the intended lane change.

— On the inside of a bend that you are deliberately driving around well on the inside.

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Driving with Lane Assist

Switching on and off

Depending on the country, Lane Assist always switches on after switching on the ignition. You can also switch Lane Assist on or off manually and view the current condition.

In the instrument cluster display:

1. Press the button.
2. Switch Lane Assist on or off.

Depending on the vehicle equipment, the button is located either on the multi-function steering wheel or the turn signal and high beam lever.

In the Infotainment system:

1. Open the Assistance systems menu.
2. Switch Lane Assist on or off in the corresponding submenu.

Depending on the country, if you switch off Lane Assist, the yellow indicator light will come on in the instrument cluster.

If there is a system malfunction, Lane Assist may turn off automatically.

Displays

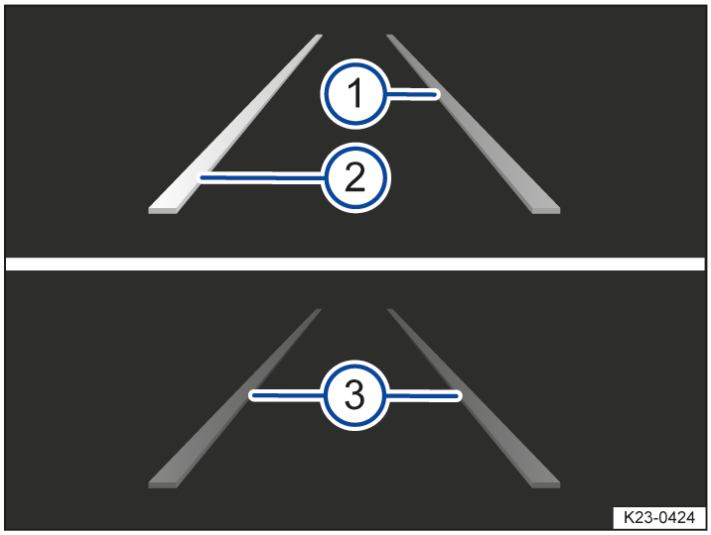


Fig. 1 In the instrument cluster display: Lane Assist displays.

1. Lane marking detected. The system is ready to monitor on the indicated side.
2. Lane marking detected. The system is monitoring on the indicated side.
3. The system is not ready to monitor on the indicated side.

Depending on the driving situation, one of the following indicator lights will light up in the instrument cluster:

System switched on, inactive and not ready to take control.

System active and ready to take control on at least one side.

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System taking action on the side shown(corrective steering intervention).

If Travel Assist is actively controlling, there will not be any steering intervention and no Lane Assist display.

Driver intervention request

If there is no steering activity, an indicator in the instrument cluster display will be displayed and audible warnings will sound.

If a corrective steering intervention is performed for an extended period, an indicator will be displayed in the instrument cluster display and audible warnings will also be sound regardless of the steering activity.

Steering wheel vibration

You can select the Steering wheel vibration option in the Assistance systems menu in the Infotainment system. If you select this option, the steering wheel will vibrate if Lane Assist is active and you drift onto a road lane marking that the system has detected.

Troubleshooting

Lane Assist not available

The yellow indicator light turns on. In addition, a message is shown in the instrument cluster display.

- The camera field of view is dirty. Clean the windshield *(→ Vehicle care)*.
- The camera's view is limited due to weather conditions, such as snow, or from soap residue or coatings. Clean the windshield *(→ Vehicle care)*.
- The camera's view is limited by attachments or stickers. Keep the area around the camera field of view clear *(→ Accessories and replacement parts)*.
- The camera is misaligned or damaged, for example as a result of damage to the windshield. Check if there is noticeable damage *(→ Accessories and replacement parts)*.
- The camera was automatically deactivated due to a high ambient temperature or long exposure to direct sunlight. Lane Assist will be available once the camera is available again. Stop the engine and restart.
- Malfunction or fault. Stop the engine and restart.
- If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

It can take a few seconds once the ignition has been switched on for a system fault to be recognized.

If Lane Assist is not available, Travel Assist is not available either.

The system is functioning differently than expected

1. Do not mount any objects on the steering wheel.

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Introduction

Thanks to the comfort drive Travel Assist, within the system limitations, the vehicle can maintain a distance, which has been preselected by the driver, to the vehicle in front and hold the preferred position within the lane (adaptive lane guidance).

Does this vehicle have Travel Assist?

The vehicle has Travel Assist, if the button on the multi-function steering wheel is available.

Speed range

You can set a speed of between 20 km/h (15 mph) and 210 km/h (130 mph). This speed range may vary depending on the country.

Travel Assist system limitations

Travel Assist detects driving situations using the same sensor technology as the Adaptive Cruise Control (ACC) and Lane Keeping System (Lane Assist).

Note the system limitations and information regarding ACC and Lane Assist. Always pay attention and intervene yourself if necessary!

Driving with Travel Assist

Travel Assist automatically regulates the speed and steers the vehicle. Within the system limitations, Travel Assist can also bring the vehicle to a halt behind a stopping vehicle and drive on again.

You can override the Travel Assist regulation function at any time.

Displays

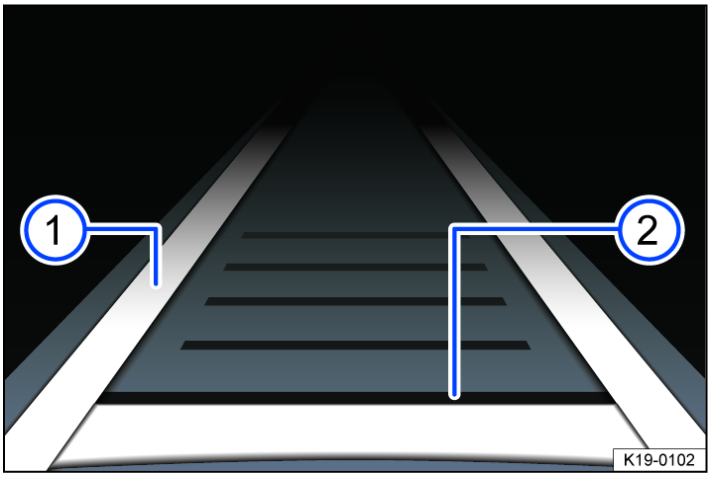


Fig. 1 In the instrument cluster display: Display during active control.

1 Adaptive lane guidance is active.

2 Set distance, no vehicle recognized in front.

Indicator lights on the instrument cluster display show the Travel Assist status, depending on the vehicle equipment:

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Travel Assist active, Adaptive Cruise Control and adaptive lane guidance active.

Travel Assist inactive, Adaptive Cruise Control(ACC) active and adaptive lane guidance inactive.

Travel Assist deactivated, no regulation.

Driver intervention request

If you remove your hands from the steering wheel, the system will ask you to take over the steering wheel after a few seconds with a message in the instrument cluster display and with audible warnings.

The driver's safety belt is also tightened briefly, depending on the vehicle equipment.

Travel Assist is then deactivated.

WARNING

Travel Assist is not a replacement for the driver's attention and works only within the system limitations. Travel Assist cannot detect all driving situations and may not react, may react with a delay, or may react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Note the system limitations of ACC *(→ Adaptive Cruise Control (ACC))* and Lane Assist *(→ Lane Keeping System (Lane Assist))*.
- Always adapt your speed and distance to vehicles driving ahead based on the visual, weather, road, and traffic conditions.
- Always keep your hands on the steering wheel so that you are prepared to steer at any time.
- Take over steering immediately if a driver intervention prompt appears in the instrument cluster display or the deceleration by Travel Assist is not sufficient.
- Apply the brakes if the vehicle continues to roll unintentionally, e.g. after a driver intervention prompt.

Operating Travel Assist



Fig. 1 Left side of the multi-function steering wheel.

Switching on and starting the regulation function

1. During forward travel with ACC switched on, press the button on the multi-function steering wheel.

   The vehicle switches from ACC

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to Travel Assist.

Depending on the driving situation, the vehicle switches to the following system status in Travel Assist:

— If ACC

is regulating, Travel Assist maintains the current speed and the preset distance from the vehicle driving ahead (system status inactive).
At the same time, the vehicle is kept in its lane by steering movements when road markings are detected (system status active).

— If ACC

is not regulating, Travel Assist is switched on, but stays deactivated.

1. Press the SET button.

   Travel Assist switches the driving situation accordingly to an active or inactive system status.

The indicator/warning light corresponding to the driving situation comes on in the instrument cluster display. A notification is also displayed.

Canceling the regulation function

1. Press the button briefly.

   Or: Press the brake pedal.

   The set distance remains saved.

Changing to ACC

1. Press the button on the multi-function steering wheel.

   The vehicle switches from Travel Assist to the system status ofACC

   corresponding to the driving situation.

Adjusting further settings

The further operation of Travel Assist corresponds to the operation of theACC

(→ Adaptive Cruise Control (ACC)).

Troubleshooting

Comfort drive Travel Assist is not available or is not working as expected

The yellow indicator light turns on. In addition, a message is shown in the instrument cluster display.

— There is a malfunction in the sensor system. Check the causes and troubleshooting measures described in the information on ACC
and Lane Assist.
— Malfunction or fault. Stop the engine and restart.
— The system limitations are not adhered to.
— If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Take over the steering

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The white indicator light will come on and a message will be shown on the instrument cluster display.

You have let go of the steering wheel for a few seconds.

1. Take hold of the steering wheel and take over steering the vehicle.

Take over the steering immediately

The red warning light will come on and a message will be shown in the instrument cluster display. An audible warning will sound or the steering wheel will vibrate, depending on the driving situation.

You have let go of the steering wheel for a long period of time or the system limits have been reached.

1. Immediately take hold of the steering wheel and take over steering the vehicle.

Comfort drive Travel Assist switches off automatically

— You have let go of the steering wheel for a long period of time.

— Malfunction or fault. Stop the engine and restart.

— If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

The regulation function is canceled unexpectedly

— You have operated the turn signal.

Introduction

The Lane Change System (Side Assist) helps the driver to discern the traffic situation behind the vehicle.

Radar sensors behind the rear bumper cover monitor the area behind the vehicle. The system measures the distance and difference in speed to other vehicles and informs the driver through visual signals in the housing of the outside mirrors.

Only use Side Assist on secure roads.

Speed range

If Side Assist is switched on, this function is available from approx. 15 km/h (approx. 9 mph). Side Assist is deactivated at speeds below approx. 10 km/h (approx. 6 mph).

WARNING

Side Assist is not a replacement for the driver's attention and works only within the system limitations. Side Assist cannot detect all driving situations and all objects in the surrounding environment, and may not provide warnings, may provide warnings with a delay, or may provide warnings in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle and changing lanes.
- Observe the system limitations *(→ Lane Change System (Side Assist))*.
- Always adapt your speed and distance to vehicles driving ahead based on the visual, weather, road, and traffic conditions.
- Always keep your hands on the steering wheel so that you are prepared to steer at any time.
- Pay attention to the displays in the outside mirror housings and in the instrument cluster display, and act accordingly.

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Side Assist system limitations

Limits of the sensor system

Side Assist detects driving situations via the radar sensors in the rear area.

Note the limits of the radar sensors *(→ Sensor system)* and always pay attention!

Functional limitations

In addition to the situations specified in the sensor system limitations, Side Assist may not correctly interpret the traffic situation in the following situations, among others:

— When driving in the center of two lanes.

— When lanes have different widths.

— When certain types of equipment are on the side of the road, such as high or offset guard rails.

Restricted visibility

Sunlight may reduce the visibility of the visual display in the outside mirror.

Calibration

The radar sensors calibrate once, on the first kilometer of a journey after the vehicle is delivered, and then again if the sensor technology has been repaired. The range of the sensors may be limited during the calibration phase.

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Switching on and off

You can view the current condition of Side Assist on the instrument cluster display and in the Infotainment system. You can also switch Side Assist on and off there.

In the instrument cluster display:

1. Press the button.
2. Switch Side Assist on or off.

Depending on the vehicle equipment, the button is located either on the multi-function steering wheel or the turn signal and high beam lever.

In the Infotainment system, depending on the vehicle equipment:

1. Open the Assistance systems menu.
2. Switch Side Assist on or off in the corresponding submenu.

When it is switched on, the yellow indicator light in the housing of the outside mirror comes on once briefly.

If there is a system malfunction, Side Assist may switch off automatically.

Deactivation due to trailer mode

If you use the trailer hitch installed at the factory and have made the required electrical connection, Side Assist will switch off automatically. Once a trailer is connected to the vehicle electrical system and the driver starts to drive, a message will appear in the instrument cluster display stating that Side Assist is deactivated. Once you have disconnected the electrical connection, Side Assist will be switched on again.

For trailer hitches that were not installed at the factory, you must switch Side Assist off and on again manually.

Displays in the outside mirror



Fig. 1 In the housing of the outside mirrors: Side Assist indicators.

Blinking: a vehicle in the blind spot has been detected and the turn signal is also activated towards the detected vehicle.

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- Lights up: the vehicle you are driving is being overtaken or you are overtaking another vehicle with a difference in speed of up to approx. 15 km/h (approx. 9 mph).

  There is no indicator if the passing speed is clearly faster.

The faster another vehicle approaches, the sooner the display in the outside mirror housing will turn on.

Lane change system “Side Assist Plus”

In vehicle with a Lane Keeping System (Lane Assist), a corrective steering intervention warns you when a possible critical situation is detected when changing lanes (information level, warning level), if Lane Assist is switched on. The steering intervention also occurs if you activate the turn signal for the respective side. If you oversteer the steering intervention, an additional warning is provided by a steering wheel vibration. Steering wheel vibration must also be activated in the Assistance systems menu in the Infotainment system.

Brightness

The brightness of the visual display adapts it self automatically to the ambient brightness.

You can set the default brightness of the display in the Assistance systems menu of the Infotainment system. Side Assist is not active while adjusting the settings.

Some settings can be saved in the driver personalization user profiles and change automatically when profiles are switched.

Troubleshooting

Side Assist malfunctioning

Malfunction or fault. The yellow indicator light in the instrument cluster display lights up. In addition, the yellow central warning light ⚠ comes on.

1. Stop the engine and restart.
2. If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Malfunctioning sensor view, malfunction message, system switches off automatically

— Clean the radar sensors and remove stickers or attachments from the radar sensors or the bumper *(→ Vehicle care exterior)*, *(→ Accessories and replacement parts)*.

— Check if there is any noticeable damage *(→ Accessories and replacement parts)*.

— If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

The system only becomes available again once you have switched the ignition off and back on and switched on Side Assist.

The system is functioning differently than expected

— The radar sensors could be dirty. Clean the radar sensors *(→ Vehicle care exterior)*.

— The radar sensors could be covered by water.

— The view of the radar sensors is limited due to weather conditions, such as snow, or due to dirt, soap residue or coatings. Clean the radar sensors *(→ Vehicle care exterior)*.

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— The system limitations are not adhered to *(→ Lane Change System (Side Assist))*.

— The vehicle could be damaged in the radar sensor area, for example from parking barriers. Check if there is any noticeable damage *(→ Accessories and replacement parts)*.

— The view of the radar sensors is limited by attachments, bicycle rack systems or stickers. Clear the area around the field of view of the radar sensor *(→ Accessories and replacement parts)*.

— Painting work was carried out on or structural modifications were made to the area around the radar sensors, to the rear of the vehicle or to the suspension *(→ Repairs and technical modifications)*.

— The side mirrors have been covered with after-market tinting films *(→ Repairs and technical modifications)*.

— If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Parking

1. Press and hold the brake pedal.

   In vehicles with a manual transmission, press the clutch down completely or disengage the clutch.
2. In vehicles with an automatic transmission, move the selector lever into theP position (parking lock).
3. Apply the parking brake.
4. On uphill and downhill slopes, turn the steering wheel so that the vehicle will roll into a curb if it begins moving.
5. Stop the engine and switch the ignition off.

   The red Ⓟ indicator light in the instrument cluster display will turn on→ ⚠.
6. With a manual transmission, engage the 1st gear if the vehicle is on a level or an uphill surface, or engage the reverse gear if the vehicle is on a downhill surface. Release the clutch pedal.
7. Release the brake.
8. To engage the steering lock, you may need to turn the steering wheel slightly.
9. Exit the vehicle →⚠. Pay attention to other road users.
10. Take all vehicle keys with you and lock the vehicle.

⚠ WARNING

Parking the vehicle incorrectly can result in the vehicle rolling, even on slight downhill slopes. Accidents and serious or fatal injuries could result.

- Make sure the parking brake is set before exiting the vehicle and the red Ⓟ indicator light in the instrument cluster display is on.
- Ignition switch: Never remove the remote vehicle key from the ignition switch when the vehicle is in motion. Otherwise, the steering lock could engage suddenly. Then you would not be able to steer the vehicle.
- When parking the vehicle, always follow the steps in the specified order.

⚠ WARNING

If you leave children, people requiring assistance or animals unattended in the vehicle, they may accidentally set the vehicle in motion or be subjected to very high or low temperatures. There is a risk of accidents and serious or fatal injuries.

- Never leave children, people requiring assistance or animals unattended in the vehicle.

Parking spaces and surroundings

To avoid damage and dangerous situations, always park the vehicle in a suitable parking area.

NOTICE

The vehicle can slip on uneven, loose, slippery or icy surfaces and it may not be possible to safely hold it despite the

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parking brake being applied. This can result in damage to the vehicle.

- Always park the vehicle on level and suitable ground.

NOTICE

Vehicle components that are low to the ground such as the bumpers, spoilers, and parts of the suspension may collide with objects protruding up from the ground when they are driven over. The vehicle can be damaged.

- Drive carefully over driveways, ramps, curbs and fixed barriers, as well as when driving through dips.

Rear seat information

The function depends on the vehicle equipment.

If the ignition is switched off, a message appears in the Infotainment system to remind you not to leave behind passengers in the rear seats →⚠.

If a rear door was used prior to driving, a message will also be displayed in the instrument cluster and a warning tone will sound if necessary. The warning tone can be activated and deactivated in the vehicle settings in the Infotainment system.

Rear seat information muted.

Parking brake



Fig. 1 Between the front seats: Parking brake with lock button (general example).

Set the parking brake

1. Firmly pull up the parking brake lever with the lock button pressed→ *fig. 1* , →⚠.

If the parking brake is applied, the red warning light in the instrument cluster comes on.

Releasing the parking brake

1. Pull up the parking brake lever somewhat and press the lock button→ *fig. 1*.
2. Guide the parking brake lever down when the lock button is pressed.

WARNING

Applying the parking brake incorrectly can cause accidents, vehicle damage and serious injuries.

- Always firmly set the parking brake when parking the vehicle. The red warning light comes on even if the parking brake is only set slightly. In this case, the vehicle will not be securely held.
- Never drive with the parking brake set slightly. This can overheat the brake and negatively impact the brake

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system. It also leads to premature wear of the rear brake pads.

WARNING

The parking brake is not designed for braking the vehicle. The braking distance will be significantly longer because only the rear wheels will be braked under certain circumstances. This can cause accidents and serious or fatal injuries.

- Always use the brake pedal to brake the vehicle and never the parking brake unless it is an emergency.

NOTICE

If the parking brake is not applied and you release the brake pedal, the vehicle may move forward or backward a few centimeters (inches). This can cause damage to the vehicle.

This also applies to the engaged parking lock P.

- Always engage the parking brake first before releasing the brake pedal.

If you drive at a speed above approximately 6 km/h (approximately 4 mph) with the parking brake engaged, a warning signal will sound.

Safety instructions

WARNING

Parking systems are not a replacement for the driver's attention and can only operate within the limitations of the system. The parking systems cannot detect all driving situations and may not react, or may react with a delay, or may react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Always keep an eye on the direction of travel and the vehicle surroundings when parking.
- Pay particular attention to small children, animals and objects when parking.
- Do not allow the parking system's display to distract you from the traffic around you.
- Bear in mind that the parking system may not react if the vehicle approaches too quickly and will not issue a warning.
- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.

NOTICE

When you maneuver in a parking space without a curb, the vehicle may be damaged by obstacles.

- Keep a safe distance of approx. 50 cm (around 20 in) from walls and buildings.

Sensor and camera boundaries

Various sensors and cameras that detect the vehicle surroundings ultrasonically, by radar waves, and visually are located on and in the vehicle. The various parking systems use different combinations of sensors. All sensors have technical and physical limits →⚠:

— In some situations, some objects may not be detected, e.g. trailer draw bars, narrow poles, fences, posts, and trees, extremely low or high obstacles, or trunk lids that are opening or already open →(!).

— The parking system coverage areas have “blind” spots in their range where they cannot detect people and objects.

— Dirt, ice, or water on the sensors and cameras may be detected as obstacles or prevent the detection of objects in some cases. In addition to dirt and snow, soap residue or other coatings can also impair the sensor range *(→ Vehicle care exterior)*.

— External noises and certain surfaces on objects and clothing can affect the sensor signals. In some situations, people and objects may not be detected or may be detected incorrectly.

— Certain objects, such as small posts or grating, cannot be shown or cannot be adequately shown due to the resolution of the screen and if there is insufficient lighting.

— The cameras only show two-dimensional images on the screen. Due to the lack of depth of field, it may be difficult

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or impossible to identify protruding objects or recesses in the road.

Volkswagen recommends practicing with the parking systems in a location or parking space with no traffic in order to become acquainted with the functions.

Requirements

The use of parking systems, e.g. with camera assistance, may not be allowed in some countries and regions according to legal provisions.

General information

So that the sensors and cameras can detect the area surrounding the vehicle as well as possible and display this image on the Infotainment system screen, the following requirements must be met.

- ✓ The doors and trunk lid are closed.
- ✓ The outside mirrors must not be folded in.
- ✓ Sensors or cameras are not covered by attachments, e.g. bicycle rack systems, or license plate holders with decorative frames. The decorative license plate holder must not protrude at the sides or bottom.
- ✓ The vehicle must be on level ground.
- ✓ The vehicle must not be loaded primarily in the rear or on one side.
- ✓ Engine is running.
- ✓ Braking assistance systems such as ESC or ASR are switched on.

If you use any other functions in the Infotainment system while you are parking, the parking function and its warning chimes will be deactivated.

Finding a suitable parking space

- ✓ The length and width of the parking space must be larger than the vehicle measurements and provide enough space to maneuver.
- ✓ The distance when driving past the parking space is approx. 1 m (approx. 3 feet).
- ✓ Vehicles with Park Assist: The speed when passing the parking space is, for parking spaces parallel to the road, maximum approx. 40 km/h (approx. 25 mph), and for parking spaces across the road maximum approx. 20 km/h (approx. 12 mph).

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Automatic braking intervention

The automatic braking function of the parking system helps to avoid collisions once an obstacle is detected.

Parking systems with braking support

Depending on the vehicle equipment, the vehicle has parking systems with a maneuvering and/or emergency braking function →⚠.

⚠ WARNING

Automatic braking support is not a replacement for the driver's attention and works only within the system limitations. In some driving situations, the automatic braking support may be limited or may intervene in a way that is not desired or may not engage at all. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- In a hazardous situation, apply the brakes using the brake pedal before encountering an obstacle.
- React quickly to parking system warnings, e.g. Park Distance Control.

When is automatic braking available?

✓ A parking system has been activated by the driver.

✓ Park Distance Control: Maneuver braking is activated in the Infotainment system.

✓ When maneuvering, the vehicle is not driving faster than approx. 10 km/h (approx. 6 mph).

What happens during an automatic braking intervention?

The vehicle brakes to a stop and is kept stationary for around two seconds.

Automatic braking by the maneuver braking function. Stop the vehicle with the brake pedal!

Automatic braking intervention by Rear Traffic Alert. Stop the vehicle with the brake pedal!

Park Assist: The vehicle may brake if the speed is too high or in order to reduce damage.

Depending on the vehicle equipment, there may be a message on the instrument cluster display.

Maneuver braking for Park Distance Control

The maneuver braking is automatically switched on each time the ignition is switched on.

Maneuver braking can be temporarily deactivated using the function key in the display of the Park Distance Control or in the vehicle settings of the Parking and maneuvering menu.

If Park Distance Control has activated automatically when driving forward, automatic braking does not take place in the front area *(→ Park Distance Control (PDC))*.

After a braking intervention, maneuver braking may be inactive for a short distance or may only be ready for operation after a gear change. Drive carefully for the first few meters, e.g. in case of further obstacles in the vicinity.

Permanent deactivation of maneuver braking can be permanently saved in the driver personalization user profiles, depending on the country. The settings will automatically change when the account is switched.

Driving with a trailer

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If a trailer is connected electrically, the automatic braking support in the rear area is deactivated.

If the trailer hitch was not installed at the factory, the parking system must be manually deactivated when towing a trailer.

General information

Switch the parking system off temporarily if automatic braking support happens too frequently or when undesired and maneuver the vehicle carefully, for example when driving off-road or parking in your garage.

The parking process is canceled following Park Assist emergency braking due to an obstacle.

Following a Rear Traffic Alert emergency braking intervention, it will take approx. 10 seconds before automatic braking support can occur again.

Troubleshooting

The parking system is functioning differently than expected

— The requirements for the parking system are not met *(→ Parking systems)*.

— The sensors or camera may be dirty or covered with ice *(→ Vehicle care exterior)* →ⓘ.

— The camera image is unclear *(→ Vehicle care exterior)* →ⓘ.

— Sources of noise interfere with the ultrasonic signal, e.g. driving over cobblestones→ⓘ.

— The vehicle may be damaged in the radar sensor area, for example, due to parking barriers or an accident→ⓘ.

— There may have been changes to the paint or vehicle structure in the area where the sensors or camera are located, for example on the front of the vehicle or the suspension →ⓘ.

— The areas detected by the sensors or camera may be blocked by accessories such as bicycle racks.

Fault displays

1. Note any messages on the instrument cluster display and in the Infotainment system.

NOTICE

If you use the parking system despite a malfunction, the vehicle may be damaged.

- Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility in the event of a parking system malfunction. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

! No sensor range or Park Distance Control malfunction

If a sensor malfunctions, the sensor area is deactivated. The! symbol shows the affected sensor area in the Infotainment system.

Park Distance Control is switched off completely if necessary.

If Park Distance Control is malfunctioning, a continuous tone will sound for several seconds when you switch it on. Where applicable, a message will appear in the instrument cluster display.

1. Check if one of the causes listed above is responsible.
2. Once the source of the issue has been resolved, switch the system on again.
3. If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Maneuver braking restricted or not available

A message is displayed.

Automatic braking occurs unexpectedly or does not occur as usual. If the function is switched off, automatic braking does not occur.

1. Check the sensors on the vehicle for damage or dirt and clean them if necessary *(→ Vehicle care exterior)*.
2. Switch the ignition off and back on again.
3. If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Malfunction of Camera Image of the Rear View Camera System

The camera image is unclear, “flickering” or has been disabled.

A technical malfunction may have occurred.

1. In the event of an unclear camera image, clean the Rear View Camera system *(→ Vehicle care exterior)*.
2. If the problem persists, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Parking Function Screen Not Displayed Following Activation

The parking system has been switched on or activated, yet the display in the Infotainment system does not change to the function-specific screen, e.g. segment display for Park Distance Control, camera display during Park Assist.

1. Switch the parking system off and on again.
2. If the screen is still not displayed, a system malfunction has occurred. Contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Park Assist is canceled automatically

Park Assist will end the parking process if one of the following situations occurs:

— The P button is pressed.

— The driver takes over steering.

— The driver’s door is opened.

— The time limit or number of movements for the parking process is exceeded.

— ASR is switched off or it engages.

— There is a system malfunction.

1. Restart the parking process.

Park Assist is active and supports steering movements when the vehicle is stationary

If Park Assist attempts to turn the steering while the vehicle is stationary, the white symbol appears in the

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instrument cluster display.

1. Press the brake pedal.

After a wheel change, Park Assist parks inaccurately

If, after a wheel change, Park Assist parks inaccurately, e.g. with an increased or reduced distance from the curb, the system may have to reacquire the wheel sizes.

1. Drive the vehicle over a longer distance, including around bends.

   The Park Assist system automatically learns the new wheel sizes.

Introduction

Park Distance Control assists the driver when parking and warns if there are obstacles.

How it works

Using ultrasonic sensors, Park Distance Control detects the distance between the vehicle and an obstacle.

The Park Distance Control warns you of a collision via colored segments on the screen of the Infotainment system and via warning chimes →ⓘ.

If the driver does not respond to an approaching obstacle, automatic braking support may intervene (depending on the vehicle equipment) *(→ Automatic braking support)*.

⚠ WARNING

The Park Distance Control is not a replacement for the driver's attention and works only within the system limitations. Park Distance Control might not be able to detect some obstacles and may not react, may react late, or may react in a way that is undesired. If you do not take care, there is a risk of accidents and serious injuries.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- React quickly to the Park Distance Control visual warnings and chimes.
- Apply the brakes using the brake pedal before encountering an obstacle.

NOTICE

The system will only provide visual and audible warnings for obstacles within the vehicle's path. The collision area has been reached, at the latest, when the second to last segment is displayed in the Park Distance Control screen or a continuous warning tone sounds. There is a risk of damage to the vehicle.

- Always brake the vehicle in good time before encountering an obstacle.

NOTICE

Depending on the vehicle equipment, distances to obstacles in the side areas are also displayed. Any obstacles that enter these areas from the outside are not displayed. The vehicle may be damaged in this instance.

- In order to fully scan and display the side areas, move the vehicle a few meters forwards or backwards.

Screen display

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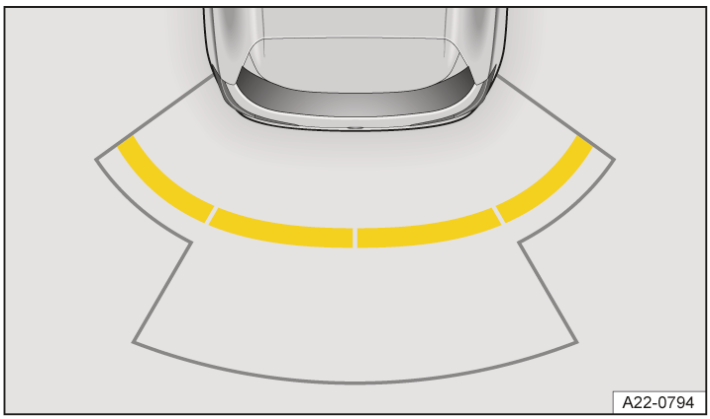


Fig. 1 Infotainment system: display of rear Park Distance Control (general example).

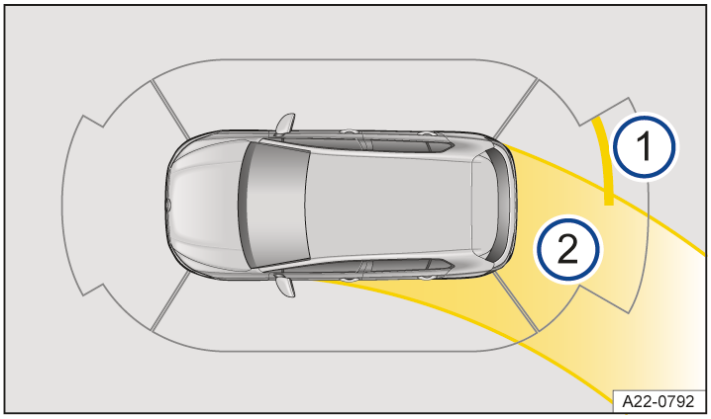


Fig. 2 Infotainment system: Display of Park Distance Control (general example).

1 Obstacle display.

2 Steering lock.

Red section of the image: nearby obstacle. The vehicle is at risk. Brake!

Yellow section of the image: obstacle in the path of the vehicle. The vehicle is at risk. Steer around the obstacle.

White or grey section of the image: obstacle outside of the vehicle's path.

Switch maneuver braking on and off(depending on the vehicle equipment).

Mute the warning chimes.

Park Distance Control settings

Depending on the vehicle equipment, settings for the Park Distance Control can be adjusted in the vehicle settings in the Infotainment system *(→ Vehicle settings menu)*.

Driving with a trailer

If a trailer electrical system is connected, the rear sensors of the Park Distance Control are not switched on:

— You are not warned about obstacles.

— The maneuver braking is also deactivated automatically.

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You can save some PDC settings, like the volume of the warning chimes, in the driver personalization user profiles. The settings will automatically change when the account is switched.

Switching Park Distance Control (PDC) on and off



Fig. 1 In the upper section of the center console: Park Distance Control button.

Switching on

1. Select the reverse gear.

   Or: press the button → *fig. 1*.

   Or: The vehicle will roll backward.

Switching off

1. Disengage reverse gear and then press the button → *fig. 1*.

   Or: engage the P selector lever position.

Park Distance Control also switches off when forward travel becomes faster.

If the Park Distance Control screen is closed by tapping the function key when reverse gear is engaged, an acoustic warning is still emitted when an obstacle is ahead.

Automatic activation when driving forward

You can activate or deactivate the function in the vehicle settings menu in the Infotainment system.

Park Distance Control switches on automatically in the event of an obstacle in the front area, e.g. in dense traffic or when driving into a garage.

1. To close the Park Distance Control screen again, tap the home button.

No automatic braking intervention takes place *(→ Automatic braking support)*. The braking support can be switched on via the function key.

Automatic activation is available again under following conditions:

— The vehicle has been accelerated to more than approx. 15 km/h(approx. 9 mph) and then the speed has fallen below this again.

  Or: the ignition has been switched off and on again.

  Or: parking lock P has been changed to a gear.

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If an obstacle is detected in front of the vehicle, the Park Distance Control display appears in the Infotainment system. If the vehicle continues to approach the obstacle, a warning chime also sounds.

Introduction

The Rear View Camera system in the rear of the vehicle makes it easier for the driver to see behind the vehicle and assists when parking.

How it works

The Rear View Camera system shows the area behind the vehicle on the Infotainment system screen. Depending on the mode and vehicle equipment, orientation lines may assist in the view toward the rear →⚠.

⚠ WARNING

The Rear View Camera system is not a replacement for the driver's attention and works only within the system limitations. Using the camera image to estimate the distance to people or obstacles may not be precise. If you do not take care, there is a risk of accidents and serious injuries.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Bear in mind that camera lenses can enlarge and distort the field of vision.

The orientation lines superimposed on the camera image are shown by the system regardless of the vehicle's surroundings. There is no automatic obstacle detection by the camera while it is active. The driver must evaluate whether the vehicle will fit in the parking space.

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Switching the Rear View Camera system on and off

Switching on

1. Select the reverse gear.

Switching off

1. Disengage reverse gear.

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Parking (Rear View Camera system without parking mode selection)

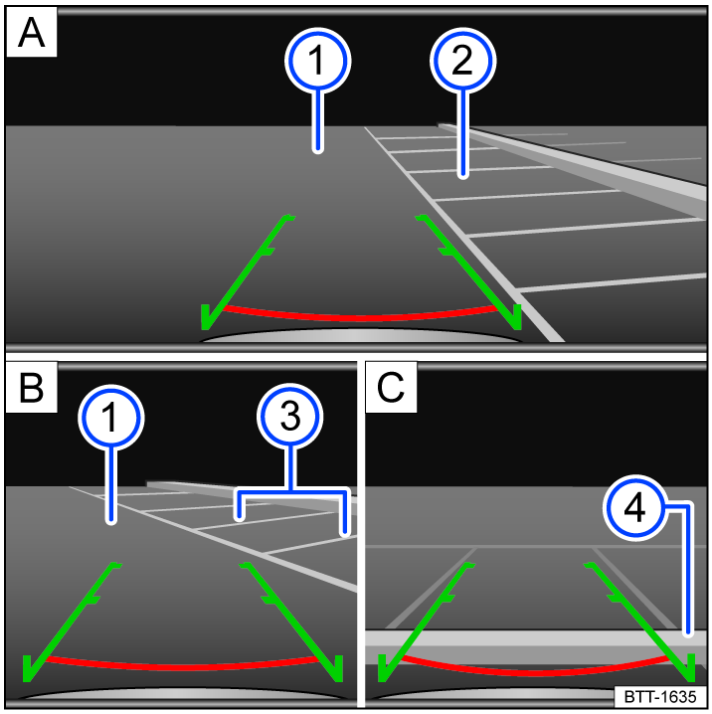


Fig. 1 Infotainment system: Parking with the Rear View Camera system.

- (A) Searching for a parking space.
- (B) Steering toward the selected parking space.
- (C) Aligning the vehicle within the parking space.
- (1) Road surface.
- (2) Selected parking space.
- (3) Side boundaries of the selected parking space.
- (4) Rear boundary of the parking space.

Screen display

Red line: Boundary or safety distance from the vehicle.

Green side line: Extension of the vehicle.

Adjust the brightness, contrast, and color.

Depending on the country, if the camera image on a parking system has been switched on by engaging the reverse gear, no function keys are displayed for safety reasons. These function keys can be displayed again by tapping the function key MENU.

1. Position your vehicle in front of the parking space → *fig. 1* A (2).
2. Select the reverse gear.
3. Slowly reverse while steering so that the green side lines line up with the selected parking space. The green lines must line up with the side boundaries of your parking space → *fig. 1* B (3).

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4. Stop when the red horizontal line reaches the rear boundary→ *fig. 1* C (4).

Introduction

Park Assist displays a suitable parking space and assists the driver when parking and leaving the parking space.

How it works

Park Assist is an extension of Park Distance Control.

Park Assist steers the vehicle into a parking space while the driver operates the accelerator pedal, the gears and the brake →⚠.

Available functions

— Driving into a suitable parallel parking space or parking bay.

— Driving out of a suitable parallel parking space.

— Displaying suitable parking spaces in the Infotainment system.

— Changing the parking space selection.

The driver should continuously monitor the area surrounding the vehicle→⚠. Automatic braking support may intervene if there are obstacles in the vehicle's path or in dangerous situations *(→ Automatic braking support)*.

If the driver accelerates too much during the parking process, automatic braking support may occur. The parking process can then be resumed.

Driving with a trailer

Park Assist cannot be activated if a trailer is connected to the electrical system.

If the trailer hitch was not installed at the factory, Park Assist must be manually deactivated in trailer mode.

⚠ WARNING

Park Assist is not a replacement for the driver's attention and works only within the system limitations. Park Assist cannot detect all driving situations and may not react, may react with a delay, or may react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- In a hazardous situation, apply the brakes using the brake pedal.

⚠ WARNING

If you use another function in the Infotainment system when maneuvering with the parking system, all active parking functions will switch off, including the warning chimes. You will no longer be warned about a collision or receive intervention. Accidents and serious or fatal injuries could result.

- Do not use any other functions in the Infotainment system while maneuvering.

NOTICE

Park Assist orients itself to parked vehicles, curbs, or other objects. If there are obstacles on the ground, low-down vehicle components such as tires and wheel rims may be damaged.

- Watch out for obstacles on the ground when parking.
- Brake and stop the parking process if necessary.

NOTICE

Aftermarket accessories mounted on the vehicle, such as bicycle racks, can interfere with the Park Assist functionality and can cause damage.

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- Do not use Park Assist if there are attachments fitted on the vehicle.

Searching for parking spaces



Fig. 1 In the upper section of the center console: Park Assist button.

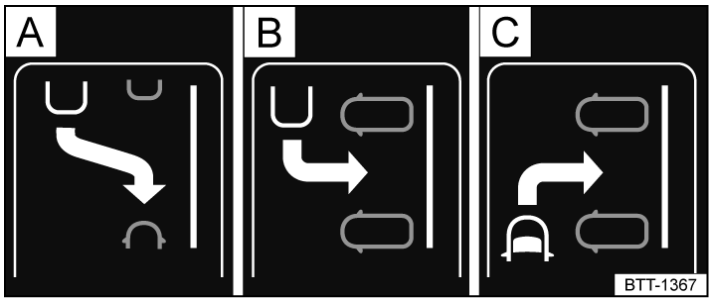


Fig. 2 In the instrument cluster display: park modes for driving into parking spaces.

(A) Parallel parking in reverse.

(B) Cross parking in reverse.

(C) Cross parking driving forward.

Searching for parking spaces

1. Press the button → *fig. 1*.

   The yellow indicator light turns on and the parking function is active.

2. While paying attention to traffic around your vehicle, drive slowly past a row of parked vehicles.

   Park Assist automatically looks for a suitable parking space.

   Or: press the turn signal to look for a parking space on the opposite side of the road.

   If a parking space is found, a parking mode will be displayed→ *fig. 2*.

3. If, for example, you would like to drive forward to park in a space at an angle to the road, press the button and select parking mode → *fig. 2* C.

   Or: to select multiple parking spaces displayed in a row, press the button multiple times.

Park Assist can be activated subsequently. If you drive past a suitable parking space, this will be indicated.

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Driving into parking spaces

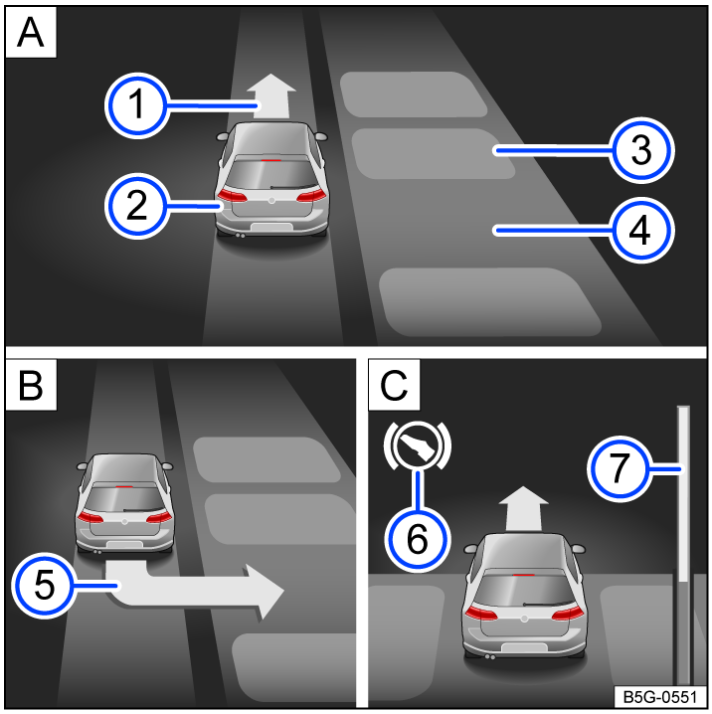


Fig. 1 In the instrument cluster display: parking perpendicular to the road.

(A) Searching for a parking space.
(B) Driving into a parking space.
(C) Maneuvering into a parking space.
(1) Prompt to drive forward.
(2) Your vehicle.
(3) Parking vehicle or obstacle.
(4) Detected parking space.
(5) Request to drive backwards.
(6) Request to brake.
(7) Progress bar (relative distance remaining).

1. Stop the vehicle in front of or behind the parking space.
2. Pay attention to the prompt for parking in the instrument cluster display→ *fig. 1* (5).
3. Engage reverse gear if a backwards arrow appears in the instrument cluster display.
4. Release the steering wheel.
5. Release the brake.
6. Pay attention to the messages and indicators in the instrument cluster display.
7. Accelerate carefully.
8. If a chime sounds, the indicator lights up or a message appears in the instrument cluster display, brake the vehicle.
9. At the end of a parking maneuver, always wait until Park Assist has completed all rotational movements of the steering wheel in order to achieve an optimum parking result →.

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10. Carry out several parking maneuvers if necessary.

    When the process of driving into a parking space is finished, a text message appears in the instrument cluster display.

11. Park the vehicle *(→ Parking)*.

WARNING

During maneuvering, the steering wheel turns quickly. Interfering with the steering wheel can result in serious injury.

- Do not take over the steering until the system prompts you to do so.
- Take over the steering in dangerous situations.

Exiting a parking space

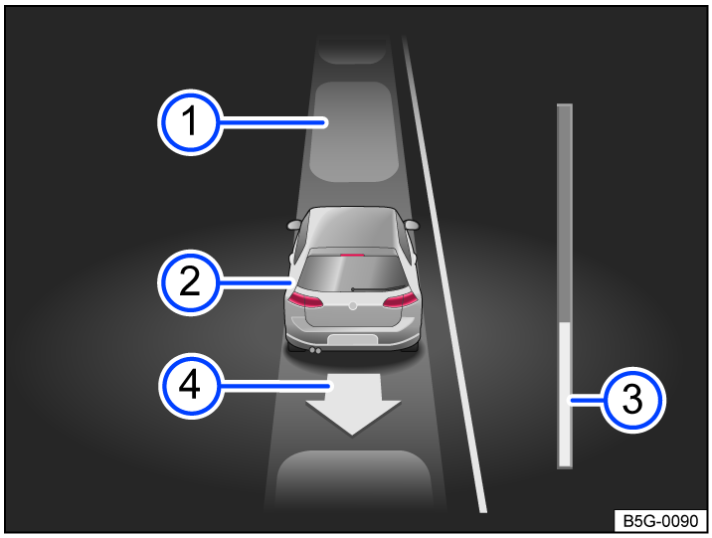


Fig. 1 In the instrument cluster display: reversing out of a parking space parallel to the road.

(1) Vehicle parking.
(2) Your vehicle.
(3) Progress bar (relative distance remaining).
(4) Direction of travel when driving out of a parking space.

1. Press the P button.
2. Activate the turn signal for the side of the road where the vehicle should drive out of the parking space.
3. Select the reverse gear.
4. Let go of the steering wheel when the messageSteering intervention active! Check surrounding area.is displayed.
5. Accelerate carefully.
6. If a chime sounds, the indicator lights up or the prompt to drive forward appears in the instrument cluster display, brake the vehicle.
7. Perform the procedure for exiting the parking space until a message appears in the instrument cluster display and possibly a tone signaling the end of the parking space exit procedure.
8. Press the brake pedal until the steering movements from Park Assist have stopped or the indicator in the instrument cluster display turns off.

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9. Take over steering with the steering wheel at the angle already set.
10. Drive the vehicle out of the parking space → ⚠.

⚠ WARNING

When you maneuver out of a parking space, there is a danger of pulling into moving traffic. Accidents and serious or fatal injuries may occur.

- Only drive the vehicle out of the parking space when the traffic situation allows it.

Rear Traffic Alert

Rear Traffic Alert monitors the cross traffic when reversing out of a space or maneuvering.

How it works

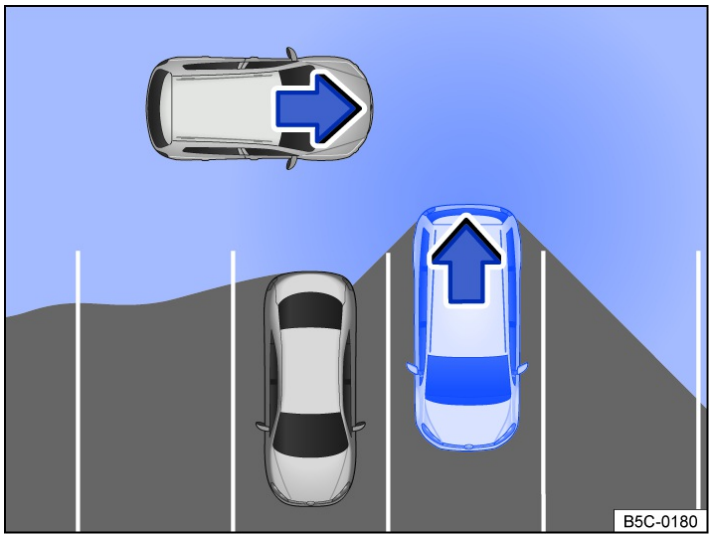


Fig. 1 Monitored area around the vehicle that is exiting a parking space (general example).

Radar sensors behind the cover of the rear bumper monitor the rear and side areas of the vehicle.

In the even of approaching or moving objects, the driver is warned of an obstacle → *fig. 1*, → ⚠.

If there is an obstacle, a warning signal will sound. Depending on the vehicle equipment, a colored display of the obstacle area is shown in the Infotainment system → *fig. 2* or a warning light with a message is displayed in the instrument cluster.

Obstacle detected.

If the driver does not respond, automatic braking support may kick in *(→ Automatic braking support)*.

If Park Distance Control is deactivated, the driver cannot be sent any feedback. Rear Traffic Alert is also temporarily deactivated.

⚠ WARNING

Rear Traffic Alert is not a replacement for the driver's attention and works only within the system limitations. All approaching objects, e.g. pedestrians or objects approaching quickly, may not be detected. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Pay attention to the traffic situation and the vehicle environment when leaving a parking space.
- React quickly to the visual warnings and warning chimes of the Rear Traffic Alert system.

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Switching on and off

1. Press the button on the steering wheel to select the function in the instrument cluster.

   Or: depending on the vehicle equipment, open theParking and maneuvering menu in the vehicle settings of the Infotainment system *(→ Vehicle settings menu)*.

2. Switch Rear Traffic Alert on or off.

This setting can be saved in the driver personalization user profiles and can be changed automatically when the user account is switched.

Screen display

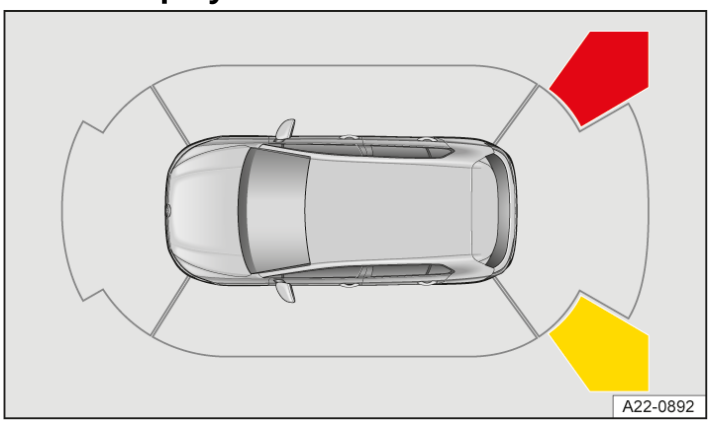


Fig. 2 Infotainment system: Rear Traffic Alert display (general example).

Red section of the image: nearby obstacle. The vehicle is at risk. Brake!

Yellow section of the image: obstacle in the path of the vehicle. The vehicle is at risk. Steer around the obstacle.

Calibration

After the delivery of the vehicle, the radar sensors are calibrated within the first kilometers driven. This happens only once, and then again if the sensor technology has been repaired. The range of the sensors may be limited during the calibration phase.

Driving with a trailer

Rear Traffic Alert cannot be activated if a trailer is connected to the electrical system.

If the trailer has been disconnected, the Rear Traffic Alert is reactivated after switching on the ignition.

If the trailer hitch was not installed at the factory, Rear Traffic Alert must be manually deactivated when towing a trailer.

Information about braking assistance systems

Braking assistance systems can stabilize the vehicle in critical driving or braking situations and increase driving safety. The driver is always responsible for safe driving →⚠.

— If a braking assistance system is regulating, continue braking with the necessary force.

— If necessary, steer the vehicle.

⚠ WARNING

Braking assistance systems cannot replace the driver's attention and can only operate within the limitations of the

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system. Fast driving on icy, slippery, or wet roads, as well as following the vehicle ahead too closely, may impair the vehicle stability and cause you to lose control of the vehicle. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions. Do not take any risks.
- Always keep the footwell beneath the pedals clear so that the brake pedal is unobstructed and can move freely.
- Always use suitable tires, as driving stability depends on the tires' ability to grip the road.

— ESC

, ABS and ASR only function correctly when all four wheels have the intended tires→⚠.

— If the ABS

malfunctions, the ESC, ASR and EDS also fail.

When the ignition is switched on, the condition of the braking functions is automatically checked. The indicator lights will come on briefly and then turn off. If an indicator light remains on permanently, there is a malfunction. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility immediately. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

The effectiveness of the ESC

may be reduced considerably if other components and systems that affect driving dynamics have not been maintained correctly or are malfunctioning. This applies especially to changes to the suspension and unapproved rim/tire combinations. Accidents and serious or fatal injuries could result.

- Ensure that conversion and modifications to the vehicle are only performed by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Always use suitable tires, as driving stability depends on the tires' ability to grip the road.

Electronic Stability Control (ESC)



ESC

is regulating the vehicle to reduce the risk of skidding and improve driving stability →⚠. The indicator light flashes yellow.

Anti-Slip Regulation (ASR)



ASR

is regulating the vehicle to reduce the risk of the wheels spinning. The indicator light flashes yellow.

ASR

reduces drive power at wheels that are spinning and adapts the drive power to the road conditions. ASR makes it easier to start, accelerate, and drive up hills →⚠.

Anti-Lock Brake System (ABS)

ABS

prevents the wheels from locking during braking so that the vehicle can be steered →⚠.

Switching the braking support system on and off

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Brake Assist System (BAS)

BAS

can help to reduce the vehicle braking distance. When the driver presses the brake pedal quickly in emergency situations, BAS increases braking force →⚠.

Electronic Differential Lock (EDL and XDL)

EDS

automatically applies the brakes to a wheel that starts spinning and transfers the drive power to the other driving wheels.

XDS

is an extension of the electronic differential lock, and improves traction with braking support to help keep the vehicle in its lane.

Multi Collision Brake

If the airbag control module has detected a collision in an accident situation, the Automatic Post-Collision Braking System automatically brakes the vehicle.

Requirements for automatic braking:

✓ You are not pressing the accelerator pedal.

Brake booster

The braking support only functions when the engine is running and it enhances the pressure applied to the brake pedal by the driver.

If the brake booster is not in operation or the vehicle is being towed, you will need to press the brake pedal harder because the lack of braking assistance will increase the braking distance →⚠ *(→ Braking assistance systems)*.

⚠ WARNING

Driving without the brake booster or when the brake booster's system function is limited can increase the braking distance significantly. This may lead to accidents resulting in serious or fatal injuries.

- Never stop the engine or switch the ignition off while the vehicle is moving.
- Press the brake pedal harder if the brake booster does not work or the vehicle is being towed.
- Always keep the footwell beneath the pedals clear so that the brake pedal is unobstructed and can move freely.

Driving situations

In order to avoid risks, the brake systems should not be switched off under normal conditions→⚠.

⚠ WARNING

When ESC

Sport is switched on, the risk of the vehicle swerving is significantly higher. The vehicle can be difficult for inexperienced drivers to handle at high speeds. Accidents and serious or fatal injuries could result.

- Only switch on ESC

  Sport if you are driving on a closed track and are experienced in sporty driving.
  ●
- Do not take any risks.

Switching on and off

1. Open the vehicle settings of the Infotainment system *(→ Vehicle settings menu)*.

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2. Open the settings for parking systems.
3. Select the function.

If the setting is no longer being used, you should completely switch off the braking assistance system again→⚠.

ASR

It can be helpful to switch offASR

when the vehicle is driven on loose ground or when “rocking” the vehicle out of place because it is stuck →⚠.

OFF

ASR is manually switched off. The yellow indicator light turns on.

ESC Sport

The function assists with sporty driving. TheESC

intervenes later to stabilize the vehicle, e.g. during fast cornering →⚠.

OFF

ESC Sport is switched on. The yellow indicator light turns on.

Troubleshooting

Brake Booster Malfunction

The yellow indicator light turns on.

A message is displayed for a few seconds.

1. Press the brake pedal harder, as the reduced braking assistance will increase the braking distance.
2. Contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

ABS failure or malfunction

The yellow indicator light turns on.

1. Contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

The vehicle can be braked withoutABS

.

ESC malfunction

The yellow indicator light turns on.ESC

has been switched off.

There is a fault or malfunction.

1. Switch the ignition off and on.
2. Drive a short distance at a speed of approximately 15 km/h(approx. 9 mph) to 20 km/h (approx. 12 mph).
3. If the indicator light stays on, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Noises in the braking assistance systems

When the braking assistance systems are actively regulating, the brake pedal may move or noises may occur.

1. Continue braking with the necessary force and steer the vehicle as required.

WARNING

If the brake warning light comes on together with the indicator light, the regulating function of the ABS could be malfunctioning. This can cause the rear wheels to lock when braking. This could cause you to lose control of the vehicle and lead to accidents with serious or fatal injuries.

- Drive at low speed to the nearest authorized Volkswagen dealer or authorized Volkswagen Service Facility to have the brake system checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Avoid sudden braking or driving maneuvers.

WARNING

If the indicator light does not turn off, or comes on during the journey, the ABS is not working correctly. The vehicle can only be stopped with the normal brakes. If the ABS is restricted, this may lead to accidents causing damage to the vehicle and serious or fatal injuries.

- Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Introduction

WARNING

Loose objects can be thrown around the inside of the vehicle during sudden driving or braking maneuvers. This can cause a loss of vehicle control, and can cause accidents and serious or fatal injuries.

- Store objects in only closed storage compartments.
- Always keep the storage compartments closed while driving.
- Do not place mobile devices or similar objects in the rear center armrest storage system while driving.
- Only hang lightweight clothing, up to a maximum of 2.5 kg (approximately 5.5 lbs), from the coat hooks in the vehicle.
- Never leave heavy, hard or sharp objects in clothing pockets.

WARNING

Incorrect usage of the cup holders can cause injuries. While driving, during a sudden braking maneuver or in the event of an accident, objects in the cup holder may be thrown around and hot drinks may be spilled. This can cause serious injuries and serious burns.

- Only stow soft, break-resistant, closed vessels in the cup holder.
- Integrated storage systems of the rear center armrest must always be used in the locked end positions.
- Do not place hot beverages in the cup holders.
- Take care that only suitably sized drinks are stored in the cup holder. Drinks must always be steady and secure in the cup holder.

WARNING

If the glove compartment is open while you are driving, objects may be flung into the vehicle interior. This can cause a loss of vehicle control, and can cause accidents and serious or fatal injuries.

- Always keep the glove compartment closed while driving.

WARNING

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Lighters in the vehicle can become damaged or ignite unintentionally, for example due to high surface temperatures. This can cause severe burns and vehicle damage.

- Before closing compartments or storage areas, always make sure that there are no cigarette lighters near the sections that will be closing.
- Never place lighters in compartments, in storage areas, or on other surfaces in the vehicle.

WARNING

Closed beverage bottles can explode from heat and burst from frost and cause severe injuries.

- Never leave closed beverage bottles in an extremely hot or extremely cold vehicle.

NOTICE

Objects stored in the vehicle may be damaged by strong sunlight or the effects of heat or cold or cause damage to the vehicle.

- Never leave any objects, groceries, or medications that are sensitive to temperature in the vehicle interior.
- Bear in mind that objects made from transparent materials, e.g. transparent suction cups on door windows, can concentrate sunlight.

NOTICE

Depending on the vehicle equipment, the rear center armrest may have a storage system. Folding in the rear center armrest with the storage system open can damage the cup holder.

- Before folding in the rear center armrest, make sure that objects have been removed and that integrated storage systems are closed or folded in.

Drawers



Fig. 1 Under the right front seat: Drawer.

Opening the drawer

1. Press the button on the drawer handle and pull the drawer in the direction of the arrow.

Closing the drawer

1. Slide the drawer in the opposite direction to the arrow under the front seat until it engages.

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Storage compartment

Depending on the vehicle equipment, there may be a storage compartment for the Owner's Manual under the left front seat.

⚠ WARNING

If the drawer load is too heavy, it could open by itself and the objects inside could fall out. This could interfere with operation of the pedals. This can cause accidents and serious or fatal injuries.

- Always keep the drawers closed while driving.
- Load the drawer with up to a maximum of 1.5 kg(approx. 3.3 lbs).

⚠ WARNING

Objects falling out in the driver footwell may prevent the driver from operating the pedals. This can cause accidents and serious or fatal injuries.

- Only store the Owner's Manual in the storage compartment.

Ashtray and cigarette lighter



Fig. 1 In the front center console: cigarette lighter.

1. Press the cigarette lighter knob into the port when the ignition is switched on.

   When the wire spiral is hot enough, the knob pops out.

2. Pull out the cigarette lighter → ⚠.

⚠ WARNING

Incorrect use of the cigarette lighter or the ashtray can cause fires, burns, and other serious injuries.

- Only use the cigarette lighter correctly.
- Never leave children unattended in the vehicle. The cigarette lighter can be used when the ignition is switched on.
- Never place paper or other objects that could ignite in the ashtray.

ℹ The cigarette lighter port can also be used as a 12 V power socket.

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Introduction

Electrical devices can be connected to the sockets in the vehicle.

The 12 V socket only works when the ignition is switched on.

WARNING

Using sockets and connected electrical devices incorrectly can cause fires and serious or fatal injuries.

- If the electrical devices become too warm, turn off the devices immediately and disconnect them.
- Be aware that sockets and devices connected to them may still be used, e.g. by children in the vehicle, when the ignition is switched off.

NOTICE

Electrical devices that are unsuitable, not permitted, or connected incorrectly may cause damage to the vehicle or electronics.

- Never connect electrical devices that provide power, such as solar panels or battery chargers, to the 12 V socket in order to charge the 12 V vehicle battery.
- Only use electrical devices that have been tested for compliance with the applicable directives for electromagnetic compatibility.
- Do not use any malfunctioning devices.
- To reduce the risk of damage from voltage fluctuations, turn electrical devices off before switching the ignition on or off and before starting the engine.
- Refer to the operating instructions for the electrical devices.

NOTICE

The vehicle electrical system can be damaged when the maximum load is exceeded.

- Never connect electrical devices that draw more than the specified load of a 12 V socket.

The 12 V vehicle battery will drain if the ignition and electrical devices are switched on while the engine is switched off.

Unshielded devices can cause malfunctions in the radio, the Infotainment system and in the vehicle electronics, depending on the vehicle equipment.

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Sockets in the vehicle

Do not exceed the maximum power of the sockets. The power draw of the external devices is indicated on their identification labels.

12 V socket



Fig. 1 In the front part of the center console: 12 V socket with removable cover (general example).

The total continuous output of all 12 V sockets in the vehicle is 120 W *(→ Sockets)*.

The maximum power of a 12 V socket in the vehicle with the engine running totals 180 W.

NOTICE

Using 12 V sockets for too long at maximum power can cause the fuse to blow.

- Never use 12 V sockets at their maximum power for longer than 10 minutes.
- Only ever use a single 12 V socket at maximum power.

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Charging Options for Mobile Devices

You can charge mobile devices in the vehicle either wirelessly or by using the built-in USB-C connectors.

Charging with USB-C Connectors

The vehicle may contain the following USB-C ports:

Symbol for a USB port for data transmission and charging.

Symbol for a USB port for charging only.

Available Charging Power

Voltages up to 20 V are provided via the USB port, which enables up to 45 W charging power.

Depending on the vehicle equipment, the following charging profiles may be supported by the USB ports:

— Legacy charging (2.5 W).
— BC1.2 (7.5 W).
— USB-C charging (15 W).
— USB power delivery (up to 45 W).

The actual charging power of the connected device depends on the following aspects:

— Supported charging profiles.
— Device charge level.
— Device temperature.
— Charging cable used.

For double USB ports, the charging power can be split between both ports.

Wireless charging function

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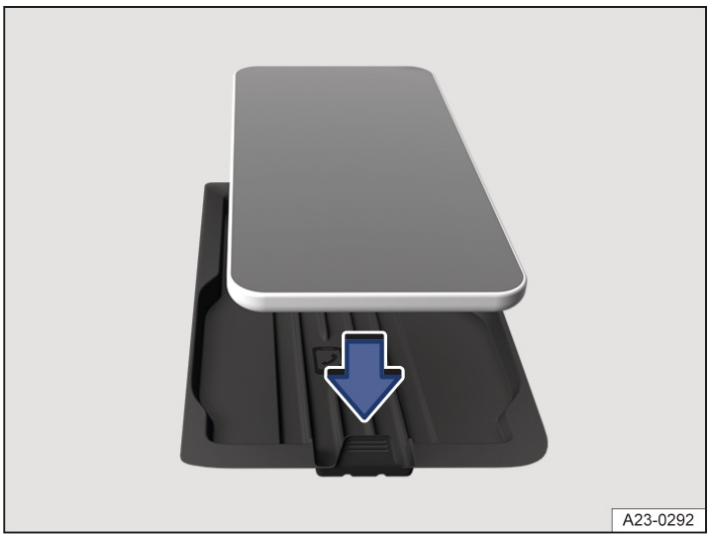


Fig. 1 In the center console: liner pad for wireless charging function (general example).

The wireless charging function depends on the vehicle equipment and is not available in all countries.

Wireless charging enables wireless energy transfer through electromagnetic induction over a short distance for cell phones that are Qi-certified.

The liner pad with a rear shelf for the wireless charging function is located in the area of the center console and is designed for only one Qi-certified cell phone at a time → *fig. 1*.

The charging capacity is 15 W.

Qi Standard

The Qi standard enables wireless charging of suitable Qi-certified cell phones. To find out whether a cell phone supports the Qi standard, see the cell phone operating instructions. An overview of Qi-certified cell phones can be viewed under the following external link of the Wireless Power Consortium, Inc:

https://www.wirelesspowerconsortium.com/products

Volkswagen AG assumes no liability for the completeness and accuracy of this list. The manufacturer of the cell phone may provide additional information regarding compatibility.

Cell phones that are not Qi-certified may be subject to limitations with regard to wireless charging.

The Qi symbol ⫞ is displayed in the Infotainment system to indicate the status of wireless charging.

Wireless Cell Phone Charging

Requirements

✓ A suitable cell phone that is no larger than the designated rear shelf and is Qi-certified.

1. Remove any foreign objects from the storage compartment prior to charging → ⚠.
2. Remove the protective case of the cell phone and any other foreign objects (if present), then place the cell phone flat against the rear shelf with the display facing upward.

   The charging process starts automatically.
3. Refer to the operating instructions for the cell phone.

The Infotainment system informs you when the charging process is starting and, if applicable, if there are any foreign objects with metal components in the storage compartment.

Depending on the vehicle equipment, the charging function can be deactivated manually in the Infotainment system.

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Meaning of the Qi symbols

The white Qi symbol with the on and off switch symbol indicates that wireless charging is switched off.

The white Qi symbol indicates that the cell phone is charging.

The red Qi symbol indicates that wireless charging is not possible.

Tap the Qi symbol for an explanation of the status and, if necessary, to switch on wireless charging.

WARNING

Notifications on the cell phone display may distract the driver. This can result in accidents and serious injury or death.

- Make sure that no objects interfere with the closing function of the cover.
- If the rear shelf includes a cover, always keep the cover closed while driving.

WARNING

Metal objects on the shelf can become very hot. This may cause burns or fires.

- Do not place metal objects or objects with metal components on the wireless charging shelf.
- Remove any foreign objects immediately.

NOTICE

If cards or other objects with magnetic strips or with chips are placed on the rear shelf for wireless charging, the data stored on these may be damaged.

- Do not place any ID cards, debit cards or credit cards with magnetic strips or chips on the wireless charging shelf.

Troubleshooting

Cell phone is not Charging

A message regarding a foreign object in the storage compartment may be displayed in the Infotainment system.

If the cell phone is in an unfavorable position on the liner mat, this can impair the charging function. This can be caused by changes in position – even small shifts that may occur as a result of vibrations, for example.

The position of the cell phone must be corrected in order to restore correct charging function.

1. Align the cell phone centrally on the charging surface.

The charging function can also be impaired by metallic parts – in particular, magnetic parts of a cell phone or its protective case.

1. Rotate the mobile phone approx. 180° with the display still facing upward on the charging surface.

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Cyber security

Cyber security describes measures that reduce the risk of illegal access to vehicle functions, data and control modules caused by malware or an Internet attack. Of all the components in the vehicle, connectivity components are most at risk of unauthorized access or cyber attacks.

Connectivity components comprise control modules for data transmission, interfaces, media and diagnostic connections through which information and data can be exchanged between the vehicle and mobile devices or the Internet.

Connectivity components are equipped with security mechanisms to minimize the risk of unauthorized access to vehicle systems.

Connectivity components include in particular:

— Diagnostic connection port

— Control module with installed eSIM card.

— Phone interface

— App-Connect.

— Wi-Fi ® hotspot.

— NFC radio technology.

— AUX -IN jack.

— Bluetooth® interface.

— CD/DVD drive.

— USB port.

— SD card slot.

The type and number of connectivity components present in your vehicle depends on the vehicle equipment and the country.

Software and security mechanisms

Software and security mechanisms available in the vehicle undergo continuous development. Similar to computers or operating systems on cell phones, software and security mechanisms in the vehicle may also be updated at various times.

Updates improve the security, stability and operating speed of vehicle systems. The update is a preventative measure, for example, to protect from malware and to optimize functionality.

An update is used to update the software of control modules in the vehicle.

Depending on the vehicle and country, there are two ways to update your vehicle:

— Updates by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

— Updates via an Over-the-Air Update.

WARNING

Malware can access data and information stored in the control modules, in the Infotainment system and on connected or paired mobile devices. In spite of the integrated security mechanisms and regular Over-the-Air

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Updates, malware can cause damage and malfunctions in control modules and the vehicle. In the same way, connecting mobile devices that are infected with malware can result in damage and malfunctions in control modules and the vehicle. The damage can lead to a complete loss of your data and malfunctions can cause serious accidents and fatal injuries.

- If the vehicle works or reacts differently to normal, reduce your speed in a controlled manner and contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Perform pending updates as soon as possible once they are made available or have them performed by suitably qualified professionals.
- Protect your mobile devices with a suitable antivirus program and by taking commonly known precautions. Regularly update the antivirus program using the supplied software updates provided by the vendor.

Minimizing risks

You can actively help to reduce the risk of unauthorized access to vehicle systems and functions by following these guidelines:

— Only use data carriers, Bluetooth devices and cell phones in the vehicle that do not contain any manipulated data or malware.

— Ensure that updates provided by Volkswagen are carried out by suitably qualified professionals as soon as possible once they are made available. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility. If the option to perform Over-the-Air Updates is available, depending on the vehicle and country, carry out all updates provided by Volkswagen immediately. If the Over-the-Air Update is ignored multiple times by the driver, an authorized Volkswagen dealer or authorized Volkswagen Service Facility must be contacted for assistance. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

— Only have the vehicle repaired and serviced by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Introduction

Over-the-Air Updates enable us to ensure that your vehicle is always kept up to date, e.g. to protect against malware and optimize functionality.

How can you tell that an Over-the-Air Update is pending?

A pending Over-the-Air Update is displayed in the Infotainment system.

If multiple Over-the-Air Updates are available for the vehicle at the same time, one Over-the-Air Update must be completed successfully before the next Over-the-Air Update can be carried out.

It is in your best interests to perform Over-the-Air Updates as promptly as possible. If the Over-the-Air Update is ignored multiple times by the driver, an authorized Volkswagen dealer or authorized Volkswagen Service Facility must be contacted for assistance. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

In very rare circumstances, it is possible that a control module may no longer work properly after an Over-the-Air Update. Malfunctions in a control module and the vehicle can cause serious accidents and fatal injuries.

- If the vehicle works or reacts differently to normal while driving, reduce your speed in a controlled manner.
- Contact qualified professionals for assistance. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

If the digital instrument cluster malfunctions after an Over-the-Air Update, it will not be possible to display

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instruments, warning lights, symbols or messages. Driving with a malfunctioning instrument cluster can lead to serious accidents and fatal injuries.

- Do not use the vehicle. Contact Volkswagen Customer Care.

NOTICE

If special modifications are made to vehicles outside of the responsibility of Volkswagen AG, such as for service vehicles or taxis, there is a risk that these special functions, e.g. taximeter, will no longer work properly after an Over-the-Air Update.

- Contact your authorized Volkswagen dealer or authorized Volkswagen Service Facility before performing an Over-the-Air Update.

Measures to increase performance or efficiency (e.g. engine tuning) that are not performed by Volkswagen may be reverted by an Over-the-Air Update.

Depending on the vehicle equipment, "release notes" that describe the changes to the vehicle status may be displayed once before or after an Over-the-Air Update.

The Over-The-Air update will not update apps or, if available depending on the vehicle and model, functions or apps acquired via the In-Car Shop.

Requirements for an Over-the-Air Update

The following requirements must be met for an Over-the-Air Update to be downloaded and the software installation for an Over-the-Air Update to be carried out.

✓ The "Over-the-Air Update" function is available in your country.

✓ You have concluded an active contract for using online services.

✓ You have assigned the vehicle to your active Volkswagen user account.

✓ There is a primary user; it may be necessary for you to log in as the primary user.

✓ The vehicle is in an area with enough mobile reception.

✓ Your current privacy settings allow sending and receiving of data and information *(→ Privacy settings)*.

✓ The 12-volt vehicle battery is sufficiently charged.

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Downloading and installing an Over-the-Air Update

Download costs

An Over-the-Air Update is downloaded via the factory-installed control module with aneSIM card and is free of charge. Volkswagen pays the connection charges.

Time of download

The download takes place automatically without a prior notification and is possible even while driving. Once the download has been completed, you will receive notification of a pending Over-the-Air Update.

The download time depends on the network quality, file size and Over-the-Air Update type. It may be the case that the download is interrupted. In this case, the download will resume when the ignition is switched on.

Requirements for software installation

— The vehicle is parked safely in accordance with legal requirements and local conditions .

— The previous Over-the-Air Updates have been installed.

Software Installation of the Over-the-Air Update

Select a time for the Over-the-Air Update during which the vehicle does not need to be driven by you or anyone else.

WARNING

Control units are deactivated and will not be operational for the duration of the software installation. Driving with deactivated or non-functioning control units can lead to accidents and fatal injuries.

- Carry out the software installation so that other road users are not affected.
- Never operate your vehicle during a software installation.

1. Stop the engine and apply the parking brake.
2. Close the engine hood, trunk lid, all windows, the tilting and sliding panoramic sunroof if necessary, and all doors.
3. Confirm the software installation in the Infotainment system.
4. Ensure that all vehicle occupants leave the vehicle and that no animals are left in the vehicle.
5. Exit the vehicle, taking all vehicle keys with you.
6. Lock the vehicle.

Functional limitations during software installation

The control modules, the main computer, functions and displays will not be available during software installation. Do not use the vehicle during this process and do not operate the Infotainment system.

— Mobile online services are not available.

— The Emergency Call Service, Roadside Call Assist and the legally requiredeCall Emergency System are not available.

— Park Distance Control is not available.

Following the software installation

After the software installation and before starting the engine, read the message regarding completion of the

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software installation in the Infotainment system or instrument cluster. The vehicle will require up to 1 minute to display the status of the Over-the-Air Update.

— After a successful software installation, you can continue to use the vehicle again.

— If the software installation is unsuccessful: *(→ System update)*.

Troubleshooting

Installation of an Over-the-Air Update has failed

— If the installation of an Over-the-Air Update was not successful, a corresponding error message will appear in the Infotainment system or instrument cluster. Take note of corresponding messages and warning notifications.

If there was a critical installation error, control modules may no longer function or not function correctly. Functions and displays will not be available until the error is rectified. Do not use the vehicle. If this is the case, contact Volkswagen Customer Care.

Can I interrupt the installation of an Over-the-Air Update?

No, this is not possible.

What happens if installation of an Over-the-Air Update is interrupted?

If installation is interrupted, e.g. due to damage to the vehicle's electrical system, control modules may not be updated and may be damaged by the incomplete installation of the Over-the-Air Update.

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Introduction

Mobile devices can be connected to the Infotainment system via the wired and wireless connections in the vehicle.

The type and number of wired and wireless connections depends on the vehicle equipment and the country. The connections may differ within a model line or in a model with optional equipment.

In wired connections, only use the original connecting cable that belongs to the device or the connecting cable that was placed in the vehicle at the factory, if available.

If the plug on the connector cable cannot be inserted, check the position and the connections.

NOTICE

If you use unsuitable or damaged connector cables and if you insert the plug on the connector cable with excessive force or in the wrong position, this can lead to malfunctions and damage to the device, e.g. the device connection and the plug on the connector cable can be damaged.

- Only use suitable and undamaged connector cables.
- Hold the plug on the connector cable in the correct position and insert it into the intended socket while pressing lightly.
- Make sure the connector cable is not trapped or bent excessively.

If a connected device is not recognized, disconnect all connected devices and then reconnect the device. Check the function of the connector cable used, if necessary.

If malfunctions occur in a connected device, restart the device. This sometimes fixes the error.

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USB port

Using the USB port, you can transfer data and charge devices or only charge devices.

USB-C port



Fig. 1 USB-C connection in the vehicle(general example).

The vehicle may contain the following USB -C ports:

- Symbol for a USB port for data transmission and charging.
- Symbol for a USB port for charging only.
  You can find information about charging options and charging capacity in this Owner's Manual *(→ Charging Options for Mobile Devices)*.

Possible USB port installation locations

The number and installation locations of the USB ports depend on the vehicle and vehicle equipment and are not available in all countries.

— In the center console.

— At the base of the interior rearview mirror.

— In the storage compartment in the center console.

— In the compartment underneath the center armrest.

USB ports at the rear seats only come with a charging function.

Available Data Transfer Functions

The following USB data transfer functions are available depending on the vehicle equipment.

— App-Connect .

— Media playback .

— Update, e.g. of the navigation data *(→ Navigation)*.

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Instructions and restrictions

— Only use suitable USB connection cables. The USB connection cable must match the USB port installed in the vehicle.
— Dirty, overheated or damaged data carriers are not to be used. Read and heed the information provided by the manufacturer.
— Difference in quality between data carriers from different manufacturers can cause problems with media playback.
— Using USB extension cables, USB adapters or USB hubs may result in malfunctions or failure of the USB functions.

Bluetooth® interface

The Bluetooth interface is a wireless connection.

In Bluetooth audio mode, audio files on a mobile device that is connected via Bluetooth, such as a cell phone, can be played through the vehicle speakers.

Bluetooth audio mode is only possible in vehicles equipped with a factory-installed mobile phone interface that supports this function.

Bluetooth profiles

A maximum of three mobile devices can be connected via Bluetooth at the same time.

The following Bluetooth profiles may be available in the specified version or in another version:

— HFP
  1.7.
  — Telephony and handsfree mode.
— A2DP
  1.3.
  — Music playback.
— AVRCP
  1.6.
  — Display and operation for music playback.
  — Transfer of cover art.
— PBAP
  1.2.
  — Access to phone book and call lists.
— MAP
  1.4.
  — Access to SMS and e-mail.

Pairing your mobile device to your vehicle via Bluetooth

1. Tap MENU ▶ ⚙ ▶ Network ▶ Mobile devices ▶ ⚙.
2. Activate Bluetooth.
3. Activate Visibility.
4. Open the list of available Bluetooth devices on the mobile device and select the device name for the Infotainment system.
5. Pay attention to messages on the mobile device and in the Infotainment system and confirm these if necessary.

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If the pairing is successful, the data on the mobile device will be saved in the user profile.

6. *Optional:* confirm the message for transferring the data on the mobile device.

Controlling playback

The extent to which the mobile device connected via Bluetooth can be controlled via the Infotainment system depends on the mobile device.

For media players that support the AVRCP

Bluetooth profile, playback from the mobile device can be started or stopped automatically when Bluetooth audio mode or another audio source is selected.

Because of the large number of possible mobile devices, it is not possible to guarantee that all functions described can be performed correctly.

In general, all warning and operation tones on connected mobile devices, such as touch tones on a cell phone, should be switched off to avoid interference and malfunctions.

Depending on the device, the Bluetooth audio connection may be automatically disconnected if a mobile device is connected to the Infotainment system via Bluetooth and the USB port at the same time.

Introduction

In order to use selected In-Car Apps or streaming for Internet Radio, you need an Internet connection in your vehicle. You have two options for using the Internet in your vehicle: via the hotspot of a mobile device, e.g. a cell phone, or via the eSIM

of the vehicle, depending on the country and the vehicle equipment *(→ Wi-Fi)*.

Regardless of how you establish the Internet connection, whether via a mobile device hotspot or via the eSIM

of the vehicle, you can use the Infotainment system as a Wi-Fi® hotspot for eight other mobile devices *(→ Wi-Fi)*. This function depends on the vehicle equipment and is not available in all vehicles.

If you want to use the eSIM

for Internet access, you need to purchase data plans via the online shop of the Volkswagen mobile communications partner.

If you have concluded a contract for using the mobile online services, you do not need any additional data plans from the external mobile communications partner to use mobile online services.

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Setting up the Internet connection

Using the Internet in the vehicle via the eSIM

In order to use an Internet connection via the eSIM

of the vehicle, you need to purchase data plans in the online shop of Volkswagen's external mobile network provider. If you have activated the Top up in vehicle function during registration, you can then purchase data plans directly in the vehicle via the Infotainment system.

Activating the Internet Connection via the eSIM

---

1. Tap HOME ▶ ⚙ ▶ Data connection.

   Or: Tap MENU ▶ ⚙ ▶ Data connection.

2. Activate Streaming via integrated data connection (eSIM).

The option for using an Internet connection in the vehicle via the eSIM

depends on the vehicle equipment and the country.

Using an Internet connection via a mobile device

Depending on your mobile data rate, additional costs, such as roaming fees, may result from downloading and using data plans online, especially in other countries. Volkswagen recommends using a mobile phone plan with a flat rate data package due to the possible volume of data. Information on this can be obtained from the mobile network provider.

1. Activate tethering/Wi-Fi

   hotspot on the mobile device, see the manufacturer's operating instructions.

2. Tap HOME ▶ ⚙ ▶ Wi-Fi ▶ Wi-Fi:.

   Or: Tap MENU ▶ ⚙ ▶ Wi-Fi ▶ Wi-Fi:.

3. Tap Search for Wi-Fi.

   The Infotainment system scans for Wi-Fi

   hotspots in the area. This scan process can take a few seconds.

4. Select the Wi-Fi

   network for the preferred mobile device.

5. Enter the mobile device network key in the Infotainment system and confirm it.

   The Wi-Fi

   connection between the mobile device and the Infotainment system is established. It may be necessary to make further inputs on the mobile device in order to complete the connection.

Due to the large number of mobile devices that are available, there is no guarantee that all functions will always be available.

The availability of the function for using the Infotainment system as a Wi-Fi

hotspot depends on the country and may vary.

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Setting Up and Deactivating a Wi-Fi® Hotspot

Depending on the vehicle equipment, the Infotainment system can be used as aWi-Fi

hotspot for Internet access for up to eight mobile devices, e.g. cell phones and tablets.

To enable the Infotainment system to be used as aWi-Fi

hotspot, an Internet connection is required, e.g. via the eSIM in the vehicle or via the hotspot of a mobile device *(→ Wi-Fi)*.

The possible types of Internet connections depend on the vehicle equipment and are not available in all countries.

Setting Up a Wi-Fi Hotspot

You will need to enter information both in the Infotainment system and on the mobile device.

1. Tap HOME ▶ ⚙ ▶ Wi-Fi ▶ Infotainment system as hotspot.

   Or: Tap MENU ▶ Settings ▶ Wi-Fi ▶ Infotainment system as hotspot.
2. Tap Use as hotspot and activate it.
3. Search for the Wi-Fi

   hotspot's name on your mobile device.
4. Enter the network key that is displayed on your mobile device and confirm it.

   The Wi-Fi

   connection between the mobile device and the Infotainment system is established. It may be necessary to enter additional information on the mobile device to complete the connection.
5. *Optional:* to connection additional mobile devices, repeat this process.

The network name and network key are generated automatically. You can then change the network name and network key yourself.

Deactivating a Wi-Fi Hotspot

1. Tap HOME ▶ ⚙ ▶ Wi-Fi ▶ Infotainment system as hotspot.

   Or: Tap MENU ▶ Settings ▶ Wi-Fi ▶ Infotainment system as hotspot.
2. Tap Use as hotspot and deactivate it.

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Quick connection

Quick connection makes it possible to easily and quickly set up a wireless local network with encryption. In some countries, the function can alternatively be executed by scanning a QR code

®.

WPS with the Infotainment System as a Wi-Fi® Hotspot

1. Tap MENU ▶ Wi-Fi ▶ Mobile hotspot Wi-Fi:.
2. Tap WPS quick connection (WPS button).
3. Activate WPS

   on the mobile device to be connected.

   The Wi-Fi

   connection will be established. It may be necessary to make further inputs on the mobile device in order to complete the connection.
4. To connect additional mobile devices, repeat this process.

Only one
WPS
connection can be established at a time. If multiple connection attempts start at the same time, all connection attempts will fail.

WPS with Infotainment system as client

1. Tap MENU ▶ ▶ Settings ▶ Wi-Fi ▶ Wi-Fi.
2. Tap WPS quick connection (WPS button).
3. Activate WPS

   on the mobile device.

   The Wi-Fi

   connection will be established. It may be necessary to make further inputs on the mobile device in order to complete the connection.

WPS
is not supported by all mobile devices. In this case, connect manually:

1. Set up the Infotainment system as aWi-Fi hotspot .
2. Connecting the Infotainment system as a client to the hotspot of a mobile device *(→ Wi-Fi)*.

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Technical Properties

The technical properties of the vehicle's Internet connections listed below depend on the vehicle equipment and are only available in some countries.

— Wi-Fi

® in accordance with IEEE 802.11 b/g/n.

— 2.4 GHz and 5 GHz data transfer.

— Two Wi-Fi

modes at once:

— Tethering (2.4 GHz).

— 2.4 GHz access point.

— Up to eight mobile devices can be connected at the same time.

— Internet connection via Wi-Fi

:

— Tethering via cell phone.

— Hotspot for clients in the vehicle.

— Apple CarPlay™ via Wi-Fi

.

— Android Auto™ via Wi-Fi

.

— Simplified pairing process via WPS

, NFC or QR code®.

Possible data connection types

The types of possible data connections depend on the country and equipment.

Mobile device:

Use the Wi-Fi

hotspot on a mobile device *(→ Wi-Fi)*.

eSIM (embedded SIM):

The vehicle has a control module with installed SIM

card (eSIM). In order to use the Wi-Fi hotspot, you need to purchase data plans via the In-Car Shop or via the web shop of Volkswagen's external mobile network provider.

Requirements

✓ Network settings ▶ Allow Internet connection is activated in the settings menu.

Or: Data connection ▶ Integrated data connection is activated.

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Introduction

App-Connect makes it possible to display and control content and functions displayed on the cell phone through the Infotainment system screen.

To do this, the cell phone must be connected to the Infotainment system via aUSB interface with a data transfer function.

Some technologies can also be used withApp-Connect Wireless via the Bluetooth interface and aWi-Fi hotspot for the Infotainment system.

The following technologies may be available:

— Apple CarPlay™.

— Apple CarPlay™ Wireless.

— Android Auto™.

— Android Auto™ Wireless.

The technologies listed above are operated by third parties and provided by Volkswagen. Volkswagen is not responsible if these technologies are canceled, discontinued or deactivated during the service life of the vehicle. Apps from third-party providers may be incompatible. It cannot be guaranteed that the apps that are offered will be able to run on all cell phones and with all operating systems.

Which App-Connect technologies are available to you depends on the country and on the cell phone in use. Apps can be based on many different designs and can also differ depending on the vehicle and country. The content, scope, and providers of the apps may vary. The apps provided by Volkswagen can also be changed, canceled, deactivated, reactivated, and enhanced without notice. Furthermore, some apps depend on the availability of services from third party providers.

You can find more information on the Volkswagen website.

The use of apps and the required mobile phone connection may be subject to additional charges.

WARNING

Using apps while driving can distract from traffic. Driver distraction can cause serious accidents and fatal injuries.

- Only use apps and functions when the vehicle is stationary.
- Always drive attentively and responsibly.

WARNING

If unsuitable apps are used or apps are not used correctly, this may result in vehicle damage and accidents with serious or even fatal injuries.

- Protect the cell phone and its apps from misuse.

Volkswagen is not responsible for vehicle damage that is caused by low-quality or malfunctioning third-party apps, inadequate programming of third-party apps, insufficient network strength, data loss, misuse of mobile devices, or malware on data carriers, computers, tablets and cell phones.

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Symbols and settings for App-Connect

Symbols in the App-Connect **menu**

The symbol display depends on the vehicle equipment and the country.

ⓘ or Show further information.

Open the App-Connect settings menu.

Select the Apple CarPlay technology.

Select the Android Auto technology.

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Connecting a cell phone with App-Connect

In order to use App-Connect or App-Connect Wireless, first pair the cell phone with the Infotainment system. When using App-Connect Wireless, the connection is initiated via Bluetooth, and then established via theWi-Fi hotspot for the Infotainment system.

When using Apple CarPlay, the Bluetooth connection is disconnected again when the connection via theWi-Fi hotspot for the Infotainment system is established.

When using Android Auto, the Bluetooth connection remains active.

Connecting the cell phone via USB cable

1. For App-Connect, connect the cell phone to the Infotainment system viaUSB cable.
2. Allow the Infotainment system the required access. To do this, confirm authorization requests on the cell phone.

   App-Connect is set up.

Connecting the cell phone for App-Connect Wireless

1. For App-Connect Wireless, connect the cell phone with Bluetooth *(→ Bluetooth)*.
2. Tap ⌂ ▶ .

   Or: tap MENU ▶ .

   Or: press APP.
3. Select the cell phone and your preferred technology.
4. Allow the Infotainment system the required access. To do this, confirm authorization requests on the cell phone.

   App-Connect Wireless set-up is complete.

If any pop-up menus were dismissed during the connection process,App-Connect or App-Connect Wireless will not be available. In this case, Volkswagen recommends deleting the devices from the cell phone settings and Infotainment system and restarting the connection process.

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Apple CarPlay™

Requirements

The following requirements must be met in order to use Apple CarPlay:

✓ The iPhone must support Apple CarPlay.

✓ Voice control (Siri) must be activated on the iPhone.

✓ Apple CarPlay must be activated in the iPhone settings without restrictions.

✓ For Apple CarPlay Wireless, Bluetooth must be activated on the iPhone and the Infotainment system must be activated as a Wi-Fi ® hotspot.

✓ If Apple CarPlay Wireless cannot be used, the iPhone must be connected to the infotainment system via a USB connection with data transfer. Only USB ports with data transfer are suitable for use with Apple CarPlay.

✓ The USB cable being used must be an original cable from Apple.

These technologies may not be available in all countries.

Information on technical requirements, compatible iPhones, certified apps and availability can be found at the Volkswagen and Apple CarPlay website or at an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Opening Apple CarPlay

1. Tap MENU ▶ App-Connect to open the App-Connect main menu.
   Or: press APP.
2. To start Apple CarPlay, tap Apple CarPlay.

Disconnecting

1. To open the App-Connect main menu, in Apple CarPlay mode, tap .
2. To end the active connection, tap or .

The presentation of the function keys in the display may vary.

Special conditions

During an active connection with Apple CarPlay, the following conditions apply:

— For an iPhone connected with the Infotainment system via Apple CarPlay, phone functions can only be accessed via Apple CarPlay.

— The connected iPhone cannot be used as a media device in the Media main menu.

— It is not possible to use the internal navigation and Apple CarPlay navigation at the same time. The route guidance which was started last ends the previous active one.

— Depending on your Infotainment system, you can view information about telephone operation in the instrument cluster display.

— Depending on your Infotainment system and the navigation app used, you can view upcoming turns in the instrument cluster display.

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— You can accept or decline incoming calls or end a call in progress using the buttons on the multi-function steering wheel.

Voice control

The “voice control” function depends on the vehicle equipment.

1. Tap briefly to start the Infotainment system voice control.

   Or: to start voice control (Siri) on the connected iPhone, tap and hold.

Android Auto™

Requirements

The following requirements must be met in order to use Android Auto:

✓ The smartphone must support Android Auto.

✓ For Android Auto Wireless, Bluetooth® must be activated on the smartphone and in the Infotainment system. The Infotainment system must also be activated as a Wi-Fi® hotspot.

✓ If Android Auto Wireless cannot be used, the smartphone must be connected to the Infotainment system with a USB connection that allows data transfer. Only USB ports with data transfer are suitable for use with Android Auto.

✓ The USB cable used must be an original cable from your smartphone manufacturer.

These technologies may not be available in all countries.

Information on technical requirements, compatible smartphones, certified apps and availability can be found on the Volkswagen and Android Auto websites or at an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Starting Android Auto

1. Tap MENU ▶ to open the App-Connect main menu.

   Or: press APP.

2. Tap Android Auto to establish the connection with the smartphone.

Disconnecting

1. Tap Close in Android Auto mode to open theApp-Connect main menu.
2. Tap ⊗ to end the active connection.

Special conditions

During an active connection with Android Auto, the following conditions apply:

— An active Android Auto device can also be connected with the Infotainment system via Bluetooth (hands-free profile, HFP) at the same time.

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— Phone functions are possible through Android Auto. The Infotainment system phone function can also be used if the Android Auto device is connected to the Infotainment system via Bluetooth at the same time.
— An active Android Auto device cannot be used as a media device in the Media main menu.
— It is not possible to use the internal navigation and Android Auto navigation at the same time. The route guidance which was started last ends the previous active one.
— You can view information about telephone operation in the instrument cluster display.
— Depending on your Infotainment system and the navigation app used, you can view upcoming turns in the instrument cluster display.
— You can accept or decline incoming calls or end a call in progress using the buttons on the multi-function steering wheel.

Voice control

The “voice control” function depends on the vehicle equipment.

1. Tap briefly to start the Infotainment system voice control.

   Or: Tap and hold the button to start voice control of the connected smartphone.

Introduction to online services

You can use the mobile online services (hereafter referred to as "online services") to connect your vehicle to the Internet. This gives you the option to increase the scope of various online services. The basic availability of online services depends on the country. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility to find out whether online services are available in your country. You can find a description of all the available online services on the Internet at:

www *https://connect.volkswagen.com*

You can find the myVolkswagen customer area online at:

www *https://www.myvolkswagen.net/start/en.html*

Online services can only be activated after signing a contract with Volkswagen for using online services, which may be subject to a charge. Online services are subject to a country-dependent term limitation.

The usage and availability of online services and service portfolios can differ depending on the vehicle equipment, the country of use, and the vehicle. For more information, refer to the General Terms and Conditions for the online services.

Emergency calls and phone calls cannot be made and data cannot be transmitted in areas with poor mobile phone and GPS reception.

Observe the warnings .

Volkswagen is not responsible for vehicle damage that is caused by low-quality or malfunctioning third-party apps, inadequate programming of third-party apps, insufficient network strength, data loss, misuse of mobile devices, or malware on data carriers, computers, tablets and cell phones.

An overview of the online services that are activated for you is available in the Infotainment system in the Privacy settings and services *(→ Privacy settings)* menu, on the Internet in the myVolkswagen customer area, or in the Volkswagen app (hereafter referred to as "app").

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Performing online services via the app may use data and lead to costs. If the contractually agreed volume of data is exceeded, the transfer rate will decrease, which may cause delays in performing online services.

Registering for online services

To be able to use online services in the vehicle, you must carry out the following steps:

— Create a Volkswagen ID *(→ Volkswagen ID)*.

— Create a new user *(→ User management)*.

— If necessary, become a primary user *(→ User management)* and/or perform Volkswagen Ident procedures for using safety-relevant online services *(→ Volkswagen Ident procedure)*.

Data processing

Applies to EU countries where the General Data Protection Regulation is in effect.

When using services, vehicle information is sent and processed online. This data can provide indirect information about the respective driver, e.g. regarding vehicle handling. Depending on the vehicle and model, you can find the privacy policy for using Volkswagen's mobile online services in the Infotainment system under MENU ▶ Legal or HOME ▶ Legal or ⋯ ▶ Legal.

Permanent transfer of the vehicle

If the vehicle has been purchased used or if the vehicle has been permanently transferred to you, online services may already be activated and the previous user may be able to view data acquired by online services and control certain functions of your vehicle.

You can see in the Infotainment system if your vehicle is assigned to a person as a primary user. In this case, restore the Infotainment system to factory settings and you can then register yourself as the primary user of the vehicle.

Alternatively, you have the option of putting your vehicle into offline mode *(→ Privacy settings)* and therefore of restricting your vehicle communication with the Volkswagen data server and the processing of vehicle and personal data.

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Prerequisites for Using Services

To be able to make full use of the services, the following prerequisites must be met.

✓ The hardware for using online services has also been ordered for the vehicle and installed ex works.

✓ The vehicle and user are in the area of use.

✓ It is possible to transfer data at the user's location and the vehicle's location without restrictions.

✓ The cell phone is compatible with the app.

✓ The privacy settings in the Infotainment system allow data to be transferred for services.

✓ The settings on the cell phone allow data to be transferred for services.

✓ A personal Volkswagen user account,Volkswagen ID, has been set up *(→ Volkswagen ID)*.

✓ There is a valid contract for using online services.

✓ A vehicle has been added to the Volkswagen user account *(→ Virtual vehicle)*.

✓ Neither the Onboard Connectivity Unit nor individual services are deactivated or disabled.

✓ Certain technologies, e.g. cell phone technologies operated by third parties and provided to Volkswagen AG, are available. Volkswagen AG is not responsible if these technologies are canceled, discontinued or deactivated during the service life of the vehicle.

⚠ WARNING

Using apps, services and functions while driving can distract you from the road. Driver distraction can cause serious accidents and fatal injuries.

- Always drive attentively and responsibly.

⚠ WARNING

If you use services without due care or inadvertently, this may lead to people in and around the vehicle suffering serious or even fatal injuries, e.g. if they are inadvertently locked inside the vehicle.

- Always use services carefully and responsibly.

The vehicle added to the Volkswagen user account must first be driven a few kilometers before individual services can record, send and display correct data.

Do not share your login details, password orS-PIN with others, keep them safe from unauthorized access and ensure that they are not seen by others.

Change your password on a regular basis.

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Situations that can affect system functions

Even if requirements for the usage of these services have been met, the performance of online services may be impaired or blocked by various factors that are outside of the control of Volkswagen. In particular, this includes:

- Maintenance, repairs, deactivations, updates and technical improvements to the telecommunications systems, satellites, servers and databases.
- Switching the mobile network standard to transmit mobile data through the telecommunications provider, for example, from LTE
  Or UMTS to EDGE or GPRS.
- Switching off an existing mobile network standard via the telecommunications provider.
- Malfunction, impairment, or interruption of the mobile network andGPS
  reception, for example due to high speeds, solar storms, weather conditions, regional circumstances, malfunctioning equipment, and high mobile network usage in the applicable radio cells.
- If you are in a location with no or very poor cell phone orGPS
  reception. These locations may include tunnels, areas between tall buildings, garages, parking ramps, underpasses, mountains, and valleys.
- Limited availability of information or incomplete or incorrect information from third-party providers, such as on map displays.
- In countries, federal states and regions where online services are not offered.

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Services That Do Not Require Activation

The following services can still be used if the vehicle has not been added to a Volkswagen user account.

This is the maximum scope possible. Not all services are available in all vehicles and countries.

— Information call.

— Emergency Call Service .

— eCall Emergency System.

— Roadside Assistance Call without transfer of vehicle data.

The Emergency Call Service is available even if you are not logged into the Infotainment system.

Further information is available online in Europe and on Volkswagen's website.

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Setting Up Volkswagen ID

Volkswagen ID offers personal access to Volkswagen's digital world. The Volkswagen ID enables users to log in to Volkswagen's apps and websites.

To use the services, you will need a Volkswagen ID. You can register with Volkswagen ID via myVolkswagen or the Volkswagen app (hereafter referred to as "app").

Registration via myVolkswagen

1. Open www.myvolkswagen.net.
2. Create a Volkswagen user account in the Log in or register area.
3. Follow the instructions on the screen.

Registration via the App

1. Install the app.
2. Follow the instructions in the app.

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Changing and Deleting Volkswagen ID User Data

You can change or delete your user data or login details. Any changes to your login details will also apply to all other Volkswagen systems that use Volkswagen ID at the same time.

Changing User Data via myVolkswagen

1. In the myVolkswagen customer area, open Settings and open one of the following areas:
   — Volkswagen ID.
   — Privacy settings and consent.
2. Click Volkswagen ID ▶ Change details.
3. Change and save user data.
4. Adjust and save information in the Privacy settings and consent area as needed.

Deleting User Data via myVolkswagen

1. In the myVolkswagen customer area, click Settings ▶ Volkswagen ID ▶ Delete data.
   Your data will be deleted. Your Volkswagen ID will not be deleted.

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Carrying Out Volkswagen Ident

In order to use security-related services, you must confirm the identity of the primary user. You can provide proof of identity either in person at an authorized Volkswagen dealer or authorized Volkswagen Service Facility or via Volkswagen Ident, a video chat in the app.

1. If a message about identity verification appears when you use a security-related service for the first time, refer to the information and tap Start.
2. Have an identification document ready.
3. Follow the instructions on the screen.

   If the identity verification is successful, this will be confirmed by a message.

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Managing Vehicles

After you have set up yourVolkswagen ID and created your Volkswagen user account in the process, you must add your vehicle using the 17-digit vehicle identification number (VIN).

Adding via myVolkswagen

1. Click Garage in the myVolkswagen customer area.
2. Enter the vehicle identification number (VIN
) and confirm.
   After successfully adding your vehicle, the service packages available for your vehicle will be displayed.

You can add additional vehicles via myVolkswagen in the same way.

Adding a Vehicle via the App

1. Start the app and open theAdd vehicle area.
2. Enter or scan the VIN
   and confirm.
   After successfully adding your vehicle, the service packages available for your vehicle will be displayed.

Removing the Vehicle via myVolkswagen

1. Click Garage in the myVolkswagen customer area.
2. Click Remove next to the vehicle you want to remove and confirm.

   The vehicle will be deleted from your Volkswagen user account. No other services can be performed or data shown for the deleted vehicle.

When the vehicle is removed from the Garage, the Volkswagen ID associated with the user in the vehicle will also be deleted as soon as the vehicle is online. All other users will be retained in the vehicle.

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Setting, Changing and Resetting the S-PIN

In addition to the password, the security pin(S-PIN) will also be requested during user authentication. This acts as a second level of security and protects security-related services against unauthorized access.

The security PIN

S-PIN is a sequence of several numbers that you can freely select as part of registration.

When creating your S-PIN

, avoid numbers that are easy to guess and widely known dates of birth.

You must keep your S-PIN

strictly confidential. For security reasons, you should change your S-PIN immediately if your S-PIN becomes disclosed to a third party.

Setting the S-PIN via myVolkswagen and the App

— In myVolkswagen, you can set your S-PIN
in your Volkswagen user account.
— In the app, you can set your S-PIN
during the log-in process.

The S-PIN
should consist of four non-identical, non-consecutive (neither ascending nor descending) numbers.

Changing the S-PIN via myVolkswagen and the App

— In myVolkswagen, you can change your S-PIN
in your Volkswagen user account.
— On the app, you can change your S-PIN
in your user profile. To change your S-PIN, you must enter and confirm both the previous and the new S-PIN.

If you enter the S-PIN
incorrectly multiple times, the input field will be locked for a period of time.

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Getting Help

There are various sources of information for getting help with the function and use of individual services.

Help via myVolkswagen

In the Help area, you will find information about registration, individual services and frequently asked questions (FAQ
).

You can find short help information and videos in many areas of myVolkswagen. Clicking on the ⓘ symbol displays help texts.

You can use a chat bot, which can be accessed viaStart chat, to directly search for a specific question or a keyword. The chat bot will display multiple answer options for a topic.

Help via the App

In the Account area, you will find information about the services portfolio, individual services, frequently asked questions (FAQ
) and tutorials for the app. Tapping the ⓘ symbol displays the information.

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Introduction

You can create Volkswagen user accounts for different vehicle users in your vehicle. This enables you to save individual vehicle settings, such as the air conditioner, to one user account.

User Login After the Ignition is Switched On

If Volkswagen user accounts have been created in the vehicle, a welcome menu will be opened when the ignition is switched on. The vehicle user can either log in or change users. If the Volkswagen user account has been protected with an S-PIN

, you will need to enter the S-PIN to log in.

You can activate the Save S-PIN option, so that you will no longer be prompted to enter your S-PIN

when selecting the Volkswagen user account. However, bear in mind that third parties then have access to your personal data.

Once a user has logged in, the settings saved in the user profile will be loaded in the vehicle.

Automatic assignment of a Volkswagen user account to the vehicle key

The vehicle settings are automatically assigned to the vehicle key that is active in the vehicle when a Volkswagen user account is successfully created in the vehicle. When opening the vehicle with a vehicle key assigned to a Volkswagen user account, the Volkswagen user account assigned to the vehicle key is suggested for selection in the welcome menu. If the Volkswagen user account is switched, the vehicle settings for the selected Volkswagen user account are assigned to the active vehicle key.

Opening user management

1. After switching on the ignition, tap Change user in the welcome menu.

   Or: tap MENU ▶ Users.

Description of user roles

Primary user or

— The “primary user” role is intended for the registered keeper or for a user of the vehicle who is not merely a temporary user, e.g. lessee or company car driver. The primary user has unrestricted permissions and can assign additional permissions to other users of the vehicle by inviting them as secondary users. When a new vehicle primary user is confirmed, the previous primary user automatically loses the primary user role and permissions.

Secondary user or

— The “secondary user” role is intended for users who regularly use the vehicle. The secondary users' position differs from that of primary users, in that they must be invited by the vehicle's primary user. The primary user may delete a secondary user at any time.

Guest users

— The “guest user” role is intended for users who use the vehicle only occasionally or just once. Guest users can log in to any drivable vehicle without permission of the primary user. Any vehicle user may delete a guest user from the vehicle at any time. The guest user only has limited access to certain services.

Anonymous guest

— The “anonymous guest” user role is not assigned to one person. The account is local to the vehicle and cannot be synchronized with the server. The “anonymous guest” user role is intended for anonymous users. These are users

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who have access to the vehicle but do not log in. There is only one account in vehicles with online personalization and it cannot be deleted. If the “anonymous guest” user role is activated, all vehicle users who are logged in are temporarily logged out.

Creating new users

To create a new user in the vehicle, you must create a Volkswagen user account in the app on the cell phone or via myVolkswagen on the Internet.

No user has been created in the vehicle yet

1. Switch the ignition on.
2. Tap Log in.

   The Log in with Volkswagen ID menu opens.
3. If no Volkswagen user account has been created, tap Register.
4. If a Volkswagen user account has already been created, enter an e-mail address and password and confirm them by pressing Log in.

   Or: tap on the QR code

   ® and log in via the QR code®.

   In the top display bar, you can switch between logging in with the QR code

   ® or with e-mail and password at any time.

   Tap Cancel or X to return to the previous menu.
5. Follow the instructions in the Infotainment system.

As soon as login is successful, the user is displayed in the user management.

There are already users in the vehicle

1. Switch the ignition on.
2. Tap Change users ▶ New user.

   Or: open the app overview and tap Users ▶ Other ▶ New user.

   The Log in with Volkswagen ID menu opens.
3. If no Volkswagen user account has been created, tap Register.
4. If a Volkswagen user account has already been created, enter an e-mail address and password and confirm them by pressing Log in.

   Or: tap on the QR code

   ® and log in via the QR code®.

   In the top display bar, you can switch between logging in with the QR code

   ® or with an e-mail address and password at any time.

   Tap Cancel or X to return to the previous menu.
5. Follow the instructions in the Infotainment system.

As soon as login is successful, the user is displayed in the user management.

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Becoming the primary user

The “primary user” role is intended for the registered keeper or for a user of the vehicle who is not merely a temporary user, e.g. lessee or company car driver. There is only one primary user for each vehicle.

Depending on the model, you will need the two vehicle keys for your vehicle or the registration code and a valid contract for using mobile online services in order to verify yourself as the primary user. If you have not yet concluded a contract for using mobile online services, you can conclude this contract during the primary user verification process. You will need the Volkswagen app for this purpose.

Becoming the Primary User Via the Two-Key Method

1. Open the Become primary user menu:
   - If no primary user is present in the vehicle yet, you will be asked if you want to become the primary user when the first user is created. If you want to become the primary user, tap Become primary user.
   - If a primary user already exists but a different user should be the primary user, tapUsers ▶ ⚙ ▶ Become primary user.
2. Press 🔓 on the first vehicle key.
3. Press 🔓 on the second vehicle key.

   After the Infotainment system has processed the radio signals, you will become the primary user of the vehicle.

Becoming the Primary User Via a Registration Code

After ordering services, you will automatically have a registration code displayed.

The registration code is valid for 14 days. After this period, you will need to request a new registration code via the myVolkswagen customer area.

In the Overview for my vehicle area, all of the vehicles that have not yet been fully activated will have the registration code displayed under the vehicle. To continue the activation process, select Finish activation.

1. Have the registration code to hand in the vehicle that has been added.
2. Unlock the vehicle.
3. Switch on the ignition and keep it switched on until activation is successful.
4. On the activated Infotainment system, tap theRegistration function key in theVW Connect (online services) area.
5. Enter and confirm the registration code and wait until successful activation is confirmed in the Infotainment system.

Inviting secondary users via myVolkswagen

After successful registration and verification as the primary user, you can assign permissions to other vehicle users.

1. Open the Vehicle user area.
2. Click on Invitations and enter the e-mail address and username of the user you wish to register.
3. Click on Send.

   The invited person will receive an email with your invitation. Once the person has accepted the invitation, you can activate the services for this person.

   You can revoke invitations as needed in theUser area.

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Protecting the user profile

Your Volkswagen user account is protected by your personal password and your S-PIN. The password and the S-PIN can be changed via the app or on the Internet via myVolkswagen.

You can protect your user profile from unwanted changes to the vehicle and privacy settings by activating the S-PIN. It is then only possible to log in by entering the S-PIN. If you protect your user profile with an S-PIN, you must enter your S-PIN every time before you begin driving.

1. Tap User ▶ ⚙ ▶ Protect user profile.
2. Activate Protect user profile.

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Deleting a User

When deleting users, the data is only deleted from the vehicle. The corresponding Volkswagen user account remains active and can be reloaded in the vehicle via the login process.

Deleting a primary user

1. In your privacy settings, activate “Share my position” or “Online” mode.
2. Reset the Infotainment system to the factory settings *(→ First steps in the Infotainment system)*.

   Or: confirm a new user in the vehicle.

Deleting a user

Any vehicle user can delete a user from the vehicle. However, the deleted user will retain their Volkswagen ID and their permissions

1. Tap Users ▶ ⚙ ▶ Delete users.

   A menu with all users registered in the vehicle opens.
2. Tap 🗑 next to the user that is to be deleted.
3. Confirm the prompt by pressing Delete.

   The user is deleted.

Deleting a User Profile

The logged-in vehicle user can delete their own Volkswagen user account and use the vehicle as an anonymous guest. The deleted user will retain their Volkswagen ID and their permissions. If the primary user wishes to delete their own Volkswagen user account, they can either only delete their Volkswagen user account or withdraw rights as primary user. In either case, all other users will be retained in the vehicle. When changing ownership or permanently transferring the vehicle to third parties, Volkswagen recommends restoring the vehicle to factory settings.

1. Tap Users ▶ ⚙ ▶ Delete user profile.
2. Confirm the prompt by pressing Delete.

   The logged in user is deleted. The “Anonymous guest” Volkswagen user account is activated.

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Where is my user?

If you have already created a Volkswagen user account in the vehicle and you can no longer see it in the user management, it may have been deleted. Log in to the vehicle again *(→ User management)*.

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Managing privacy settings

Using the privacy settings, the data transfer between the vehicle and the Internet can be approved or blocked in several stages via the Infotainment system.

Note that every vehicle user can set up individual settings within the “Privacy settings and services” function. These settings may be different to those desired by the vehicle owner.

If data transfer is restricted, online vehicle functions, such as updates or tracking services like vehicle positioning, cannot be carried out.

Data transfer from mobile devices and their communication with the vehicle or services required by law cannot be blocked or deactivated via the “Privacy settings and services” function.

Some online vehicle functions and tracking services are only available in certain countries and vehicle models.

New online vehicle functions and tracking services provided for the vehicle in future will be subject to the same restrictions.

Internet connection

The following symbols are displayed in the top display bar of the Infotainment system, depending on the status selected:

Offline mode:

Your vehicle is offline. The mobile online services are not available.

Online mode (currently no connection):

Online mode is selected, but there is currently no connection to the Internet.

Online mode:

Your vehicle can send and receive data for activated services.

Configuring Privacy Settings

Opening the Privacy settings and services menu

1. Tap User ▶ ⚙ ▶ Privacy settings and services.

When you tap the relevant symbol, the corresponding mode is selected. You can see which mode is selected from the highlighted symbol or in the top display bar in the Infotainment system.

Selecting offline mode

Offline mode.

— All services are deactivated and cannot send any data.

All tracking functions do not function.

— The eSIM

card is deactivated.
All vehicle functions that require an online connection via the eSIM
card are deactivated.

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In offline mode, the information and data stored in the control modules, such as emergency numbers, cannot be updated. This can impair functions and services or make them unavailable.

Selecting online mode without position data

"No position data" mode.

— The vehicle's current position is not transmitted.

All tracking functions do not function.

— The eSIM

card remains activated.
All vehicle functions that require an online connection via theeSIM
card are activated.

Selecting online mode with Use position data

"Use my position" mode.

— The vehicle's current position is not shared with other people.

All tracking functions do not function.

— The eSIM

card remains activated.
All vehicle functions that require an online connection via theeSIM
card are activated.

Selecting online mode with Share position data

"Share my position" mode.

— Online services can send and receive data without restriction.

All tracking services are activated.

Primary and secondary users can access the vehicle's positioning data online viamyVolkswagen or the app.

— The eSIM

card is activated.
All vehicle functions that require an online connection via theeSIM
card are activated.

Manage services

The following functions are available with the Manage services tool in the Infotainment system:

— Query which online services are currently available in the vehicle.

— Display the number of activated and deactivated online services.

— Activate or deactivate individual online services.

Further information:

www *https://connect.volkswagen.com*

Opening Manage services

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1. Tap User ▶ ⚙ ▶ Privacy settings and services.

If you individually deactivate all online services, the control module with the integrated eSIM
card can continue to transfer data.

Setup

Using the Filter by: function, you can select the online services that you wish to view in the overview:

— All – Display all online services.

— Activated – Only display activated online services.

— Deactivated – Only display deactivated online services.

— Not available – Only display unavailable online services.

Activating or deactivating online services

Services can be individually activated or deactivated.

1. Open Manage services.
2. Tap Service and activate or deactivate Allow in the vehicle.

If data transfer is restricted due to the “Privacy settings” function, activation or deactivation of individual services is not possible.

Alternatively, you can activate or deactivate the online services via myVolkswagen or in the app.

Some online services can only be jointly activated or deactivated, even if they are listed individually in the menu.

Legally required services and the associated data transfer cannot be turned off or deactivated, such as the “eCall Emergency System”.

Introduction

Using the personalization function, individual vehicle settings, such as the air conditioner, can be saved to your Volkswagen user account. The user is identified by logging into the Infotainment system. Changes to the settings are assigned to the Volkswagen user account active for the vehicle and if there is an Internet connection, they are automatically saved online in the Volkswagen user account.

Opening the Configuration Wizard for Customizable Vehicle Settings

1. Tap MENU ▶ ⚙ ▶ Configuration wizard.

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Customizable vehicle settings

The vehicle functions that can be set depend on the equipment. Some functions that can be personalized are not stored online, rather only assigned locally to the user profile in the vehicle.

Not all vehicle functions are available in all vehicles and countries.

The following functions can be personalized:

— Settings for single door unlocking, convenience opening and windows.

— Windshield wiper settings.

— Settings for low beam headlight turning on times and the 3-blink turn signal.

— Climate control system settings

— Active driver assistance system settings.

— Driving Mode Selection

— Driving data menu and selection of displays in the instrument cluster.

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Synchronising vehicle settings

Vehicle settings that are changed in the vehicle are automatically assigned to the active user profile and stored online periodically. The vehicle settings are synchronized automatically with the data saved online in the following situations, when there is an internet connection:

— When switching on the ignition and the Infotainment system: synchronizes all recently used Volkswagen user accounts saved in the vehicle.
— When switching to another Volkswagen user account: synchronizes the newly activated and the now deactivated Volkswagen user account.
— At the end of the trip and when switching off the ignition: synchronizes the Volkswagen user account that was last active.

You can also start synchronization manually in the user administration menu, e.g. if automatic synchronization upon login was not successful. Synchronization cannot take place automatically if the vehicle's online status is impaired, e.g. in underground garages, or if you have activated offline mode.

If an inactive user profile is active in another vehicle and if settings are synchronized from there, these settings will also be loaded to your vehicle and assigned to the corresponding user profile.

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In-Car Shop

The In-Car Shop offers you the option to extend or purchase online services or functions directly from the vehicle. The In-Car Shop offers the following options:

— Enable additional functions for your vehicle(upgrades) .

— Extend the term of the online services.

— Purchase and download apps and update and delete apps acquired in the In-Car Shop.

— Depending on the country and model: purchase data plans.

You can also select the country of the In-Car Shop under ▶ ⚙. Depending on the country selected, the range and availability of products and the language of the In-Car Shop will be adjusted.

App Update

There are two different procedures for an app update.

— The apps purchased from the In-Car Shop are updated in the In-Car Shop. If an app update is available, you will be notified about it. In order to perform the app update, you must log in as the primary user.

— If an app update is available for other apps, you will be notified and can perform the app update without opening the In-Car Shop. Any vehicle user can perform these app updates.

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Introduction

With Upgrades, new functions can be added to your vehicle after delivery.

Functions

Depending on the vehicle model, convenience and Infotainment system functions, as well as driver assistance systems, can be enabled.

Enabling Upgrades functions depends on the country and vehicle.

When lending or selling your vehicle, inform the user or buyer about the enabled functions.

WARNING

Enabling functions while driving can distract from traffic. Driver distraction can cause serious accidents and fatal injuries.

- Enable functions only when the vehicle is stationary.
- Always drive attentively and responsibly.

In some cases, if the necessary hardware for enabling the function is not present in the vehicle, it can be retrofitted by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

If the necessary software for enabling the function is not present in the vehicle, the software can be retrofitted . Retrofitting may have associated charges, depending on the type of software.

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Viewing and enabling functions

Before restarting the engine, read the message in the Infotainment system about the conclusion of the activation. If activation was not successful, observe the related note.

Requirements

✓ The vehicle has its own installed Infotainment system.
✓ Compatibility and performance of the hardware in the vehicle is ensured.
✓ There is a valid contract for use of the services between you and Volkswagen AG.
✓ Your vehicle is assigned to your user account.
✓ You have the “primary user” role for the vehicle *(→ User management)*.
✓ There is sufficient cell phone reception at your vehicle's current location.
✓ The vehicle electrical system is functioning.
✓ The 12-volt vehicle battery is sufficiently charged.
✓ There is a factory-installed control module with an integratedeSIM card.

Viewing functions

1. Tap HOME or MENU ▶ Users ▶ ⚙.
2. Open the Privacy settings and services menu.

All functions offered for the vehicle can also be viewed in the In-Car Shop of the Infotainment System.

The primary user can enable the available functions for the vehicle in the In-Car Shop of the Infotainment system or in the Volkswagen Connect Shop.

Activate functions

Do not drive the vehicle during activation.

In the In-Car Shop of the Infotainment system, all possible functions available for the vehicle are displayed.

1. To open the In-Car Shop of the Infotainment system, tap HOME ▶ 🛒.
2. Tap the function in the In-Car Shop and follow the instructions in the Infotainment system.

During enabling and after enabling, observe the messages in the Infotainment system.

After successful activation, it is necessary to first park the vehicle for approx. 10 minutes for some functions.

1. Stop the engine and, depending on the vehicle equipment, set the electronic parking brake and apply the parking brake if necessary.
2. Close the engine hood, trunk lid, all windows and all doors.
3. Ensure that all vehicle occupants leave the vehicle and that no animals are left in the vehicle.
4. Exit the vehicle, taking all vehicle keys with you.
5. Lock the vehicle and remove the vehicle key from the sensor range of the vehicle.

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If you have the “primary user” role for the vehicle *(→ User management)*, you can also view activated functions in the app.

Troubleshooting

Where can I find functions?

Through an online shop, you can find functions which you can access via your Volkswagen user account.

Depending on the vehicle equipment, functions can also be enabled directly via the Infotainment system in the In-Car Shop.

Are there functional limitations during activation?

While activation is in progress, the function is not available.

Where is successful activation displayed?

Successful enabling is displayed in the Infotainment system.

When is the enabled function available?

Depending on the enabled function, the function is available either immediately or after the ignition is switched on again.

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Introduction

The functions and settings of the Infotainment system depend on the vehicle equipment and are not available in all countries.

Prior to the first use

Before using the Infotainment system for the first time, read the following points to be able to fully use the available functions and settings:

— Observe the safety instructions *(→ First steps in the Infotainment system)*.

— Reset the Infotainment system to factory settings *(→ First steps in the Infotainment system)*.

— Find your favorite radio stations, also referred to in the following as "stations", and save them to storage locations to quickly access them .

— Only use suitable audio sources and data carriers .

— Use current map data for the navigation system.

— Pair a cell phone in order to use the phone interface to make calls .

— Register for the mobile online services to use the relevant services .

Other applicable documents

In addition to this manual, please refer to the following documentation when using this Infotainment system and its components:

— Supplements to your Owner's Manual.

— Operating instructions for the cell phone or audio sources.

— Operating instructions for external data carriers and players.

— Instructions for retrofitted or additional Infotainment accessories.

— Digital instructions in the Infotainment system, depending on the vehicle equipment and not available in all countries.

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Safety instructions

— Some functions may contain links to websites that are administered by third parties. Volkswagen does not assume ownership of third-party sites reached through links and is not responsible for their content.

— Some functions may contain third-party information that originates from third-party providers. Volkswagen is not responsible for the accuracy, currentness, and completeness of this non-proprietary information, and for ensuring that the rights of third parties are not violated.

— The radio stations and owners of the data carriers and audio sources are responsible for the transmitted content.

— Parking garages, garages, underpasses, tunnels, high buildings, mountains and valleys and any other electrical devices being used, e.g. battery chargers, may interfere with the reception of cell phone, GPS and radio signals.

— Foil stickers or stickers with a metal layer placed on the antenna and on the windows can impair radio reception.

— Read and follow the applicable manufacturer's operating instructions when using cell phones, data carriers, external devices, and external audio and media sources.

⚠ WARNING

The Infotainment system's central processor is networked with the control modules installed in the vehicle. If the central processor is incorrectly repaired, removed or reinstalled, there is an increased risk of accident and injury due to the control module functioning incorrectly or not functioning at all.

- Never replace the central processor with a used central processor from a scrap vehicle or from recycling.
- Always have the central processor repaired, removed and reinstalled by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

Reading information on the screen, operating the Infotainment system and connecting, inserting or removing a data carrier or audio source while driving can distract from traffic. Displays and information on the screen may be difficult to read if the lighting conditions are unfavorable or if the screen is damaged or dirty. This may distract the driver from the traffic situation. Driver distraction can cause accidents and injuries.

- Always drive attentively and responsibly.

⚠ WARNING

Setting the volume too high prevents you from hearing audible signals. Failure to hear audible signals from outside the vehicle can lead to accidents.

- Adjust the volume settings in the Infotainment system so that audible signals from outside the vehicle (such as sirens on emergency service vehicles) can still be heard.

⚠ WARNING

Setting the volume too high can cause hearing damage even if you are exposed to a loud volume for only a short time.

- Select a volume that is at a comfortable level for all vehicle occupants.
- Avoid excessive volume levels.

⚠ WARNING

Sudden volume fluctuations can distract the driver, e.g. when an audio or media source is connected or changed. This could cause accidents and injuries.

- Reduce the volume level before changing or connecting an audio or media source, for example.

⚠ WARNING

The following conditions may restrict, interrupt or prevent emergency calls, phone calls and data transfers:

- The emergency call location is in an area with no cell phone and satellite reception, or insufficient reception.
- You are in a location where there is sufficient mobile phone and satellite reception, but the telecommunications provider's mobile communications network is unavailable.

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- The vehicle components required for emergency calls, phone calls and data transfers are damaged, do not work or do not have sufficient power.
- The cell phone battery is empty or has an insufficient charge level.

WARNING

Radio stations can broadcast messages about disasters and dangers. If messages about disasters or dangers are not received or issued, accidents and injuries may occur. It may not be possible to receive or send messages under the following conditions:

- The current location is in an area with no cell phone or insufficient radio signal reception.
- In areas with sufficient radio signal reception, where the radio station's frequency bands are malfunctioning or not available.
- The speakers and the vehicle components required for radio reception are damaged, do not work or do not have sufficient power.

WARNING

In some countries and mobile networks, emergency calls can only be made under the following conditions:

- A cell phone with an unlocked SIM card and sufficient calling credit is connected to the vehicle's phone interface.
- Adequate network coverage is available.

WARNING

If a cell phone or CB radio is used inside the vehicle without connection to an outside antenna, the limit values for electromagnetic radiation inside the vehicle may be exceeded and endanger the health of all vehicle occupants.

- Keep the cell phone antenna at least 20 cm (approximately 8 inches) away from any active medical implants, such as pacemakers, because cell phones can impair the function of active medical implants.
- Do not carry a cell phone that is turned on directly above or in the immediate vicinity of any active medical implants, for example by keeping a phone in a shirt pocket.
- Immediately switch off cell phones if you suspect they could impair an active medical implant, e.g. pacemaker, or other medical device.

WARNING

Loose, unsecured or incorrectly mounted cell phones, external devices and accessories can be thrown through the vehicle interior in the event of sudden driving or braking maneuvers or a collision. This can cause accidents and serious injuries.

- Secure or stow cell phones, external devices and Genuine Volkswagen Accessories safely outside of the airbags' deployment zones.
- Always secure or store cell phones, external devices, audio sources and accessories in the dedicated compartments and holders in the vehicle so that they cannot be thrown through the vehicle interior and cannot impede the driver.
- Never leave heavy, hard or sharp objects in the pockets of clothing.
- Arrange cables for external devices and audio sources so that they are not in the way of the driver.

WARNING

Driving recommendations and traffic signs displayed in the navigation system may differ from the actual traffic situation and you must not be tempted to take safety risks.

- Always drive attentively and be ready to intervene at any moment.
- Always bear in mind that traffic signs, signal systems, traffic regulations and local circumstances have priority over the driving recommendations and displays in the navigation system.
- Always adapt your speed and driving style to the current visibility, weather, road and traffic conditions.

NOTICE

Radiation from cell phones that are switched on can interfere with sensitive technical and medical devices, potentially causing malfunctions or damage to the devices.

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● Always switch off the cell phone in areas with special regulations relating to or prohibiting the use of cell phones.

NOTICE

Setting the volume too high and excessively loud or distorted playback can damage the speakers.

● Select the volume setting so that the speakers are not damaged.

User information

— The Infotainment system requires a few seconds to perform a complete system start, and will not respond to inputs during that time. During the system start, only the Rear Assist camera can be displayed.

— The Infotainment system must start completely before all displays can appear and functions can be performed. The length of time that it takes for the system to start depends on the scope of functions in the Infotainment system, and it can take longer to start at low and high temperatures.

— Observe local regulations and legal requirements when using the Infotainment system and corresponding accessories, such as a headset or headphones.

— For the Infotainment system to function, it must be switched on and the vehicle must be set to the current date and time if necessary.

— A missing function key in the screen is not the result of a device error, but instead corresponds to the country-dependent equipment.

— Some Infotainment system functions can only be selected when the vehicle is stationary. In some countries, the selector lever must also be in the N or P selector lever position. This is not a malfunction, but rather compliance with legal regulations.

— Some countries may have restrictions regarding the use of Bluetooth® devices. Information can be obtained from the local authorities.

— If the 12 V vehicle battery has been disconnected, switch on the ignition before switching on the Infotainment system.

— Displays on the screen may vary due to differences in the settings, and the Infotainment system may function differently than described in this manual.

— The Infotainment system will switch off automatically when the engine stops and if the 12 V vehicle battery charge level is low.

— In some vehicles with a parking system, the volume of the current audio source may be automatically lowered when you shift into reverse. The volume reduction can be adjusted.

— The Infotainment system contains information about the software contained in the system and the licensing terms: Settings ▸ System information and Settings ▸ Copyright.

— If you sell or loan your vehicle to someone, ensure that all of the saved data, files and settings are deleted and, if necessary, that the external SD
card, the external audio sources and any data carriers are removed.

— Some functions in the Infotainment system require an active Volkswagen user account for the vehicle for the mobile online services and a connection to the Internet . In order to enable functions to be carried out, data transfer must not be restricted.

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Brands, licenses, copyright

Brands and licenses

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Overview of Infotainment system

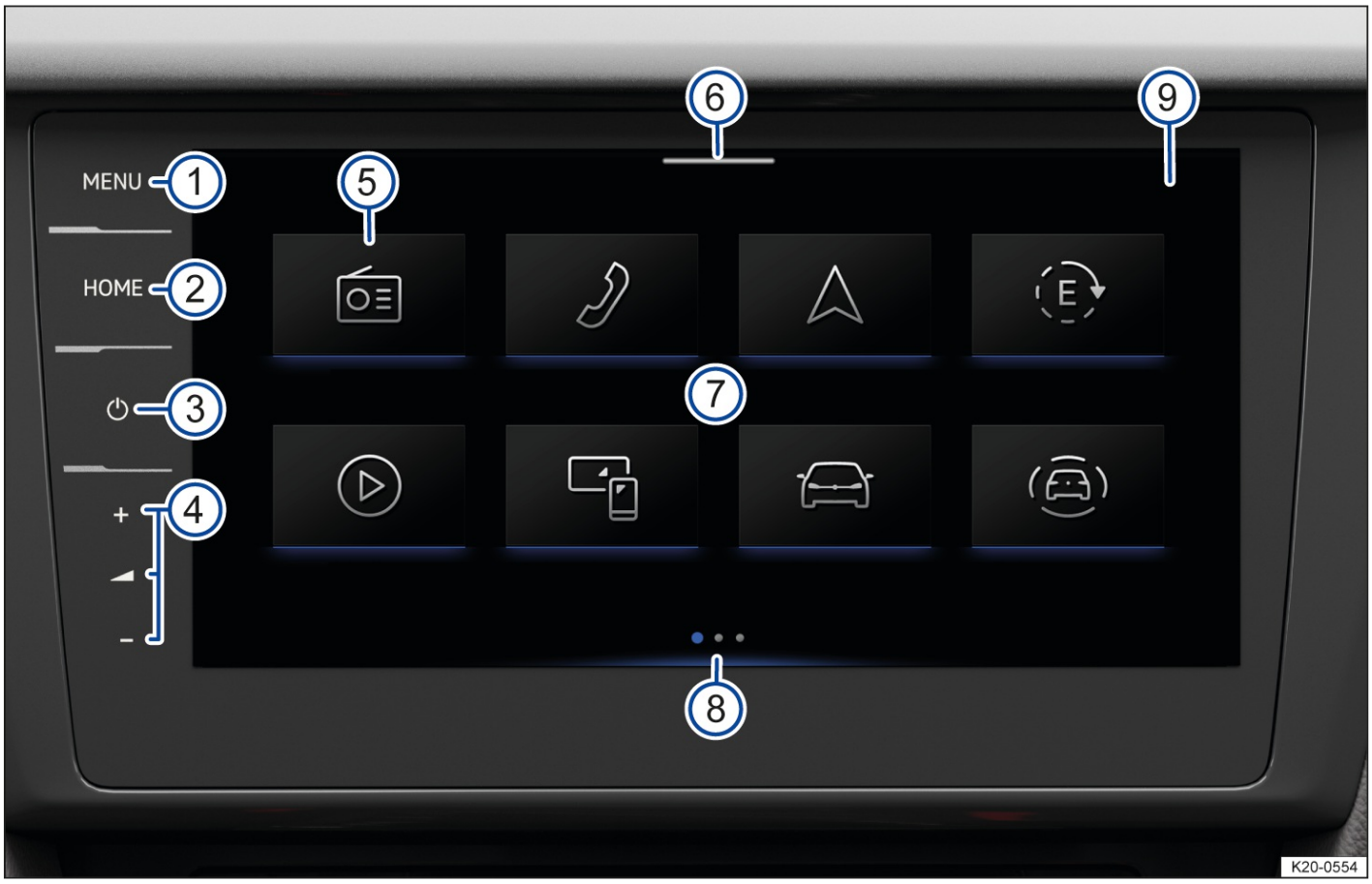


Fig. 1 Overview of the Infotainment system (general example).

1. MENU: sensor area for opening the app overview.
2. HOME: sensor area for opening pages.
3. Sensor area for switching the Infotainment system on and off.
4. Sensor areas for volume.
5. Function key for main menu.
6. Control Center.
7. Screen (touchscreen).
8. Pages.
9. Status bar.

Further information and tips for operating the Infotainment system can be found in this Owner's Manual *(→ First steps in the Infotainment system)*.

1 MENU

1. To open the app overview, tap MENU.

2 HOME

1. Tap HOME to open pages.

3 Sensor area for switching the Infotainment system on and off

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1. Tap the sensor area to manually switch the Infotainment system on or off.

(4) Sensor areas for volume

1. Tap the sensor areas to adjust the volume.

(5) Function key for the main menu

You can configure the position of the function keys *(→ First steps in the Infotainment system)*.

1. To open a main menu, tap the corresponding function key e.g. for the phone interface.

(6) Control Center

The control center contains additional function keys for functions and notifications. Displayed functions can be configured *(→ First steps in the Infotainment system)*.

1. Tap the selection and swipe down to open the control center.

(7) Screen (touchscreen)

You can operate the Infotainment system functions via the screen. You will find detailed explanations of the different finger movements in the quick guide to the Infotainment system, if available.

1. To open the quick guide to the Infotainment system, open the app overview and tap ?.

(8) Pages

Certain menus and functions have multiple pages with different content. The current page is highlighted.

— Tap a selection to switch to a page.

— To switch between pages, swipe left or right on the screen.

Scroll bars (without position numbers)

Certain menus and functions contain additional content above and below the content currently displayed on the screen.

1. Tap the scroll bar and swipe down or up to display additional content.

Gesture control (without position numbers)

Gesture control can also be switched on, depending on the country. If gesture control is switched on, this is shown on the screen.

1. Open the app overview and tap ⚙ ▸ Screen ▸ Hand gesture.

Operating the Infotainment system

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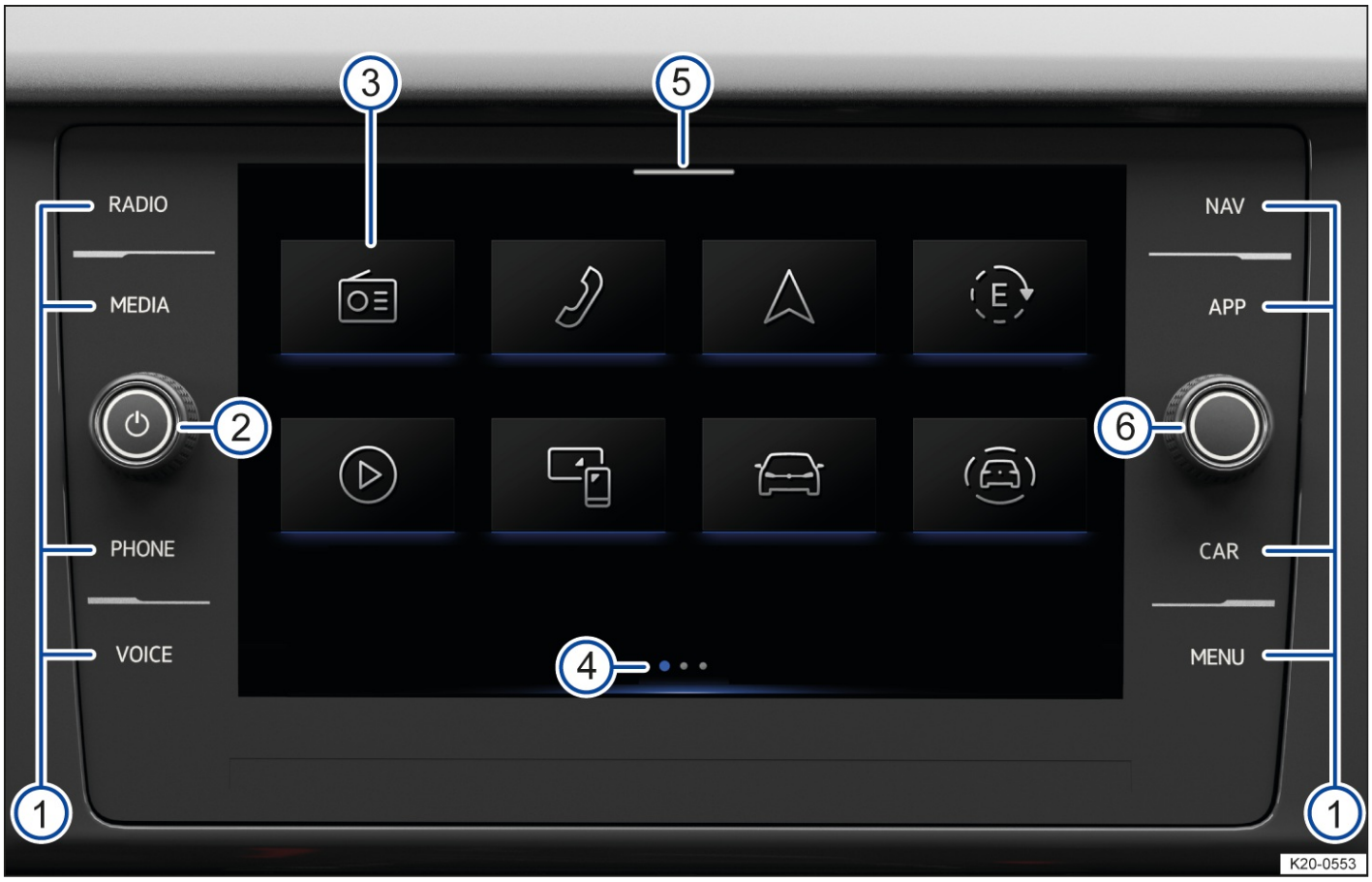


Fig. 2 Overview of the Infotainment system (general example).

1. Touch-sensitive fields.
2. Rotary knob.
3. Function key for main menu.
4. Pages.
5. Control Center.
6. Control knob (availability depending on the vehicle equipment).

Further information and tips for operating the Infotainment system can be found in this Owner's Manual *(→ First steps in the Infotainment system)*.

1 Touch-sensitive fields

The number and layout of the sensor areas depend on the vehicle equipment.

1. To open a main menu, tap the corresponding sensor area, e.g. PHONE for the phone interface.

— RADIO: radio .
— MEDIA: media .
— PHONE: Phone interface .
— VOICE: . The sensor area does not have a function in some countries.
— NAV: Navigation .
— APP: App-Connect . The sensor area does not have a function in some countries.
— SOUND.
— CAR: open the vehicle settings.

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— MENU: open the app overview.
— HOME: open pages. Availability depending on the vehicle equipment.

(2) Rotary knob

— Press to switch the Infotainment system on or off.
— Turn left to decrease the volume.
— Turn right to increase the volume.

(3) Function key for the main menu

It is not possible to configure the position of the function keys.

1. To open a main menu, tap the corresponding function key e.g. for the phone interface.

(4) Pages

Certain menus and functions have multiple pages with different content. The current page is highlighted.

— Tap a selection to switch to a page.
— To switch between pages, swipe left or right on the screen.

(5) Control Center

The control center contains additional function keys for functions and notifications. Displayed functions can be configured *(→ First steps in the Infotainment system)*.

1. Tap the selection and swipe down to open the control center.

(6) Control knob (availability depending on the vehicle equipment)

1. Turn to control the list selection.
2. Press to confirm a selection.

Screen (touchscreen) (without position numbers)

You can operate the Infotainment system functions via the screen. You will find detailed explanations of the different finger movements in the quick guide to the Infotainment system, if available.

1. To open the quick guide to the Infotainment system, open the app overview and tap ⓘ.

Scroll bars (without position numbers)

Certain menus and functions contain additional content above and below the content currently displayed on the screen.

1. Tap the scroll bar and swipe down or up to display additional content.

Gesture control (without position numbers)

Gesture control can also be switched on, depending on the country. If gesture control is switched on, this is shown on the screen.

1. Open the app overview and tap ⚙ ▸ Screen ▸ Hand gesture.

Restoring the Infotainment System to Factory Settings

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1. Open the app overview and tap Settings ▶ Restore factory settings.

When restoring factory settings, the vehicle settings are deleted, and personal data may also be deleted. Mobile online services can no longer be used in this vehicle. The services can only be used again after reactivation. If there is a primary user in the vehicle, they will also be deleted and informed of this via e-mail . If mobile keys have been created, they will be irrevocably deleted.

Opening the Quick Guide to the Infotainment System(if available)

Depending on the vehicle equipment, the Infotainment system has a quick guide to operating the Infotainment system. Further information and tips on operation can be found in the quick guide to the Infotainment system.

1. Open the app overview and tap ⓘ ▶ .

Switching the Infotainment System On or Off

The Infotainment system starts up when the ignition is switched on, unless it was previously switched off manually.

The Infotainment system starts at the volume that was last set, as long as this does not exceed the preset maximum switch-on volume.

Vehicles with ignition lock: The Infotainment system switches off automatically if the vehicle key is removed from the ignition lock.

Vehicles with starter button: If the driver door is opened while the ignition is not active, the Infotainment system switches off automatically.

If you switch on the Infotainment system manually while the ignition is not active, it will switch off automatically after approximately 30 minutes without user input.

Main Menus on the App Overview

The following main menus may be included as function keys on the app overview:

Ambient lighting, Ambient light .

App-Connect .

Owner's Manual: Digital Manual, if available.

Driver assistance .

Vehicle .

Help: Here, you can find additional information about Infotainment system functions and operation, e.g. the quick guide *(→ First steps in the Infotainment system)*.

or Sound *(→ First steps in the Infotainment system)*.

Climate control .

Media .

Navigation .

User, User management .

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Radio .

Legal.

Setup *(→ First steps in the Infotainment system)*.

Telephone .

Configuring the App Overview

In the app overview, you can configure the layout of the function keys, pages and displays or have them positioned using standard layout templates. The app overview cannot be configured in all available Infotainment systems.

1. Open the app overview.
2. Tap the function key and hold until the function key is highlighted.
3. Move the function key to the preferred position and release it.

Personalization

Depending on the vehicle equipment, you can personalize function keys and pages *(→ First steps in the Infotainment system)*.

Personalizing the Infotainment system

Depending on the vehicle equipment, you can personalize the Infotainment system to access your favorite and frequently used functions quicker.

The Infotainment system pages contain tiles for accessing additional menus and functions.

Adjusting tiles

Adjust the tiles and displayed tile functions in the Infotainment system pages in order to manage the Infotainment system as you wish.

1. Open the app overview.
2. Tap and hold tiles until an additional window appears.
3. Tap the desired function in the additional window. Various functions are available depending on the size of the tile.

   Or: to return to the page, tap any free area of the screen.

There are always at least two pages available. They cannot be removed. Depending on the vehicle equipment, you can add two further pages. A maximum of four pages can be displayed.

For some tiles, more functions are available than can be seen initially in the additional window. To see all the functions, swipe up or down in the additional window.

Adjusting the control center

Adjust the Infotainment system Control Center for quicker access to your favorite and frequently used functions.

1. Open the Control Center.
2. Tap and hold the function until an additional window appears.
3. Tap the desired function in the additional window and hold until the function is highlighted.
4. Move the function to the preferred position and release it.

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The active function is automatically removed from the control center and added to the additional window.

For the control center, more functions are available than can be seen initially in the additional window. Swipe to the left or right in the additional window to see all the functions.

Opening personalization tips (if available)

Further information and tips on personalization can be found in the digital manual for the Infotainment system.

1. Open the app overview and tap ▸ ▸ Adjustment.

System and sound settings

The selection of available settings varies depending on the vehicle equipment and country.

Changing settings

The meanings of the following symbols apply to all system and sound settings.

Changes will be automatically applied when the menu is closed.

, or The setting is selected and activated or switched on.

, or The setting is not selected and deactivated or switched off.

or Open the drop-down list.

Increase the set value.

Reduce the set value.

Go back stepwise.

Go forward stepwise.

Use the slide control to continuously change the set value.

System settings

The system settings may include the following functions, information, and setting options:

— Restore factory settings.
— Screen.
— Copyright.
— Data connection.
— Units.
— Configuration assistant.
— Manage mobile devices.
— Voice control.
— Language.
— System information.

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— Time and date.

— Wi-Fi

®.

— Additional keyboard languages.

Opening system settings

1. Open the app overview and tap Settings.

Sound settings

The sound settings may include information and setting options for equalizer, position, volume and setup.

Opening sound settings

1. Open the app overview and tapSound.

Adjusting the volume of external audio sources

Lower the volume of the Infotainment system before turning up the volume of an external audio source.

If the connected audio source plays too quietly, increase the output volume of the external audio source. If that does not correct the problem, set the input volume to Medium or Maximum.

If the connected external audio source plays too loudly or the sound is distorted, lower the output volume of the external audio source. If that does not correct the problem, set the input volume to Medium or Quiet.

Cleaning the screen

When cleaning the screen, please note this checklist:

✓ The Infotainment system is switched off.

✓ Use a soft, clean cloth that has been moistened with water.

Or: use a cleaning cloth which is available from an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

✓ For stubborn dirt:

✓ Wet and soak dirt with just a little water.

✓ Carefully remove dirt using a soft, clean cloth.

NOTICE

If the screen is cleaned with incorrect cleaning agents or when dry, it may be damaged.

- Only apply gentle pressure.
- Do not use any aggressive cleaners or products which contain solvents. These types of cleaners can damage the device and cause glare on the screen.

NOTICE

If the cloth used to clean the screen is too moist, the screen can no longer be operated or switched off.

- Dry the screen and then leave the vehicle locked from the outside for at least two minutes.

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Introduction

In radio mode, you can receive available radio stations available via various reception modes and save your favorites to enable quick access.

Available reception modes depend on the vehicle equipment and are not available in all countries. Frequency bands and reception modes may be discontinued, switched off or no longer offered in individual countries.

In some countries, depending on the vehicle equipment, you can also use Internet Radio *(→ Radio online functions)*.

The radio stations are responsible for transmitted content.

Other electrical devices connected in the vehicle can impair radio signal reception and cause noise in the speakers.

Decals or metal-coated stickers on the vehicle windows can impair radio reception in vehicles with window antennas.

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Selecting a Reception Mode

Various stations are available, depending on the reception mode. The available reception modes depend on the vehicle equipment and are not available in all countries.

1. To open the list of reception modes, tap Source.
2. Select a reception mode, e.g. FM

   .

Searching For and Selecting a Station

You can search for and select stations in a variety of ways. The options vary based on the reception mode.

Searching for a Station in SCAN mode

In SCAN mode, the stations in the reception mode are set automatically in succession and played for approx. five seconds each.

1. To start SCAN mode, tap or ▸ SCAN, depending on the vehicle equipment.

   SCAN mode starts and the current station is shown on the display.

   The SCAN function key is shown.
2. To select a station, tap SCAN.

   SCAN mode stops and the station is tuned.

Selecting a Station Using the Multi-function Steering Wheel

Depending on the vehicle equipment, you can select stations from the station list or favorites using the multi-function steering wheel.

— To select the previous station, press ↑ on the multi-function steering wheel.

— To select the next station, press ↓ on the multi-function steering wheel.

Selecting a Station Using a Frequency Band

1. Open the settings and deactivate the summarized station list in the settings.
2. Select AM

   or FM reception mode.
3. To open the frequency band, tap .
4. Tap the cursor to press and slide to the frequency band and release at the desired frequency.

   Or: tap a point on the frequency band. The cursor automatically jumps to the corresponding frequency.

   The station at the set frequency will be tuned.

Selecting a station from the station list

Depending on the vehicle equipment, it is possible that the station list must be manually updated if you have left the area since the last time the station list was opened. In FM

/DAB reception mode, the station list generally updates automatically.

1. Open the station list.
2. Tap the desired station.

   The selected station will be tuned.

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In FM

/DAB reception mode, the best reception mode is selected automatically depending on station availability.

Selecting a Station and Saving as a Favorite

Depending on the vehicle equipment, you can save up to 36 stations or frequencies from different reception modes as favorites.

Saving a Station as a Favorite

1. Tune the desired station.
2. Tap ▫□▫▫.

   Or: tap and hold the station on the station list.

   The storage locations are displayed.
3. Tap and hold a storage location until the station is saved.

   The station is saved at the selected storage location.

   If a station was already saved at the storage location, this station will be removed from the storage location and replaced by the new station.

Showing or hiding the display of station logos and the DAB slideshow

1. Tap .
2. Tap radio text in the current playback.

Other Functions in Radio Mode

The functions listed below are available depending on the vehicle equipment and only in some countries.

Traffic program function (TP function)

The traffic program function (TP

function) monitors the messages of a set traffic report station and automatically tunes it in the current radio mode or media mode. To enable traffic reports to be received, there must be reception for a traffic report station and the TP function must be activated in the settings *→ Traffic program function (TP function)*. Traffic news stations are not available in all countries. Some stations without their own traffic program still support the TP function using a corresponding traffic report station (EON).

If there is reception for a traffic report station, a traffic report station will be tuned automatically in the background in AM

reception mode and in the media mode.

If it is not possible to receive a traffic news station,No TP appears on the display. The device automatically searches for a traffic news station that can be received. As soon as a new traffic news station can be received, the status on the display switches back to TP.

Activating the TP function

1. In radio mode, tap ⚙ or ⚙ and tap and activate Traffic program (TP).

   Or: in media mode, tap ⚙ or ⚙ ▸ Media and tap and activate Traffic program (TP).

Station logos

Station logos can be preinstalled for some frequency bands in the Infotainment system.

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If the Automatic station logo selection function is activated in the settings, the station logos are automatically assigned to the stations.

In Internet radio mode, the Infotainment system obtains the station logos from an online database and assigns them automatically to the stations.

Activating automatic assignment of the station logos

1. In radio mode, tap ⚙ or ⚙ and tap and activate ☑ Automatic selection of station logos.

Assigning station logos manually

In AM

reception mode, you cannot assign station logos manually.

1. Tap ⚙ ▸ Station logos in radio mode.
2. Select a station to which a station logo is to be assigned.
3. Select the station logo.
4. This process can be repeated for additional stations.
5. To finish assigning station logos, tap ⮌.

Functions and Symbols

Functions

The functions and possible reception modes depend on the vehicle equipment and are not available in all countries.

— AM
tuner.
— FM
dual tuner (diversity aerial).
— Summarized station list.
— Merging of FM
and DAB stations in a single list.
— Summarized preset list for favorites.
— Display of station logos.
— Antenna amplifier
— DAB
/DAB+.
— DAB
slideshow.
— Still images are transmitted ongoing parallel to the current program.
— Internet radio.

Symbols

The symbols depend on the vehicle equipment and are not available not in all countries and may look different depending on the Infotainment system.

General symbols

1. To open the main menu, open the app overview and tap ♫ or 📻 *(→ Overview of Infotainment system)*.

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Or: tap RADIO *(→ Overview of Infotainment system)*.

Or: press RADIO *(→ Overview of Infotainment system)*.

Select AM or the — Select reception mode AM.

Select FM or the — Select reception mode FM.

FM/DAB — Select FM/DAB reception mode.

Internet Radio — Select the Internet Radio reception mode.

Open additional information about the selected station.

< Select the last station from the station list or from favorites.

> Select the next station from the station list or from favorites.

Open or — Open the preset list for favorites.

Displayed small in a station list: stations already saved as favorites.

or — Opening the settings.

TP
Traffic program function (TP function) for traffic news monitoring is activated.

No TP
The selected report news station is not available.

AF Off
Automatic station tracking (AF) is deactivated.

RDS Off
Radio Data System (RDS) is deactivated.

Symbols for the AM Reception Mode

or — Open the station list for AM stations.

Manually update the station list.

or — Open the frequency band for manually selecting the AM frequency.

Symbols for the FM and, Depending on the Country, FM/DAB Reception Modes

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 or  Open the station list for the FM stations and, depending on the country, DAB stations.

 or  Open the frequency band for manually selecting the FM frequency.
This is only possible if the summarized FM /DAB station list is deactivated in the settings.

 DAB reception not possible.

 The DAB station supports Slideshow.

 Slideshow is not available for the DAB station.

Symbols for Internet Radio operation

 Open full-text search.

 Unable to receive Internet radio.

 Open the Internet radio station that was last listened to.

 Open the 100 most popular Internet radio stations.

 Open available Internet Radio podcasts.

 Open Internet radio stations that originate from the preferred country.

 Open Internet radio stations that transmit programs in the preferred language.

 Open Internet radio stations whose programs are of the preferred genre.

 Open the station selection.

Online Functions

Depending on the vehicle equipment, the Infotainment system features online functions in radio mode.

Online functions in radio mode are not available in all countries and vehicle models.

Online functions in radio mode include Internet Radio, for instance.

Prerequisites for using online functions in radio mode:

✓ The prerequisites for using the services have been met *(→ Online services)*.

✓ You have purchased a corresponding data plan for an Internet connection through the In-Car Shop and are connected to your vehicle via the Wi-Fi hotspot on your cell phone .

✓ For streaming services, you may need an existing account with the respective provider.

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Internet radio

Internet radio is a reception mode for Internet radio stations and podcasts independent of AM, FM and DAB. Due to its transmission over the internet, receipt is not regionally limited. Internet Radio is only available if the Infotainment system has an active Internet connection . Costs for streaming data online may result when using Internet radio.

This function of the Internet Radio in some countries depends on your vehicle privacy settings *(→ Privacy settings)*.

Searching For and Filtering Stations

In Internet Radio mode, stations can be filtered or searched for according to category.

1. Open the station selection.
2. Select the categories by which to filter the stations.

   Or: to start the full-text search, tap Q.

   The input line is displayed.
3. Enter the name of the preferred station or the preferred category.

   The list of the found stations updates automatically during input.
4. Tap the desired station.

Introduction

In media mode, you can play back media files from data carriers via the Infotainment system and, depending on the vehicle equipment, save your favorites for quick access.

Depending on the vehicle equipment, the following data carriers can be used as media sources:

— USB
  storage medium, e.g. USB flash drive.
— Bluetooth device, e.g. cell phone.

Depending on the vehicle equipment, the following types of media files can be played:

— Audio files, e.g. music.

— Video files.

Restrictions and instructions for data carriers

Dirty, overheated or damaged data carriers are not to be used. Read and heed the information provided by the manufacturer.

Difference in quality between data carriers from different manufacturers can cause problems with media playback.

Wrong configuration of data carriers can lead to the data carriers being unreadable.

The storage volume, condition (copy and delete processes), file system, folder structure and the amount of saved data can increase the time taken to read data carriers.

Playlists only define the order of play and refer to the saved location of the media files within the folder structure. No media files are saved in playlists. To play a playlist, the media files must be present in the data storage device memory location, to which the playlist refers.

Volkswagen is not responsible for damaged, altered or lost files on data carriers.

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Playing a Media File

Connecting and Selecting a Media Source

1. Connect the media source.
2. Tap My media and select your preferred media source.

Searching For and Playing Media Files

You can search for and play media files from a media source in a variety of ways.

Searching the Selected Media Source

You can find all of the media files on the connected media source via a folder structure or by using the full-text search.

1. Open the folder structure.
2. Searching the folder structure for a desired track.

   Or: to start the full-text search, tap ○ and enter the name of your desired track.

   The list of the found tracks updates automatically when you enter the name of a track.
3. Tap the desired track.

   When playback starts, if the selection is located in a folder on a media source, all of the media files located in the folder will be added for playback.

   If a playlist is played back, all available tracks on the playlist will be added for playback.
4. Close the selection with ×.

Saving the Media File as a Favorite

Only media files that are saved in My Media in the Music and Video folders can be saved as favorites. You can save individual tracks, albums, artists and genres as favorites.

1. Start playback of the desired track.
2. Open the favorites list.
3. Tap an available storage location.

   Or: tap on an already occupied favorite position, and press and hold for approx. three seconds.
4. Select from the selection list:, e.g. title.

   The selection options in the selection list depend on the data attached to the media file. If a genre is not indicated for music files, the genre cannot be saved as a favorite.

   If a video file is currently being replayed, only this video can be saved as a favorite.

   The selection is saved in the selected favorite position as a favorite. If the favorite position was already occupied, the previously saved favorite will be replaced by the selection.

Selecting a Media File from Favorites

1. Open the favorites list.
2. Tap on your favorites.

   Depending on the selection, all tracks heard during the current playback will be added to favorites.

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Entertainment playback via the Infotainment system

The Infotainment system can play music and videos.

Video mode

In video mode, the Infotainment system display can play a video from a data carrier.

The video sound is played back via the vehicle speakers.

The video image is only displayed when the vehicle is stationary. The Infotainment system display will be switched off when the vehicle is moving. The video sound will continue to be played.

In some countries, for road safety reasons, no video image is shown even when the vehicle is stationary.

Functions and Symbols

Functions

The functions and possible media formats depend on the vehicle equipment and are not available in all countries.

— Media playback and media control via connected media sources.

— Audio playback in these formats:

  — AAC

    .

  — APE

    .

  — ALAC

    .

  — FLAC

    .

  — MP2

    .

  — MP3

    .

  — MP4

    .

  — Vorbis.

  — OPUS

    .

  — WMA

    .

  — WAV

    .

— Video playback in these formats:

  — MPEG

    -1 and MPEG-2 (.mpg, .mpeg, .mkv, .avi).

  — ISO

    MPEG-4 ASP; Xvid (.mp4, .m4v, .mov, .mkv, .avi).

  — ISO

    MPEG-4 AVC/H.264 (.mp4, .m4v, .mov, .mkv, .avi).

  — Windows Media Video 9 (.wmv, .asf, .mkv, .avi).

— Cross-device playlists.

— Cross-source media database: My media.

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— Data from all media sources connected to the Infotainment system are stored in My media, a media database.

— If My Media is selected, the categories (e.g. music) and connected media sources are displayed.

— All media files from USB devices are filtered by category (e.g. albums). This category view is always displayed In My Media. The classic folder structure of the individual USB data carriers can also be found in the My Media menu.

— Media search.

Symbols

The symbols depend on the vehicle equipment and are not available not in all countries and may look different depending on the Infotainment system.

General symbols

1. To open the main menu, open the app overview and tap ▷ *(→ Overview of Infotainment system)*.

   Or: tap MEDIA *(→ Overview of Infotainment system)*.

   Or: press MEDIA *(→ Overview of Infotainment system)*.

▷ Start replay.

|| Pause replay.

< Go to the previous track.

> Skip to the next track.

Repeats the current track.

Repeats all tracks.

Activate random playback.

Search current media source (list view).

✕ Close list view.

Go back one folder level in the media source.

☆ Open the favorites list.

Opening the settings.

Symbols for media sources

My media: select cross-source media database My media as the media source. Connected USB devices and their folder structures may be selected under My media.

Bluetooth audio: select a device connected via Bluetooth as a media source.

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Symbols for categories and groups of media files

 Music tracks.

 Videos.

 Playlists.

 Albums.

 Artists.

 Genres.

 Podcasts.

 Audiobooks.

Video replay symbols

 Replay video in full-screen mode.

 Minimize replay.

The current vehicle position is determined by a global satellite system. In order to enable optimum navigation to your destination, all measured values and possible traffic information are compared with the available map material.

Acoustic navigation announcements and graphic displays lead you to your destination.

Depending on the country, it may not be possible to select some Infotainment system functions on the screen when driving above a certain speed. This is not a malfunction, but rather compliance with legal regulations.

WARNING

If settings are adjusted, destinations entered and changes made to navigation information while driving, the driver may be distracted and cause accidents and injuries.

- Always drive attentively and responsibly.
- Only adjust settings, enter destinations, or change navigation information when the vehicle is stationary.

If you missed a turn on your route, the navigation system may recalculate the route.

The quality of the driving directions depends on the available navigation data and, depending on the country, any reported traffic incidents.

In order to use online functions and online services, e.g. traffic information, the corresponding mobile online service needs to be activated. Only then can traffic information, for example, be displayed in the navigation system.

Navigation restrictions

If the Infotainment system cannot receive data from GPS satellites, for example in a tunnel, navigation will still be possible using the vehicle's sensors.

In areas that are not digitized or only partially digitized in the Infotainment system memory, the Infotainment system will still try to provide route guidance.

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If navigation data is missing or incomplete, the vehicle position may not be determined accurately. This may result in navigation that is not as accurate as usual.

The road layout is subject to constant changes, e.g. construction sites. Using outdated navigation data can lead to errors or uncertainty when using route guidance.

Function descriptions

Voice guidance

Navigation messages are acoustic driving directions for the current route. The type and frequency of navigation messages depends on the settings and the driving situation, such as the start of the route guidance and whether you are driving on a highway or roundabout. You can adjust or mute the volume during a traffic announcement. All other navigation announcements will be given at that volume or will be muted.

If the destination cannot be reached exactly, for example because it is not in a digitized area, there will be a navigation announcement that the Destination area has been reached. Messages about the direction and distance to your destination will also be displayed on the screen.

Depending on the vehicle equipment and in some countries, reported traffic incidents on the route are announced during dynamic route guidance. There will be an additional navigation announcement if the route is recalculated due to a traffic incident or a change in driving style.

Navigation messages will not be given if the Infotainment system is muted.

Adapting the Navigation Map

To ensure an optimum view, you can also adapt the navigation map and map view using enhanced finger movements.

Moving the navigation map

Recommendation: Use index finger.

1. Move the navigation map with your finger.

Zooming in or out on the map view

Recommendation: Use index finger.

1. Tap and hold the map twice in a row.
2. To zoom out of the map view, move your finger upwards.

   Or: to zoom in on the map view, move your finger downwards.

Zooming in or out on the map view

Recommendation: Use thumb and index finger.

1. Tap and hold the map with two fingers at the same time.
2. To zoom out of the map view, slowly slide your fingers toward one another.

   Or: to zoom into the map view, slowly slide your fingers away from one another.

Tilting the map view

Recommendation: Use index and middle finger.

1. Tap and hold the map with two fingers at the same time, held horizontally next to each other.
2. To tilt the map view to the front, move your fingers upwards.

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Or: to tilt the map view to the back, move your fingers downwards.

Rotating the map view

Recommendation: Use thumb and index finger.

1. Tap and hold the map with two fingers at the same time.
2. Turn your fingers clockwise or anti-clockwise to turn the map view.

Route plan

Multiple destinations can be defined in succession in the route plan. The starting point is always the vehicle position as determined by the Infotainment system. The route plan contains information about relevant events, such as waypoints and destination suggestions, if the relevant data is available to the navigation system. You can move stopovers to another position within the list. Tapping an event will open a dialog box with additional options. The options available depend on the event and the current settings.

Opening and closing the route plan

1. Tap the route plan to open.
2. To close the route plan, tap ›.
3. To stop the route guidance to the destination or waypoint, tap ⊗ next to the destination in the route plan.

Editing Route Guidance in the Route Plan

To edit route guidance, move the stopovers or the destination in the route plan.

1. Tap and hold the desired destination until it is visibly highlighted.
2. Move the destination to the desired position and release it.

   The route will be recalculated.

Additional dialog box in the route plan

Tapping the route plan entries may cause a dialog box to open with additional options for these entries. The options available depend on the entry that is tapped.

Functions in the split screen:

Display on map
: Displays the selection on the map.

Add waypoint
: Adds a waypoint to the route guidance.

Direct route
: Starts direct route guidance.

Delete
: Delete waypoint from route guidance.

Avoid
: Avoid traffic disruptions. The route will be recalculated.

Stop route guidance
: Ends the current route guidance.

Closing an additional dialog box in the route plan

1. Tap a free area outside of the additional window.

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Setting preferred POI categories

The system offers different points of interest, e.g. gas stations, using the quick select symbol when entering destinations, in the route plan and on the map. You can prioritize how these symbols are displayed under ⚙ ▸ Basic function settings ▸ Preferred POI categories. The system also automatically learns your preferred categories.

Saved data

In order to enable you to enter destinations quickly and to optimize route guidance, the Infotainment system saves certain data, such as frequently driven routes and positioning data.

Delete saved data

1. Tap ⚙ ▸ Basic functions ▸ Delete usage pattern.
2. Tap confirm to delete the data.

Learning usage patterns

While driving, the Navigation system saves routes traveled and destinations reached in order to create automatic destination suggestions. Destinations are learned with reference to the time of day and the day of the week.

The navigation system can suggest pre-learned routes. Selecting one of the suggested routes will cause route guidance to begin.

The route guidance follows the selected route until you deviate from it. The route will then be recalculated and will lead back to the selected route via the most direct path.

Relevant traffic disruptions are taken into consideration in route guidance. If an alternative route and the navigation data are available, relevant disruptions will be avoided.

If you are driving a pre-learned route without active route guidance, the destination is added to the route plan. Route guidance does not need to be actively started for a journey to a pre-learned destination. You are warned about traffic disruptions if necessary.

A predicted arrival time is displayed.

You can activate or deactivate this function at any time as well as delete the saved data for this function.

Activating or deactivating “Learn usage pattern”

1. To open this function's settings, tap ⚙ ▸ Basic function settings.
2. Tap Learn usage pattern.

Opening Suggested Routes

1. Tap 🔍.

Deleting saved “Learn usage pattern” data

1. To open this function's settings, tap ⚙ ▸ Basic function settings.
2. Tap Delete usage pattern.

Functions and Symbols

Functions

The functions of the navigation system depend on the vehicle equipment and are not available in all countries.

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— Entering a destination and route calculation.
— Simultaneous display of two navigation maps(screen and instrument cluster).
— Personal destinations.
— 3D City Maps.
— Online Map Update.
— Online Traffic Information.

Symbols

The symbols depend on the vehicle equipment and are not available not in all countries and may look different depending on the Infotainment system.

General symbols

1. To open the main menu, open the app overview and tap△ *(→ Overview of Infotainment system)*.
   Or: press NAV *(→ Overview of Infotainment system)*.

Destination search.

Display navigation map.

Open saved addresses (contact list for the connected cell phone).

Display destination memory.

Destinations and stopovers along the current route.

Personal destination suggestions (home address, work address, favorite POIs
s nearby).

or Opening the settings.

Symbols on the map

The function keys and displays shown depend on the settings and the current driving situation.

Symbols for traffic information, e.g. traffic disruptions, andPOIs
s, e.g. gas stations, are displayed on the map if the data is available to the navigation system *(→ Traffic information)*.

Display current position.

Display route options.

Fully automatic map mode(orientation in direction of travel, position, zoom and tilt)

Determine driving direction and map tilt, align map.

Map scale.

Display dialog box with additional options. If necessary, map menu with settings for navigation and navigation announcements.

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Symbols in the route plan

Display current position.

Destination for the current route guidance.

Ends the current route guidance.

Close route plan.

Symbols in the dialog box

1. To open the additional window, tap on ≡.

Display route overview and alternative routes to the current route guidance.

Repeats the last navigation announcement.

Mute or adjust volume of navigation instructions.

Additional symbols

Destination search: detailed destination input for an address.

Traffic disruptions

Traffic disruptions are displayed on the map if the data is available to the navigation system *(→ Traffic information)*.

1. Tap a traffic disruption to open a dialog box with details *(→ Navigation)*.

Traffic jam.

Accident.

Ice.

Road closed.

Slip hazard.

Danger.

Construction zone.

Strong wind.

Inputting destinations and starting route guidance

Depending on the vehicle equipment, different functions are available for inputting destinations. Some functions are only available in some countries.

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The various functions for inputting destinations are located in the navigation system main menu. You can further restrict your search with specific suggestions in the results list, e.g. “nearby”.

For further information about symbols on the Infotainment system screen, see *(→ Navigation)* in this Owner's Manual.

Enter address

Start route guidance by entering an address. During input, the navigation system suggests already known destinations. You can also enter a new, unknown address for route guidance.

When inputting the address, input the name of the destination, not the postcode of the destination.

Selecting the destination and starting the navigation system

1. Tap Q.
2. Enter the destination address and select your desired destination.

   Or: tap ⌨ and enter the address via the input screen.
3. Tap Route.

Quick start

1. Tap Q.
2. Enter the address of the destination, tap the desired destination and hold for a few seconds.

Enter the destination as accurately as possible. If there is an error in the destination entered, route guidance cannot take place or may lead to the wrong destination.

Destination suggestions

Navigation uses saved data such as your last destinations, learned destinations, favorites, home address and work address to provide you with route guidance.

Selecting the destination and starting the navigation system

1. Tap ♡.
2. Tap on the desired destination.

   The route guidance starts automatically.

Last destinations

The navigation system saves up to ten of the most recent destinations to make them available for route guidance. A new destination automatically overwrites the oldest destination.

Selecting the destination and starting the navigation system

1. Tap ⚑▶⚑.
2. Tap on the desired destination.
3. Tap Route.

Quick start

1. Tap ⚑▶⚑.

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2. Tap and hold the preferred destination for a few seconds.

Favorite Destination

You can save up to 50 journey destinations as favorites.

Saving a journey destination as a favorite

1. When you enter a destination in the additional window, tap☆.

Selecting the destination and starting the navigation system

1. Tap .
2. Tap on the desired destination.
3. Tap Route.

Quick start

1. Tap .
2. Tap and hold the preferred destination for a few seconds.

Selecting on the map

The navigation map contains active areas at many points which are suitable for the input of a destination. To enter a destination, tap on your preferred position or preferred location on the map. If map data is available at this point, you can launch route guidance.

Entering a destination via the navigation map is dependent on data status and not possible for all positions.

Use the Offroad navigation system to enter a destination to a selected destination point with unknown data *→ Offroad navigation*.

Offroad navigation

The Offroad navigation system calculates routes to selected destinations with unknown data. If the destination is not located on a known road or at a known position, the navigation system will calculate the route up to the next point on the known road and then complete the route to the destination using a straight line.

Starting the navigation

1. Tap .
2. Press and slide the map view until you can select your desired position. You can operate the navigation map using extended finger touches *(→ Navigation)*.
3. Tap the preferred destination or any destination point on the map without positioning data.
4. Tap Route.

Using a contact's address data

Start route guidance via the saved address data for a contact. You cannot use contacts for whom you have not saved any address data for route guidance.

Starting the navigation

1. Tap .

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2. Tap on the preferred contact and address data.
3. Tap Route.

NOTICE

If the address data for a contact is out of date, the stored address will be used when route guidance is activated and may take you to the wrong destination.

- When starting route guidance, make sure that the stored address for a contact is up to date.

Navigation data

The Infotainment system is equipped with an internal navigation data storage medium. Depending on the country, the required navigation data may already be installed.

The Infotainment system always requires up-to-date navigation data to ensure that route guidance can be implemented correctly and that the functions provided are fully available.

NOTICE

If you use outdated navigation data, there may be adverse effects on the navigation system. It may not be possible to determine up-to-date routes, or route guidance may guide you to an incorrect destination.

- Always ensure that your navigation data is kept up-to-date.

Navigation Data Online – Additional Information

Regions in the navigation data that you do not use can be removed from the system under certain circumstances, e.g. navigation data memory low on space. If you subsequently need these regions again at a later time, the navigation system will download them again on request. No contract for mobile online services is required for this purpose. This service depends on the vehicle equipment and is only available in some countries.

1. Switch the ignition on.
2. Establish an Internet connection if you have not already done so.
3. Depending on the country, also select the “Share my position” mode in the privacy settings *(→ Privacy settings)*.

Users who use the vehicle as an anonymous guest will need to reselect the privacy settings each time the vehicle starts *(→ Privacy settings)*.

Updating navigation data manually

Up-to-date navigation data for larger regions, such as Western Europe, can be downloaded online at www.volkswagen.com and stored on a suitableUSB

data carrier, available to buy in stores. If the Infotainment system is switched off during the process, installation will be interrupted and it will continue automatically once the system is turned on again.

1. Download and save the navigation data onto aUSB

   data storage device.
2. Switch the vehicle ignition on.
3. Link the USB

   data carrier to the Infotainment system when the vehicle is stationary.

   The navigation data for frequently driven regions is automatically updated in the background.

While and after updating the navigation data, no message appears in the Infotainment system.

If you update the navigation data manually, theUSB data carrier must remain permanently connected. You will not receive a notification when the update is complete.

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Do not disconnect the USB data carrier from the Infotainment system for a few days until the navigation data for visited regions has been fully downloaded and installed. The installation will start automatically in the background during the journey. Doing so will cancel the update process.

If you disconnect the data carrier and visit a new region in offline mode, the navigation data is not updated due to the lack of a USB data carrier and an Internet connection.

Displaying the map data version

1. Open the app overview and tap ⚙ ▸ System information.

Traffic information

Reception of traffic information depends on the vehicle equipment and is not available in every country.

The Infotainment system automatically receives detailed traffic information when there is an active Internet connection. This information is displayed on the map via symbols and color coding on the road network *(→ Navigation)* → *Traffic flow display*.

Reception of traffic information is possible in some countries if permitted by the privacy settings selected. No traffic information is received in offline mode *(→ Privacy settings)*.

Traffic disruptions

Traffic disruptions such as traffic jams are displayed on the navigation map as symbols *(→ Navigation)*.

The route plan displays current traffic disruptions if the relevant data is available to the Navigation system.

If route guidance is active, traffic disruptions on the current route will be displayed on the route plan. You can avoid these traffic disruptions by modifying the route plan.

Avoiding traffic disruptions

1. Tap the traffic disruption.
2. Tap Avoid.

   The route will be recalculated.

Only one traffic disruption can be avoided in this manner for each route guidance.

Local warnings, e.g for severe weather, can be played via the Infotainment system as a pop-up notification.

Traffic flow display

The traffic flow for current traffic disruptions is displayed on the navigation map via color coding on the road network.

Orange

Stop-and-go traffic.

Red

Traffic jam.

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Introduction

Using the phone interface, you can connect your cell phone to the Infotainment system and control the phone functions via the Infotainment system. The sound is played back via the vehicle speakers. Depending on the vehicle model and equipment, you can connect up to three cell phones to the Infotainment system at the same time *(→ Phone interface)*.

The functions depend on the vehicle equipment, are not available in all countries and depend on the cell phone used and its operating system.

High speeds, poor weather and road conditions, a lot of background noise, even outside the vehicle, and the network quality can impair phone calls in the vehicle.

The phone interface may contain an antenna amplifier that improves the reception quality of the cell phone.

You generally only need to pair a device like a cell phone once per technology, Bluetooth or Wi-Fi. The connection of the device with the Infotainment system via Bluetooth or Wi-Fi can be restored at any time without re-pairing the device.

For a phone call via the hands-free system or at a high volume, a conversation may also be heard by third parties outside the vehicle.

Locations with special regulations

Switch off the cell phone and phone interface at locations where there is a risk of explosions. These locations are not always clearly identified. These include, for example:

— Areas near pipes and tanks containing chemicals

— Lower decks in ships and ferries

— Areas near vehicles powered by liquefied petroleum gas, such as propane and butane.

— Areas with chemicals or particles in the air, such as flour, dust, or metal powder

— All other locations where the engine or the cell phone must be switched off.

WARNING

In potentially explosive environments, e.g. in the vicinity of gas stations and at other similar locations with specific regulations, ignition sparks caused by electrostatic discharge or cell phones, for example, can cause an explosion or a fire and lead to serious or fatal injuries.

- Switch off the cell phone and phone interface at locations where there is a risk of explosions, e.g. in the vicinity of gas stations, and locations with specific regulations.
- Do not use the cell phone and phone interface at locations where there is a risk of explosions, e.g. in the vicinity of gas stations, and locations with specific regulations.

Types of phone interface

Depending on the country and vehicle equipment, your vehicle may have the following mobile phone interfaces:

— Phone interface basic configuration.

The phone interface uses the Hands-Free Profile (HFP) Bluetooth profile for transmission. This profile enables the use of phone functions via the Infotainment system and playback via the vehicle speakers.

— Convenience phone interface.

Just like the basic configuration of the phone interface, the Convenience phone interface uses the HFP Bluetooth profile.

The Convenience phone interface can be equipped with the wireless charging function *(→ Charging Options for Mobile Devices)*. In order to use the features of the wireless charging function, you need to place a suitable cell phone correctly in the storage compartment. Depending on the vehicle equipment and cell phone compatibility,

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the cell phone connects to the vehicle antenna when you place it in the storage compartment. This improves reception and call quality.

Wireless Charging Function and Connection to the Vehicle Aerial

Depending on the vehicle model and equipment, and also in some countries, a connection to the vehicle antennas is automatically established on the driver's side (depending on the model) for using the wireless charging function *(→ Charging Options for Mobile Devices)* by using the storage compartment. This can reduce interfering signals in the cell phone reception, if necessary. If the reception or the quality of the conversation is not improved or there are still audible interfering signals in the mobile phone reception, the cell phone must be positioned the other way around, with the screen facing up, in the storage compartment for the wireless charing function for an improved connection.

Depending on the vehicle model and equipment and in some countries, the wireless charging function can charge multiple cell phones simultaneously. In this case, the connection to the vehicle antenna can only be established if only the storage compartment on the driver's side is used.

Coupling, connecting and managing

To use the phone interface functions, pair and connect a cell phone with the Infotainment system. Depending on the vehicle equipment, you can connect up to two cell phones to the Infotainment system at the same time. However, only one device is active at a time and can be used to make calls. The second connected device can receive calls via the Infotainment system and be used to play media.

The following listed functions may not be available in all Infotainment systems in some countries and depending on the vehicle equipment. The available functions depend on the cell phone used and its operating system.

Pairing a cell phone

Before connecting for the first time, you need to pair the cell phone with the Infotainment system. A user profile is then automatically saved in the Infotainment system *(→ Phone interface)*. The coupling process may take a few minutes.

1. Activate Bluetooth in the cell phone.
2. Activate Bluetooth in the Infotainment system.
3. Open the list of available Bluetooth devices on your cell phone and select the device name for the Infotainment system.
4. Pay attention to messages on the cell phone and in the Infotainment system and confirm these if necessary.

   If the pairing is successful, the data on the cell phone will be saved in the user profile.
5. *Optional:* Confirm the message for transferring the data on the cell phone.

⚠ WARNING

If you carry out the coupling when driving, this may cause accidents or injuries.
- Only carry out the coupling when the vehicle is stationary.

When pairing some cell phones, a PIN may be displayed on the cell phone screen. Type this PIN into the Infotainment system to finish pairing.

Depending on the vehicle equipment, wireless charging may be deactivated while you are using the Known cell phones menu. The cable-free charging function is reactivated if you leave the menu.

Connecting a cell phone

1. Pair a cell phone with the Infotainment system.
2. Activate Bluetooth in the cell phone.

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User profiles

An individual user profile is automatically created for each paired cell phone. Data from this cell phone, e.g. contact data, is stored in the user profile. A maximum of ten user profiles may be saved in the Infotainment system simultaneously.

Completely delete saved data

1. Reset the Infotainment system to factory settings *(→ First steps in the Infotainment system)*.

Active and passive connection

In order to use the phone interface functions, at least one cell phone must be connected to the Infotainment system. If several cell phones are connected to the Infotainment system, you can switch between an active and an inactive connection. In order to operate the phone interface with your preferred cell phone, establish an active connection to the Infotainment system.

Difference between the types of connection

Active

The cell phone is paired and connected. You can carry out phone interface functions using data from this cell phone.

Passive

The cell phone is paired and connected. You can only take incoming calls via the phone interface. Other functions are not available.

Paired cell phones are saved in the Infotainment system even if they are not currently connected.

Change connection type (inactive to active)

Precondition:

✓ Several cell phones are connected to the Infotainment system simultaneously.

1. Tap .

   Or: tap on the name for the active cell phone.

   Or: tap Replace.

   The actively connected cell phone is highlighted.
2. Tap the name for the preferred cell phone.

   The connection with the other cell phones will be inactivated automatically.

Connection management

Precondition:

✓ The cell phone is paired and connected.

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1. Open the app overview and tap ▸ Mobile devices.
2. Tap to connect the desired technology.

Phonebook

This first time a cell phone is paired with the Infotainment system, the phonebook is saved in the Infotainment system. If necessary, confirm the transfer on the cell phone.

Depending on the vehicle equipment, you can save up to 5000 contacts in your phonebook.

The phonebook is updated after each new connection. During the update, the present phone directory can still be used.

If teleconferences are supported, the phonebook can be opened during a phone call and another participant can be added to the phone call.

If an image is stored for the contact, it can be displayed in the list next to the entry.

The symbols may look different depending on the Infotainment system.

Using a phone

Select a telephone number to make a call. Various functions are available for selecting a telephone number.

Using contact data

If a contact has multiple telephone numbers, you must select the number you wish to call accordingly.

1. Tap .

   Or: to search for a contact, tap and enter the name of the contact in the input field.

   Or: To call a favorite, tap Favorites in the main menu of the phone interface.
2. Tap on a contact in the list to make the call.

When searching for a contact, enter the last name and first name separated by a space.

Using a call list

The phone interface displays the call list for the cell phone.

1. Tap ▸ All.

   Or: Tap and filter entries in the call list, e.g. by missed calls.
2. Tap on a number or, where applicable, a contact in the list to make the call.

Manually entering the telephone number

1. Tap and enter a telephone number.
2. Tap to make the call.

While you are entering a telephone number, the contact related to the number is displayed on the Infotainment system screen.

Favorites and speed dial keys

A speed dial key can be assigned with a favorite from the phonebook. If the entry contains an image, this is displayed on the speed dial key.

Speed dial keys must be programmed manually and are assigned to a user profile *(→ Phone interface)* *(→ Bluetooth)*.

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Programming a speed dial key

1. Tap a free speed dial key.
2. Tap a contact in the phone directory or search for it using the search bar. If a contact has multiple telephone numbers, tap a number on the list.

Editing the speed dial key

1. Tap and hold the speed dial key until the phonebook opens.
2. Tap the new contact in the phone directory. If a contact has multiple telephone numbers, tap a number on the list.

Calling a favorite

1. Tap a programmed speed dial key.

Favorites are not automatically updated. If the phone number for a contact changes, the speed dial key must be reassigned.

Deleting a favorite from the speed dial key

1. Tap ▸ ▸ Manage favorites.
2. To delete a favorite, tap the preferred speed dial key.

   Or: tap ▸ .

   Or: to delete all favorites from all speed dial keys, tapDelete all.
3. Tap confirm to delete the data.

Sending text messages

Depending on the cell phone and the Infotainment system in use, you can send and receiveSMS text messages and, depending on your country, e-mails via the phone interface.
Sending and receiving e-mails is also dependent on the app used on the cell phone.

Sending an SMS

1. Tap ▸ SMS ▸ New message and enter the message on the screen.
2. Enter the desired contact in the search bar.
3. Tap OK to send the message.

Sending an e-mail

1. Tap ▸ E-MAIL ▸ New message and enter the message.
2. Enter the desired contact in the search bar and tap.
3. Tap OK to send the message.

Functions and Symbols

Functions

The functions depend on the vehicle equipment and are not available in all countries. The available functions depend on the cell phone used and its operating system.

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— Hands-free system.

— SMS

functions via Bluetooth:

— Read SMS

.

— Write SMS

, inc. templates.

— Have an SMS

read out.

— Message thread.

— E-mail functions via Bluetooth:

— Read e-mail.

— Write e-mail.

Symbols

The symbols depend on the vehicle equipment and are not available not in all countries and may look different depending on the Infotainment system.

General symbols

1. To open the main menu, depending on the vehicle equipment, open the app overview and tap *(→ Overview of Infotainment system)*.

   Or: tap PHONE *(→ Overview of Infotainment system)*.

   Or: press PHONE *(→ Overview of Infotainment system)*.

Open contact list.

Open incoming and outgoing calls lists.

Dial telephone number.

Open messages, SMS

and, depending on your country, e-mail.

Change active device.

or Opening the settings.

Symbols for telephone calls

Starting, handling and displaying a call.

End or decline a call.

Mute the hands-free system.

Put a call on hold.

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Continue a call.

Add participants to a phone conference or begin a phone conference.

SOS or SOS Make an emergency call (SOS).

Receive breakdown assistance.

Voice mail.

Receive information about Volkswagen and various value added traffic and travel services.

Call list symbols

1. To open the call lists, tap on.

or Received incoming call.

or Outgoing call.

Missed call.

Frequent calls or favorites from your cell phone, if supported by your cell phone.

Telephone number (company).

Telephone number (private).

Cell phone number.

Fax device.

Fax device (company).

Fax device (private).

Text message symbols

1. To open the text messages, tap on.

Template for text messages.

Have text messages read out.

Introduction

With voice control, you can have certain functions carried out by voice command.

Does my vehicle have voice control?

If there is a button on the multi-function steering wheel or the VOICE button is available in the Infotainment

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system or your vehicle understands the activation word, voice control is installed in the vehicle.

Voice control is active and recognizes spoken words.

Test voice control before a journey to get to know the function.

Types of voice control

Depending on which language has been set in the Infotainment system, one of the following voice controls will be available in the vehicle:

— Command-based voice control (standard).

Only grammatically correct voice commands are recognized by the voice control. Voice commands must follow a fixed syntax in order to be recognized correctly, e.g. "Navigate to [*city, street name, house number*]". You can find further examples in the Infotainment system. The command-based voice control can be carried out in any available language.

— Enhanced voice control (offline or online).

Speech commands can be freely worded in common speech. For example, in response to the question "How long is left to drive?", the system gives the remaining time until arrival at the destination. Suggestions for voice commands depend on the set language and can be found in the Infotainment system.

Enhanced voice control works both online and offline. In online mode, an improvedPOIs search is provided by evaluating voice commands, for example. Additionally, messages can be dictated. For online mode, you will require a valid contract for using mobile online services for the vehicle .

If enhanced voice control is available in your language, it is used to activate voice control.

Supported languages

The number of languages available in your country depends on the vehicle equipment.

Start voice control by saying the activation word available in your country *(→ Voice control)*.

Starting and ending voice control

Voice commands

Voice control only recognizes voice commands in the language selected in the infotainment system.

Observe the following tips for successful voice commands:

✓ Speak clearly and at normal volume. Speak a little louder at higher speeds.

✓ Avoid excessive emphasis and strong accents.

✓ Do not leave long pauses in speech.

✓ Avoid external and background noise.

✓ Do not direct the air flow from the vents towards the microphone or headliner.

Open suggestions for speech commands

1. Open the app overview and tap ? ▸ .

   Or: open the app overview and tap ? ▸ .

To ensure that names in the phonebook are identified correctly, you may need to switch the order of the first and last names of the desired contact, depending on how the phonebook entry is structured.

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Starting voice control

You can use different methods to start voice control, depending on the vehicle equipment:

1. Start via speech: Say the activation word *(→ Voice control)*.

   Or: to start via the multi-function steering wheel: press the or button.

   Or: to start via the Infotainment system: tap VOICE.

Depending on the cell phone and operating system, and also for some Infotainment systems, the voice control of a connected cell phone can be started by pressing and holding the or button, the sensor area or the VOICE button .

Ending voice control manually

You can use different methods to end voice control, depending on the vehicle equipment:

1. To end via speech: to open suggestions for a voice command to cancel the voice assistant, open the app overview and tap ? ▶ ▶ General.

   Or: open the app overview and tap ? ▶ ▶ General.

   Or: to end via the multi-function steering wheel: press the button twice in quick succession or press once.

Voice control will end automatically in the following scenarios:

— Functions in the Infotainment system are being used.

— The parking system is activated.

— During an incoming call.

— During tasks involving speech, warnings and navigation.

Activation word

The spoken words are continuously analyzed in the vehicle and overwritten after approximately 15 seconds. As soon as the Infotainment system recognizes the activation word, voice control will begin. If voice control is available online and activated, (voice) data will also be derived from the vehicle from this point onwards. Otherwise, there is no transmission of data or words spoken in the vehicle.

Detection of the activation word can be deactivated in the settings→ *Activation word*.

Activating or Deactivating the Activation Word

If the activation word is deactivated, voice control cannot be started via the activation word.

1. Open the app overview and tap ⚙ ▶ Voice control ▶ Voice control start/end sound or Activation word.

Speaking and recognizing the activation word

Precondition:

✓ The Activation word has been activated in the settings.

BG Здравей Volkswagen.

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BR Olá Volkswagen.

CDN Bonjour Volkswagen.

CZ Ahoj Volkswagen.

D Hallo Volkswagen.

DK Hej Volkswagen.

E Hola Volkswagen.

F Bonjour Volkswagen.

FIN Hei Volkswagen.

GB Hello Volkswagen.

GR Γεια σου Volkswagen.

I Ciao Volkswagen.

J ノ\口一 Volkswagen.

MEX Hola Volkswagen.

N Hallo Volkswagen.

NL Hallo Volkswagen.

P Olá Volkswagen.

PL Cześć Volkswagen.

ROK 안녕 Volkswagen.

RUS Привет Volkswagen.

S Hej Volkswagen.

TR Merhaba Volkswagen.

USA Hello Volkswagen.

Troubleshooting

Voice control is not responding

— Voice control is not available in your language.

— Set the correct system language in the Infotainment system.

— Start voice control by using the activation word or the button on the multi-function steering wheel.

— Voice commands are not recognized due to a system error. Contact suitably qualified professionals for assistance.

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Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Voice control is giving unsuitable responses

— Voice control has misinterpreted the question.

— Clearly give your voice command again.

Voice control is not performing the function

— This function cannot be performed by voice control.

— The function is not available in all languages. You can find suggestions for voice commands in the set language in the Infotainment system.

— Settings within the function are preventing the device from switching on or carrying out the function.

— Voice control did not understand the voice command.

— There is insufficient data.

Stowing luggage and cargo

Stowing luggage securely in the vehicle

— Distribute luggage as evenly as possible in the vehicle. Do not cover any vent openings.

— Always stow luggage and heavy objects in the luggage compartment and place them as far forward in the compartment as possible →⚠.

— Adhere to the Gross Axle Weight Rating and Gross Vehicle Weight Rating .

— Secure objects in the luggage compartment using suitable securing cords, fixation belts or tensioning straps on the tie-downs.

— Also store small objects securely.

— If necessary, fold the rear seat backrest down and lock it securely.

— If necessary, adjust the headlight range. Vehicles with dynamic headlight range control will adjust automatically.

— Adjust the tire pressure based on the load. Follow the tire pressure label *(→ Tire pressure)*.

⚠ WARNING

Objects or animals that are not secured or are secured incorrectly can cause serious or fatal injuries in the event of sudden driving and braking maneuvers or a collision. This is especially true if the airbags deploy and strike objects, causing them to fly through the vehicle interior.

- Store all objects securely in the vehicle. Follow the legal regulations whilst doing so.
- Stow objects in the vehicle interior in such a way that they will not enter the airbag deployment zone while you are driving.
- Secure animals in the vehicle restraint systems that are appropriate for their weight and size.
- Always keep the storage compartments closed while driving.
- Do not leave hard, heavy, or sharp objects loose in the open storage compartments in the vehicle, on the surface behind the rear seat backrest, or on the instrument panel.
- Remove hard, heavy, or sharp objects from clothing and bags in the vehicle interior and store them securely.

⚠ WARNING

If objects stowed in the vehicle cause people to sit in the wrong position, serious or fatal injuries may occur in the event of sudden driving and braking maneuvers or accidents.

- Never stow objects on a seat if a person is going to use it.

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WARNING

When transporting heavy objects, the vehicle's handling performance may change because of the altered center of gravity and the braking distance may increase. Heavy loads that have not been stowed or secured properly may change the vehicle handling, e.g. if the load slides around. This can result in a loss of vehicle control and lead to serious or fatal injuries.

- Never overload the vehicle. Both the load and the distribution of the load in the vehicle affect driving behavior and braking efficiency.
- Always distribute the load evenly and as low down in the vehicle as possible.
- Secure heavy objects in the luggage compartment as far in front of the rear axle as possible.
- Secure any loose objects to prevent them from sliding around.
- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.
- Take extra care and caution when accelerating.
- Avoid sudden braking or driving maneuvers.
- Brake earlier than usual if the vehicle has a heavy load.

NOTICE

Abrasive objects on the rear windows can cause damage, e.g. to the heating wires of the rear window defroster.

- Do not load the luggage compartment to a height where objects rest against the rear window.

NOTICE

Carrying systems fixed to the rear spoiler may damage the vehicle.

- Do not attach a luggage rack or any other kind of carrying system, e.g. bicycle rack, to the vehicle's rear spoiler.

Luggage compartment cover

When opening and closing the trunk lid, the luggage compartment cover is raised or lowered on the attached retaining straps.

The luggage compartment cover is not suitable for use as storage for objects, even lightweight items of clothing→ ⚠.

WARNING

Objects or animals on the luggage compartment cover can damage the luggage compartment cover and cause serious injury or death in the event of sudden driving and braking maneuvers or an accident.

- Never transport objects on the luggage compartment cover.
- Never allow animals to ride on the luggage compartment cover.

NOTICE

Incorrect handling of the luggage compartment cover can cause damage.

- Do not load the luggage compartment so high that the luggage compartment cover presses on the load when the trunk lid is closed.
- Never close the trunk lid while the luggage compartment floor is open or locked.

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Installing and removing the luggage compartment cover

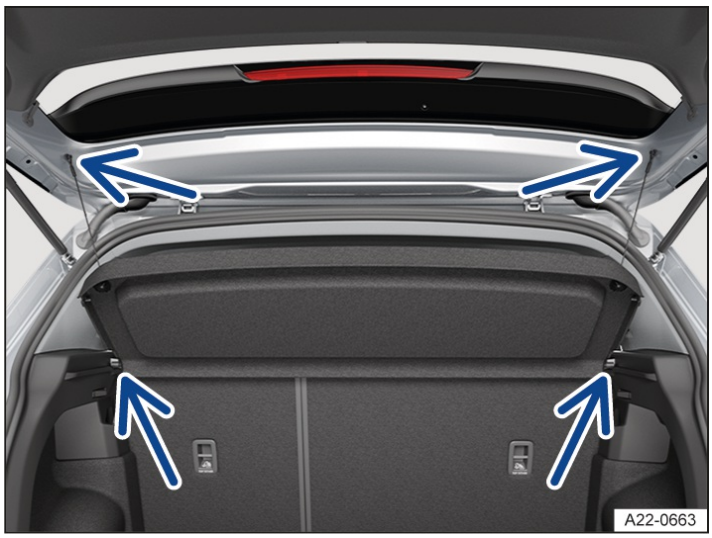


Fig. 1 In the luggage compartment: Installing and removing the luggage compartment cover.

Removing the luggage compartment cover

1. Unhook the top retaining straps from the trunk lid→ *fig. 1* (upper arrows).
2. Lift the luggage compartment cover slightly and pull it out from the side brackets→ *fig. 1* (lower arrows).

Installing the luggage compartment cover

1. Press the luggage compartment cover from the rear into the side brackets in the luggage compartment → *fig. 1* (lower arrows).
2. Hook the retaining straps onto the trunk lid → *fig. 1* (upper arrows).

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Luggage compartment floor - functions

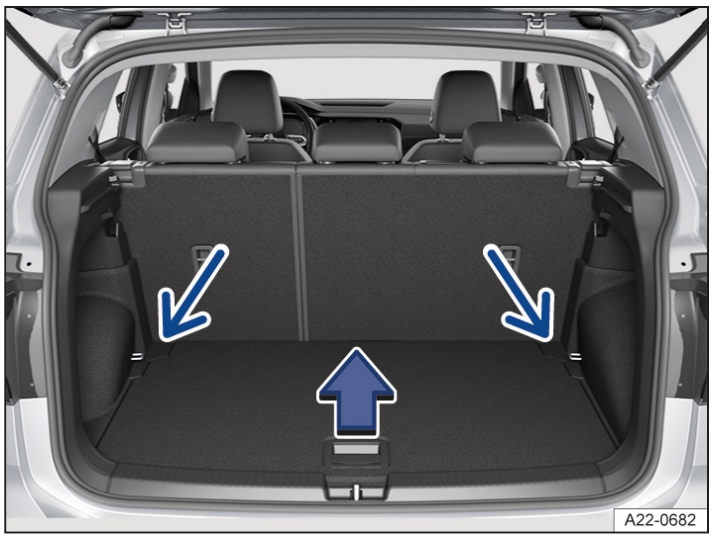


Fig. 1 In the luggage compartment: opening the variable luggage compartment floor.

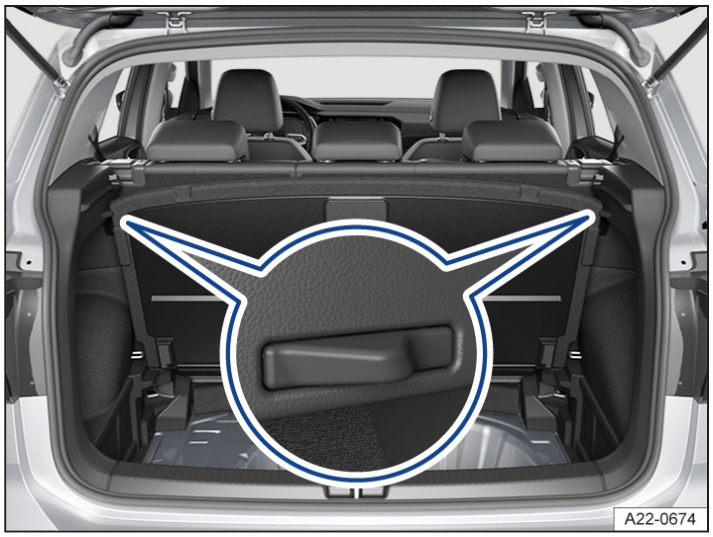


Fig. 2 In the luggage compartment: securing the variable luggage compartment floor in place.

Opening the variable luggage compartment floor

1. Grasp the handle recess in the variable luggage compartment floor→ *fig. 1* and lift up the luggage compartment floor.
2. To lock in place, lift the luggage compartment floor until it can be held by the side retainers→ *fig. 2* (magnified area).

Closing the variable luggage compartment floor

1. Place the luggage compartment floor on the side supports.

Lowering the variable luggage compartment floor

1. Lift the luggage compartment floor backward and slide it below the guides→ *fig. 1* (small arrows).
2. Place the luggage compartment floor on the floor covering.

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NOTICE

Improper use may damage the luggage compartment floor or the luggage compartment trim.

- When closing the luggage compartment floor, always carefully guide it downward, and do not drop it.
- Always distribute loads (max. 50 kg (110 lbs)) in the upper position of the variable luggage compartment floor as evenly as possible to avoid concentrating the load in a single place.

Depending on the vehicle equipment, there may be compartments under the variable luggage compartment floor for storing small items.

For vehicles that are equipped with a subwoofer in the luggage compartment, the variable luggage compartment floor cannot be lowered.

Tie-downs

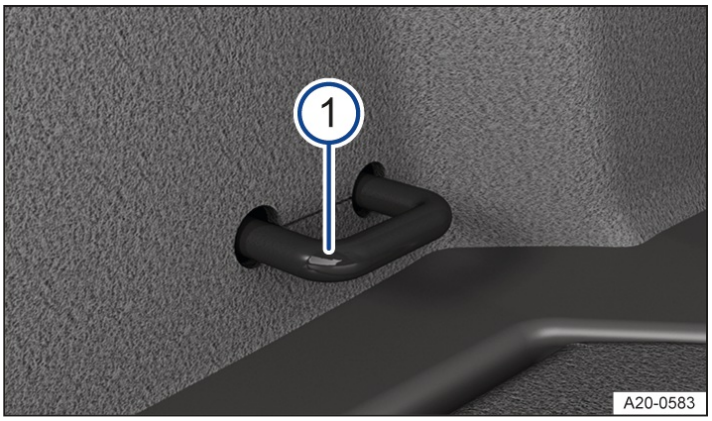


Fig. 1 In the luggage compartment: Tie-down (general example).

(1) Tie-down.

Tie-downs are located in the luggage compartment to secure loose objects and luggage with the help of lines, fixation belts or securing straps → *fig. 1* , .

WARNING

Unsuitable or damaged tie-down straps or tensioning straps could break during braking maneuvers or an accident. This could result in objects being thrown through the vehicle interior and causing serious or fatal injuries.

- Use only suitable and undamaged tie-downs, fixing and tensioning straps.
- Secure cords, fixation belts and tensioning straps diagonally and tightly across the items placed on the luggage compartment floor, and fasten the cords, fixation belts and tensioning straps securely to the tie-downs.
- Make sure that the upper edge of the load is above the tie-downs, especially on flat objects.
- Follow the signs about storing cargo in the luggage compartment, depending on the vehicle equipment.
- Never secure a child restraint to the tie-downs.

WARNING

Elastic tensioning straps must be stretched for securing to the tie-downs and are therefore under tension. If elastic tensioning straps slip off and “spring back” toward your body, the hooks attached to them may cause serious injuries.

- Protect your eyes and face when securing and releasing the straps.
- Always secure elastic tensioning straps to the tie-downs in the front part of the luggage compartment first. Then pull them to the loading edge. Secure the elastic tensioning straps to the tie-downs so that they will “spring

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away" from your body if they come off.

Suitable straps and cargo securing systems are available from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Shopping bag hooks

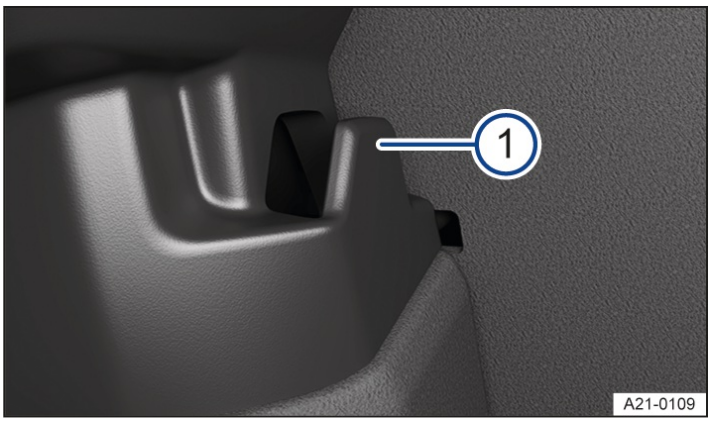


Fig. 1 Shopping bag hooks on the left and right of the luggage compartment.

(1) Shopping bag hooks.

You may have shopping bag hooks in your luggage compartment for hanging light shopping bags.

WARNING

Luggage or other items tied to the shopping-bag hooks may tear off and be thrown into the vehicle interior during a braking maneuver or accident. This may cause you to lose control of the vehicle and result in serious or fatal injuries.

- Never use the shopping bag hooks to tie down pieces of luggage or objects.
- Only hang lightweight items, up to a maximum of 2.5 kg(approximately 5.5 lbs), from the shopping bag hooks in the vehicle.

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Introduction

If equipped correctly, the vehicle can be used to tow a trailer.

Driving a trailer not only increases the vehicle load, but requires more concentration from the driver.

The increased weight from towing affects vehicle wear, fuel consumption, and vehicle performance and may shorten the service intervals.

If the vehicle is driving with a heavy load, functions such as the air conditioner power may be reduced or deactivated to prevent the vehicle from becoming stranded in traffic. Avoid long or large inclines. In the event of prolonged loads, the engine torque can be reduced temporarily to prevent the engine or transmission overheating. Reduce the speed and observe the information and warning and indicator lights in the instrument cluster. When the engine and the transmission are working at the optimal temperature range again, the engine torque reduction is canceled.

The load that a vehicle is able to pull decreases under the following conditions:

— Driving on slopes.

— Driving at high altitudes.

— Driving in high outside temperatures.

— Driving with a fully loaded vehicle, e.g. with passengers and luggage.

— With increasing speed.

Vehicles with a start/stop system

Before trailer towing using towing brackets which have not been retrofitted by Volkswagen, the start/stop system must be manually deactivated and remain deactivated during the entire trailer towing process *(→ Start-stop system)*.

Trailer with function check for the lighting

No trailer with tail lights and brake lights that require a function check for the tail light or brake light in order to be approved may be operated on this vehicle. Consult the trailer manufacturer to find out what approval applies to your trailer.

Unused ball mount

Swivel the ball mount or remove it if there is no trailer, bicycle rack or similar attached to the ball mount. This is especially applicable if the vehicle's license plate or lighting is obscured by the unused ball mount. Note the country-specific regulations for using a ball mount →⚠.

Special conditions

Before driving with a trailer, please note that the functions of the assistance and parking systems may be limited.

⚠ DANGER

Transporting persons in a trailer can cause life-threatening injuries and may be against the law.

- Never transport anyone in a trailer.

⚠ WARNING

Using the trailer hitch incorrectly can result in loss of control of the vehicle, accidents and serious or fatal injuries.

- Install and use the trailer in accordance with the instructions provided by the corresponding manufacturer.
- Only use the ball mount if it is undamaged and secured correctly.
- Do not modify or repair the ball mount. Removal of the coating on the ball mount is permitted if the installation instructions of the trailer manufacturer require this.

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WARNING

If the ball mount is swiveled out, there is an increased risk of accidents and serious injuries for pedestrians and cyclists near parked vehicles and if rear collisions occur.

- Swivel the ball mount in or remove it when it is not in use.

WARNING

The vehicle has not been designed for “weight-bearing” or “load-compensating” trailer hitches. The trailer hitch could malfunction and the trailer could disconnect from the vehicle. This can cause accidents and serious injuries.

- Never install “weight distributing” or “load equalizing” ball mounts.

WARNING

Driving with a trailer and transporting heavy or large objects can change the vehicle handling performance, increase the braking distance and cause accidents and serious or fatal injuries.

- Always secure cargo correctly with suitable and undamaged cords, fixation belts or tensioning straps.
- Note that trailers with a high center of gravity may tip sooner than trailers with a low center of gravity.
- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.
- Always drive carefully and try to anticipate what may be ahead.
- Take extra care and caution when accelerating.
- Avoid abrupt and sudden driving and braking maneuvers.
- Do not drive faster than 80 km/h(50 mph), or 100 km/h (60 mph) if absolutely necessary, when towing a trailer. This also applies in countries where higher speeds are permitted.
- Reduce the vehicle speed, especially when driving uphill or downhill.
- Always observe the country-specific maximum permissible speed for vehicles with trailers.
- Overtake especially carefully and reduce vehicle speed as soon as you detect the slightest swaying movement in the trailer.
- Never try to “straighten out” a swaying trailer by accelerating.
- Look out for potential messages and warning and indicator lights turning on in the Volkswagen Digital Cockpit because of the increased load for the towing vehicle.

WARNING

When towing with towing brackets which have not been retrofitted by Volkswagen the start/stop system must always be manually deactivated. Otherwise this can lead to a failure in the brake system and can cause accidents and severe injury.

- Always switch off the start-stop system manually if you have fitted a trailer hitch which has not been retrofitted by an authorized dealer and are driving with a trailer.

If you have integrated a trailer into the anti-theft alarm system, breaking the connection to the trailer may trigger the anti-theft alarm system *(→ Anti-theft alarm system)*.

Do not tow a trailer during the first 1000 km(600 miles) driven with a new engine *(→ Breaking in the engine)*.

Some retrofitted trailer hitches cover the mount for the towing eye. If this is the case, it will not be possible to use the towing eye to tow other vehicles. Because of this, you should always keep the ball mount from a retrofitted trailer hitch inside the vehicle when it is removed.

Hitching a trailer

Trailer socket

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The towing vehicle and the trailer are connected electrically using a 13-pin trailer socket. The pin assignment conforms to DIN

ISO 11446.

If the trailer has a 7-pin connector, a suitable adapter must be used.

1. Lift the socket cap and insert the plug.
2. Rotate the plug clockwise by a quarter of a rotation until it fully engages into the socket.
3. To lock the connector in place, release the cap.
4. Check that the entire lighting system is working properly before starting the journey.

If you are not sure how to connect the trailer with the towing vehicle's electrical system correctly, consult an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Integrating into the anti-theft alarm system

The trailer is integrated into the anti-theft alarm system if the following requirements are met:

✓ If the vehicle is equipped with a factory-installed anti-theft alarm system and trailer hitch.

✓ If the trailer is connected to the electrical system in the towing vehicle.

✓ If the vehicle and trailer electrical systems are functioning correctly and are not damaged.

✓ If the vehicle was locked using the vehicle key and the anti-theft alarm system is active.

When the vehicle is locked, the alarm will be triggered if the electrical connection to the trailer is disconnected.

Trailers with LED

taillights cannot be integrated into the anti-theft alarm system due to the technology involved.

When the vehicle is locked, the alarm will not be triggered if the electrical connection to the trailer with LED taillights is disconnected.

Securing cables

In some countries, unbraked and braked trailers must be secured by means of securing or breakaway cables.

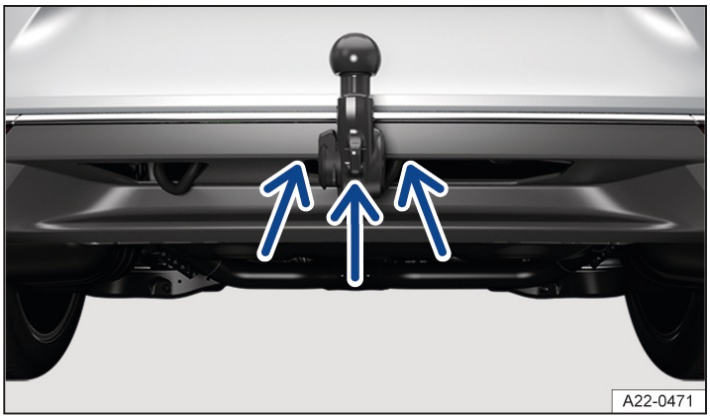


Fig. 1 On the trailer hitch: eye for fastening the securing or breakaway cable (general example).

Depending on the model, the eye for fastening the securing or breakaway cable can be located on the neck of the ball head or next to the ball head directly on the base plate of the ball mount → *fig. 1* (arrows).

Follow the country-specific regulations for using a securing cable.

Fastening a securing or breakaway cable to the eye on the ball mount provided for this purpose → *fig. 1*:

1. Guide the cable through the eyelet and hook it in the carabiner → ⚠.

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WARNING

Improperly or incorrectly connected electrical wires can electrify the trailer and lead to malfunctions in the entire vehicle electronics system as well as accidents and serious or fatal injuries.

- Have all work on the electrical system performed only by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never connect the electrical system on a trailer to the electrical connectors for the taillights or other power sources on the towing vehicle.

WARNING

Contact between the pins on the trailer socket can cause short circuits, overloading of the electrical system, or malfunction of the lighting system, which can result in accidents and serious or fatal injuries.

- Never connect the pins in the trailer socket to one another.
- Have bent pins repaired only by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

An improperly secured trailer can cause accidents and serious injuries or death.

- Never drape the securing or breakaway cable of the trailer loosely over the ball mount.

NOTICE

If a trailer hitched to the vehicle is resting on a supporting wheel or on the trailer support, the vehicle may lift and lower due to changes in the load or tire damage. This would put great stress on the trailer hitch and the trailer. This can cause damage to the vehicle and trailer.

- Note that a trailer that is resting on a supporting wheel or on the trailer support should not remain hitched to the vehicle.

If the engine is stopped and accessories on the trailer are on while there is an electrical connection through the trailer socket, then the 12 V vehicle battery will drain.

The electrical connection to the trailer will be automatically disconnected if the charge level of the 12 V vehicle battery becomes too low.

Loading a trailer

General information

Always ensure that the vehicle and trailer are well balanced. Do not load the trailer unevenly by putting more weight at either the front or the back. Always store heavy objects as close as possible to or above the axle. Always secure the load on the trailer properly →.

If the vehicle is approved for trailer mode, note applicable local rules and regulations for driving with a trailer and the use of a trailer hitch.

If the gross vehicle weight rating or the axle load of the rear axle is exceeded, the maximum permissible speed for trailer mode is approx. 80 km/h (approx. 50 mph). This also applies in countries where higher speeds are permitted. Adhere to the applicable local maximum speed limit, which may be lower for vehicles towing a trailer than it is for vehicles that are not towing a trailer.

A permissible exceedance of the vehicle load ratings is recorded in the vehicle registration. If no exceedance is recorded, it is possible to drive at approximately 100 km/h (approximately 62 mph), provided this is not in violation of local laws.

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Trailer load and tongue weight

The trailer load is the weight that the vehicle can tow.

The trailer tongue weight rating is the load that presses down vertically from above onto the ball mount of the trailer hitch.

Volkswagen recommends always using the maximum permissible trailer tongue weight rating . An insufficient trailer tongue weight rating negatively affects the handling of the vehicle and trailer. The maximum permissible trailer tongue weight rating of the trailer drawbar on the trailer hitch ball head must not be exceeded →⚠.

The actual trailer tongue weight rating increases the weight on the rear axle and reduces the possible load in the vehicle.

In some countries, under certain conditions, a higher trailer tongue weight rating can be used. Follow the local specifications and regulations.

Towing weight

The towing weight consists of the actual weights of the loaded towing vehicle and the loaded trailer.

In some countries, trailers are divided into classes. Volkswagen recommends consulting with an authorized Volkswagen dealer or authorized Volkswagen Service Facility about suitable trailers. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Tire pressure

The tire pressure for the tires on the trailer is based on the recommendation of the trailer manufacturer.

When towing a trailer, inflate the tires on the towing vehicle to the maximum permissible tire pressure *(→ Tire pressure)*.

⚠ WARNING

Sliding loads can considerably impair driving stability and trailer safety and increase the risk of accidents and serious injuries or death.

- Always load trailers correctly.
- Always secure cargo with suitable and undamaged cords or tensioning straps.

⚠ WARNING

If the gross axle weight rating, trailer tongue weight rating, gross vehicle weight rating or towing weight of the vehicle and the trailer are exceeded, accidents and serious injuries or death can result.

- Never exceed the specified values .

Driving with a trailer

Headlight adjustment

When a trailer is attached, the front part of the vehicle may be lifted, and the dipped beam headlights may dazzle other road users. Lower the beam correspondingly using the headlight range control. Vehicles with dynamic headlight range control adjust automatically and do not need to be manually adjusted.

Characteristics when driving with a trailer

— When driving with a trailer with an overrun brake, first brake gently then rapidly. This avoids braking jolts due to the trailer wheels locking.

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— The braking distance increases due to the gross combination weight(of the trailer and vehicle).

— Use the engine as an additional brake on slopes. Otherwise the brake system may overheat and possibly fail.

— Vehicles with manual transmission: Switch to a lower gear before slopes.

Vehicles with an automatic transmission: Select a lower gear when driving in Tiptronic mode.

— The vehicle's center of gravity, and thereby also its driving characteristics, are changed by the towing weight and the increased total weight of the vehicle and trailer.

— An empty towing vehicle and loaded trailer create a very unfavorable weight distribution. Drive very carefully and slowly with this combination.

Driving on hills with a trailer

Depending on the angle of the hill and the total weight of the trailer, a parked trailer may roll back slightly when you start driving.

When towing a trailer, start on a hill as follows:

1. Press and hold the brake pedal.
2. Set the parking brake.
3. Vehicles with manual transmission: Fully depress the clutch pedal and engage 1st gear.

   Vehicles with an automatic transmission: Engage the gear to drive forward.
4. Unlock the parking brake and then release it carefully with the lock button pressed. At the same time, gently press the accelerator pedal.

   Vehicles with manual transmission: Release the clutch pedal until you can feel that the vehicle is moving forward.

   If applicable, observe any information displayed on the Hill Hold *(→ Hill start assist)*.
5. Start driving slowly.
6. Only release the parking brake lever once the engine has generated enough drive power to start driving.

⚠ WARNING

Towing a trailer incorrectly can result in loss of control of the vehicle and cause serious injuries or death.

- Bear in mind that the driving characteristics change when driving with a trailer and transporting heavy or large objects.
- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.
- Always drive carefully and try to anticipate what may be ahead.
- Take extra caution when overtaking.
- Reduce the vehicle speed as soon as you detect the slightest swaying movement in the trailer.
- Take extra care and caution when accelerating.
- Brake earlier than usual as the braking distance may be longer.
- Avoid abrupt and sudden driving and braking maneuvers.
- Reduce the vehicle speed, especially when driving downhill.
- Never try to “straighten out” a swaying vehicle and trailer by accelerating.
- Adhere to the applicable local maximum speed limit, which may be lower for vehicles towing a trailer than it is for vehicles that are not towing a trailer.

⚠ WARNING

A poor rear view when pulling a trailer may result in accidents and serious or fatal injuries.

- Ensure sufficient visibility behind you.

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● Install additional rearview mirrors to ensure you have a clear rear view.

Trailer stabilization

If a trailer is hitched to the vehicle and it begins to sway, the trailer stabilization can detected this and countersteer.

Trailer stabilization is an additional feature of the Electronic Stability Control (ESC

).

If the system detects that the trailer is swaying, the trailer stabilization will automatically provide counter-steering assistance to the reduce the “vibration” of the trailer.

Trailer stabilization requirements

— The trailer hitch must be installed at the factory or a compatible trailer hitch must be retrofitted.

— Electronic Stability Control (ESC

) and anti-slip regulation (ASR) are active. The or indicator light in the instrument cluster must not be on.

— The trailer must be connected to the electrical system in the towing vehicle via the trailer socket.

— The driving speed must be less than 60 km/h(37 mph).

— The maximum tongue weight must be used.

— The trailer must have a fixed drawbar.

— Braked trailers must have a mechanical overrun protection device.

System limitations

The trailer stabilization may not respond or may have a limited response in the following driving situations.

— The trailer stabilization switches off when ESC

is deactivated.

— Trailer stabilization may not always detect if a light trailer is swaying and stabilize it.

— When driving on slippery roads with poor traction, the trailer can still jackknife despite the trailer stabilization.

— Trailers with a high center of gravity can tip before you notice any swaying back and forth.

— If there is no trailer hitched to the vehicle but there is a connector in the trailer socket, for example from a bike carrier with lights, sudden braking maneuvers may occur automatically in extreme driving situations.

⚠ WARNING

The trailer stabilization is not a replacement for the driver's attention and works only within the system limitations. This means that the trailer stabilization cannot detect all driving situations and may not react, or may react with a delay, or may react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the system. The driver is always responsible for control of the vehicle.
- Observe the system limitations → *System limitations*.
- Accelerate carefully on slippery roads.
- Take your foot off the accelerator pedal when a system is taking control.
- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.

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Mounting the removable ball mount

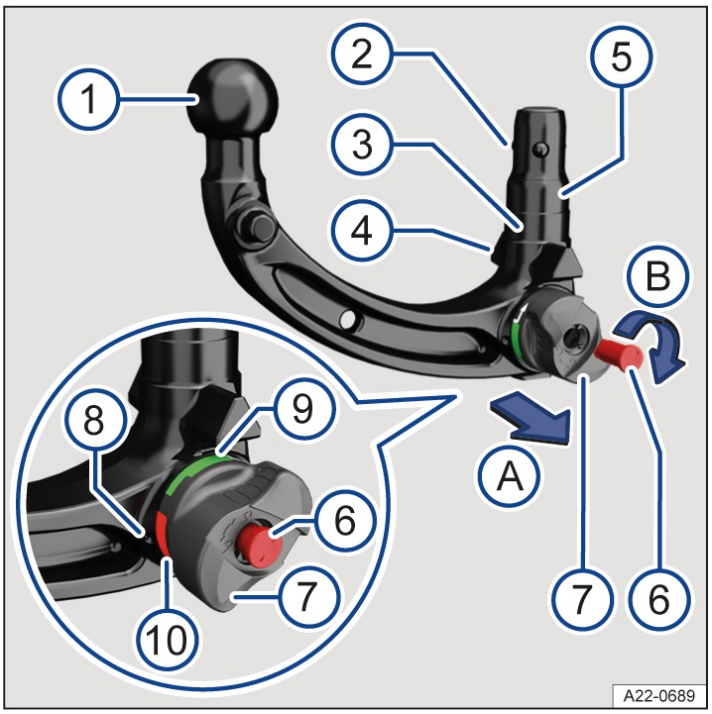


Fig. 1 Overview: Removable ball mount.

1. Ball mount.
2. Locking balls.
3. Trigger (ball) for locking mechanism.
4. Centering pin.
5. Shaft.
6. Key.
7. Lock cover.
8. Handwheel.
9. Green marking on the ball mount.
10. Red marking on the handwheel.

The removable ball mount is in the luggage compartment, either in a side storage compartment or under the luggage compartment floor.

NOTICE

Fitting an unsuitable ball mount can cause vehicle damage and invalidation of the operating license.

- Use the ball mount supplied by the factory or a ball mount approved for your vehicle model and its model year. Volkswagen recommends the use of Volkswagen original parts or Volkswagen original accessories, which you can acquire from an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Step 1: Preparations

1. Before using the removable ball mount for the first time, make a note of the number embossed on the key → *fig. 1* (6) so that you can replace it if necessary.
2. Remove the sealing plugs from the ball mount support beneath the rear bumper and store in the vehicle.

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3. Swivel the trailer socket as far up to the left as possible, starting from the bottom right. This will make the support for the ball mount accessible.
4. Check that the mount, the handwheel → *fig. 1* (8), the shaft (5) and the locking balls (2) of the ball mount are clean and undamaged →⚠. Clean it if necessary.

Step 2: Check whether the ball mount is pre-tensioned

The ball mount can only be attached properly if it is pre-tensioned.

The following conditions must be met:

— The red marking → *fig. 1* (10) on the handwheel points to the green marking on the ball mount → *fig. 1* (9).

— The handwheel → *fig. 1* (8) is clearly raised off the ball mount so that there is a gap of at least 4 mm (0.2 inches) between the handwheel and the ball mount.

— All locking balls → *fig. 1* (2) can be pressed fully into the shaft → *fig. 1* (5).

— The key → *fig. 1* (6) is in the lock, the arrow on the key points to the Open lock symbol on the handwheel → *fig. 1* (8) and the key cannot be removed.

If all of the conditions are met, continue with Step 4.

If the conditions are not met, continue with Step 3.

Step 3: Pre-tensioning the ball mount

If the ball mount is not pre-tensioned, pre-tension the ball mount as follows:

1. Open the lock cover → *fig. 1* (7) and insert the key into the lock.
2. Turn the key → *fig. 1* (6) counterclockwise until the arrow on the key points to Open lock on the handwheel → *fig. 1* (8).
3. Hold onto the ball mount with one hand. With the other hand, pull out the handwheel → *fig. 1* (8) in the direction → *fig. 1* (A).
4. Turn the pulled-out handwheel → *fig. 1* (8) in the direction → *fig. 1* (B) as far as it will go.

Step 4: Attaching the pre-tensioned ball mount to the vehicle

Let go of the handwheel → *fig. 1* (8) on the pre-tensioned ball mount. When it locks, the handwheel jumps back to its original position and can cause injuries →⚠.

1. Insert the pre-tensioned, removable ball mount into the support tube from below.
2. Push the ball mount firmly upwards until it engages.

   The ball mount has engaged if:

   — The green marking on the handwheel → *fig. 1* (9) points upward.

   — The ball mount is locked and the key → *fig. 1* (6) can be removed.

   — There is no longer a gap between the handwheel → *fig. 1* (8) and the ball mount.

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3. Turn the key → *fig. 1* (6) clockwise to the lock the ball mount.
4. Shut the lock cover → *fig. 1* (7).

Step 5: Safety check

Before hitching a trailer, check whether the ball mount is properly secured.

— Shake thoroughly several times to that the ball mount is firmly seated in the mounting sleeve.

— The green marking on the handwheel → *fig. 1* (9) points upward.

— The handwheel → *fig. 1* (8) touches the ball mount and can be locked.

— The ball mount is locked and the key → *fig. 1* (6) is removed.

— The handwheel → *fig. 1* (8) can no longer be pulled to the side.

Securing cables

In some countries, unbraked and braked trailers must be secured by means of securing or breakaway cables.

Follow the country-specific regulations for using a securing cable.

1. Secure the securing or breakaway cable to the provided ball mount eyelet.
2. Guide the cable through the eyelet and hook it in the karabiner → ⚠.

⚠ WARNING

Improper use of the trailer hitch can cause accidents and serious injuries or death.

- Never use the trailer hitch if the smallest diameter of the ball mount → *fig. 1* (1) is less than 49 mm(1.9 inches).
- Only use the ball mount if it can be secured, engaged and preloaded correctly.

⚠ WARNING

An improperly secured trailer can cause accidents and serious injuries or death.

- Never drape the securing or breakaway cable of the trailer loosely over the ball mount.
- Let go of the handwheel when the ball mount is pre-tensioned. When pushing the ball mount into the support, the handwheel jumps back to its original position.
- If the ball mount cannot be installed, have the trailer hitch inspected by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never use the trailer hitch if the key cannot be removed when the ball mount is attached. The ball mount is not properly locked in this case.
- Always stow the detached ball mount securely in the luggage compartment.

⚠ WARNING

The ball mount is heavy. During the safety check, the ball mount could fall out and cause crushing injuries.

- Always proceed with caution during the safety check.

NOTICE

The support on the vehicle and the handwheel, the shaft and the locking balls of the ball mount must be clean and undamaged. Otherwise, it is not possible to lock the ball mount securely.

- Regularly check the mount, the handwheel, the shaft and the locking balls of the ball mount for damage.

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- Do not aim the jet of a high-pressure washer or steam cleaner directly at the ball mount holder. Doing so could rinse the grease that is needed for lubrication out of the mount.

Removing the ball mount

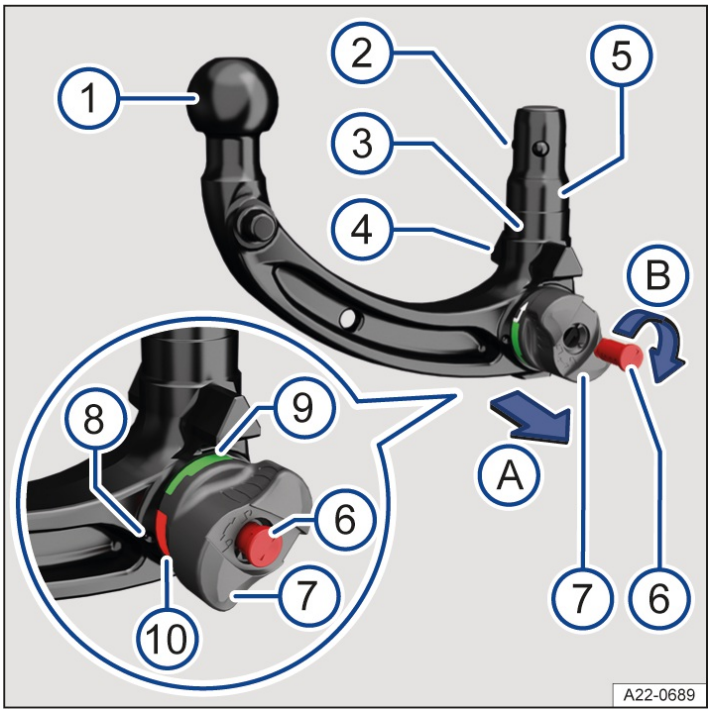


Fig. 1 Overview: Removable ball mount.

(1) Ball mount.
(2) Locking balls.
(3) Trigger (ball) for locking mechanism.
(4) Centering pin.
(5) Shaft.
(6) Key.
(7) Lock cover.
(8) Handwheel.
(9) Green marking on the ball mount.
(10) Red marking on the handwheel.

1. Park the vehicle *(→ Parking)*.
2. Detach the trailer and disconnect the electrical connection between the vehicle and the trailer. Also remove the adapter from the trailer socket.
3. Open the lock cover → *fig. 1* (7) and insert the key → *fig. 1* (6) into the lock.
4. Turn the key → *fig. 1* (6) counterclockwise until the arrow on the key points to the Open lock symbol on the handwheel → *fig. 1* (8).
5. Hold onto the ball mount with one hand →⚠. With the other hand, pull out the handwheel→ *fig. 1* (8) in the direction → *fig. 1* (A).
6. Turn the pulled-out handwheel → *fig. 1* (8) in the direction → *fig. 1* (B) as far as it will go.

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7. Pull the ball mount down and out of the support.
8. Let go of the handwheel → *fig. 1* (8).
9. Stow the ball mount in the side storage compartment in the luggage compartment or under the luggage compartment floor.

WARNING

The removable ball mount is heavy. When removed, the ball mount could fall and cause crushing injuries.

- Only remove the ball mount when there is no trailer hitched to it.

Dimensions and mounting points for retrofitting a trailer hitch

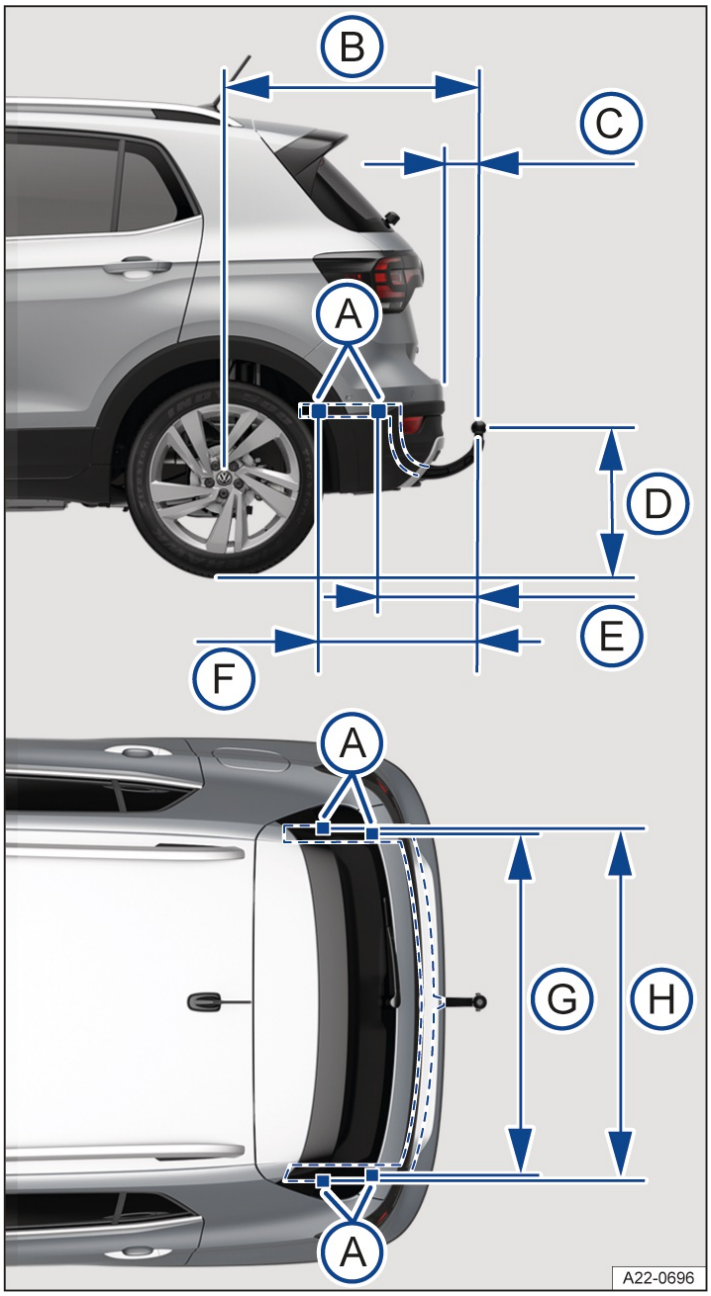


Fig. 1 Dimensions and mounting points for retrofitting a trailer hitch.

The correct dimensions → *fig. 1* must always be used when retrofitting a trailer hitch. The smaller specified dimension from the center of the ball mount to the road surface (D) must always be met. This also applies when the vehicle is fully loaded including the maximum tongue weight.

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(A) Mounting points.

(B) 842 mm (approx. 33.15 in)
(C) Min. 75 mm (approx. 3 in)
(D) 350 to 420 mm (approx. 13.8 to 16.5 in)
(E) 389 mm (approx. 15.3 in)
(F) 515 mm (approx. 20.3 in)
(G) 1025 mm (approx. 40.4 in)
(H) 1031 mm (approx. 40.6 in)

Volkswagen recommends having a trailer hitch retrofitted by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. For example, modifications to the cooling system or the installation of heat shields may be necessary. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Mount the trailer hitch in accordance with the instructions supplied.

A retrofitted, non-removable trailer hitch must not cover the label or the lighting system on the rear of the vehicle. Note the country-specific regulations for using a ball mount.

Depending on the country, the vehicle may not be approved for trailer towing due to legal and technical requirements.

If this is the case, no trailer hitch may be retrofitted.

Please contact suitably qualified professionals if you have any questions about retrofitting a trailer hitch. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

Improperly or incorrectly connected electrical wires can lead to malfunctions in the entire vehicle electronics system as well as accidents and serious or fatal injuries.

- Never connect the electrical system on a trailer directly to the electrical connectors for the taillights or other unsuitable power sources.
- Only use suitable connectors to connect the trailer.
- If retrofitting the vehicle with a trailer hitch, have the work performed by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

Incorrect mounting or the use of an unsuitable trailer hitch can lead to the trailer becoming detached from the towing vehicle during the journey, potentially causing accidents and serious injuries or death.

- Only have work on your trailer hitch or the retrofitting of a trailer hitch carried out by an authorized Volkswagen dealer or authorized Volkswagen service facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Only use trailer hitches that are provided for the vehicle model, model year and vehicle equipment by the corresponding manufacturer.

Volkswagen recommends the use of Volkswagen original parts or Volkswagen original accessories, which you can acquire from an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Attaching a rear carrier system or bicycle rack to the ball mount

Rear carrier systems are understood to include, for instance, bicycle racks or storage containers, which are attached to the ball mount.

Only use rear carrier systems that are provided for the vehicle model, model year and vehicle equipment by the corresponding manufacturer →⚠.

Volkswagen recommends the use of Volkswagen original parts or Volkswagen original accessories, which you can acquire from an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Attach the rear carrier system according to the manufacturer's instructions.

Maximum load of the rear carrier system

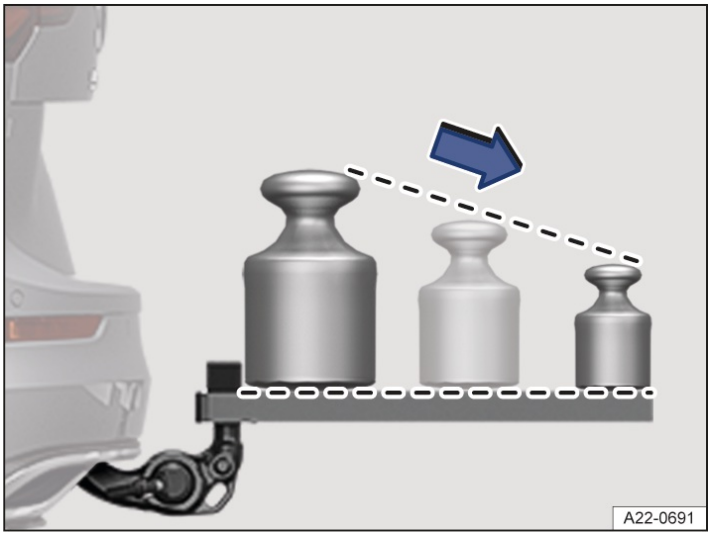


Fig. 1 Recommended weight distribution on the rear carrier system.

The carrying load is made up of the rear carrier system and the load transported on it.

The maximum recommended carrying load for the rear carrier system attached to the ball mount may vary from the vehicle-specific trailer tongue weight rating for the vehicle.

However, do not exceed the model-dependent, maximum drawbar load of the towing bracket.

The carrying load is reduced due to the effect of leverage, the further the center of gravity of the rear carrier system is from the ball mount.

Position heavy items as close to the ball mount as possible→ *fig. 1*.

Vehicle-specific maximum carrying load

To find out the recommended carrying load for your vehicle, check the trailer tongue weight rating of your vehicle . The carrying load can then be found in the following table. In accordance with Directive UN-R 55, Volkswagen recommends complying with the specified number of bicycles on the rear carrier system.

Vehicle-specific trailer tongue weight rating	Maximum carrying load	Number of bicycles
50 kg (110 lbs)	50 kg (110 lbs)	2
55 kg (121 lbs)	55 kg (121 lbs)	2
From 75 kg (165 lbs)	75 kg (165 lbs)	3

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Maximum overhang of the rear carrier system

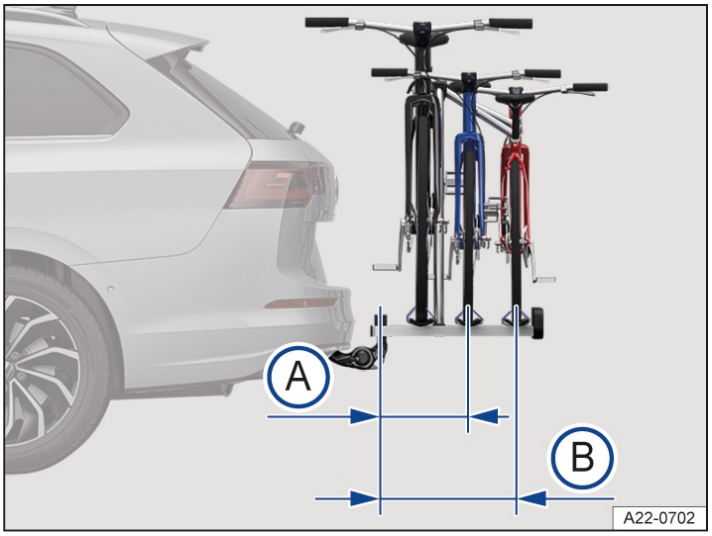


Fig. 2 General example of the maximum overhang on one bicycle rack for two or three bicycles.

(A) For a carrying load up to 55 kg (121 lbs): 500 mm (approx. 19.7 inches).

(B) For a carrying load of 75 kg (165 lbs): 700 mm (approx. 27.6 inches).

On bicycle rack systems with two bicycles, the maximum overhang must not exceed 500 mm (approx. 19.7 inches) from the center of the ball mount to the center of the bar on the last bicycle rack → *fig. 2* (A). On bicycle rack systems with three bicycles, it must not exceed 700 mm (approx. 27.6 inches) → *fig. 2* (B).

WARNING

Improper use of a rear carrier system mounted on the ball mount of the trailer hitch can cause accidents and serious injury or death.

- Ensure that the rear carrier system is suitable for use on your vehicle.
- Always read and follow the assembly instructions provided by the rear carrier system manufacturer.
- Never secure a rear carrier system on the ball mount below the coupling ball. The rear carrier system could slip because of the shape of the ball mount.

Volkswagen recommends removing as many attachments as possible from the items to be loaded onto the rear carrier system before the journey. This includes bicycle baskets and paniers, child seats and batteries. This improves the wind load and the center of gravity of the rear carrier system.

Introduction

Depending on the model, the vehicle may be designed to have a roof rack installed.

Bulky objects can be transported on the vehicle roof using the roof rack.

If you are not sure if your vehicle is designed to have a roof rack installed, check with an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Only use roof racks that are approved by Volkswagen for use with your vehicle.

Do not use or retrofit a roof rack if this is not approved for your vehicle.

WARNING

When transporting large, heavy, long, or flat loads on the roof rack, the vehicle's driving characteristics and

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aerodynamics change because of the different center of gravity and increased wind resistance. This may cause accidents and serious or fatal injuries.

- Always secure cargo correctly with suitable and undamaged cords, fixation belts or tensioning straps.
- Avoid abrupt and sudden driving and braking maneuvers.
- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.

WARNING

If the use of a roof rack is not approved for your vehicle or a roof rack that is incompatible with the vehicle is fitted, it may detach and fall from the roof of the vehicle while you are driving. This may cause accidents and serious or fatal injuries.

- Only use roof racks that are approved by Volkswagen for the vehicle.
- Do not fit roof racks if they are not approved for your vehicle.

NOTICE

Installing any type of roof rack onto a vehicle that is not approved for use of a roof rack can cause serious damage.

- Do not fit roof racks if they are not approved for your vehicle.

Driving with a roof rack fitted increases the air resistance of the vehicle and thus also the fuel consumption. This reduces the potential range of the vehicle. This applies to all roof racks and any objects transported on them, such as bicycles and skis.

Mounting a roof rack

For safety reasons, special roof racks are needed to transport luggage, bicycles, surfboards, skis and boats safely. The roof racks for installation on the roof rail in particular are referred to as the roof rack bars, and are used as a base supports for direct installation on the vehicle roof.

Only use roof racks that are provided for the vehicle model, model year and vehicle equipment by the corresponding manufacturer.

Volkswagen recommends the use of Volkswagen original parts or Volkswagen original accessories, which you can acquire from an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Mounting the Roof Rack Bars on the Roof Rail

Mount the roof rack bars in accordance with the supplied installation instructions.

The respective base can be attached after successfully installing the roof rack bars→⚠.

Remove the roof rack in the following scenarios

— If the roof rack is no longer needed.

— Before driving through an automatic car wash

— If the height of the vehicle exceeds the maximum height limit, for example in a garage

NOTICE

The height of the vehicle changes when a roof rack is installed and when there is cargo secured on it. The vehicle may be badly damaged if you drive into entrances with low heights, e.g. underpasses and garages.

- Compare the height of the vehicle with the clearance height.

NOTICE

If parts on the roof of your particular vehicle(depending on the vehicle equipment), e.g. the roof antenna, and the trunk lid's range of movement are impaired by the roof rack and the luggage, the vehicle may be damaged.

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- Ensure that the roof rack is positioned correctly on the roof and that it will not affect any components of the vehicle.

WARNING

Securing the roof rack and base incorrectly or using them incorrectly may cause the luggage or the entire assembly to come loose from the vehicle roof. This can result in accidents and serious or fatal injuries.

- Always mount the roof rack and base correctly in accordance with the manufacturer's instructions.
- Secure the roof rack only at the locations intended for this.
- Always mount special rack assemblies for bicycles, skis, surfboards, etc. correctly and in accordance with the manufacturer's installation instructions.
- Only use the roof rack and base if they are undamaged and secured correctly.
- Check the roof rack mounts before starting a journey and, if necessary, retighten them after a short distance.
- On long trips, check the threaded connections and fasteners each time you take a break.
- Do not make any modifications or repairs to the roof rack or base.

A fitted roof rack increases air resistance and therefore may reduce the vehicle's range.

Loading the roof rack

Maximum permissible roof weight

The maximum permissible roof load is 75 kg(165 lbs).

The roof load consists of the weight of the roof rack and the items carried on the roof rack→⚠.

Always check the weight of the roof rack and the items that will be transported on it. Weigh the items if necessary.

When using a roof rack with a low load limit, do not load the rack with the maximum permissible roof load. In this case, only load the roof rack to the weight limit listed in the installation guide.

Distributing the load

Distribute the load evenly and secure it correctly→⚠.

Checking that everything is secure

Once you have fitted the roof rack, drive a short distance and then check all the fasteners. Keep checking them regularly →⚠.

WARNING

Exceeding the maximum permitted roof load can result in accidents, damage to the vehicle and serious or fatal injuries.

- Never exceed the specified roof load, the Gross Axle Weight Rating, and the Gross Vehicle Weight Rating of the vehicle.
- Do not exceed the load limit of the roof rack, even if the roof load is below the limit.

WARNING

If loose and incorrectly secured luggage falls off the roof rack, accidents and serious or fatal injuries may occur.

- Use only suitable and undamaged tie-downs, fixing and tensioning straps.

NOTICE

If the trunk lid hits the roof load, the vehicle may be damaged.

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- Make sure the trunk lid does not run into the roof load when opening the lid.

Safety precautions for handling fuel

WARNING

Handling fuel incorrectly can cause explosions, fires, severe burns, and other injuries.

- Before refueling, switch off the engine, the ignition and your cell phone, as well as other radio equipment.
- To reduce the risk of discharging static electricity, do not enter the vehicle while refueling.
- Make sure that the fuel tank cap is sealed correctly and no fuel is leaking out.
- Note the applicable safety precautions and local regulations for handling fuel.

WARNING

Refueling incorrectly can cause fires, serious or fatal injuries, and vehicle damage.

- Only use fuel that is approved for your vehicle.
- Do not use any fuels containing metal and only use service additives approved by Volkswagen in the respective proportion.
- Immediately remove any fuel that has spilled on vehicle components.

CAUTION

Fuel may leak out of reserve canisters and ignite. This can cause fires and injuries.

- Do not transport any reserve canisters in the vehicle.

Fuels can contaminate the environment. Collect any leaking operating fluids and dispose of them according to legal regulations.

The fuel filler flap does not have an emergency release. If necessary, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

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Introduction

The fuel filler flap is located on the right rear side of the vehicle.

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Designation of fuels and fuel standards



Fig. 1 On the inside of the fuel filler flap: fuel label (general example)

Fuel label

The type of fuel to use depends on the vehicle engine. The factory has placed a fuel information label on the fuel filler flap, which specifies the fuel type to be used for the vehicle → *fig. 1*.

The name and limits specify which fuels are suitable for the vehicle. This is a minimum requirement. The vehicle must not be refueled with fuels of lower quality or other fuel types →.

Fuel standards

The fuel used must meet one of the following standards. The vehicle must not be refueled with other fuels →.

If fuel with the specified standards is not available, contact suitably qualified professionals for information about which fuels are suitable for the vehicle. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Gasoline

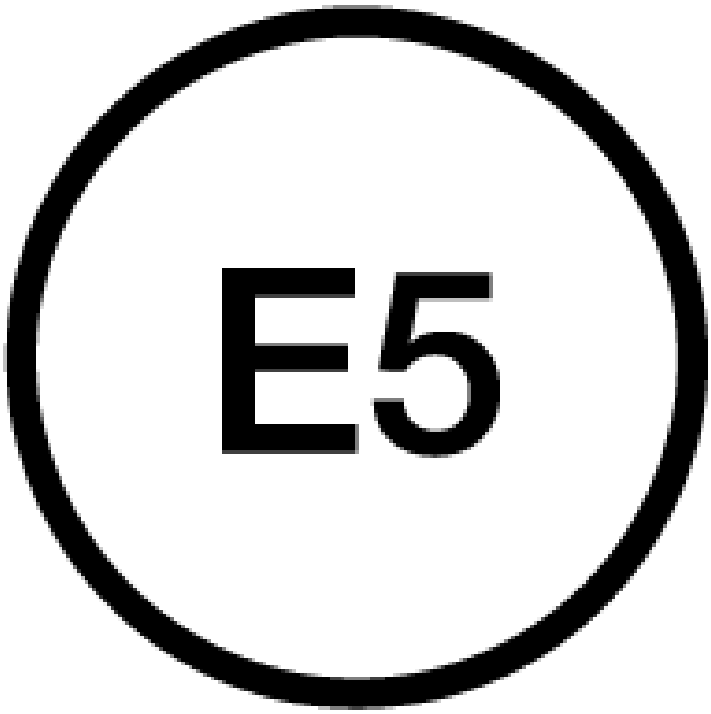


Fig. 2 Label for gasoline containing 5% ethanol.

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Fig. 3 Label for gasoline containing 10 % ethanol.



Fig. 4 Label for gasoline containing 20 % ethanol.

E5 stands for gasoline withEthanol content of maximum 5%.

E10 stands for gasoline withEthanol content of maximum 10 %.

E20 stands for gasoline withEthanol content of maximum 20 %.

Fuel standard

— EN 228 in the current version.

— DIN EN 228 in the current version.

— Resolucao ANP N° 40 (Brazil) in the current version.

— Resolucion 576/2019 (Argentina) in the current version.

— NOM-016-CRE-2016 (Mexico) in the current version.

— AZS 388-2011 (Azerbaijan) in the current version.

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NOTICE

Refueling with non-standard and non-approved fuels can cause reduced performance and considerable damage to the engine and the fuel system.

- Before refueling, check if the fuel to be used corresponds the label on the fuel pump.
- Only use fuel that conforms to the specified standard and label.

Gasoline

Gasoline types

Gasoline types are differentiated by the Research Octane Number (RON

). The vehicle may also be refueled with gasoline that has a higher RON than is required by the engine. However, this will not improve fuel consumption or engine power.

The fuel information label may have multiple gasoline types, for example RON

95 min. 91. The highlighted octane number, RON 95 in this example, is the preferred gasoline type for which the vehicle is designed and optimized. The listed alternative gasoline type, RON 91 in this example, should only be used if the preferred type, RON 95 in this example, is not available.

If your vehicle has a gasoline engine, only fill it with gasoline that does not contain metal (no lead, manganese, or iron) and that does not have a higher ethanol content than specified on the fuel information label →.

The fuel quality affects the performance, output, and life of the engine. Fuel with gasoline that already contains the correct fuel additives →.

Volkswagen recommends using “TOP TIER Detergent Gasoline”, which is available in some regions, for example North America, Central America and South America. For more information on “TOP TIER Detergent Gasoline”, visit the official website at:

https://www.toptiergas.com

NOTICE

Using incorrect fuel and unsuitable fuel additives can result in vehicle damage.

- Before refueling, check if the fuel to be used corresponds the label on the fuel pump.
- Only fuel with gasoline that meets or exceeds the specified Research Octane Number (RON

).
  ●
- If necessary, only use service additives approved by Volkswagen in the correct amounts.

NOTICE

If you must fuel your vehicle with gasoline with a lower octane number, this may lead to vehicle damage when driving over a longer period.

- Only drive at moderate engine RPM and low engine load.
- Avoid high engine speeds and heavy engine load.
- Refuel your vehicle with gasoline that meets the required octane rating as soon as possible.

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Refueling



Fig. 1 Behind the fuel filler flap: fuel tank cap(general example)

Refueling procedure

1. To unlock the fuel filler flap, unlock the vehicle with the button on the remote control vehicle key *(→ Vehicle key)*.

   Or: to unlock the fuel filler flap, unlock the vehicle with the button in the driver door *(→ Central locking button)*.

   On vehicles with Keyless Access, the fuel filler flap is automatically unlocked when the vehicle is unlocked.
2. Open the fuel filler flap.
3. Remove the fuel tank cap and insert it into the opening at the fuel filler flap provided for this *→ fig. 1*.
4. Insert the nozzle into the fuel filler neck and start the refueling process.

   Hold the fuel pump nozzle handle down to ensure optimum refueling.

   The fuel tank is full once the fuel pump nozzle turns off for the first time → ⚠.
5. Screw the fuel tank cap onto the fuel filler neck.
6. Close the fuel filler flap.

Do not continue filling after disconnection. The expansion area in the fuel tank may fill with fuel, e.g. due to heating. This may mean that the fuel overflows or the automatic ventilation process cannot work *(→ Exhaust-system components)*.

⚠ WARNING

Fuel may spray out and overflow if the fuel tank is overfilled. This can cause explosions, fires, and serious or fatal injuries.

- Do not continue filling after the pump nozzle switches off for the first time.

NOTICE

If the tank content is not consumed up to the reserve quantity at regular intervals, it may not be possible to maintain the fuel quality and system function required for driving, under certain circumstances.

- At least every six months, only refuel when the warning light turns on.

Fuels can contaminate the environment. Collect any leaking operating fluids and dispose of them according to legal regulations.

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Introduction

The exhaust-relevant components reduce exhaust emissions:

— Catalytic converter *(→ Catalytic converter)*.

— Particulate filter (depending on the vehicle equipment) *(→ Particulate filter)*.

⚠ WARNING

If the engine runs in enclosed spaces, poisonous gases may enter the vehicle interior. This can cause serious injuries and death due to asphyxiation.

- Never start the engine in confined spaces.
- Do not allow the engine to run in confined spaces.
- Do not leave your vehicle unattended while the engine is running.

⚠ WARNING

The parts of the exhaust system become very hot and can ignite flammable materials, for example shrubs, leaves, dry grass or spilled fuel. This can lead to a fire and cause accidents and serious or fatal injuries.

- Never park the vehicle in such a way so that the exhaust system components come into contact with flammable materials under the vehicle.
- Never use additional undercoating or corrosion protection for exhaust pipes, catalytic converters, heat shields, or particulate filters.

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Catalytic converter

To ensure that the exhaust system and the engine catalytic converter can work correctly for a long time, observe the following:

— Only refuel with fuel permitted for the vehicle.

— Never drive until the fuel tank is completely empty *(→ Fuel types and refueling)*.

— Never add too much engine oil *(→ Engine oil)*.

— Do not tow-start the vehicle; use jump-start assistance instead *(→ Jump-starting)*.

If there are engine misfires, loss of power, or poor engine operation while driving, reduce the speed immediately and have the vehicle checked by suitably qualified professionals *(→ Exhaust-system components)*. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Otherwise, uncombusted fuel could be present in the exhaust system and then enter the atmosphere. The catalytic converter may also be damaged from overheating.

The exhaust may smell like sulfur when the emissions control system is running correctly.

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Particulate filter

Function

The particulate filter (depends on how your vehicle is equipped) filters out soot from the exhaust gas.

Regeneration

With normal vehicle usage, the filter cleans itself. If the filter is unable to clean itself, e.g. if you only make short trips for an extended period of time, the filter can become blocked with soot. The particulate filter needs to be cleaned (regenerated).

Noises, light odors, and increased engine speeds may occur during the regeneration. The radiator fan may continue to run while driving and after turning off the engine.

To assist in particulate filter regeneration, Volkswagen recommends avoiding driving short distances too frequently.

The soot in the particulate filter is burned periodically at high temperatures. The yellow indicator light does not turn on during a periodic regeneration.

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If the engine does not run smoothly and malfunctions

If the engine does not run smoothly or malfunctions while driving, it can indicate poor fuel quality.

1. Reduce your speed immediately.
2. Drive with a moderate RPM and low engine load to the nearest suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
3. If these symptoms occur directly after refueling, stop the engine immediately to prevent subsequent damage.
4. Do not continue driving! Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

Particulate filter clogged with soot

The yellow indicator light turns on.

The particulate filter is clogged with soot and a regeneration is necessary.

Prerequisite for the regeneration drive: The engine is at operating temperature.

For gasoline engines

1.0 l to 1.8 l

1. Drive at a speed of between approx. 50 km/h and 120 km/h(30 mph and 75 mph).

   The resulting temperature increase burns off the soot in the filter.
2. Only end the regeneration drive once the indicator light turns off.
3. If the indicator light is still illuminated after driving for approximately 40 minutes, drive immediately to suitably qualified professionals for assistance. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Exhaust-related malfunction

The yellow indicator light turns on.

An exhaust-related component is malfunctioning, which could damage the vehicle.

1. Contact a suitably qualified professional and have the engine and the exhaust system checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Misfire

The indicator light flashes yellow.

There is misfire which could damage the vehicle.

1. Contact a suitably qualified professional and have the engine and the exhaust system checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

Sudden braking or driving maneuvers, e.g. if an indicator light turns on or if the engine does not run smoothly, can cause accidents. This can result in serious injury or death.

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- Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.
- Follow the road traffic laws and regulations that apply in the country you are driving in.

If the indicator lights are on or flashing, it is likely that there is an engine malfunction and that fuel consumption will increase.

Introduction

When securing the vehicle in the event of a vehicle breakdown, follow the legal regulations applicable in the respective country.

WARNING

A loose tire mobility set, spare wheel, compact spare wheel or loose vehicle tool kit can be thrown through the vehicle interior during sudden driving or braking maneuvers or in the event of an accident. This could result in serious or fatal injuries.

- Always make sure the vehicle tool kit, tire mobility set, and spare wheel or compact spare wheel are secured in the luggage compartment.

WARNING

Working with an unsuitable or damaged vehicle tool kit may result in accidents. This could result in serious or fatal injuries.

- Never work with an unsuitable or damaged vehicle tool kit.
- Seek assistance from an authorized Volkswagen dealer or authorized Volkswagen Service Facility if there is no suitable vehicle tool kit available.

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Placement

There are a number of different storage locations for the tool box in the vehicle, such as under the luggage compartment floor or in a side storage compartment of the luggage compartment.

Depending on the equipment variant, the vehicle may contain a loose box with the vehicle tool kit in the luggage compartment. This supplied vehicle tool kit is intended for a possible winter tire change and doesn't have to be permanently stored in the vehicle .

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Vehicle tool kit components

The scope of the tool box depends on the country and equipment. The following information describes the full scope of items that may be included.

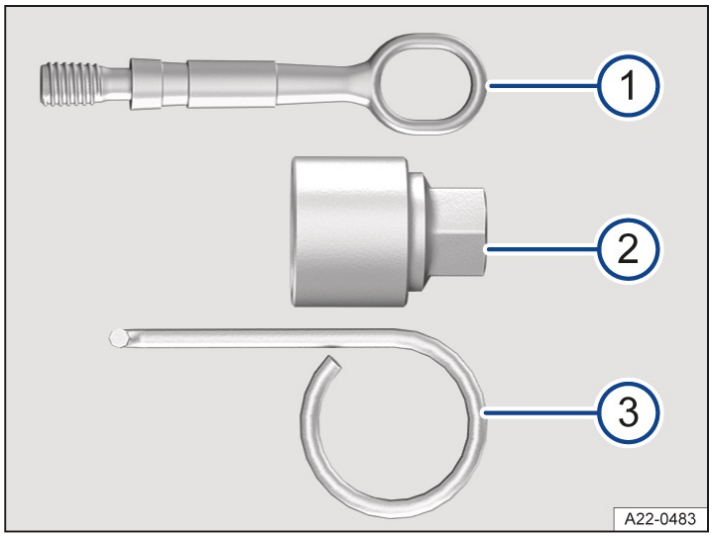


Fig. 1 Vehicle tool kit components (general example).

1. Towing eye that can be screwed in.
2. Adapter for the anti-theft wheel bolt. Volkswagen recommends always keeping the adapter for the wheel bolts in the vehicle with the vehicle tool kit. The code number for the wheel bolt lock is stamped on the front of the adapter. A replacement adapter can be ordered based on this number if the adapter is lost. Note the wheel bolt lock code number and keep it separate from the vehicle.
3. Extraction hook for removing the center wheel covers, wheel hub covers, or wheel bolt covers.

Additional vehicle tool kit

Depending on the vehicle equipment, the additional vehicle tool kit may include a jack. The additional vehicle tool kit with jack does not always have to be carried in the vehicle.

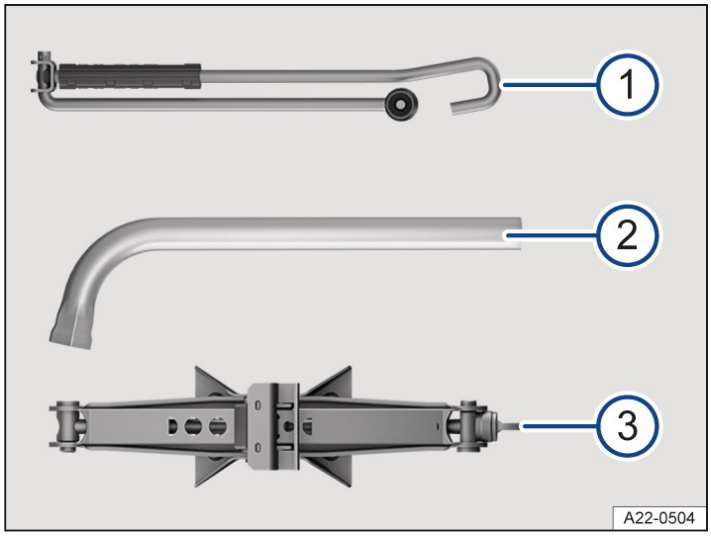


Fig. 2 Additional vehicle tool kit components (general example).

1. Crank.
2. Lug wrench for loosening and tightening wheel bolts.

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(3) Vehicle jack.

If used, crank the vehicle jack back down so that it can be securely stowed in the vehicle.

Jack maintenance

If a jack is included in the scope of the vehicle tool kit, the jack is generally not subject to any maintenance cycles.

1. If necessary, apply universal lubricant to the jack.

Tire Pressure Gage

In some countries, there may also be a tire pressure gauge in the vehicle.

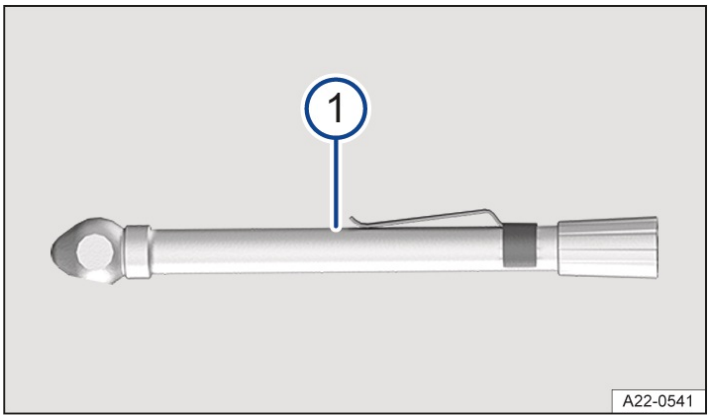


Fig. 3 Additional vehicle tool kit component (general example).

(1) Tire pressure tester (depending on the country).

Putting the windshield wipers in the service position

In the service position, the wiper arms can be lifted off of the windshield.



Fig. 1 Windshield wipers in service position (general example).

Activate the service position using the windshield wiper lever

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1. Close the hood, driver and front passenger door.
2. Switch the ignition on and off again.
3. Operate one-tap wiping *(→ Windshield wipers)*.

Lifting the windshield wiper arms

1. Move the windshield wiper arms into the service position before lifting →ⓘ.
2. Only hold and lift wiper arms in the area where they attach to the wiper blade.

Placing the windshield wiper arms back

1. Before driving, carefully place the wiper arms back against the windshield, holding them only in the area where they attach to the wiper blade.
2. When the ignition is switched on, press the windshield wiper lever briefly towards "one-tap wiping".

   The wiper arms move back to the original position.

NOTICE

Failing to take care when working on the wiper arms can damage the hood, windshield, or wiper arms.

- Lift the wiper arms with care, and only in the service position.
- Never open the hood when the wiper arms are raised up.
- Always place the wiper arms carefully against the windshield before driving.

Cleaning and changing wiper blades

Wiper blades with a graphite coating are installed at the factory. The graphite coating allows the wiper blade to glide easily over the window. A damaged graphite coating creates an increased noise level when wiping the window.

— Check the condition of the wiper blades regularly.

— If wiper blades are rubbing, replace them if they are damaged or clean them if they are dirty →⚠.

Damaged wiper blades should be replaced immediately. Wiper blades can be obtained from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Cleaning the wiper blades

1. Put the wiper arms into the service position.
2. Lift the wiper arms, making sure to only hold the wiper arms in the area where they attach to the wiper blade.
3. Clean the wiper blades carefully with a damp sponge →ⓘ.
4. Place the wiper arms carefully on the windshield.

Changing the windshield wiper blades

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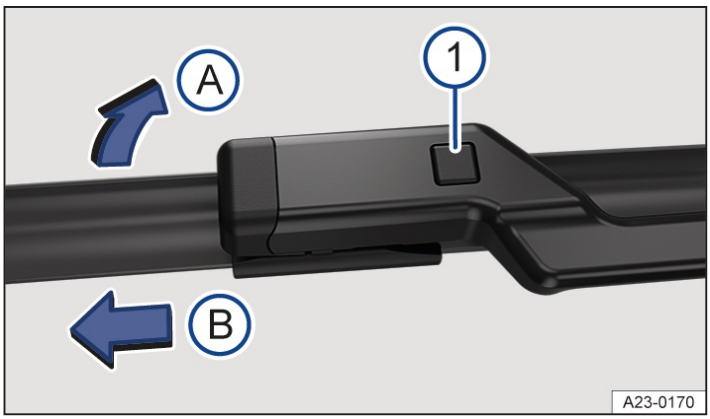


Fig. 1 Changing the windshield wiper blades.

(1) Wiper blade release button.

1. Move the windshield wiper arms into the service position before lifting.
2. Lift the wiper arms, making sure to only hold the wiper arms in the area where they attach to the wiper blade.
3. Press and hold the release button → *fig. 1* (1).
4. Tilt the wiper blade toward the wiper arm → *fig. 1* (A) while removing it in the direction of the arrow (B). You may need to use more force to do this.
5. Slide a new wiper blade with the same length and design onto the wiper arm in the opposite direction to the arrow until it engages → *fig. 1* (B). For this to work, the wiper blade has to be folded out → *fig. 1* (A).
6. Place the wiper arms carefully on the windshield.

Changing the rear window wiper blade

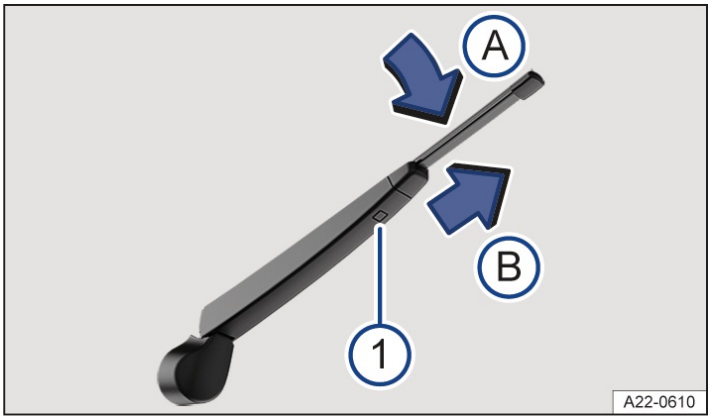


Fig. 2 Changing the rear window wiper blade.

(1) Wiper blade release button.

1. To lift a windshield wiper arm, hold it only in the area where it attaches to the wiper blade.
2. Lift the wiper arm and fold it out.
3. Press and hold the release button → *fig. 2* (1).
4. Tilt the wiper blade toward the wiper arm → *fig. 2* (A) while removing it in the direction of the arrow (B). You may need to use more force to do this.

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5. Slide a new wiper blade with the same length and design onto the wiper arm in the opposite direction to the arrow until it engages → *fig. 2* (B). For this to work, the wiper blade has to be folded out→ *fig. 2* (A).
6. Place the wiper arm carefully on the rear window.

WARNING

Worn or dirty wiper blades reduce visibility and increase the risk of accidents and serious injuries.

- Always clean dirty wiper blades.
- Always replace wiper blades if they are damaged or worn and are no longer cleaning the window glass sufficiently.

NOTICE

Cleaning wiper blades or door windows with unsuitable cleaning agents may cause damage.

- Do not clean the wiper blades and windshield and windows with fuel, nail polish remover, paint thinner, or other similar fluids.
- Do not clean the wiper blades with rough sponges or other sharp objects.

If there is wax residue on the windshield and rear window from car wash systems and other products, this can cause the windshield wipers to rub. Remove any wax residue with a special cleaner or cleaning towels.

Introduction

Before performing bulb replacement, check if it is an incandescent bulb or anLED

light. Generally, light bulbs can be replaced by yourself. Depending on the model and on the vehicle equipment, if the exterior lighting uses LED technology, it is not possible to replace theLED lights or individual LEDs by yourself. The malfunction of individual LEDs may be an indication that moreLEDs will malfunction. If this is the case, have theLED lights checked and replaced if necessary by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Driving with exterior lighting that is inoperative may be against the law.

1. Before bulb replacement, check if it is an incandescent bulb or an LED light.

Additional bulb specifications

Some bulbs may have certain manufacturer specifications that differ from conventional light bulbs. The respective name will be on the bulb socket or glass bulb.

WARNING

If the vehicle lighting is not used appropriately for the weather conditions, the road will not be illuminated sufficiently. The vehicle will not be visible to other road users or will be difficult to see. This can cause accidents and serious or fatal injuries.

- Regularly check the vehicle's lighting system and turn signals.
- Have the vehicle lighting system repaired immediately, when necessary.

WARNING

Work in the hood space can result in accidents and serious injuries if bulb replacements are carried out incorrectly.

- Always follow the tasks described and observe the general safety precautions.
- Never perform a bulb replacement if you are not familiar with the required activities.
- If you are not sure how to carry out a bulb replacement, have the work required carried out by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

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During the bulb replacement, the sharp-edged parts of bulb housings and hot or exploding bulbs can cause serious injuries.

- Only change bulbs when they have cooled down completely.
- Always protect your hands during bulb replacement.

NOTICE

Water entering the headlight housing can damage the electrical system.

- Following a bulb replacement, always install the covers on the headlight housing.
- Always check that the covers are properly secured after installation.

NOTICE

If you touch the lights of the glass bulbs when changing them, you may leave fingerprints on the light. The fingerprints will vaporize from the heat when the light is switched on and will cause the reflector to darken.

- Do not touch the glass bulb with bare fingers. Use cloth gloves, for example.
- Only touch the base of the light when installing it.

Information on bulb replacement

Always perform the following activities for bulb replacement in the specified sequence→⚠:

1. Safely park the vehicle on a horizontal and firm surface, and a safe distance away from moving traffic where possible *(→ Parking)*.
2. Set the parking brake.
3. Switch the lights off.
4. Turn off the turn signal if it is activated.
5. Vehicles with an automatic transmission: Engage the parking lock P.
6. Switch the ignition off.
7. Vehicles with manual transmission: Select a gear.
8. Allow the orientation lighting to turn off.
9. Allow the affected light bulbs to cool down.
10. Check if you can see that a fuse is burnt out *(→ Fuses)*.
11. Change the affected light bulb according to the instructions→⚠.

    A light bulb may only be replaced with the same type of light bulb. The respective name will be on the bulb socket or glass bulb.

    Do not touch the glass bulbs with your bare fingers. The residue from fingerprints can impair the brightness of the headlight.
12. Check the bulb function after a bulb is changed.

    If the bulb does not function, the bulb may not have been inserted correctly, may have fallen out, or the connector may not have been plugged in correctly.
13. After every bulb replacement in the front of the vehicle, have the headlight adjustment checked by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

If the steps described for the bulb replacement are ignored, accidents may occur. Serious injuries may result.

- Always follow the tasks described and observe the general safety precautions.

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NOTICE

Removing and inserting trim panels and headlights incorrectly can damage the vehicle paint and body.

- Always be careful when removing and inserting the trim panels and headlights.

Replacing bulbs in the vehicle body

Preparations

Only perform these activities in the specified order:

1. Refer to the information on bulb replacement and carry out the activities *(→ Exterior lighting)*.
2. Open the trunk lid.
3. Remove the taillight from the vehicle body.

Replacing bulbs

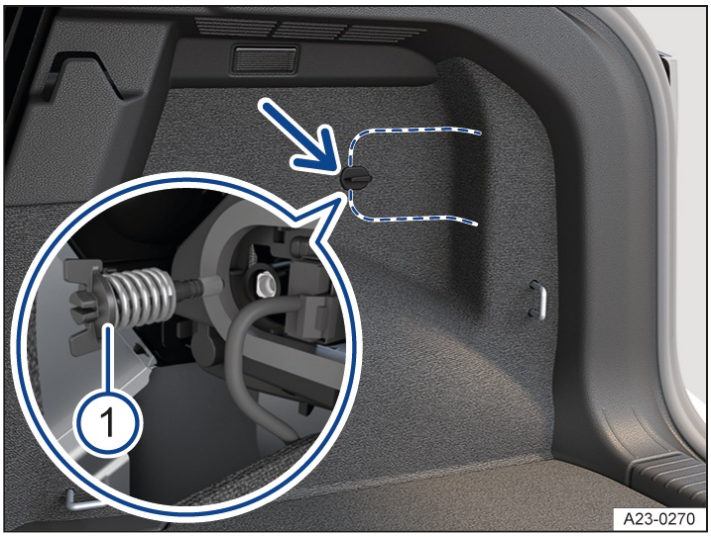


Fig. 1 In the luggage compartment: Removing a taillight.

(1) Fixing screw for taillight.

Removing the taillight

1. Turn the catch in the luggage compartment's side trim panel to the side→ *fig. 1*.
2. Fold the pre-punched cover in the side trim panel over the catch to the side.
3. Push the catch of the connector together and unplug the connector.
4. Remove the screw by hand→ *fig. 1* (1).
5. Carefully pull the taillight toward the rear and out of the body.
6. Remove the taillight and place it on a clean, flat surface.

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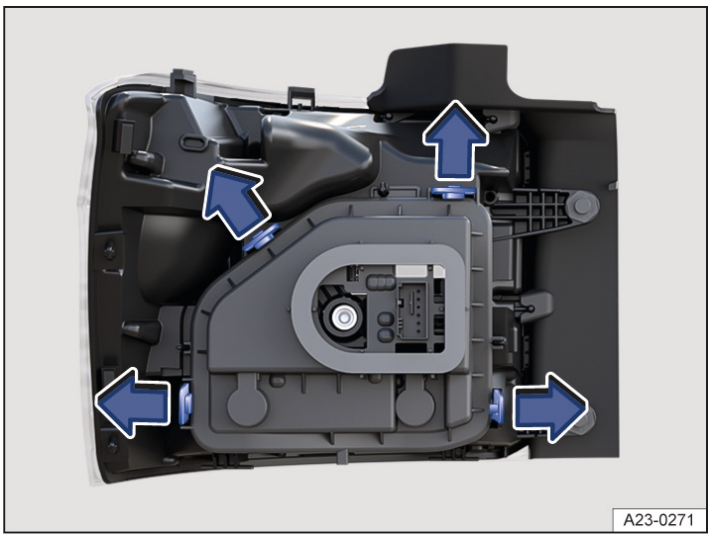


Fig. 2 Taillight: removing the bulb holder.

Replacing a bulb

1. To release the bulb holder, squeeze the locking tabs in the direction of the arrow→ *fig. 2*.
2. Take the bulb holder out of the taillight.
3. Replace the burned out bulb with a new bulb that is identical to the one being replaced.
4. Insert the bulb holder in the taillight.

   All catches must audibly engage.

Installing the taillight

1. Insert the taillight carefully into the opening on the body.
2. Hold the taillight in the installation position with one hand and tighten the screw with the other hand→ *fig. 1* (1).
3. Make sure the taillight is installed correctly and is secure.
4. Push the connector into the bulb holder until it clicks into place.
5. Fold back the luggage compartment's side trim panel and lock it with the catch.
6. Close the trunk lid.

Introduction

Due to the constant development of the vehicle, equipment-dependent fuse allocations, and the combined protection of multiple electrical equipment items using one fuse, a complete overview of the fuse layout is not available at the time of print. Detailed information about fuse allocations can be obtained from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Generally, multiple electrical equipment items can be protected together through by fuse. On the other hand, some equipment items may use multiple fuses.

Only replace fuses if the cause for the malfunction has been fixed.

1. If a new fuse blows again after a short time, have the electrical system checked by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

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The high voltage in the electrical system may cause electric shocks and severe burns. Contact with electric wires in the ignition system may result in serious or fatal injuries.

- Never touch the electrical wires in the ignition system.

WARNING

Using unsuitable fuses, repairing fuses or bridging a circuit without fuses can lead to serious damage or a fire in the vehicle. This could result in serious or fatal injuries.

- Replace fuses only with fuses of same rating and size. Make sure that the color and label are identical to the faulty fuse.
- Never repair fuses.
- Never use metal strips, paper clips or similar objects as substitutes for fuses.

NOTICE

Changing a fuse when the ignition is switched on, the engine is running, the light is switched on, or other electrical equipment is switched on could cause damage to the electrical system.

- Switch off the engine and turn off the light and other electrical equipment.
- Make sure that the engine cannot be started while a fuse is being replaced.

NOTICE

If a fuse is replaced by another fuse with a higher amp rating, this could also damage the vehicle's electrical system in another location.

- Never replace a fuse with a fuse that has a higher current rating.

NOTICE

Dirt and moisture in the fuse boxes can damage the electrical system.

- Protect open fuse boxes from dirt and moisture.
- Avoid short circuits in the electrical system.
- Check that the fuse box covers are tightly sealed again and are not damaged.

There are other fuses in the vehicle. These should only be replaced by an authorized Volkswagen dealer or authorized Volkswagen Service Facility qualified in this respect. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Fuses in the hood space

Opening the fuse box in the hood space

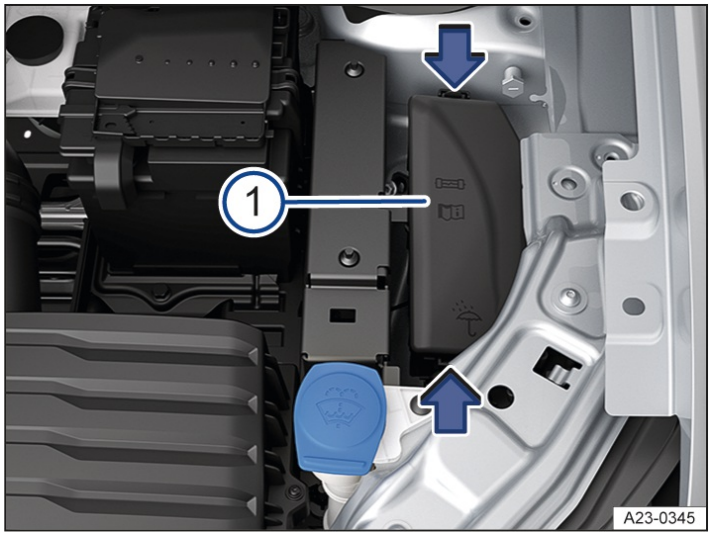


Fig. 1 In the hood space: fuse box.

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(1) Fuse box cover.

The plastic pliers for removing fuses can be found on the inside of the fuse box cover or on the fuse panel.

Removing the cover

1. Open the hood.
2. Press the catches in the direction of the arrow to unlock the fuse box cover→ *fig. 1* (1).
3. Remove the cover upward.

Fitting the cover

1. Place the cover onto the fuse box.
2. Push the cover downwards until it audibly clicks into place on both sides.

Overview of Fuses in the Hood Space

The overview shows the fuse positions of the electrical equipment relevant to the driver. The first column of the overview contains the fuse location; the other columns indicate the rated current, the fuse version, and the protected electrical equipment.

Depending on the country and equipment of the vehicle, there may be deviations from the fuse numbers and slots listed in the overview. If necessary, ask for the exact fuse assignment from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Fuse assignment

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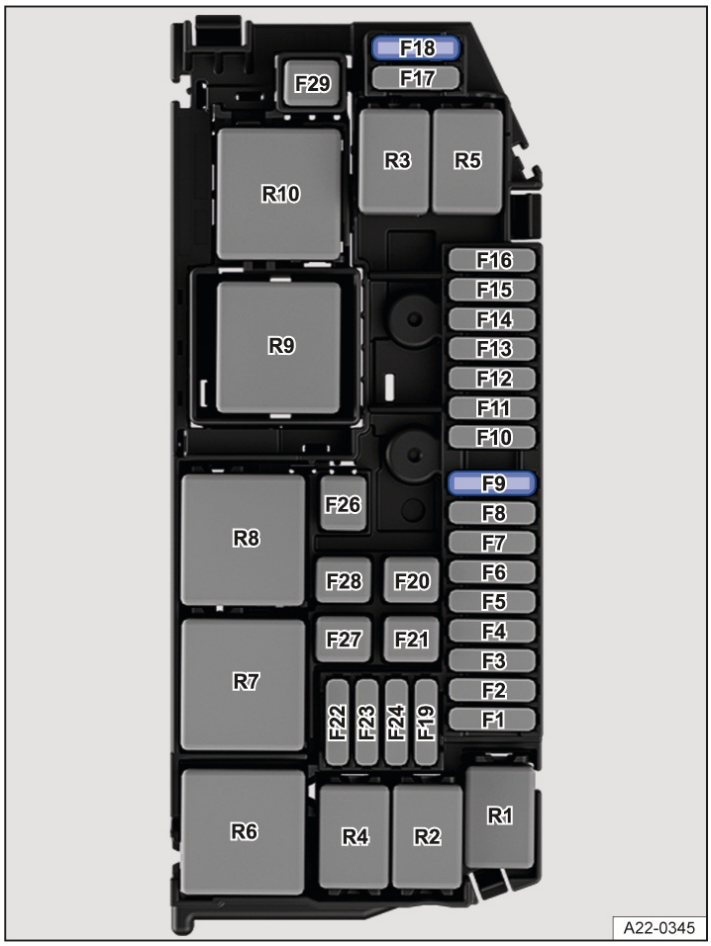


Fig. 1 In the hood space: Fuse locations.

Fuse location → *fig. 1*:

F9

7.5 Amp, ATO®, brake light sensor.

F18

30 Amp, ATO®, windshield wipers.

Fuses in the instrument panel

Opening the fuse box in the instrument panel (left-hand drive vehicles)



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Fig. 1 Fuse box cover on the instrument panel on the driver's side (left-hand drive vehicles).

Removing the cover

1. Reach behind the cover and pull it off in the direction of the arrow→ *fig. 1*.

Fitting the cover

1. Position the cover starting with the opposite side and push it closed in the opposite direction to the arrow until you hear it click into place → *fig. 1*.

Opening the fuse box in the instrument panel (right-hand drive vehicles)

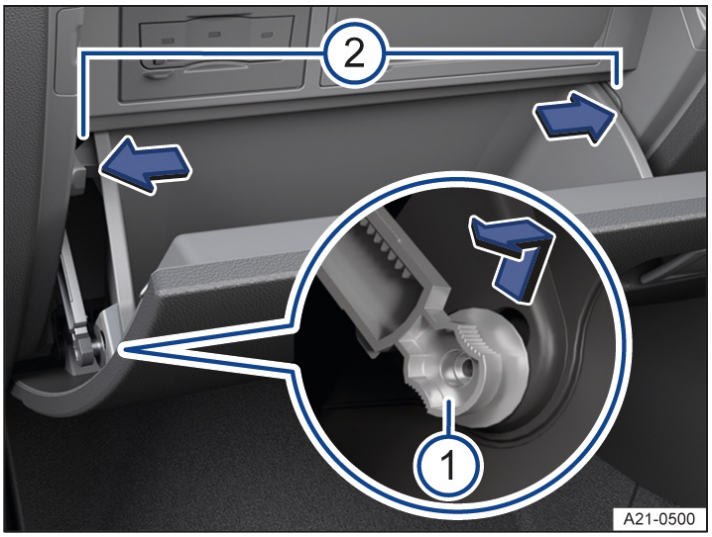


Fig. 2 On the passenger's side on the instrument panel: Fuse box cover in the instrument panel (right-hand drive vehicles).

(1) Damper element.
(2) Stop pin.

Removing the cover

1. Open the glove compartment and empty it if necessary.
2. Push the brake element upward into the opening of the bracket and pull it out sideways in the direction of the arrow → *fig. 2* (1).
3. Push the catches in the direction of the arrow while at the same time opening the glove compartment further → *fig. 2* (2).

Fitting the cover

1. Move the glove compartment into position.
2. Insert the brake element into the opening of the bracket and push it in the opposite direction to the arrow until it engages → *fig. 2* (1).
3. Carefully push the glove compartment forward over the resistance of the stop pins → *fig. 2* (2).

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Overview of the Fuses in the Instrument Panel

The overview shows the fuse positions of the electrical equipment relevant to the driver. The first column of the overview contains the fuse location; the other columns indicate the rated current, the fuse version, and the protected electrical equipment.

Depending on the country and equipment of the vehicle, there may be deviations from the fuse numbers and slots listed in the overview. If necessary, ask for the exact fuse assignment from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Fuse assignment

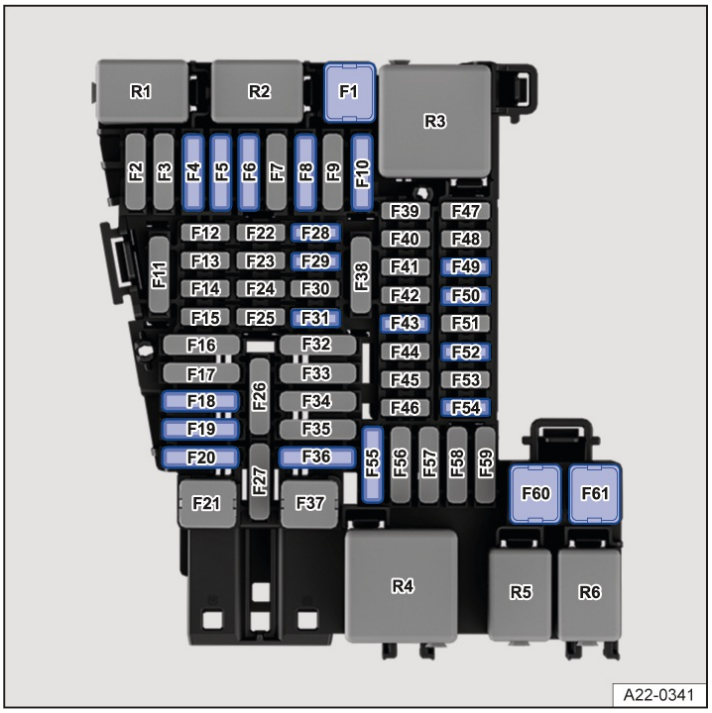


Fig. 1 Fuse locations for fuses in the instrument panel.

Fuse location → *fig. 1*:

F4

10 Amp, ATO®, Light switch.

F6

40 Amp, ATO®, central locking system.

F8

30 Amp, ATO®, blower regulator.

F19

25 Amp, ATO®, Infotainment system.

F20

30 Amp, ATO®, rear window defroster.

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F28

7.5 Amp, ATO®, anti-theft alarm system.

F29

7.5 Amp, ATO®, anti-theft alarm system.

F31

7.5 Amp, MINI®, climate control bar.

F36

20 Amp, ATO®, horn.

F43

15 Amp, MINI®, rear window wiper.

F49

15 Amp, MINI®, exterior lighting, front left.

F50

15 Amp, MINI®, exterior lighting, front right.

F52

7.5 Amp, MINI®, exterior lighting, rear left.

F54

7.5 Amp, MINI®, exterior lighting, rear right.

F55

20 Amp, ATO®, cigarette lighter, sockets.

Fuse locations in vehicles with a factory-installed trailer hitch:

F1

20 Amp, JCASE®, trailer control module.

F10

20 Amp, ATO®, trailer charging cable.

F60

30 Amp, JCASE®, trailer control module right.

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F61

30 Amp, JCASE®, trailer control module left.

Power windows and seats can be protected by circuit breakers or control modules, which switch back on automatically several seconds after correcting the overload, for example when door windows are frozen shut.

Replacing blown fuses

Preparations

1. Switch off the ignition, lights and all electrical equipment.

Detecting blown fuses

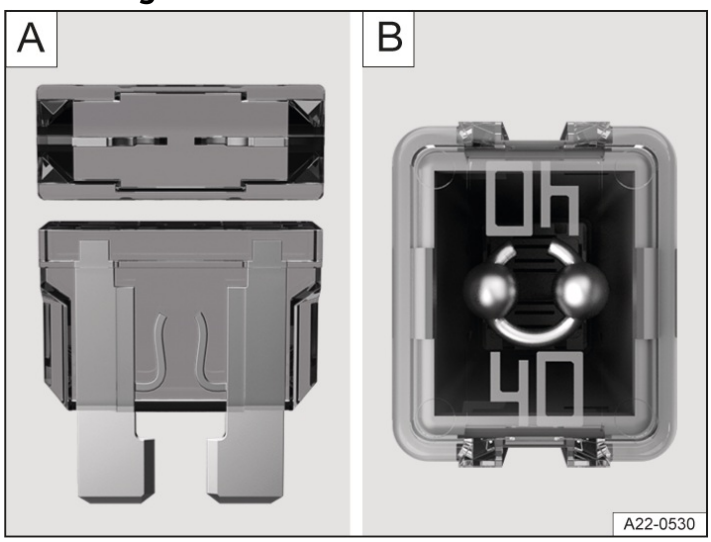


Fig. 1 Blown fuse (general example).

— A blown flat connector fuse (ATO®, MINI®) has metal strips that have burned through, which you can see through the transparent housing from above and from the side → *fig. 1* A.

— A blown block fuse (JCASE®) is recognizable by the melted metal strip seen through the transparent housing from above → *fig. 1* B.

Fuse versions

— Standard flat connector fuse (ATO®).

— Small flat connector fuse (MINI®).

— Block fuse (JCASE®).

Fuse color codes

Fuses (ATO® - MINI®).

Color

Current rating

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Black

1 A

Purple

3 A

Light brown

5 A

Brown

7.5 A

Red

10 A

Blue

15 A

Yellow

20 A

White or clear

25 A

Green

30 A

Orange

40 A

Red

50 A

Fuses (JCASE®)

Blue

20 A

Pink

30 A

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Green

40 A

Red

50 A

Yellow

60 A

Replacing fuses



Fig. 2 Plastic pliers for removing or inserting a fuse (general example).

1. If present, remove the plastic pliers from either the fuse box or the cover of the relevant fuse box→ *fig. 2*.
2. Depending on the design of the fuse, slide the appropriately sized clamp on the plastic pliers onto the fuse from above or from the side.
3. Remove the fuse.
4. If a fuse is blown, replace with a fuse with the same rating(same color and same label) and the same size →ⓘ.
5. After inserting the new fuse, place the plastic pliers back in the cover, if necessary.
6. Reinstall the cover or close the fuse box cover.

NOTICE

If a fuse is replaced by a fuse with a higher current rating, this could damage the electrical system in another location.

- Never replace a fuse with a fuse that has a higher current rating.

Introduction

For technical reasons the vehicle must not be tow-started→ⓘ. If the engine cannot start because the 12 V vehicle battery is dead, the 12 V vehicle battery on another vehicle can be used to start your vehicle.

For vehicles with a 12 V vehicle battery in the vehicle interior or luggage compartment, the jumper cables may only be connected to the jump-start points in the hood space.

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WARNING

Using jumper cables incorrectly and performing a jump-start incorrectly could cause the 12 V vehicle battery to explode. Serious injuries may result.

- Always read and heed the warnings and safety precautions before working on the 12 V vehicle battery *(→ 12-V vehicle battery)*.
- Never confuse the positive battery terminal with the negative battery terminal.
- Never jump-start a vehicle with a frozen or thawed 12 V vehicle battery.

WARNING

During a jump-start, a highly explosive gas mixture builds up at the 12 V vehicle battery. Sparks produced during a jump-start could ignite the flammable gas. Serious injuries may result.

- Always keep fires, sparks, open flames, and lit cigarettes far away from the 12 V vehicle battery.
- Avoid discharging static electricity near the 12 V vehicle battery.

NOTICE

Tow-starting can cause severe damage to the vehicle.

- Jump-start the vehicle to start the engine.

NOTICE

A drained 12 V vehicle battery can freeze at temperatures around approx. 0 °C (approx. +32 °F), suffer damage and fail.

- Always replace a frozen or thawed 12 V vehicle battery.

Ground jump-start point

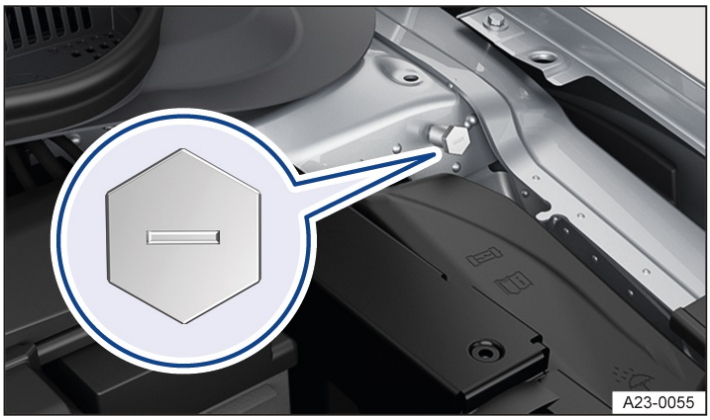


Fig. 1 In the hood space: Negative terminal jump-start point.

– The jump-start point (negative terminal) is for connecting the black jumper cable.

The vehicle can give and receive a jump-start using this negative terminal jump-start point.

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Preparing and Performing a Jump-start

Preparations

Observe the following for jump-starting:

— Wear suitable eye protection and safety gloves →⚠.

— Pay attention to the operating instructions provided by the manufacturer of the jump-start cables.

— Open the hood.

— Always use a jumper cable with fully insulated terminal clamps and without any insulation defects for jump-starting →⚠.

— Ensure that there is sufficient distance between the vehicle providing the jump-start and the vehicle receiving the jump-start, otherwise current could already flow when connecting the positive battery terminals.

— Make sure the terminal clamps have sufficient contact with metal.

Jumper cable

So that vehicles can be jump-started and can jump-start others, an appropriate jumper cable is required.

The cable cross-section of the jumper cables must be at least 25 mm^2 (0,038 in^2). The cable cross-section of the jumper cables for vehicles with diesel engines must be at least 35 mm^2 (0.054 in^2).

Vehicle Receiving Jump-start

1. Check that the discharged 12 V vehicle battery is properly connected to the 12 V vehicle electrical system.
2. If a 12 V vehicle battery with a viewing window has been installed, check the color of the viewing window. If the viewing window is light yellow or has no color, do not perform a jump-start; instead, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Vehicle to be Jump-started

1. Pay attention to the operating instructions provided by the vehicle manufacturer.
2. Check that the battery providing the jump-start has the same voltage(12 V) and approximately the same battery capacity as the dead 12 V vehicle battery. Pay attention to the information printed on the battery of the vehicle providing the jump-start.

Jump-starting

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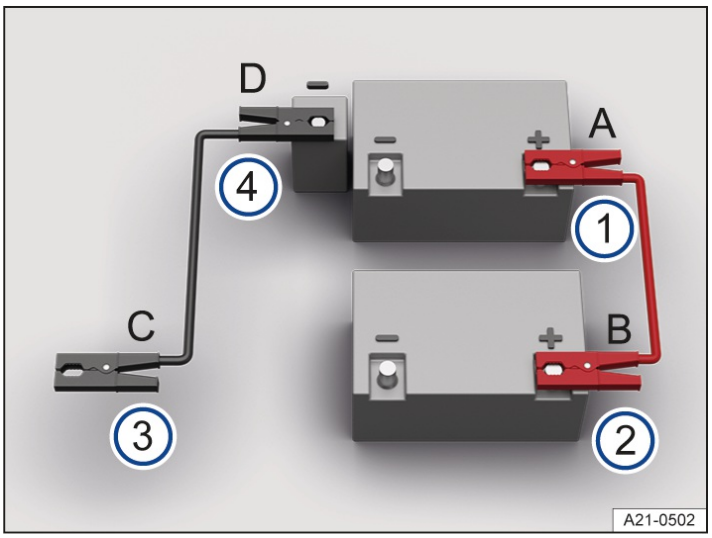


Fig. 1 Diagram for connecting the jumper cables.

1. Positive battery terminal of the vehicle receiving the jump-start.
2. Positive battery terminal of the vehicle providing the jump-start.
3. Suitable negative terminal of the vehicle providing the jump-start: preferably a jump-start point (negative connection), a large metal part that is bolted securely to the engine block, or the engine block itself.
4. Jump-start point (negative terminal) of the vehicle receiving the jump-start.

Only connect the jumper cables in the sequence A – B – C – D → *fig. 1*.

1. Switch the ignition off on both vehicles.
2. In the hood space, open the cover on the positive battery terminal (+) of the 12 V vehicle battery, if fitted.
3. Connect one end of the red jumper cable to the positive battery terminal (+) of the 12 V vehicle battery with the discharged 12 V vehicle battery → *fig. 1* (1) → ⚠.
4. Connect the other end of the red jumper cable to the positive battery terminal (+) on the vehicle providing current → *fig. 1* (2).
5. Connect one end of the black jumper cable to a negative terminal jump-start point (–) on the vehicle with the 12 V vehicle battery providing the jump-start → *fig. 1* (3).

   Or: If there is no negative terminal jump-start point (–), connect the end of the black jumper cable to a large metal part that is bolted securely to the engine block, or the engine block itself, on the vehicle with the 12 V vehicle battery providing current → *fig. 1* (3).
6. Connect the other end of the black jumper cable to the negative terminal jump-start point (–) on the vehicle with the discharged 12 V vehicle battery → *fig. 1* (4) → ⚠.
7. Route the jumper cables so that they cannot become caught in moving parts in the hood space.

Start the engine

1. Start the engine in the vehicle that is providing current and allow it to idle.
2. Wait a few minutes and then start the vehicle's engine with the discharged 12 V vehicle battery. If the engine does not start, stop the starting process after ten seconds, and try again after approximately one minute.

If the engine still will not start, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Removing the jumper cables

1. Before disconnecting the jumper cables, switch off the low beam headlight if necessary.
2. In the vehicle with the drained 12 V vehicle battery, switch on the blower for the air conditioner and the rear window defroster. This will reduce any voltage surges that may occur when disconnected.
3. Once the vehicle has been jump-started, always disconnect the jumper cables in the order D – C – B – A *→ fig. 1*.
4. Close the cover of the positive terminal (+), if fitted.

After successful jump-starting, have the 12 V vehicle battery checked by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

Performing a jump-start incorrectly can cause the 12 V vehicle battery to explode, which can cause serious injuries.

- Always wear suitable eye protection and safety gloves.
- Never lean over the 12 V vehicle battery.
- Always connect the positive cable first and then the negative cable.
- Never connect the negative terminal to parts of the fuel system or to the brake lines.
- Ensure that there is no contact between the non-insulated parts of the terminal clamps.
- Make sure the cable insulation is free from any defects.
- Make sure that the cable that is connected to the positive battery terminal on the 12 V vehicle battery does not come into contact with any vehicle components that conduct electricity.

NOTICE

A drained 12 V vehicle battery can freeze at temperatures around approx. 0 °C (approx. +32 °F), suffer damage and fail.

- Always replace a frozen or thawed 12 V vehicle battery.

Introduction

Towing requires practice, particularly if a towing cable is used. Both drivers should be familiar with the special considerations when towing. Inexperienced drivers should not tow.

Follow all applicable laws when towing.

Always make sure the towing 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.

⚠ WARNING

The vehicle handling and braking efficiency will change considerably when it is towed. This may cause you to lose control of the vehicle and result in accidents and serious or fatal injuries.

- Bear in mind that more force is required for steering and braking during towing.

⚠ WARNING

If a vehicle that has no electrical power is towed or the vehicle key is removed from the ignition lock during towing, the steering lock may suddenly engage. If this happens, you will not be able to move the steering wheel. This can cause accidents and serious or fatal injuries.

- Never remove the remote control vehicle key from the ignition lock while towing.
- If the vehicle loses power while it is being towed, stop towing the vehicle immediately and see an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

NOTICE

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When moving the vehicle by hand, the taillights, the side spoiler on the rear window and large sheet metal surfaces may be damaged. The rear spoiler may detach.

- When pushing the vehicle by hand, do not press on the taillights, side spoiler on the rear window, large sections of sheet metal, or the rear spoiler.

Towing

Towing refers to using a vehicle to pull another vehicle that cannot be driven. *(→ Vehicle towing)*.

The vehicle can be towed using a tow bar or tow rope:

— The maximum permissible speed is 50 km/h(30 mph).

— The maximum permissible distance is 50 km(30 miles).

The easiest and safest way to tow is using a tow bar. You should use a towing cable only if a tow bar is not available. The towing cable should be elastic to protect both vehicles. Use a cable made of synthetic rubber or a similar elastic material.

Towing with a tow truck

If the vehicle is to be raised at an axle for towing, this must only be done at the following axle:

— Front axle

⚠ WARNING

Vehicle components can be badly damaged by incorrectly attached tow ropes or tow bars. This increases the risk of accident and could result in serious or fatal injuries.

- Only ever secure the vehicle to be recovered and towed at the points designed for this purpose.
- Never secure the tow rope or the tow bar to axle or suspension components.
- Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the vehicle taken away on a tow truck, if necessary.

Instructions for towing

A vehicle being towed can still signal a turn using the turn signals even if the emergency flashers are switched on. To do this when the ignition is switched on, activate the turn signal for the desired direction. The emergency flashers will stop while the turn signal is active. The emergency flashers will automatically activate again once the turn signal and high beam lever returns to the neutral position.

When may this vehicle not be towed?

If one of the following situations is applicable, the vehicle must not be towed with a tow bar or tow rope.

— If the 12 V vehicle battery is drained.

— The indicator in the instrument cluster display does not function perfectly.

— If the towing distance is greater than 50 km/h(30 miles).

— With a manual transmission, the clutch cannot be depressed completely and it is not possible to shift into neutral.

— The selector lever of the automatic transmission cannot be moved to neutral (position **N**).

— The parking brake lever cannot be released.

— The steering lock cannot be released.

— If the wheel clearance or the steering function can no longer be secured after an accident.

1. If the vehicle cannot be towed rolling on its own wheels, contact an authorized Volkswagen dealer or

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authorized Volkswagen Service Facility and have the vehicle transported by a tow truck if necessary.

Towing

Secure the tow rope or tow bar only at the permitted points:

— Towing lug.

— Ball mount.

WARNING

Vehicle components can be badly damaged by incorrectly attached tow ropes or tow bars. This increases the risk of accident and could result in serious or fatal injuries.

- Only ever secure the vehicle to be recovered and towed at the points designed for this purpose.
- Never secure the tow rope or the tow bar to axle or suspension components.
- Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the vehicle taken away on a tow truck, if necessary.

Preparations

— Make sure the tow rope is not twisted. Otherwise it could disconnect from the towing eye while towing.

— Switch the ignition and emergency flashers on in both vehicles. However, do not do this if it is prohibited by law.

— Observe the legal regulations and instructions for towing in the Owner's Manual of the other vehicle.

Towing vehicle (front)

1. Only start to drive when the tow rope is taut.
2. Take extra caution when pressing the accelerator pedal.
3. Avoid sudden braking and driving maneuvers.
4. Do not exceed the permitted towing weight of the vehicle.
5. For vehicles with a manual transmission: Engage the clutch very gently when pulling away.

Vehicle being towed (rear)

1. Make sure that the ignition is always switched on so that the steering wheel is not locked and the turn signals and windscreen wipers can be operated if necessary. The brake booster and power steering only work when the engine is running. Otherwise, the brake pedal needs to be pressed much harder and more force is required to steer.
2. Make sure the vehicle key is always in the vehicle during the towing process *(→ Keyless Access)*.
3. For vehicles with an automatic gearbox: Select gear **N**.

   For vehicles with a manual transmission: Disengage the gear.
4. Release the parking brake.
5. Make sure the tow rope is always taut.

NOTICE

If the battery charge level of the 12 V vehicle battery is insufficient, you will not be able to release the steering lock. The vehicle may be damaged when towed.

- To release the steering lock, start the engine, if necessary by means of a jump-start if there is a loss of power or malfunctions.

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- Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the vehicle taken away on a tow truck, if necessary.

Installing the front towing eye

Depending on the country and vehicle equipment, the mount for the towing eye is situated behind the bumper cover.

1. Before having it towed, check that your vehicle has a threaded mount for the towing lug.
2. Read and heed the information about towing *(→ Vehicle towing)*.
3. Otherwise, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the vehicle taken away by a tow truck if necessary.

The towing eye must always be kept in the vehicle→ⓘ.

NOTICE

Using a towing eye that is not suitable for the vehicle can damage the vehicle.

- Always use the towing eye from the supplied vehicle tool kit or another suitable towing eye for towing.

Installing the front towing eye



Fig. 1 In the right front bumper: Remove cover.



Fig. 2 In the right front bumper: Screw in towing eye.

1. Remove the towing eye from the vehicle tool kit in the luggage compartment.
2. Press on the marked area of the cover in the direction of the arrow to release the catch on the cover→ *fig. 1*.
3. Remove the cover, let it hang from the vehicle or place it in the vehicle if necessary→ⓘ.
4. Rotate the towing eye in the direction of the arrow as far as possible to install it in the mount→ *fig. 2* , →⚠. Use a suitable object to tighten the towing eye completely and securely in the mount.
5. After the vehicle has been towed, unscrew the towing eye with a suitable object in the opposite direction to the arrow.

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6. Insert the cap into the respective opening and press in until it engages.
7. If necessary, clean the towing eye and return it to the vehicle tool kit in the luggage compartment.

WARNING

If the towing eye is not fully and tightly screwed into the mount, it may tear out of the mount. This may result in accidents and serious injuries during the towing process.

- Before towing, check that the towing eye is fully screwed in.

NOTICE

Removing and fitting the cover and towing eye incorrectly may cause damage to the vehicle's paint and body.

- Always remove and fit the cover and towing eye carefully.

Installing the rear towing eye

Depending on the country and vehicle equipment, the mount for the towing eye is situated behind the bumper cover.

1. Before having it towed, check that your vehicle has a threaded mount for the towing lug.
2. Read and heed the information about towing *(→ Vehicle towing)*.
3. Otherwise, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the vehicle taken away by a tow truck if necessary.

The towing eye must always be kept in the vehicle→ⓘ.

NOTICE

Using a towing eye that is not suitable for the vehicle can damage the vehicle.

- Always use the towing eye from the supplied vehicle tool kit or another suitable towing eye for towing.

Installing the rear towing eye

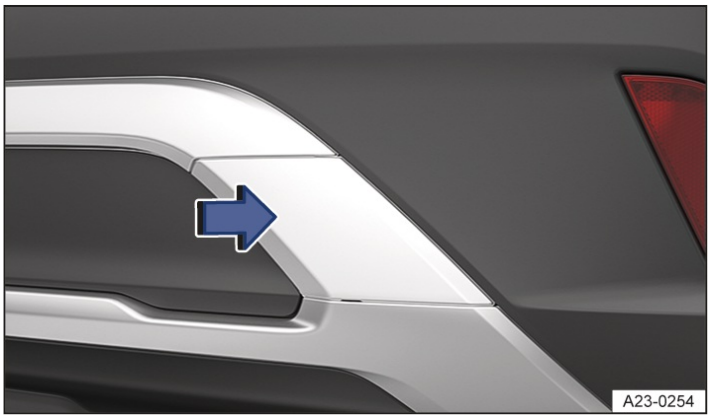


Fig. 1 In the right rear bumper: Remove the cover, variant 1.

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Fig. 2 In the right rear bumper: Remove the cover, variant 2.

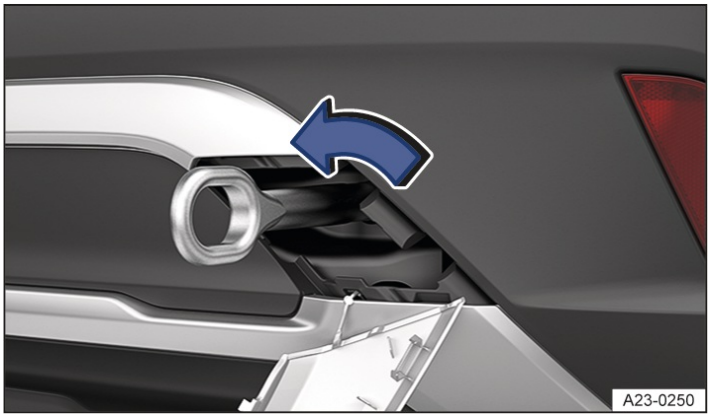


Fig. 3 In the right rear bumper: Screw in towing eye, variant 1.



Fig. 4 In the right rear bumper: Screw in towing eye, variant 2.

1. Remove the towing eye from the vehicle tool kit in the luggage compartment.
2. Press on the marked area of the cover in the direction of the arrow to release the catch on the cover → *fig. 1*.
3. Remove the cover, let it hang from the vehicle or place it in the vehicle if necessary→ⓘ.
4. Rotate the towing eye in the direction of the arrow as far as possible to install it in the mount→ *fig. 3* , →⚠. Use a suitable object to tighten the towing eye completely and securely in the mount.
5. After the vehicle has been towed, unscrew the towing eye with a suitable object in the opposite direction to the arrow.
6. Insert the cap into the respective opening and press in until it engages.
7. If necessary, clean the towing eye and return it to the vehicle tool kit in the luggage compartment.

Safety precautions for working in the hood space

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WARNING

If the towing eye is not fully and tightly screwed into the mount, it may tear out of the mount. This may result in accidents and serious injuries during the towing process.

- Before towing, check that the towing eye is fully screwed in.

NOTICE

Removing and fitting the cover and towing eye incorrectly may cause damage to the vehicle's paint and body.

- Always remove and fit the cover and towing eye carefully.

Vehicles with a trailer hitch

In vehicles with a factory-equipped trailer hitch, there is no mount for the threaded towing eye behind the cover.

1. To tow, swivel the ball hitch out or mount and use it.

NOTICE

Using an unsuitable towing bar could damage the ball hitch and the vehicle.

- Always use a tow bar specifically designed for mounting on a ball mount for towing.
- If you do not have a suitable tow bar, use a tow rope for towing.

The hood space of a vehicle is a dangerous area. Only perform work in the hood space if you are familiar with the necessary activities and the general safety precautions, and if the correct operating equipment, fluids and suitable tools are available. Work performed incorrectly can result in serious injuries →⚠. Have all work performed by suitably qualified professionals if necessary. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

The hood space is a dangerous area. Any work in the hood space could lead to accidents and serious or fatal injuries.

- Always work as cautiously and carefully as possible.
- Do not perform work in the hood space unless you are familiar with the required activities.
- If you are not sure how to do the work in the hood space, have the work required carried out by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Before working in the hood space, apply the parking brake and move the selector lever to position P or move the gearshift lever to the neutral position.
- Switch off the ignition and store the vehicle key securely and far enough away from the vehicle to ensure that the engine cannot be started accidentally.
- Never touch hot components in the engine.
- Do not leave any items, such as cleaning cloths or tools, in the hood space.
- Always keep children away from the hood space and never leave them unattended.

WARNING

The hood space contains moving components. When working in the hood space, particularly when starting the vehicle or if the engine is running, contact with moving parts, e.g. fan blades in the radiator fan, may cause serious or fatal injuries.

- Never reach into the radiator fan or into the area near the radiator fan, even if the engine is switched off or the ignition is switched off. The ventilator is temperature-controlled and may switch on by itself.
- To reduce the risk of anything becoming caught in engine components, always remove any jewelry and/or ties, tie back long hair, and avoid wearing loose-fitting clothing when performing work.
- Always press the accelerator pedal extremely carefully and never press it without paying close attention. The vehicle can also start to move if the parking brake is set.

WARNING

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Escaping hot steam or hot coolant and hot components may cause serious burns.

- Never open or close the hood if steam or engine coolant is escaping.
- Always wait until you can no longer see or hear steam or engine coolant escaping from the hood space.

WARNING

The engine cooling system is under pressure when the engine is hot. If the cover is opened carelessly, coolant may spray out and cause serious burns or fatal injuries.

- Never open the cap of the coolant expansion tank when the engine is hot.
- If you have to open the cap of the coolant expansion tank, always protect your face, hands and arms from hot coolant or steam with a large, thick cloth.
- Slowly and very carefully turn the cap of the coolant expansion tank counterclockwise while pressing down lightly on the cap.

WARNING

Additional insulation, such as covers in the hood space or discarded items such as cleaning cloths or tools, can cause malfunctions, damage to the engine, or fires. This could result in serious or fatal injuries.

- Never cover the engine with blankets or other insulating materials.
- Never leave items in the hood space.

Before carrying out any work in the hood space of the vehicle:

1. Always safely park the vehicle on a horizontal and firm surface→ ⚠ *(→ Parking)*

WARNING

If the vehicle is not secured against rolling away during maintenance procedures, the vehicle may move unintentionally. This could result in accidents and serious or fatal injuries.

- Manually deactivate the start-stop system.
- Never carry out any work underneath the vehicle unless it is adequately secured to prevent it from rolling.
- Ensure that the vehicle is situated on a horizontal and firm surface and that the wheels are blocked to prevent them from moving when carrying out work underneath the vehicle with its wheels touching the ground.
- If you are working underneath the vehicle, additionally support the vehicle securely with suitable stands. The vehicle jack is not sufficient for this purpose and may collapse.

WARNING

The high voltage in the electrical system may cause electric shocks and burns. This could result in serious or fatal injuries.

- Never short-circuit the electrical system. The 12 V vehicle battery may explode.
- Never touch the electrical wires and connections of the gas discharge lamps.

Preparing the vehicle for work in the hood space

Always perform the following activities in the specified sequence before all work in the hood space:

1. Safely park the vehicle on a horizontal and firm surface *(→ Parking)*.
2. Secure the vehicle against rolling away.
3. Remove the remote control vehicle key from the vehicle and store it outside of the vehicle, so that the vehicle does not start accidentally.
4. Let the engine cool down sufficiently.
5. Always keep other people away from the hood space.

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Opening and closing the hood



Fig. 1 In the driver's side footwell: Release lever for the hood (general example).



Fig. 2 Above the radiator grille: Opening lever for the hood.

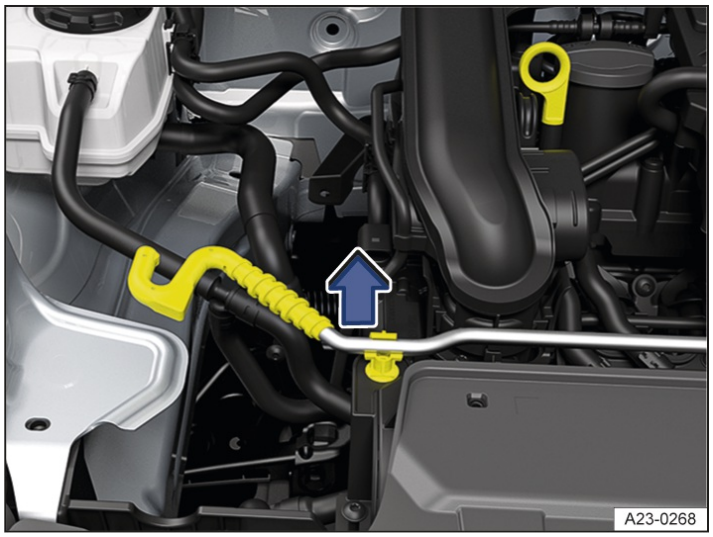


Fig. 3 In the hood space: Hood support in the bracket.

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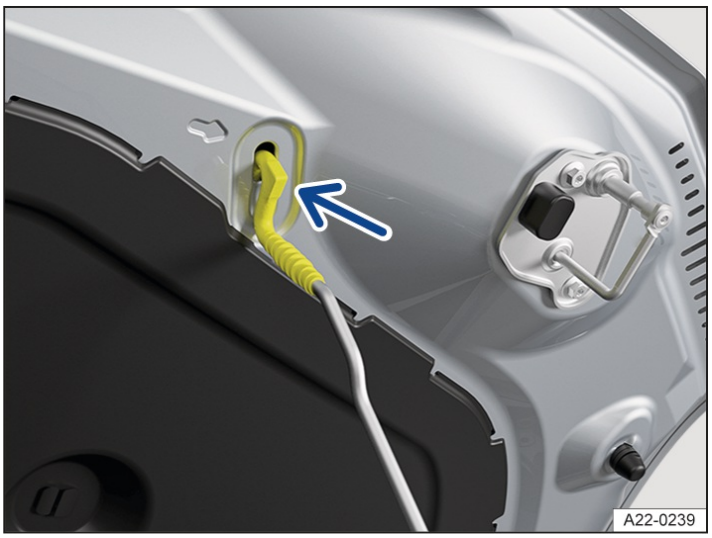


Fig. 4 On the engine hood: Hood support bracket.

Opening the hood

1. Open the driver door and pull the release lever in the direction of the arrow→ *fig. 1*.

   The hood will pop open due to spring force from the catch in the lock carrier→ⓘ.
2. To open the hood fully, slightly lift the hood while pushing the actuating lever in the direction of the arrow → *fig. 2*.
3. Remove the hood support from the bracket in the direction of the arrow→ *fig. 3* and insert it into the holder for the hood support → *fig. 4*.

Closing the hood

1. Lift the hood slightly and hold it→⚠.
2. Unhook the hood support from the holder for the hood support→ *fig. 4* and insert it into the bracket→ *fig. 3*.
3. Allow the hood to fall out approx. 20 cm (approx. 8 inches) into the catch of the lock carrier, without pressing down on it.

   When the hood is closed correctly, it will be flush with the surrounding sections of the vehicle body→⚠.

⚠ WARNING

If the hood is not closed correctly, it could open suddenly while driving and block the view through the windshield. Accidents and serious or fatal injuries could result.

- After closing the hood, check that the catch is engaged correctly in the lock carrier.
- If you realize when driving that the hood is not closed properly, park the vehicle safely and close the hood.

⚠ WARNING

Failing to take care when opening and closing the hood can result in serious injuries.

- Do not open or close the hood if any persons are in the closing range of the hood.

NOTICE

Opening and closing the hood incorrectly can cause damage to the hood or wiper arms.

- Only open the hood when wiper mode is switched off and with the windshield wipers folded in.
- Always fold the wiper arms against the windshield before driving.

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Indicator for opened engine hood



Fig. 5 In the instrument cluster display: the hood is open or not closed correctly (general example).

An image in the instrument cluster display indicates if the hood is open or has not closed correctly→ ⚠.

STOP Do not continue driving!

1. Stop the vehicle as soon as it is safe to do so.
2. If necessary, lift the hood and close it again.

The image is also displayed when the ignition is switched off and it disappears several seconds after the doors are closed and the vehicle is locked.

⚠ WARNING

Disregarding warning notifications could lead to breakdowns while driving, accidents and serious or fatal injuries.

- Never ignore warning notifications.
- Stop the vehicle as soon as it is safe to do so.
- Do not continue driving and seek professional assistance if the warning light does not go out.

Operating fluids and operating equipment

All fluids and operating equipment, such as engine coolant, engine oils and vehicle batteries, are continuously being developed.

1. Have fluids and operating equipment replaced by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

Carrying out work on the fuel system may cause fires and serious or fatal injuries due to electrical discharge and flying sparks.

- Always disconnect the 12 V vehicle battery.
- Always have a fully-functioning, checked fire extinguisher nearby.
- Make sure that the vehicle is unlocked when the 12 V vehicle battery is disconnected. Otherwise, the anti-theft alarm system will be activated.

⚠ WARNING

Fluids may be poisonous. Improper use and storage may cause serious or fatal injuries.

- Only store fluids in their sealed original containers.

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- Never use empty food cans, bottles, or other containers to store fluids, because someone could drink the fluids by mistake.
- Keep children away from all fluids and operating equipment.
- Always read and heed the information and warnings on the packaging for the fluids.
- When using products that emit harmful vapors, always work outdoors or in a well-ventilated area.

WARNING

Fluids and some materials in the hood space are highly flammable and may ignite on contact with hot surfaces, sparks, or naked flames. This can lead to a fire and cause accidents and serious or fatal injuries.

- Never smoke near the hood space.
- Never work near open flames or sparks.
- Never perform work near sources of heat, boilers, or other open flames.
- Never pour or spill fluids on the engine.
- Always have a fully-functioning, checked fire extinguisher nearby.

NOTICE

The use of fluids that do not correspond to the specification can cause serious malfunctions and damage to the engine.

- When topping up or changing fluids, make sure that the fluids correspond to the respective specification.
- Only fill fluids into the designated filler openings.

Fluids leaking from the vehicle can cause environmental damage.

- Regularly check the ground beneath the vehicle.
- If you see spots of fluid on the ground under the vehicle, have the vehicle checked by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Dispose of leaking fluids according to legal and environmental regulations.

Washer fluid

General information

The windshield washer fluid reservoir is located in the hood space.



Fig. 1 In the hood space: Cap on the washer fluid reservoir (general example).

The washer fluid reservoir is identified with the symbol on the cap → *fig. 1*.

1. Check the washer fluid level regularly and fill if necessary.

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Preparations

1. Prepare the vehicle for work in the hood space .
2. Open the hood.

Checking and refilling

1. Check if there is enough washer fluid in the reservoir.
2. To top it up, mix clean water with a suitable alcohol-based windshield cleaner. Follow the mixing instructions on the packaging of the windshield cleaner →⚠, →ⓘ.
3. When the outside temperatures are cold, an anti-freeze agent should be added to the water so that it does not freeze. Follow the mixing instructions on the packaging of the anti-freeze agent.

There is a screen in the filler tube in the windshield washer fluid reservoir. The screen keeps large particles of contaminants from entering the washer nozzles when you refill the washer fluid →ⓘ.

Do not use distilled water to fill the windshield washer fluid tank.

⚠ WARNING

Unsuitable additives in the windshield washer fluid can create an oily film on the vehicle windshield. This may reduce visibility and increase the risk of accidents and serious or fatal injuries.

- Never add coolant additive or similar unsuitable additives to the windshield washer fluid.

ⓘ *NOTICE*

Using a cleaning agent that contains acid may result in damage and cause the spray nozzles to malfunction.

- Never top up the windshield washer fluid tank using a cleaning agent that contains acid, e.g. vinegar-based cleaners.

ⓘ *NOTICE*

Mixing different windshield cleaners can cause the components to flocculate and the spray nozzles to clog.

- Only use suitable alcohol-based windshield cleaners.
- Never mix different windshield cleaners together.

ⓘ *NOTICE*

When you top up the windshield washer fluid, if you use a damaged screen or do not use a screen at all, dirt particles may get into the windshield washer fluid tank. The spray nozzles may become clogged.

- Take the screen out only to clean it.
- Replace a damaged or missing screen.

Introduction

The engine oils are determined based on the requirements of the engines, emissions control systems, and the fuel quality. On all combustion engines, the engine oil comes into contact with combustion residue and fuel, which affects the aging of the engine oil. Using the correct engine oil is essential for the function and service life of the engine. The vehicle is filled at the factory with a special multi-purpose, low-viscosity oil that can generally be used year-round.

The vehicle can consume engine oil. The engine oil consumption can vary and can change throughout the service life of the vehicle. Depending on the driving style and the usage conditions, the engine oil consumption can be up to 1 l

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(1 qt) per 2000 kilometers (1200 miles); it can also be higher within the first 5000 kilometers (3100 miles)on new vehicles. Because of this, the engine oil level must be checked regularly and it is best to check the level before long drives.

WARNING

Engine oil gets extremely hot when the engine is running. Failure to take care when handling hot engine oil can cause serious bodily burns. This could result in serious or fatal injuries.

- Always allow the engine to cool down before starting work with the engine oil.

WARNING

Engine oil is poisonous. Contact with engine oil, especially swallowing engine oil, may result in serious or fatal injuries.

- If you swallow engine oil, seek urgent medical help.
- If you have health problems after working with engine oil, seek medical help.
- Always store engine oil in the sealed original container and keep it out of the reach of children. This also applies to used oil until it is disposed.
- Never use empty food cans, bottles, or other containers to store engine oil, because someone could drink the engine oil by mistake.
- Avoid regular contact with engine oil to prevent damage to your skin.
- Protect your skin, face and particularly your eyes when working with engine oil.
- Do not eat, drink or smoke when working with engine oil.
- Wash your skin with soap and water after working with engine oil.

Engine oil that has dripped and spilled can pollute the environment.

- Collect any leaking fluids and dispose of them according to legal and environmental regulations.

Engine oil standards

Vehicles with engine oil label

There is a label on the lock carrier at the front of the hood space that shows which engine oil should be added *→ fig. 1*.

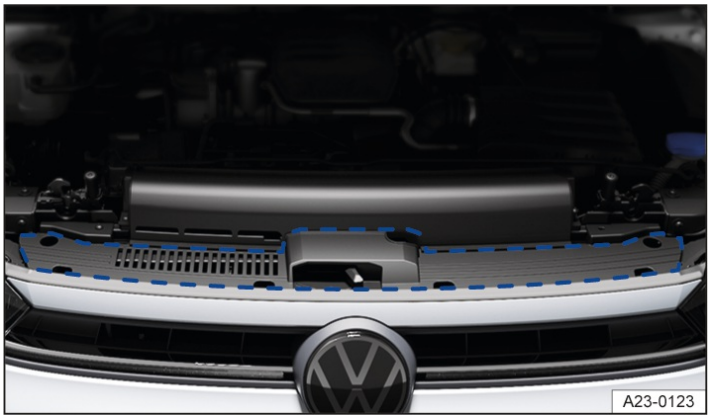


Fig. 1 Area for the engine oil label (general example).

If you need to top up the engine oil, use an oil with the prescribed engine oil standard and engine oil viscosity *→ fig. 2*.

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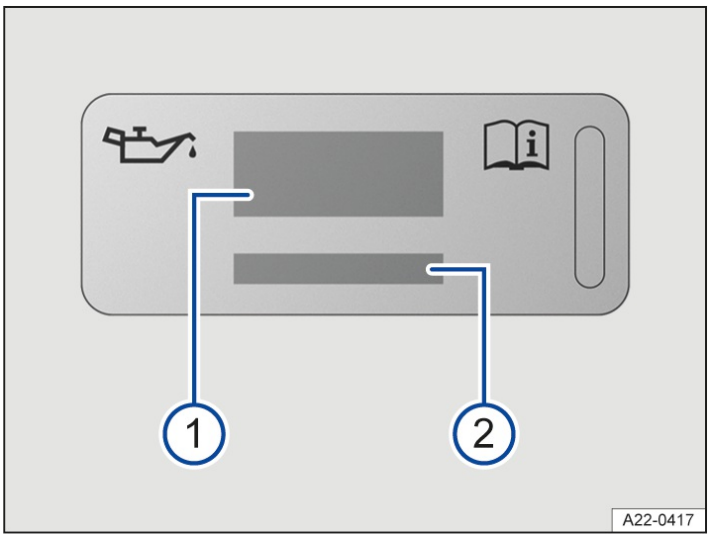


Fig. 2 Engine oil standard and engine oil viscosity label (general example).

(1) Engine oil standard information.

(2) Engine oil viscosity information.

If the prescribed engine oil → *fig. 2* is used, the engine oil level can be corrected any number of times as needed *(→ Engine oil)*.

If no engine oil that meets the prescribed standard is available, you may, in an emergency, top up the engine oil no more than once before your next standard oil change using no more than 0.5 l (0.5 qt) of engine oil that meets the following deviating standards:

— Gasoline engines: VW standard 504 00 andACEA C3, ACEA C4, API SP or ILSAC GF-6A. All viscosity classes in these standards are permitted.

Having the oil change carried out by an authorized Volkswagen dealer or authorized Volkswagen Service Facility is recommended. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Vehicles without an engine oil label

Information regarding the prescribed engine oil standard and engine oil viscosity can be obtained from suitably qualified professionals. If engine oil needs to be topped up, use an engine oil with the prescribed engine oil standard and engine oil viscosity. If the prescribed engine oil is used, the engine oil level can be corrected any number of times as needed *(→ Engine oil)*.

NOTICE

Using engine oils that have not been approved in accordance with the respective VW standard can cause damage to the engine.

- When refilling, only use engine oils that comply with the quality requirements of the respectively applicable VW standard.
- Only if you absolutely must, add max. 0.5 l(0.5 qt) of engine oil that does not comply with the specified engine oil standards.

Volkswagen recommends Volkswagen Genuine oil.

Changing the engine oil

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The engine oil must be changed regularly and in line with the service intervals *(→ Service)*.

Additives in the engine oil can make new engine oil appear dark after a brief engine run time. This is normal and is no reason to change the engine oil more frequently.

WARNING

If care is not taken when changing engine oil, the oil can cause environmental damage, serious burns, or fire. This could result in serious or fatal injuries.

- Always allow the engine to cool down completely before the engine oil change.
- Always wear eye protection for the engine oil change.
- Keep your arms horizontal when using your fingers to unscrew the oil drain plug, so that the draining oil does not drip down your arm.
- Use a container suitable for collecting used oil that can hold at least the entire quantity of oil in the engine.

NOTICE

Changing the engine oil and filter requires special tools and specialist knowledge. Failing to act properly may cause damage to the vehicle.

- For this reason, always have the engine oil and filters changed by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Engine oil can pollute the environment.

- Dispose of the engine oil according to legal and environmental regulations and only at a collection point for used oil, e.g. a recycling center or specialist retailer.

Checking the engine oil level and adding oil

Preparations



Fig. 1 In the hood space: engine oil filler cap (general example).

To avoid an incorrect oil level reading, observe the following steps:

1. With the engine warm from operation, safely park the vehicle on a horizontal and firm surface *(→ Parking)*.
2. Wait at least five minutes for the engine oil to flow back into the oil pan.
3. Open the hood.
4. Find the engine oil filler and the dipstick.

You can identify these by the → *fig. 1* symbol on the engine oil filler cap and the colored handle on the oil

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dipstick.

Checking the engine oil level

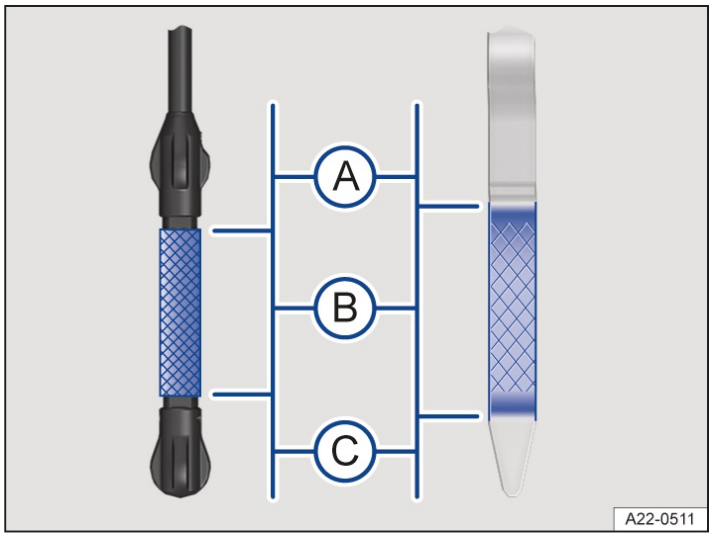


Fig. 2 Engine oil level markings on the oil dipstick (versions).

(A) The engine oil level is too high.

(B) Oil level in the normal range.

(C) The engine oil level is too low.

Only perform these activities in the specified order:

1. Remove the dipstick from the guide tube and wipe the dipstick off using a clean cloth.
2. Reinsert the dipstick into the guide tube and push it all the way in. If there is a marking on the engine oil dipstick, make sure it lines up with the notch at the top of the guide tube, and that the oil dipstick goes all the way in.
3. Remove the dipstick again and read the oil level on the dipstick as described below→ *fig. 2*:

   (A) (A) The engine oil level is too high. If necessary, follow the messages in the instrument cluster display or contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility →⚠.

   (B) Oil level in the normal range. Engine oil can be added up to the upper edge of this area, for example if there is heavy engine load.

   (C) The engine oil level is too low. Add engine oil immediately and, if necessary, pay attention to the messages in the instrument cluster display.
4. After reading the oil level, reinsert the oil dipstick into the guide tube and push it all the way in. If necessary, continue to add engine oil.

For high vehicle loads, for example when driving long distances on highways in the summer or when driving through high mountains, the engine oil level should be in the upper section of the permitted area.

Adding engine oil

⚠ WARNING

When topping up, engine oil can spill out or overflow and can ignite if it comes into contact with engine parts that are hot or can become hot. This may cause burns or a fire. This could result in serious or fatal injuries.

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- Always make sure that the engine oil cap is installed securely on the engine filler opening after adding oil and that the oil dipstick is inserted correctly in the guide tube.
- Always use a suitable filling aid when topping up the engine oil.

Only perform these activities in the specified order → ⚠ → ⓘ:

1. Remove the cap on the engine oil filler → *fig. 1*.
2. Top up the engine oil gradually in small quantities, not more than 0.5 l (0.5 qt) in total, or follow the recommendation in the display of the Volkswagen Digital Cockpit.
3. To avoid overfilling, you must wait at least one minute each time you add engine oil so that the engine oil can flow into the oil pan up to the marking on the oil dipstick.
4. Read the oil level on the dipstick again before adding a little more. Never add too much oil. When you are done adding oil, the oil level should be in the center of area → *fig. 2* (B).
5. If you accidentally add too much engine oil and the engine oil level is in the area above → *fig. 2* (A), do not start the engine → ⓘ. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.
6. Close the cap on the engine oil filler when you are done adding engine oil → *fig. 1*.
7. Close the hood.

NOTICE

Starting the engine with the engine oil level too high after refilling can cause engine damage.
- Do not start the engine, and seek professional assistance.

NOTICE

Using incorrect fluids can result in malfunctions and engine damage.
- When topping up fluids, make sure the correct fluids are added to the correct reservoirs.

Displaying the service information in the Infotainment system

When the ignition is on, the engine is off and the vehicle is stationary, the current service due date can be checked here: *(→ Service interval display)*.

After a service has been carried out, the service notification is updated after approximately five days or a distance driven of approximately 500 km (311 miles). Until then, the screen of the Infotainment system will showInspection --- km / --- days Oil change: in --- km / --- days.

Volkswagen recommends using the approved engine oils in accordance with the respective VW standard.

If you are not sure where the cap and the oil dipstick are located, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Troubleshooting

Engine oil pressure too low

The red warning light blinks. A message is shown in the instrument cluster display.

STOP Do not continue driving! Engine damage could result.

1. Stop the vehicle as soon as it is safe to do so *(→ Parking)*

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1. Stop the vehicle as soon as it is safe to do so *(→ Parking)*.
2. Stop the engine.
3. Check the engine oil level *(→ Engine oil)*.
4. If the warning light flashes, do not continue driving or let the engine run, even if the oil is at the correct level. Engine damage could result. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

Engine oil level very low

The red warning light blinks. A message is shown in the instrument cluster display.

Do not continue driving! Engine damage could result.

1. Stop the vehicle as soon as it is safe to do so *(→ Parking)*.
2. Stop the engine.
3. Check the engine oil level *(→ Engine oil)*.
4. If necessary, top up the engine oil gradually in small quantities(not more than 0.5 l (0.5 qt) in total)or observe the top-up recommendation in the display of the Volkswagen Digital Cockpit.
5. If the warning light lights up, do not continue driving or let the engine run, even if the oil is at the correct level. Engine damage could result. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

Engine oil level too low

The yellow indicator light turns on. A message is shown in the instrument cluster display.

1. Stop the vehicle as soon as it is safe to do so *(→ Parking)*.
2. Stop the engine.
3. Check the engine oil level *(→ Engine oil)*.
4. If necessary, top up the engine oil gradually in small quantities(not more than 0.5 l (0.5 qt) in total)or observe the top-up recommendation in the display of the Volkswagen Digital Cockpit.
5. If the indicator light comes on, do not continue driving or let the engine run, even if the oil is at the correct level. Engine damage could result. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

Engine oil level too high

The yellow indicator light turns on. A message is shown in the instrument cluster display.

1. Stop the vehicle as soon as it is safe to do so *(→ Parking)*.
2. Stop the engine.
3. Check the engine oil level *(→ Engine oil)*.
4. If the engine oil level is too high, do not drive any further or leave the engine running. Engine damage could result. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

or Engine oil system malfunction

The indicator light flashes yellow. A message is shown in the instrument cluster display.

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1. Contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Introduction

Only perform work on the engine cooling system if you are familiar with the necessary activities and the general safety precautions, and if the correct operating equipment, fluids and suitable tools are available. Work performed incorrectly can result in serious injuries →⚠. Have all work performed by suitably qualified professionals if necessary. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

Engine coolant is poisonous. Contact with coolant, especially swallowing coolant, may result in serious or fatal injuries.

- If you swallow coolant, seek urgent medical help.
- If you have health problems after working with coolant, seek medical help.
- Always store engine coolant out of the reach of children and only within the sealed original container.
- Never use empty food cans, bottles, or other containers to store engine coolant, because someone could drink the engine coolant by mistake.
- Avoid regular contact with coolant to prevent damage to your skin.
- Protect your skin, face, and particularly your eyes when working with coolant.
- Do not eat, drink, or smoke when working with coolant.
- Wash your skin with soap and water after working with coolant.

⚠ WARNING

In extremely low temperatures, the coolant can freeze and the vehicle could break down. This can cause the heating to stop working in the vehicle. Vehicle occupants could die of exposure if they do not have sufficient warm clothing.

- Make sure that the quantity of coolant additive is adjusted to the lowest expected ambient temperature in which the vehicle is operating.
- Only use coolant additive approved by the manufacturer.

Coolant and coolant additives can pollute the environment.

- Collect any leaking fluids and dispose of them according to legal and environmental regulations.

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Engine coolant specifications

The cooling system is filled at the factory with a mixture of specially prepared water and at least 40% coolant additive G12evo (TL 744-L).

The proportion of coolant additive must always be at least 40% to protect the engine cooling system. If greater freeze protection is needed due to the climate, the proportion of coolant additive can be increased. However, the proportion of coolant additive must not exceed 55 %, because otherwise the freeze protection will be reduced and the cooling effect will be decreased.

The engine coolant additive can be recognized by its violet color. The mixture of water and coolant additive provides freeze protection down to approx. -25 °C (approx. -13 °F), protects the light-alloy parts in the cooling system against corrosion, prevents calcium deposits and significantly increases the boiling point of the coolant.

If the engine coolant is being topped up, a blend of distilled water and at least 40% of the G12evo engine coolant additive must be used to ensure optimum corrosion protection →.

NOTICE

The coloring of the engine coolant results from the mixture of the purple coolant additive and distilled water. If the fluid in the coolant expansion tank is not purple, but another color, e.g. brown, the appropriate coolant has been mixed with another coolant that is not suitable. This may result in serious malfunctions or damage to the drive and cooling system.

- Only use coolant additive approved by the manufacturer.
- If the coolant turns brown, have it changed immediately by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never mix original Volkswagen coolant additives with coolant additives that are not approved by Volkswagen when topping up.

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Checking and filling engine coolant

Preparations

1. Safely park the vehicle on a horizontal and firm surface *(→ Parking)*.
2. Allow the engine to cool →⚠.
3. Open the hood.

The coolant expansion tank can be identified by the red symbol on the cap → *fig. 1*.



Fig. 1 In the hood space: cap of the coolant expansion tank (general example).

⚠ WARNING

Escaping hot steam or hot coolant and hot components may cause serious burns.

- Never open the hood if you can see or hear steam or coolant escaping from the hood space.
- Always wait until you can no longer see or hear steam or engine coolant escaping from the hood space.

⚠ WARNING

The engine cooling system is under pressure when the engine is hot. If the cover is opened carelessly, coolant may spray out and cause serious burns or fatal injuries.

- Never open the cap of the coolant expansion tank when the engine is hot.
- Always protect your face, hands and arms from hot coolant or steam with a large, thick cloth if you have to open the cap of the coolant expansion tank.
- Slowly and very carefully turn the cap of the coolant expansion tank counterclockwise while pressing down lightly on the cap.

Checking the coolant level

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Fig. 2 In the hood space: markings on the coolant expansion tank (general example).

When new vehicles are delivered or after repairs to the cooling system, the coolant level may be above the marked area. This is normal. The coolant does not need to be extracted.

The coolant level cannot be checked exactly for every model, because the view of the fluid level in the coolant expansion tank may be obstructed. If you cannot read off the engine coolant level accurately, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

1. When the engine is cold, check the coolant level using the markings on the side of the coolant expansion tank → *fig. 2*. The coolant level must be between the markings.
2. If the fluid level in the coolant expansion tank is below the minimum mark (“min”), ensure that the coolant is topped up. When the engine is warm, the engine coolant level may be slightly above the upper marking.
3. If coolant is no longer visible in the coolant expansion tank, do not add coolant→ⓘ.

Filling the coolant

1. Carefully unscrew the cap →⚠.
2. Only add new coolant that conforms to the Volkswagen specification up to as far as the upper fill level marking. *(→ Engine coolant)*. After topping up the coolant, the coolant level must be between the markings on the coolant expansion tank → *fig. 2*.
3. Install the cap securely.
4. Check the coolant level after one day. If the fill level of the coolant expansion tank drops below the minimum marking (“min”) again, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the cooling system checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

If there is no engine coolant available that conforms to the required specification, initially only top up with distilled water. Then have the correct mixture ratio using the specified coolant additive restored as soon as possible by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility →ⓘ.

NOTICE

Coolant expands when it heats up. If coolant is topped up above the marked level, excess coolant may leak out and cause damage to the vehicle.

- Do not refill the system with coolant above the upper edge of the marked area of the coolant expansion tank.

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NOTICE

If there is no more coolant in the coolant expansion tank, air can get into the cooling system. This could result in damage to the engine.

- Do not continue driving.
- Do not top up the coolant.
- See an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

NOTICE

The chemical components contained in water that is not distilled can cause considerable corrosion damage in the engine. This can cause engine malfunctions.

- Only use distilled water for refilling the system!
- If you have added water that is not distilled, have the fluid in the cooling system changed completely by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

NOTICE

The use of incorrect fluids can cause serious malfunctions and damage to the engine.

- When filling or changing fluids, make sure the correct fluids are added to the corresponding reservoirs.

Troubleshooting

Engine coolant

The red warning light blinks. The coolant temperature is too high or the coolant level is too low.

Do not continue driving! Engine damage could result.

1. Stop the vehicle as soon as it is safe to do so *(→ Parking)*.
2. Stop the engine.
3. Allow the engine to cool.
4. Check the coolant level on the coolant expansion tank *(→ Engine coolant)*.
5. If the warning light does not turn off, do not continue driving or let the engine run, even if the engine coolant is at the correct level.
6. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

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Introduction

Brake fluid absorbs moisture from the air over the course of time. Too much water in the brake fluid causes damage to the brake system. Water lowers the boiling point of the brake fluid. If the water content in the brake fluid is too high, vapor lock may form in the brake system during heavy braking and full braking. Vapor lock reduces the braking efficiency, increases the braking distance considerably, and can lead to a total failure of the brake system. Your own safety and the safety of others on the road depends on your brake system functioning correctly at all times.

WARNING

Brake fluid is poisonous. Contact with brake fluid – in particular, if brake fluid is swallowed – may result in serious injury or death.

- If you swallow brake fluid, seek urgent medical help.
- If you have health problems after working with brake fluid, seek medical help.
- Always store brake fluid out of the reach of children and only within the sealed original container.
- Never use empty food cans, bottles, or other containers to store brake fluid, because someone could drink the brake fluid by mistake.
- Avoid regular contact with brake fluid to prevent damage to your skin.
- Protect your skin, face, and particularly your eyes when working with brake fluid.
- Do not eat, drink, or smoke when working with brake fluid.
- Wash your skin with soap and water after working with brake fluid.

NOTICE

Spilled or leaking brake fluid will damage the vehicle's surfaces. The vehicle's paint, plastic parts, and tires may be damaged.

- Immediately wipe up any spilled or leaking brake fluid that comes into contact with vehicle components.
- Then rinse all vehicle parts with plenty of water.

Brake fluid can pollute the environment.

- Collect any leaking fluids and dispose of them according to legal and environmental regulations.

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Brake fluid specifications

Volkswagen has developed a special brake fluid that is optimized for the vehicle's brake system. For optimum performance of the brake system, Volkswagen recommends only using brake fluid that complies with the VW standard 501 14.

Before using brake fluid, check that the brake fluid specification on the bottle matches the vehicle requirements.

Brake fluid that complies with the VW standard 501 14 can be obtained from an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

If this type of brake fluid is not available and it is therefore necessary to use a different high-quality brake fluid instead, a brake fluid that meets the requirements of DIN

ISO 4925 or the US standard FMVSS 116 DOT 4 CLASS 6 can be used.

Not all brake fluids that comply with the requirements of DIN ISO 4925 or US Standard FMVSS 116 DOT 4 CLASS 6 have the same chemical composition. Some of these brake fluids can contain chemicals that can destroy or damage components of the vehicle brake system over time.

Brake fluid that complies with the VW standard 501 14 meets the requirements of DIN ISO 4925 or the US Standard FMVSS 116 DOT 4 CLASS 6.

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Checking the Brake Fluid

Preparations

1. Safely park the vehicle on a horizontal and firm surface *(→ Parking)*.
2. Open the hood.

Checking the Brake Fluid Level



Fig. 1 In the hood space: Cap on the brake fluid reservoir.

The brake fluid reservoir can be recognized by its cap→ *fig. 1*.

The brake fluid level cannot be checked precisely on all models because the hood or engine components may obstruct the view of the fluid level in the reservoir.

— If you cannot read the brake fluid level clearly, see an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

— If the brake fluid level is not between the min. and max. marking on the brake fluid reservoir, Volkswagen recommends consulting an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance →⚠.

The brake fluid level decreases slightly when the vehicle is being used as the brake pads wear and the brakes automatically adjust themselves.

⚠ WARNING

A low brake fluid level or unsuitable brake fluid may cause the brakes to fail or may reduce braking efficiency. Accidents and serious or fatal injuries could result.

- Have the brake system and brake fluid level checked regularly.
- Be sure to use the correct brake fluid.
- Only use brake fluid that expressly complies with the VW standard 501 14.
- Only use a high-quality brake fluid that complies withDIN

  ISO 4925 CLASS 6 or the US standard FMVSS 116 DOT 4 in the exceptional case that a brake fluid that conforms to VW standard 501 14 is not available.

●

Changing brake fluid

An authorized Volkswagen dealer or authorized Volkswagen Service Facility can provide information about the interval for changing the vehicle brake fluid. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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— Have the brake fluid changed regularly.

— Only have brake fluid added that meets the required specifications.

WARNING

Vapor lock may occur in old brake fluid due to absorbed moisture during hard braking, reducing braking efficiency and potentially causing total brake failure. Accidents and serious or fatal injuries could result.

- Have the brake fluid changed regularly.
- Only have new brake fluid added.

Troubleshooting

Brake fluid level

The red warning light turns on. The brake fluid level is too low.

Do not continue driving! This could result in the brake failing.

1. Stop the vehicle immediately as soon as it is safe to do so *(→ Parking)*.
2. Check the brake fluid level.
3. If the brake fluid level is too low, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Introduction

The 12-volt vehicle battery is a component of the electrical system and serves to supply energy to the vehicle. During maintenance procedures, the 12 V vehicle battery is checked and replaced if necessary.

You may only perform procedures on the electrical system yourself if you are familiar with the necessary activities and the general safety precautions, and if the correct operating equipment and fluids and suitable tools are available. Work performed incorrectly can result in serious injuries →⚠.

Information about warning and indicator lights can be found in the troubleshooting section at the end of the chapter *(→ 12-V vehicle battery)*.

Battery switch-off in an accident with triggering of the airbag

In vehicles with a 12 V vehicle battery in their vehicle interior or luggage compartment, the electrical connection to the 12 V vehicle battery is pyrotechnically disconnected in an accident with airbag deployment. This prevents a short circuit. For more information on the installation location of the vehicle battery, refer to section *(→ 12-V vehicle battery)*.

Detailed warnings for the 12 V vehicle battery

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 forms when charging the 12 V vehicle battery.

Always keep children away from battery acid and the 12 V vehicle battery.

Always heed the Owner's Manual.

⚠ WARNING

Performing work on the 12 V vehicle battery and the electrical system can cause serious injuries, fires, or electric shocks. This could result in serious injuries.

- Always read and follow the warning information on the 12 V vehicle battery.
- Before performing any work on the 12 V vehicle battery, switch off the ignition and all electrical equipment and disconnect the 12 V battery negative cable.
- Always keep children away from battery electrolyte and the 12 V vehicle battery.
- When handling 12 V vehicle batteries, always protect your hands, arms, and face from spraying battery acid.
- Always wear eye protection and safety gloves.
- Never short circuit the battery terminals.
- Have all work performed by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

When work is carried out on the 12 V vehicle battery, a highly explosive, flammable gas mixture builds up. Sparks could form and ignite the flammable gas that is released by the 12 V vehicle battery. This can result in serious injury or death.

- Always keep fires, sparks, open flames, and lit cigarettes far away from the 12 V vehicle battery.
- Avoid creating sparks when working with wires and electrical equipment or when discharging static electricity.

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NOTICE

UV rays can damage the battery housing.

- Do not expose the 12 V vehicle battery to direct sunlight for a long period of time.

NOTICE

The 12 V vehicle battery could freeze and be destroyed.

- Protect the 12 V vehicle battery against freezing temperatures if the vehicle is parked for long periods of time.

System settings after a battery change

If the 12 V vehicle battery is replaced or after a successful jump-start, system settings may be changed or deleted.

1. Check the date and time and adjust them if necessary.
2. Check personal convenience settings and adjust and save them as necessary.

12 V vehicle batteries can contain toxic substances such as sulfuric acid and lead. Dispose of the 12 V vehicle battery according to legal and environmental regulations and only at a collection point for old batteries, e.g. a recycling center or specialist retailer.

Battery acid can pollute the environment. Collect any leaking fluids and dispose of them according to legal and environmental regulations.

Checking the 12 V vehicle battery acid level

The 12 V vehicle battery does not require any maintenance.

Check the acid level of the 12 V vehicle battery regularly if mileage is high, in countries with warm climates, or if the 12 V vehicle battery is old. Otherwise, the 12 V vehicle battery is maintenance-free.

12 V vehicle battery location

The 12 V vehicle battery is located in the hood space.

Preparations

1. Prepare the vehicle for work in the hood space.
2. Wear suitable eye protection and safety gloves.
3. Open the hood.

Checking the battery acid level

WARNING

Battery acid is corrosive. Contact with battery acid, especially swallowing battery acid, can result in serious burns.

- Never open a 12 V vehicle battery.
- Never tilt the 12 V vehicle battery. Acid can leak out of the vent openings.
- Protect your skin, face, and particularly your eyes when working with the 12 V vehicle battery.
- Do not eat, drink, or smoke when working on the 12 V vehicle battery.
- Wash your skin with soap and water after working on the 12 V vehicle battery.
- If acid comes into contact with your skin or hair, remove all soiled or wet clothing and wash your skin and hair with water. Consult a doctor.

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- If acid comes into contact with your eyes, rinse the affected area carefully with water for several minutes. Then consult a doctor immediately.
- If you swallow battery acid, immediately drink plenty of water and swallow activated charcoal. Consult a doctor immediately.
- If you have inhaled acid vapors, leave the hazard area and breathe in fresh air. Consult a doctor immediately.

⚠ WARNING

When work is carried out on the 12 V vehicle battery, a highly explosive, flammable gas mixture builds up. Sparks could form and ignite the flammable gas that is released by the 12 V vehicle battery. This can result in serious injury or death.

- Always keep fires, sparks, open flames, and lit cigarettes far away from the 12 V vehicle battery.
- Avoid creating sparks when working with wires and electrical equipment or when discharging static electricity.

Depending on the vehicle equipment, an additional bracket must be removed to see the viewing window. An additional tool that is not available in the vehicle tool kit is required to do this. Always have the acid level of the 12 V vehicle battery checked by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

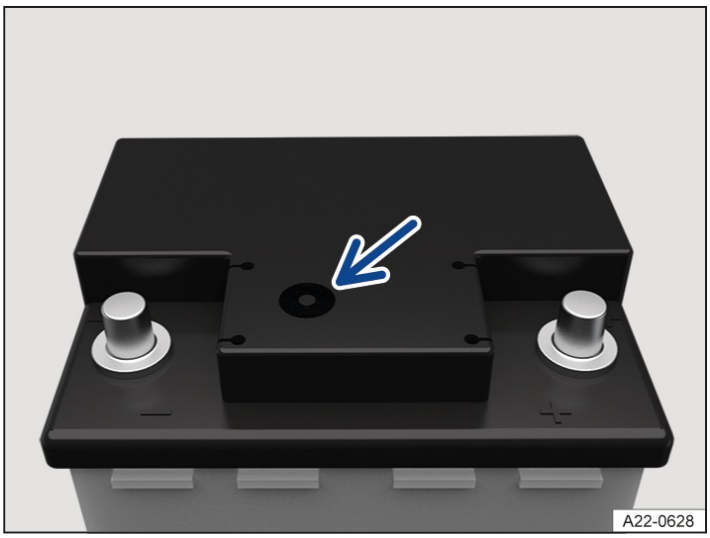


Fig. 1 On the top of the 12 V vehicle battery: Window (general example).

Make sure there is enough lighting to clearly see the color indicator in the circular window on the top of the 12 V vehicle battery → *fig. 1*.

Light yellow or *colorless*

— The 12 V vehicle battery acid level is too low. Have the 12 V vehicle battery replaced by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Black

— The 12 V vehicle battery acid level is OK.

The acid level of 12 V vehicle batteries labeledAGM

cannot be checked for technical reasons. Suitably qualified professionals can inspect the battery. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Charging, replacing, disconnecting, or connecting the 12 V vehicle battery

If you suspect that the 12 V vehicle battery is damaged or malfunctioning, see suitably qualified professionals to have the 12 V vehicle battery checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Charging the 12 V vehicle battery

The 12 V vehicle battery should be charged by suitably qualified professionals because the 12 V vehicle battery that is installed at the factory requires a charging process where the voltage is limited →⚠. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Replacing the 12 V vehicle battery

The 12 V vehicle battery is designed to fit the location where it is installed and is equipped with safety features. If a 12 V vehicle battery needs to be replaced, have the replacement part fitted by qualified professionals. Check with qualified professionals to find out the component information regarding size and the required maintenance, performance, and safety features. They must possess the necessary technical documentation and equipment. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility. The vent opening on the 12 V vehicle battery must always be located on the negative terminal side. The vent opening on the positive terminal side must always be sealed →⚠.

Only use a maintenance-free 12 V vehicle battery that conforms to the TL 825 06 and VW 7 50 73 standards. These standards must be from October 2014 or later.

Always have the 12 V vehicle battery replaced by qualified professionals because the vehicle electronics must be adapted as part of the replacement. Only qualified professionals have the necessary equipment to perform the adaptation and have access to the correct replacement batteries.

Disconnecting the 12 V vehicle battery

If the 12 V vehicle battery must be disconnected from the vehicle electrical system, note the following:

1. Switch off all electrical consumers.
2. Unlock the vehicle before disconnecting the battery. Otherwise, the anti-theft alarm system will be triggered.
3. Disconnect the negative cable first, and then the positive cable →⚠.

Connecting the 12 V vehicle battery

If the 12 V vehicle battery must be connected to the vehicle electrical system, note the following:

1. Switch off all electrical consumers.
2. Connect the positive cable first, and then the negative cable →⚠.

Various indicator lights may turn on after connecting the 12 V vehicle battery and switching the ignition on. They will turn off after driving a short distance at a speed of approx. 15 to 20 km/h (approx. 10 to 12 mph). If the indicator lights light up and remain on, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility and have the vehicle checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

If the 12 V vehicle battery was disconnected for a long period of time, the next scheduled maintenance may not display correctly or it may not be calculated correctly *(→ Service interval display)*. Follow the maximum permissible service intervals .

Vehicles with a starter button: If the ignition cannot be switched on after connecting the 12 V vehicle battery, carry out the following activities:

1. Lock and unlock the vehicle from the outside.
2. Try to switch the ignition on again.
3. If the ignition will not switch on, see an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

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Automatic equipment deactivation

If the ignition is switched on for a very long time when the engine is off or the parking light is switched on when parking for a very long time, the intelligent power management cannot always prevent the 12 V vehicle battery from being drained.

If the 12 V vehicle battery is under a heavy load, the intelligent power management will automatically begin certain measures to prevent the 12 V vehicle battery from draining.

— The idle speed will be increased so that the alternator delivers more power.

— If necessary, equipment that uses a lot of power will have its performance limited or will be switched off.

— The power supply to the 12 V socket will be interrupted temporarily when the engine is started.

12 V Vehicle Battery Draining

If the battery is drained, it may not be possible to start the engine. The 12 V vehicle battery will be drained in the following situations:

— If the vehicle is parked for long periods of time without running the engine, especially if the ignition is on.

— If electrical equipment is used when the ignition is switched off.

⚠ WARNING

Use of a 12 V vehicle battery that does not have identical specifications and dimensions to the 12 V vehicle battery that was installed at the factory may cause short circuits or fire. This could result in serious or fatal injuries.

- Always use a maintenance-free and leak-proof 12 V vehicle battery that has the same characteristics, specifications, and dimensions as the 12 V vehicle battery that was installed at the factory.

⚠ WARNING

Fitting 12 V vehicle batteries incorrectly may cause short circuits or fire. This could result in serious or fatal injuries.

- Always attach the 12 V vehicle battery to the attachment points provided in the vehicle.
- Replace all covers that are required for the vehicle back on the battery.

⚠ WARNING

A highly explosive mixture of oxyhydrogen can form when charging the 12 V vehicle battery. Sparks or naked flames could ignite the gas mixture. This could cause serious burns.

- Only charge 12 V vehicle batteries in well-ventilated areas.
- Keep sparks and naked flames away from the 12 V vehicle battery.

⚠ WARNING

If the degassing tube is not attached to the 12 V vehicle battery correctly, the highly explosive gas mixture that builds up when the vehicle is running may enter the vehicle interior. The flammable gas could ignite and cause serious injuries or death.

- For vehicles with the 12 V vehicle battery in the vehicle interior or luggage compartment, ensure that the degassing hose is connected to the 12 V vehicle battery correctly. The degassing hose must always be connected to the negative terminal side of the 12-volt vehicle battery.
- Always ensure that the opening on the positive terminal side of the 12 V vehicle battery is capped.

⚠ CAUTION

A drained 12 V vehicle battery can freeze at temperatures around 0 °C (+32 °F). Acid can escape from a frozen and defrosted 12 V vehicle battery. This can cause injuries and long-term damage to the vehicle.

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- Never charge a frozen or thawed 12 V vehicle battery.
- Always replace the 12 V vehicle battery if it freezes.

CAUTION

Cables that are connected incorrectly can cause a short circuit. This could damage the on-board electronics and result in serious injuries.

- Connect the positive cable first and then the negative cable.

NOTICE

If the 12 V vehicle battery is connected or disconnected when the ignition is switched on or the engine is running, this could damage the electrical system or electronic components, resulting in electrical malfunctions.

- Never connect or disconnect the 12 V vehicle battery when the ignition is on or the engine is running.

NOTICE

If accessories that provide power for charging the 12 V vehicle battery are connected to the 12 V socket, this could damage the electrical system or electronic components, resulting in electrical malfunctions.

- Never connect accessories that provide power, such as solar panels or battery chargers, to the 12 V socket in order to charge the 12 V vehicle battery.

Troubleshooting

12-volt power supply

The red warning light turns on.

Do not continue driving! Possible failure of the electrical system.

A message is shown in the instrument cluster display.

1. Stop the vehicle immediately and park it safely.
2. Turn off electrical equipment that is not needed.
3. Stop the engine and switch the ignition off.
4. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

If the red warning light comes on, the start-stop system is switched off. The start-stop system will only be automatically switched on again after the engine is restarted.

12-volt power supply

The yellow indicator light turns on.

A message regarding the battery charge level of the 12 V vehicle battery is shown in the instrument cluster display.

1. Let the engine run so that the 12 V vehicle battery can be recharged.
2. If the message about the battery charge level of the 12 V vehicle battery does not turn off after a few minutes despite the measures having been taken, then contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

A message regarding the 12 V power supply is shown in the instrument cluster display.

1. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

If the yellow indicator light lights up, the start-stop system will not be able to start the engine. If the yellow indicator light has turned off, the 12 V vehicle battery has a sufficient battery charge level to automatically restart the engine.

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Introduction

Wheels are the parts of the vehicle that are under the most demand, yet are also the most underestimated. Wheels are very important because the narrow contact surfaces of the tires are the only contact that the vehicle has with the road.

The tire and rim combinations approved by Volkswagen are specifically designed for each other.

The service life of the tire depends on the tire pressure, the driving style, the way the tires are handled, and correct mounting of the tire.

Rims, tires and wheel bolts

Rims, tires, and wheel bolts are determined based on the vehicle model. Whenever another rim is installed, the wheel bolts to be used must have the correct length and bolt head shape. This ensures that the brakes can work correctly and that the vehicle drives smoothly and safely. For technical reasons, standard rims from other vehicles cannot be used. Under certain circumstances, this may even apply to rims for the same vehicle model. You must consult a suitably qualified professional to replace rim/tire combinations. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

The correct wheel bolts must always be used for each vehicle model, and these bolts must always be tightened to the correct torque *(→ Wheel bolts)*.

⚠ WARNING

Incorrect handling of wheels can reduce driving safety and cause serious accidents and fatal injuries.

- Regularly check the tire pressure when the tires are cold and always maintain the specified pressure *(→ Tire pressure)*. If the tire pressure is too low, the tire can heat up so much while driving that the tread separates or the tire ruptures.
- Check the tires regularly for damage and wear.
- Never exceed the maximum permissible speed and tire load specified for the tires fitted to your vehicle.
- For all four wheels, use only radial tires of the same design, size(rolling circumference), and tread pattern.
- While driving, if unusual vibrations can be heard or the vehicle pulls to one side, stop immediately and check the wheels and tires for damage.
- Never loosen the bolts on rims with a bolted rim ring.

⚠ WARNING

New tires or tires that are old, worn, or damaged cannot provide the maximum vehicle control and braking effect. This can cause accidents and fatal injuries.

- Break in new tires because they have reduced traction and braking efficiency when they are new. Therefore drive carefully for the first 600 km (370 miles).
- Never drive with tires that are worn or damaged, e.g. punctured, cut, cracked, or bulging.
- While driving, if unusual vibrations can be heard or the vehicle pulls to one side, stop immediately and check the wheels and tires for damage.
- Do not use any tires or rims if you do not know how they have been used in the past. Used tires and rims may be damaged in a way that may not even be visible.
- Only use tires that are more than six years old if absolutely necessary and drive with extreme caution if doing so, even if the tires have never been used.
- Replace worn or damaged tires immediately.

⚠ WARNING

If the wheel bolts are not tightened enough to meet the specification, the wheel bolts and consequently the wheel could come loose while driving. Exceeding the tightening specification could damage the wheel bolts and threads. Wheel bolts that are tightened incorrectly or missing could cause you to lose control of the vehicle and lead to serious accidents and fatal injuries.

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- Always tighten the wheel bolts to the correct tightening torque. If you do not have a torque wrench, tighten the wheel bolts with the lug wrench and then have the tightening torque checked as soon as possible by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never drive with missing or loose wheel bolts.
- Always use wheel bolts that are correct for the rim and the vehicle model.
- Never grease or oil the wheel bolts and the threads in the wheel hub. Even when tightened to the specification, the wheel bolts could become loose while driving.
- Ensure the wheel bolts and threads in the wheel hubs are clean, easy to move and free of oil and grease.
- Never loosen the bolts on rims with a bolted rim ring.

⚠ WARNING

Improper installation of the tires on the rim can result in damage to the rim and cause tires to suddenly lose air or go flat while driving.

This can cause accidents and fatal injuries.

- Always have tires installed on the rim by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Handling tires

Preventing damage to the tires

— Always drive over curbs and other low obstacles slowly and at a right-angle so that both front wheels come into contact with the obstacle at the same time.

— Check the tire pressure regularly.

— Check tires regularly for damage, e.g. punctures.

— Never exceed the load index and maximum speed of the tire *(→ Tire labeling and tire classifications)*.

— Have damaged or worn rims replaced immediately .

— Protect tires from coming into contact with corrosive materials such as grease, oil, gasoline, and brake fluid→ ⚠.

— Replace missing dust caps on the valves immediately.

— Remove any objects provided they have not punctured the inside of the tire .

— Pay attention to all warnings issued by the Tire Pressure Monitoring System *(→ Tire Pressure Monitoring System)* .

⚠ WARNING

Corrosive fluids and materials can cause visible and invisible damage to the tires, which can cause the tires to fail.

This can cause accidents and fatal injuries.

- Always keep chemicals, oils, grease, fuel, brake fluid, and other corrosive materials away from the tires.

Storing tires

— Only store tires in a cool, dry location that is as dark as possible.

— Do not stand tires that are mounted on rims up vertically.

— Protect tires that are not mounted on rims from dirt with suitable covers and store them standing on the tread surface.

Tires that are more than six years old

Tires age due to physical and chemical processes that affect their function. Tires that have been stored and unused for long periods of time age more quickly than tires that are used continuously.

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Volkswagen recommends replacing tires that are more than six years old with new tires. This even applies to tires that may appear to be usable and whose tread depth is still greater than the minimum requirement →⚠.

Winter and all season tires lose their characteristics to a large extent due to aging, regardless of the remaining tread depth.

The age of the tire can be determined based on the production date *(→ Tire labeling and tire classifications)*.

⚠ WARNING

Old tires can suddenly lose air or rupture, particularly at high speeds.
This can cause accidents and fatal injuries.

- Only use tires that are more than six years old if absolutely necessary and drive with extreme caution if doing so, even if the tires have never been used.

New tires

— Drive particularly carefully during the first 600 km(370 mi) with new tires because they must be broken in. Tires that have not yet been broken in have reduced gripping abilities and braking efficiency →⚠.

— Only use tires with the same design and as close to the same construction, size(rolling circumference) and tread pattern as possible on all four wheels.

— The tread depth of new tires may vary between tire models and manufacturers due to different design features and tread designs.

⚠ WARNING

New tires must be broken in because they have reduced traction and braking efficiency when they are new.
This could cause you to lose control of the vehicle and lead to serious accidents and fatal injuries.

- Break in new tires. Drive carefully for the first 600 km(370 miles).

The size specifications for new tires may vary significantly from the actual tire dimensions for different tire brands.

Replacing tires

— At the factory, the vehicle can be equipped with reduced rolling resistance tires. The specified fuel consumption values can only be achieved using these tires. When purchasing new tires, always make sure the tires are optimized for rolling resistance *(→ Eco tips)*.

— Before buying new reduced rolling resistance tires, seek advice from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

— At a minimum, replace both tires on a single axle.

— Only replace old tires with tires that have been approved by Volkswagen for your vehicle model.

— Never use tires whose size exceeds the measurement of tires that are approved by Volkswagen→⚠.

Volkswagen Genuine tires

At the factory, the vehicle can be equipped with Volkswagen Genuine tires. These tires are marked with the⊕ symbol and are specially adapted for this vehicle. Volkswagen Genuine tires fulfill the highest standards of safety and driving characteristics when used appropriately.

Recalibrating the Tire Pressure Monitoring System

The Tire Pressure Monitoring System must be recalibrated each time one or more wheels is replaced. This also applies if the tires are rotated, for example from front to back *(→ Tire Pressure Monitoring System)*.

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WARNING

Wheels must have enough clearance from vehicle components. If there is not enough clearance, tires could rub against components of the suspension, the body, and the brake lines.

This may cause the brake system to fail, the tread to separate, and the tire to rupture, resulting in serious accidents and fatal injuries.

- Only use tires with dimensions that do not exceed the dimensions of the tire brands approved by Volkswagen and that do not rub against other components of the vehicle.

WARNING

Dirt can damage the valves and introduce leaks, causing the tire to lose air.

If the tire pressure is too low, the tire can heat up so much while driving that the tread separates or the tire ruptures, which in turn can lead to serious accidents and/or fatal injuries.

- Never drive without caps on the valves.

NOTICE

Driving over potholes and curbs can cause the tires to become deformed.

Damage to the tires and rims can result.

- Avoid strong impacts and drive around obstacles where possible.

NOTICE

The valves may be damaged by dirt.

- Never drive without caps on the valves.

NOTICE

The valves can be damaged when replacing wheels.

- Do not let wheels that you have removed fall on the rim.

Always dispose of old tires correctly and according to regulations.

If the spare wheel is different from the regular vehicle wheels, e.g. in the case of winter tires or a temporary spare wheel, only use the spare wheel temporarily and in the event of a breakdown, and drive especially carefully. Replace the compact spare wheel with a regular wheel as soon as possible.

Using tires approved by Volkswagen ensures that the dimensions will fit correctly on your vehicle. If other tires are used, the seller must provide a certificate from the tire manufacturer stating that the tires are suitable for the vehicle. Keep the certificate stored safely in the vehicle.

Handling rims

Preventing damage to the rims

— Missing hubcaps can cause damage to the rims and wheel bolts.

Always install missing hubcaps before driving.

— Always drive over curbs and other low obstacles slowly and at a right-angle so that both front wheels come into contact with the obstacle at the same time.

— Replace missing dust caps on the valves immediately.

— Check the tire pressure regularly.

Rims with bolted rim ring or accent elements

Rims with a bolted rim ring or accent element consist of multiple pieces. These pieces are connected together with

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special bolts. Damaged rims must be replaced and may only be repaired by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Rim identification

In some countries, new rims must include information about certain properties. The following information may be on the rim:

— Seal of conformity

— Rim size

— Manufacturer or brand name

— Production date (month/year)

— Country of origin

— Serial number

— Raw material batch number

— Commodity code

⚠ WARNING

Using unsuitable or damaged rims can impair driving safety and cause accidents and serious injuries.

- Only use rims permitted for the vehicle.
- Check the rims regularly for damage and replace them if necessary.

⚠ WARNING

Loosening and tightening bolts incorrectly on rims with bolted rim rings can cause severe accidents and death.

- Never loosen the bolts on rims with a bolted rim ring.
- Have all procedures on rims with bolted rim rings performed by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Checking the tire pressure

Incorrect tire pressures negatively affect vehicle handling and can cause increased tire wear or even a flat tire→ ⚠. Above all, the correct tire pressure is especially important when driving at high speeds.

— Check the tire pressure at least once a month.

— Check the tire inflation pressure of the spare wheel or compact spare wheel at least once a month.

— Check the tire pressure only when tires are cold. The specified tire pressure only applies to a cold tire. The tire pressure on warm tires is higher than on cold tires. Therefore, never release air from a warm tire to adjust the tire pressure.

— Always adjust the tire pressures to the vehicle load→ *fig. 2*.

— After adjusting tire pressures, always screw the caps on the valves and note the information about the Tire Pressure Monitoring System (TPMS).

— Always use the tire pressures specified on the label. Never exceed the maximum tire pressure specified on the side of the tire.

— If the size of the tires installed at the factory differs from the details on the identification label or on the tire pressure label, the correct tire pressure must be determined.

Geolocation of the tire inflation pressure label

The label specifies the correct tire pressures for approved tires and is either on the driver door pillar→ *fig. 1* or on

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the inside of the fuel filler flap.



Fig. 1 On the driver door pillar: tire pressure label (may also be on the inside of the fuel filler flap).

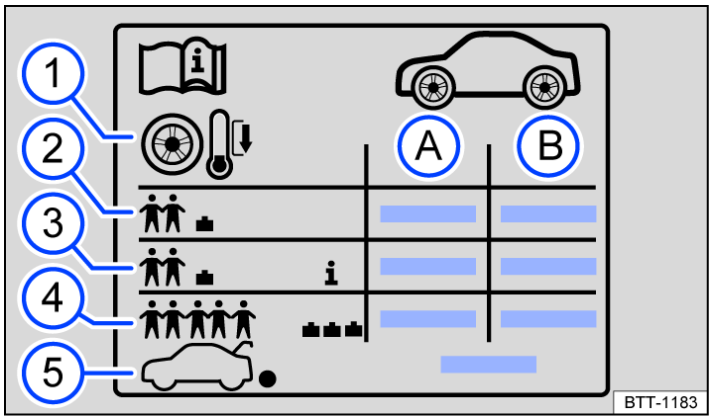


Fig. 2 Symbols on the tire pressure label.

(A) Tire pressure for the tires on the front axle.

(B) Tire pressure for the tires on the rear axle

(1) Note: check the tire pressure when the tires are cold

(2) Tire pressure when partially loaded

(3) *Depending on vehicle equipment:* comfort tire pressure when partially loaded

(4) Tire pressure when fully loaded

(5) Tire pressure for the spare wheel, collapsible spare wheel or compact spare wheel.

The appearance of the label may vary depending on the vehicle. Additional tire sizes can be included that are not approved for your specific vehicle. The tire sizes approved for your vehicle can be found in the vehicle registration document or the EC Certificate of Conformity (CoC – paper); alternatively, you can query this with an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Comfort tire pressure

Depending on the vehicle equipment, the label may include a comfort tire pressure→ *fig. 2*. The comfort tire pressure allows the driving comfort to be increased. Fuel consumption may increase when driving with the comfort tire pressure.

WARNING

A tire pressure that is too low can result in a sudden loss of air, separation of the tire tread or bursting of the tire while driving. An incorrect tire pressure shortens the service life of the tire and negatively affects driving behavior.

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An incorrect tire pressure can cause accidents and fatal injuries.

- Check the tire pressures regularly, at least once a month and also before driving long distances.
- Always adjust the tire pressure according to your load.
- Never reduce the tire pressure when tires are warm.

WARNING

Excessive speeds and vehicle overloading can cause overheating, sudden tire damage(including tire blow-outs) and separation of the tread.

This can cause accidents and fatal injuries.

- Never exceed the maximum load for the tires fitted *(→ Tire labeling and tire classifications)*.
- Never exceed the maximum permitted speed for the tires fitted *(→ Tire labeling and tire classifications)*.

NOTICE

Careless handling of the tire pressure gage may damage the valve.

- When positioning the tire pressure gauge, make sure it is not tilted at the valve stem.

Tire pressures that are too low increase fuel consumption.

Tire Pressure for the Spare Wheel or Compact Spare Wheel

Depending on the vehicle equipment, the vehicle can be delivered ex factory with different versions of a spare wheel or compact spare wheel:

Full-size Spare Wheel

The full-size spare wheel is a wheel that corresponds to the regular tire size and tread pattern. The tire pressure for the full-size spare wheel corresponds to the tire pressure of the regular tires and is specified on the tire pressure label *(→ Tire pressure)*.

Space-saving Spare Wheel



Fig. 1 Space-saving spare wheel.

The space-saving spare wheel is identified by a label stating “80 km/h” or “50 mph”*→ fig. 1*. This label indicates the permitted maximum speed at which the tire may be driven. Do not cover the sticker while the wheel is in use. Even if the space-saving spare wheel is a normal wheel, the space-saving spare wheel must only be used in the event of a breakdown and on a temporary basis.

The tire pressure for the space-saving spare wheel is 3.5 bar(51 psi/350 kPa).

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Compact spare wheel



Fig. 2 Compact spare wheel.

The compact spare wheel consists of a special rim with a significantly narrower tire than the regular tire.

The compact spare wheel can be identified by a label stating “80 km/h” or “50 mph” → *fig. 2*. This label indicates the permitted maximum speed at which the tire may be driven. Do not cover the sticker while the wheel is in use.

The tire pressure for the compact spare wheel is 4.2 bar(61 psi/420 kPa).

Monitoring the tightening torque

The correct wheel bolts must always be used for each vehicle model, and these bolts must always be tightened to the correct torque. The wheel bolt tightening torque must be checked regularly with a functional torque wrench. In addition, the tightening torque must be checked immediately after each wheel change with a functional torque wrench. If the wheel bolts are not tightened enough to meet the specification, the wheel bolts and consequently the wheel could come loose while driving. Exceeding the tightening specification could damage the wheel bolts and threads.

Wheel bolts that are corroded and difficult to turn must be replaced and the threads in the wheel hub must be cleaned before checking the tightening torque. Never grease or oil the wheel bolts and the threads in the wheel hub.

Wheel bolt tightening specification

The tightening torque of the wheel bolts is specified in the chapter on replacing wheels *(→ Wheels and tires)*.

⚠ WARNING

If the wheel bolts are not tightened enough to meet the specification, the wheel bolts and consequently the wheel could come loose while driving. Exceeding the tightening specification could damage the wheel bolts and threads.

Wheel bolts that are tightened incorrectly or missing could cause you to lose control of the vehicle and lead to serious accidents and fatal injuries.

- Always tighten the wheel bolts to the correct tightening torque. If you do not have a torque wrench, tighten the wheel bolts with the lug wrench and then have the tightening torque checked as soon as possible by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never drive with missing or loose wheel bolts.
- Always use wheel bolts that are correct for the rim and the vehicle model.
- Never grease or oil the wheel bolts and the threads in the wheel hub. Even when tightened to the specification, the wheel bolts could become loose while driving.
- Ensure the wheel bolts and threads in the wheel hubs are clean, easy to move and free of oil and grease.
- Never loosen the bolts on rims with a bolted rim ring.

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Replacing tires

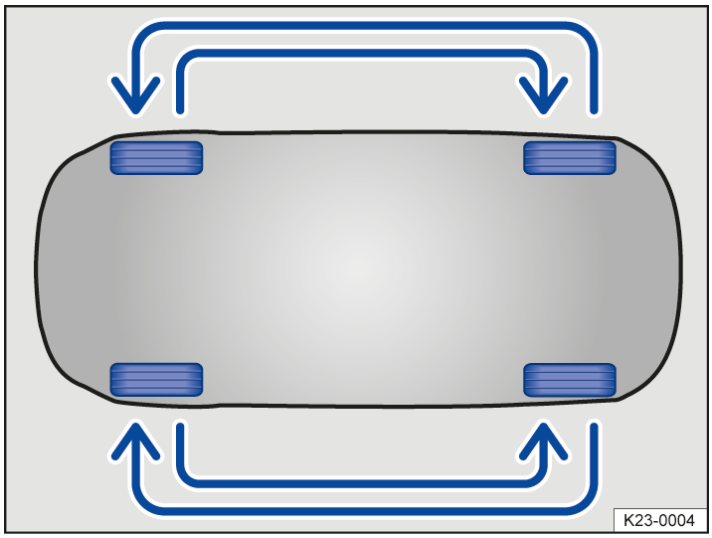


Fig. 1 Diagram for rotating the wheels(general example).

To ensure that the tires wear evenly, rotating the tires regularly according to the diagram is recommended→ *fig. 1*. This will allow the tires to have approximately the same length of service life.

Volkswagen recommends having the wheel replacement carried out by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Monitoring the tread depth

Tread depth

Most driving situations require a tire tread that is as deep as possible. All tires, or at least tires on the same axle, must have an even tread depth →⚠. This applies in particular to wet or wintry road conditions.

In most countries, the legal minimum tread depth is 1.6 mm(1/16 of an inch). This is measured in the tread grooves next to the wear indicators. Observe any legal regulations specific to the country where you are driving.

Note the legal requirements in the applicable country for minimum tread depths on winter and all-season tires.

Tire wear

Tire wear depends on various factors:

— Driving style.

— Wheel balancing.

— Running gear alignment.

An imbalance can occur while driving, which can be noticed by uneven steering. Tire imbalances also affect tire wear. In these situations, have the wheels balanced again.

Incorrect wheel alignment impairs driving safety and increases tire wear. If there is high degree of tire wear, have the wheel alignment checked by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Tire Wear when Driving with a Sporty Driving Style

Driving quickly around curves, rapid acceleration, and heavy braking increase tire wear.

If you drive with a sporty driving style, check the tread depth every 5000 to 10,000 km(approx. 3107 to 6214 miles).

Tread wear indicator in tires



Fig. 1 In the tread grooves: wear indicator.

The tread wear indicator is 1.6 mm(1/16 in) above the base of the tread → *fig. 1*. Markings on the sides of the tire indicate the location of the tread wear indicator → *fig. 1*.

The tread wear indicator indicates if a tire is worn out. At the latest, the tire must be replaced if the tread depth is worn down to the tread wear indicator.

When you check the tread depth, you must check the wear indicators of all tread grooves.

⚠ WARNING

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Worn tires are a safety risk and make it difficult to control the vehicle well. They increase the braking distance and the risk of skidding.
Worn tires have significantly less grip. Particularly on wet roads, the vehicle is more likely to “hydroplane”.
Worn tires could cause loss of vehicle control, serious accidents and death.
● Replace tires with new tires when the tires are worn down to the tread wear indicator.

Winter tires

Summer tires offer very little holding force on icy or snowy roads. Winter or all-season tires improve vehicle handling and braking performance in winter road conditions. Volkswagen recommends using winter tires on the vehicle at temperatures below +7 °C (+45 °F) or in winter road conditions. This also applies to vehicles with all-wheel drive (4MOTION).

The effectiveness of winter tires or all-season tires is greatly reduced when the tire tread is worn down to a depth of 4 mm (approx. 5/32 in).

The following applies when using winter tires:

— Follow all applicable laws in the country of operation.

— Use winter tires on all four wheels at the same time.

— Only use in winter road conditions.

— Only use the tire sizes permitted for the vehicle.

— Only use winter tires that have the same belt construction, size, and tread pattern.

— Follow the speed restriction based on the speed rating.

Speed restriction

Winter tires have a speed restriction based on their speed rating *(→ Tire labeling and tire classifications)*.

A speed warning can be set in theVehicle settings menu in the Infotainment System under theTires menu.

On V winter tires, the speed restriction and required tire pressure depend on the engine. Always ask an authorized Volkswagen dealer or authorized Volkswagen Service Facility about the permitted speed and required tire pressure. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

In winter road conditions, do not let the improved driving characteristics of winter tires tempt you to take safety risks, as otherwise you may lose control of the vehicle, resulting in serious injuries.
● Adapt your speed and driving style to the visibility, weather, road and traffic conditions.

When temperatures are above +7 °C(+45 °F), summer tires provide better vehicle handling. There is less road noise, the tires wear more slowly, and economy is better.

For vehicles with a Tire Pressure Monitoring System, the system must be recalibrated after changing to winter tires *(→ Tire Pressure Monitoring System)*.

The speed limit and tire load of winter tires may differ from those of summer tires.

You can contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for permitted winter tire sizes. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Snow chains

Note the legal requirements and the permitted maximum speed when driving with snow chains.

Snow chains improve driving and braking handling when on roads covered with ice or snow.

Snow chains may only be mounted on the front wheels and only on the following tire/rim combinations:

Tire size	Rim
195/60 R16	6Jx16 ET35

If possible, use fine-mesh snow chains that include a chain lock no larger than 13.5 mm (approx. 17/32 in).

Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility for more information about wheel, tire, and snow chain sizes. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Snow chains may only be used on tire/rim combinations that are approved for snow chain operation.

If using snow chains, remove the wheel covers and rim accent rings before mounting the snow chains. However, the wheel bolts must be covered with caps for safety reasons. Caps can be obtained from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Using snow chains on the compact spare tire or collapsible spare tire

Using snow chains on the compact spare tire or collapsible spare tire is not permitted for technical reasons.

1. If a front tire is flat, mount the compact spare tire or collapsible spare tire on the rear axle.
2. Replace the damaged front wheel with the removed rear wheel. Pay attention to the running direction when doing this.

Volkswagen recommends attaching the snow chains before mounting the wheel.

WARNING

Using unsuitable snow chains or installing snow chains incorrectly can cause serious accidents and death.

- Always use the correct snow chains.
- Only use snow chains on the tire/rim combinations approved by Volkswagen.
- Follow the installation instructions provided by the snow chain manufacturer.
- Never drive faster than intended according to the specifications of the snow chain manufacturer or permitted by law when snow chains are mounted.

NOTICE

If snow chains are used on routes that are not snowy, they will impair the driving characteristics, damage the tires, and be quickly destroyed.

- Remove snow chains when driving on roads without snow.

NOTICE

Snow chains that come into contact with the rim directly can scratch or damage the rim.

- To prevent damage, use snow chains with integrated rim protection.

On vehicles with a Tire Pressure Monitoring System, the system must be reprogrammed after snow chains are mounted *(→ Tire Pressure Monitoring System)*.

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Troubleshooting

Damage to tires and rims can often occur where it is not visible→ ⚠.

If you suspect that a wheel is damaged, slow down and stop as soon as traffic allows and it is safe to do so.

Vehicle pulls to one side or unusual vibrations

The vehicle pulls to the left or right when driving, or there are unusual vibrations. This could indicate tire damage or too low a tire inflation pressure.

STOP Check the tires!

Slow down immediately and stop the vehicle as soon as the traffic situation allows and it is safe to do so.

1. Check the tires and rims for damage.
2. Do not continue driving if there is tire damage.
3. Replace the damaged wheel *(→ Wheel change)*. If necessary, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

   Or: seal the damaged tire using the tire mobility set and inflate it with air *(→ Tire mobility set)*.
4. If no exterior damage is visible, drive slowly and carefully to the nearest authorized Volkswagen dealer or authorized Volkswagen Service Facility to have the vehicle checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Foreign object stuck in the tire

A foreign object is stuck in the tire or between the tread segments.

1. If an object has punctured through to the inside of a tire, leave the object in place. Objects stuck between the tire tread segments can be removed.
2. Replace the damaged wheel *(→ Wheel change)*. If necessary, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

   Or: seal the damaged tire using the tire mobility set and inflate it with air *(→ Tire mobility set)*.
3. Check and adjust the tire pressure.
4. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Tires lose traction

The vehicle loses traction when driving along curved stretches, and swerves. The braking distance is longer and the anti-slip regulation (ASR

) and the anti-lock brake system (ABS) take control earlier.
The tire may be too worn down to guarantee sufficient traction *(→ Tread depth and wear indicator)*.

1. Go slowly and carefully to the nearest suitably qualified professional to have the vehicle checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Wheel bolts can only be undone with difficulty

Wheel bolts can corrode over time. This means that the wheel bolts can only be undone with difficulty.

1. Contact professional assistance, or drive slowly and carefully to the nearest qualified professional to have the

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vehicle checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

Unusual vibrations or the vehicle pulling to one side while driving may indicate tire damage.
Tire damage could cause loss of vehicle control, accidents and serious or fatal injuries.

- Slow down immediately and stop the vehicle as soon as the traffic situation allows and it is safe to do so.
- Check the tires and rims for damage.
- Never continue driving with damaged tires or rims. Instead, seek professional assistance.
- If no exterior damage is visible, drive slowly and carefully to the nearest authorized Volkswagen dealer or authorized Volkswagen Service Facility to have the vehicle checked. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

How the Tire Pressure Monitoring System Works

The Tire Pressure Monitoring System warns the driver if tire pressures are too low.

The Tire Pressure Monitoring System uses theABS
sensors to monitor the RPM and therefore the rolling circumference of the individual wheels during travel.
If a tire loses air or the tire pressure is too low, the rolling circumference is reduced and the RPM increases.

The Tire Pressure Monitoring System shows a change in the rolling circumference of the tires via the (!) indicator light in the instrument cluster.

The following situations can also cause the RPM to change:

— The tire pressure has changed

— The tire has structural damage

— One side of the vehicle has a heavier load than the other

— Snow chains are installed on the tires

— A compact spare wheel has been installed

— Only one wheel was replaced on each axle

The Tire Pressure Monitoring System (!) may be delayed or not be displayed at all when driving with a sporty style, on winter or unpaved roads, or when driving with snow chains.

The recommended tire pressure for the tires installed at the factory is specified on the tire pressure sticker on the driver door pillar *(→ Tire pressure)*.

The Tire Pressure Monitoring System will not work if the
ESC
or ABS is malfunctioning *(→ Braking assistance systems)*.

Reference Pressure

The reference pressure for the Tire Pressure Monitoring System is the recommended tire pressure for the tires installed at the factory when the tires are cold at maximum load. The reference pressure corresponds to the details on the tire pressure label *(→ Tire pressure)*.

If the tire pressure has been correctly adjusted on all four tires, the Tire Pressure Monitoring System must be re-calibrated *(→ Tire Pressure Monitoring System)*. This adapts the reference pressure to the current tire pressure.

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).

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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.

⚠ WARNING

The Tire Pressure Monitoring System is not a replacement for the driver's attention and works only within the system limitations. The Tire Pressure Monitoring System cannot detect all driving situations and may not react, or may react with a delay, or may react in a way that is not desired. If you are careless, there is a risk of accidents, serious injuries and death.

- Always stay attentive and do not rely solely on the Tire Pressure Monitoring System. The driver is always responsible for maintaining the correct tire pressures.
- Observe the system limitations *(→ Tire Pressure Monitoring System)*.
- Regularly check the tire pressure when the tires are cold and always maintain the specified pressures as stated on the tire inflation pressure label for the tires fitted on the vehicle *(→ Tire pressure)*.
- Check the tires regularly for signs of wear or damage and replace worn or damaged tires immediately.
- Never exceed the maximum permissible speed and tire load specified for the tires fitted to your vehicle.

⚠ WARNING

If you drive with insufficient tire pressure, the tire could become so hot that the tread could separate, the tire could rupture, and you could lose control of the vehicle.

Tire pressure that is too high or too low shortens the service life of the tire and affects driving behavior.

Different tire pressures or low tire pressures can increase tire wear, decrease vehicle stability, increase braking distance, and result in tire damage, tire failure and loss of vehicle control.

This can cause serious accidents and fatal injuries.

- Always pay attention to the warnings given by the Tire Pressure Monitoring System. If the (!) warning light turns on, stop the vehicle immediately but safely with regard for other traffic and check all of the tires *(→ Tire pressure)*.
- The driver is responsible for maintaining the correct tire pressure. Regularly check the tire pressure when the tires are cold and always maintain the specified pressures as stated on the tire inflation pressure label for the tires fitted on the vehicle *(→ Tire pressure)*. The Tire Pressure Monitoring System(TPMS) can only function correctly when all tires are inflated to the correct pressure when they are cold.
- If the tire is not “flat” and the tire does not need to be replaced immediately, drive slowly to the nearest authorized Volkswagen dealer or authorized Volkswagen Service Facility to have the tire pressure checked and corrected *(→ Tire pressure)*. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Always set up the Tire Pressure Monitoring System correctly *(→ Tire Pressure Monitoring System)*.

⚠ WARNING

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Excessive speeds and vehicle overloading can cause overheating, sudden tire damage(including tire blow-outs) and separation of the tread.

This can cause accidents and fatal injuries.

- Never exceed the maximum load for the tires fitted *(→ Tire labeling and tire classifications)*.
- Never exceed the maximum permitted speed for the tires fitted *(→ Tire labeling and tire classifications)*.

Low tire pressure increases fuel consumption and tire wear.

New tires may expand slightly the first time they are driven at high speeds, which can trigger a tire pressure warning.

Only replace old tires with tires that have been approved by Volkswagen for the vehicle model.

Do not rely on the Tire Pressure Monitoring System alone. Inspect the tires regularly to make sure the tire pressure is correct and check the tires for any signs of damage, such as punctures. Remove any objects stuck in the tire tread as long as they have not punctured the inside of the tire.

Limitations of the Tire Pressure Monitoring System

Regular Maintenance

The Tire Pressure Monitoring System is not intended to replace regular inspection and maintenance of the tires. The driver is responsible for ensuring that the correct tire pressure is used at all times, even if the Tire Pressure Monitoring System is not showing a warning that the tire pressure is too low.

The tire pressure of all tires must be checked once a month when the tires are cold and must correspond to the vehicle manufacturer's specifications on the tire inflation pressure label.

This also applies to the tire pressure of the spare wheel or compact spare wheel.

The recommended tire pressure for the tires installed at the factory is specified on the tire inflation pressure label *(→ Tire pressure)*.

Unresolved Malfunctions

If the Tire Pressure Monitoring System displays a malfunction, the tire pressure cannot be monitored correctly. A malfunction in the Tire Pressure Monitoring System can have a number of causes, e.g. a wheel or a tire being replaced. After replacing a wheel or tire, you must check whether the (!) indicator light displays a system malfunction to make sure that the Tire Pressure Monitoring System is working properly *(→ Tire Pressure Monitoring System)*.

Sporty driving

The Tire Pressure Monitoring System may be delayed or not be displayed at all when driving with a sporty style, on winter or unpaved roads, or when driving with snow chains.

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Calibrating the Tire Pressure Monitoring System

The Tire Pressure Monitoring System must be recalibrated under the following conditions:

— If the tire pressures were adjusted.

— If one or more wheels were changed.

— If the wheels were rotated, for example from front to rear.

The Tire Pressure Monitoring System must only be recalibrated if all tires are inflated to the correct pressure when they are cold. In order to measure the tire pressure on cold tires, the vehicle must be left to stand for 3 hours or only be driven slowly over short distances during this time.

After being warned about a low tire pressure, switch the ignition off and back on. The Tire Pressure Monitoring System can only be recalibrated after this is done.

1. Switch the ignition on.
2. Depending on the vehicle equipment, press the MENU button or function key *(→ Vehicle settings menu)* and open the Vehicle menu in the Infotainment system.

   Or: depending on the vehicle equipment, press the CAR button or function key.
3. Tap Settings if this key is available.
4. Tap Tires.
5. Tap SET.
6. If all four tires meet the required tire pressure values, tap Confirm.

   The indicator light (!) flashes for approx. 6 seconds. In addition, a chime is emitted and a message is shown in the instrument cluster display.

   After travel times of at least 20 minutes and at different vehicle speeds, the system adapts to the new values and monitors them.

If the indicator light (!) blinks for approx. 6 seconds without the Tire Pressure Monitoring System having been reprogrammed beforehand, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility immediately.

WARNING

If the Tire Pressure Monitoring System has been calibrated with a tire pressure that is too high or low, the Tire Pressure Monitoring System may give false warnings or fail to give a warning when the tire pressure is dangerously low.

This can cause accidents and serious or fatal injuries.

- Ensure that the tire pressure is correct on all wheels before calibrating the Tire Pressure Monitoring System.

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Troubleshooting the Tire Pressure Monitoring System

Tire pressure low

The yellow indicator light turns on.

The tire pressure of one or more tires has decreased or the tire is structurally damaged.

1. Stop the vehicle immediately where it is safe to do so.
2. Check the tires for visible damage.
3. If there is no visible damage on the tires, drive at reduced speed to the nearest gas station and check the tire pressure. Adjust it if necessary.
4. If one of the tires is damaged, change the damaged wheel . If necessary, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

   Or: seal the damaged tire using the tire mobility set and inflate it with air .
5. Recalibrate the Tire Pressure Monitoring System *(→ Tire Pressure Monitoring System)*.
6. If the malfunction persists, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Tire Pressure Monitoring System malfunction

The yellow indicator light flashes for approximately one minute and then stays on.

There is a system malfunction.

1. Stop the vehicle immediately where it is safe to do so.
2. Switch the ignition off and back on again.
3. Recalibrate the Tire Pressure Monitoring System *(→ Tire Pressure Monitoring System)*.
4. If the malfunction persists, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Driving on unpaved roads for a long period of time or sporty driving can deactivate the Tire Pressure Monitoring System temporarily. If there is a malfunction, the indicator light flashes for approximately one minute and then stays on. However, the indicator light will turn off if the road conditions or driving style changes.

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Introduction

Only change the wheel yourself if the vehicle is parked securely, you are familiar with the safety precautions and the necessary procedures and you have the necessary tools. Some vehicles are delivered from the factory without a vehicle jack and lug wrench. In such cases, have the wheel changed by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

If the vehicle is delivered ex works with a jack, this jack may only be used if one wheel on the vehicle has been damaged and needs to be replaced. If both tires on one side of the vehicle, or both tires on one axle, or all tires are damaged, do not use the jack delivered ex works. Instead, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

You must carry out the following steps to change a wheel.

1. Prepare the vehicle for the wheel change *(→ Wheel change)*.
2. Depending on the vehicle and vehicle equipment, remove the subwoofer *(→ Subwoofer)*.
3. Take out the spare wheel *(→ Spare wheel and compact spare wheel)*.
4. Remove the wheel hub cover or wheel bolt caps *(→ Wheel covers)* *(→ Hubcap)* *(→ Wheel bolt caps)*.
5. Loosen the wheel bolts *(→ Wheel bolts)*.
6. Jack up the car *(→ Vehicle jack)*.
7. Remove the damaged wheel and fit the spare wheel or compact spare wheel *(→ Wheels and tires)*.

⚠ WARNING

It can be dangerous to change a wheel at the roadside.
If the vehicle and work area are not secured properly, serious accidents and fatal injuries may occur.

- Only carry out the wheel change yourself if you are familiar with the necessary steps. Instead, seek assistance from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Stop the vehicle as soon as it is safe to do so.
- Park the vehicle a safe distance from moving traffic.
- Always switch off the engine and move the selector lever to the P position to reduce the risk of the vehicle moving unintentionally.
  - With a manual transmission, leave the vehicle in gear to reduce the risk of the vehicle moving unintentionally.
- Set the parking brake.
- Move all passengers, particularly children, to a safe distance away from the working area on the side facing away from moving traffic.
- Switch on the emergency flashers to warn other road users and set up the warning triangle.
- Only jack up the vehicle on level, firm ground. Sloped or soft ground can cause the vehicle to slip off the jack. If necessary, place a large, stable surface under the jack.
- If you are on a slippery surface such as tile, place a non-slippery object such as a rubber mat on the ground to prevent the jack from slipping.
- Only use suitable and undamaged tools for wheel changes.
- After changing a wheel, immediately check the tightening torque of the wheel bolts with an undamaged torque wrench that is functioning correctly.
- If your vehicle is equipped with a Tire Pressure Monitoring System, you must recalibrate the system immediately after a wheel is changed *(→ Tire Pressure Monitoring System)*.

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Preparing Your Vehicle

Checklist

Always perform the following steps in the specified order to prepare for a wheel change→⚠:

1. Park the vehicle a safe distance from moving traffic. Observe all important information on parking when doing so *(→ Parking)*. The ground must be level and firm. Sloped or soft ground can cause the vehicle to slip off the jack. If necessary, place a large, stable surface under the vehicle jack.
2. Switch on the emergency flashers *(→ Center console)*.
3. Have all vehicle occupants exit the vehicle on the side facing away from traffic and move to a safe area, such as behind a guard rail. Follow the local regulations regarding wearing a reflective vest.
4. Set up the warning triangle to warn others on the road about the vehicle.
5. Adjust the steering wheel so that the wheels are not pointing straight forward.
6. Block the tire that is diagonal from the one you will be changing with a stone, chocks, or another suitable object.
7. In trailer mode: Disconnect the trailer from the towing vehicle and park it .
8. If the luggage compartment is full: remove the contents from the luggage compartment.
9. Remove the collapsible spare wheel, full-size spare wheel or compact spare wheel and the vehicle tool kit from the luggage compartment.

⚠ WARNING

Failing to heed this checklist that is provided for your own safety can cause accidents and serious injuries.

- Always follow the tasks in the checklist.
- Observe the general safety precautions.

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Removing and installing the subwoofer

The subwoofer must be removed before the spare wheel can be removed.

Removing the subwoofer

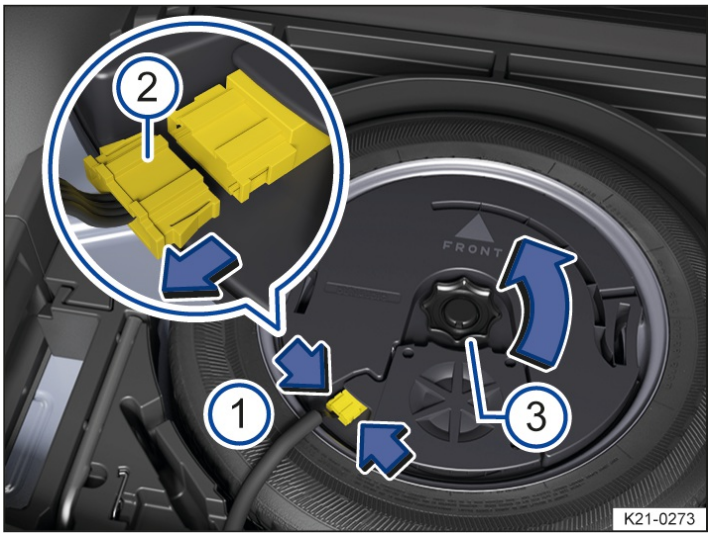


Fig. 1 In the luggage compartment: Removing the subwoofer.

1. Open the trunk lid.
2. Lift up or remove the luggage compartment floor.
3. To release the connector, press the → *fig. 1* (2) lugs together (arrows (1)).
4. Remove the connector → *fig. 1* (2) in the direction of the arrow and place the disconnected electrical line to one side.
5. Unscrew the handwheel → *fig. 1* (3) in the direction of the arrow.
6. Lift the subwoofer out carefully.

Installing the subwoofer

1. Place the subwoofer carefully in the rim well. The arrow symbol with the word “FRONT” on the subwoofer must point forward.
2. Plug in the connector → *fig. 1* (2) until it audibly engages.
3. Turn the handwheel → *fig. 1* (3) on the threaded pin in the opposite direction to the arrow until the subwoofer is securely fastened.
4. Reinsert the luggage compartment floor or fold back down.
5. Close the trunk lid.

NOTICE

Leaking liquids in the luggage compartment can damage the subwoofer.

- Immediately remove any spilled liquids, e.g. with a dry cloth.

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Removing the spare wheel or compact spare wheel



Fig. 1 Under the luggage compartment floor: cover over the spare wheel.

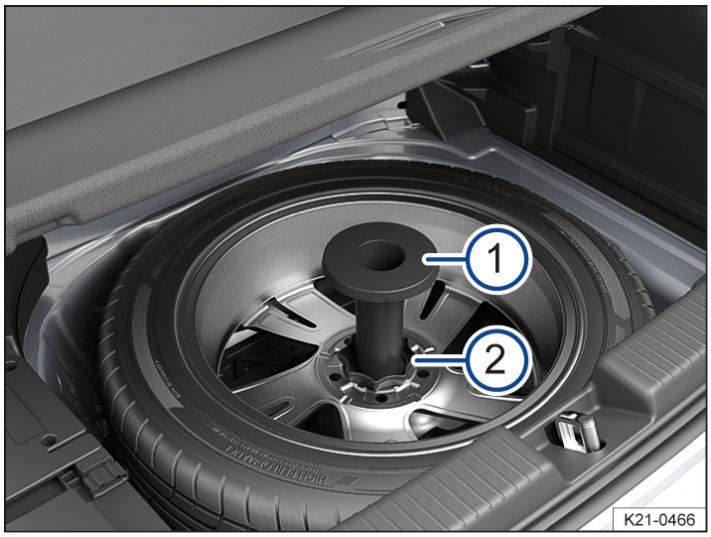


Fig. 2 Under the luggage compartment floor: spacer and spare wheel or compact spare wheel.

Removing the spare wheel, collapsible spare wheel or compact spare wheel

1. Open the trunk lid.
2. Lift up or remove the luggage compartment floor.
3. If present, lift up and remove the carpet.
4. Remove the vehicle tool kit with the container.
5. To remove the cover → *fig. 1*, first it pull up and then it slide forward.
6. Depending on the vehicle equipment: pull the spacer → *fig. 2* (1) up out of the handwheel.
7. Turn the handwheel in the center of the spare wheel or compact spare wheel → *fig. 2* (2) all the way counterclockwise.
8. Remove the spare wheel, collapsible spare wheel, or compact spare wheel.

Stowing the removed tire

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1. If the removed wheel fits in the spare wheel well: place the removed wheel with the front of the rim facing down into the spare wheel well so that the center hole on the rim is directly above the hole or the threaded pin.

   If the removed wheel does not fit in the spare wheel well, securely stow the wheel in the luggage compartment on the luggage compartment floor.

2. Turn the → *fig. 2* (2) handwheel clockwise on the threaded pin until the removed wheel is securely fastened.
3. Depending on the vehicle equipment: insert the spacer → *fig. 2* (1) into the handwheel.
4. Fit cover → *fig. 1*.
5. Place the vehicle tool kit back in the container and stow it in the luggage compartment.
6. Place the carpet (if there is one) in the luggage compartment.
7. Fold down or reinsert the luggage compartment floor.
8. With a removed full-size spare wheel: Stow the spare wheel securely in the luggage compartment.
9. Close the trunk lid.

If the spare wheel is different from the regular tires

If the spare wheel is different from the regular wheels, then the spare wheel must only be used in the event of a vehicle breakdown and only for a short period of time →⚠.

Note the driver information:

— Do not drive faster than 80 km/h(50 mph).

— Avoid hard acceleration, heavy braking, and fast cornering.

— Do not use snow chains on the compact spare wheel *(→ Snow chains)*.

— After installing the spare wheel or compact spare wheel, check the tire pressure as soon as possible *(→ Tire pressure)*.

The tire pressure of the spare wheel, compact temporary spare wheel or temporary spare wheel must be checked every time the tire pressure of the regular wheels is taken, or at least once a month. The tire pressure of the spare wheel, compact spare wheel or temporary spare wheel when the tires are cold must correspond to the details on the tire inflation pressure label *(→ Tire pressure)*.

⚠ WARNING

Incorrect handling of the spare wheel or compact spare wheel can result in loss of vehicle control, serious accidents or death.

- Never use the spare wheel or compact spare wheel if it is damaged or if it is worn down to the wear indicator.
- If the spare wheel is different from the regular wheels or you are using a compact spare wheel, never drive faster than 80 km/h (50 mph).
- Some vehicles may be equipped with a compact spare wheel instead of a spare wheel. The compact spare wheel can be identified by a label stating “80 km/h” or “50 mph”. This label indicates the permitted maximum speed at which the tire may be driven. Do not cover the sticker while the wheel is in use.
- Never drive more than 200 km(125 miles) with a temporary compact spare wheel fitted to the drive axle.
- Avoid hard acceleration, hard braking, and driving fast around curves.
- Replace the compact spare wheel as soon as possible with a regular wheel. The spare wheel is only intended for short-term use.
- Always secure the compact spare wheel with the wheel bolts supplied by the factory.
- Never drive with more than one compact spare wheel.
- Never drive with more than one spare wheel that differs from the regular tires.
- After mounting the spare wheel or compact spare wheel, check the tire pressure as soon as possible *(→ Tire pressure)*.

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- Do not use snow chains on the compact spare wheel.
- Never mount a compact spare wheel on the rear axle when in trailer mode .

Removing and Fitting Hubcaps

Removing Hubcaps



Fig. 1 Remove the hubcap.

The wheel center trim is for protecting the wheel bolts and must be reattached after a wheel change.

1. Take the extraction hook out of the vehicle toolkit *(→ Vehicle tool kit)* and insert it into a hole(alloy wheel) or hook it onto the edge (steel wheel) of the hubcap *→ fig. 1*.
2. Remove the trim in the direction of the arrow *→ fig. 1*.

Fitting Hubcaps

1. Press the hubcap centrally onto the rim and press it against the rim until it you feel it engage.

⚠ WARNING

Unsuitable wheel covers and assembling wheel covers incorrectly can cause accidents and serious injuries.
Wheel covers that are installed incorrectly can loosen while driving and endanger other road users.
- Do not use damaged hubcaps.
- Check whether the hubcap is securely engaged all the way around.

⚠ WARNING

Hubcaps that are installed incorrectly can cause the air supply for cooling the brakes to be interrupted or reduced. This also applies when wheel covers are retrofitted. An insufficient air supply can cause the braking distance to increase significantly.
This can cause accidents and fatal injuries.
- Check whether the hubcap is securely engaged all the way around.

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Removing and Fitting Wheel Hub Covers

Removing wheel hub covers



Fig. 1 Remove the wheel hub cover.

The full wheel covers protect the wheel bolts and must be reattached after a wheel change.

1. Take the extraction hook out of the vehicle tool kit *(→ Vehicle tool kit)*.
2. Engage the extraction hook in one of the openings on the wheel hub cover.
3. Remove the wheel hub cover with extraction hook in the direction of the arrow. If necessary, use a lug wrench for removal *→ fig. 1*.

Installing the full wheel cover

1. Make sure the anti-theft wheel bolts are positioned correctly *(→ Wheels and tires)*.
2. Press the full wheel cover onto the rim so that the opening for the valve aligns with the tire valve. Make sure that the entire outer edge of the cover is secured.

WARNING

Unsuitable wheel covers and assembling wheel covers incorrectly can cause accidents and serious injuries.
Wheel covers that are installed incorrectly can loosen while driving and endanger other road users.

- Do not use damaged hubcaps.
- Check whether the wheel hub cover is securely engaged all the way around.

WARNING

Hubcaps that are installed incorrectly can cause the air supply for cooling the brakes to be interrupted or reduced. This also applies when wheel covers are retrofitted. An insufficient air supply can cause the braking distance to increase significantly.
This can cause accidents and fatal injuries.

- Check whether the cut-out for the tire valve in the wheel hub cover is in the right position.
- Check whether the wheel hub cover is securely engaged all the way around.

NOTICE

The wheel hub cover might be screwed on tightly and may be damaged if it is pulled off.

- Do not use force to remove tightly screwed wheel hub covers.

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Removing and Fitting the Wheel Bolt Caps

Removing the Caps



Fig. 1 Remove the caps from the wheel bolts.

The caps are for protecting the wheel bolts and must be completely reattached after a wheel change.

1. Take the extraction hook out of the vehicle tool kit *(→ Vehicle tool kit)*.
2. Insert the extraction hook into the opening in the cap.
3. Remove the cap with extraction hook in the direction of the arrow→ *fig. 1*.

Putting on Caps

1. Push the cap all the way onto the wheel bolts.

The anti-theft wheel bolt has a separate cap. This cap only fits on the anti-theft wheel bolt and not on conventional wheel bolts.

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Loosening wheel bolts



Fig. 1 Loosening wheel bolts.

Use a suitable lug wrench to loosen the wheel bolts.

Only loosen the wheel bolts a few turns while the vehicle is not raised with the vehicle jack.

1. Slide the lug wrench all the way onto the wheel bolt.
2. Hold the end of the lug wrench and turn the wheel bolt about one turn counterclockwise→ ⚠.

If a wheel bolt cannot be loosened, carefully press on the end of the lug wrench using your foot. Hold onto the vehicle firmly while doing this and make sure you have secure footing.

Loosening anti-theft wheel bolts

1. Remove the adapter for anti-theft wheel bolts from the vehicle tool kit.
2. Slide the adapter all the way onto the anti-theft wheel bolt.
3. Slide the lug wrench all the way onto the adapter.
4. Hold the end of the lug wrench and turn the wheel bolt about one turn counterclockwise→ ⚠.

If a wheel bolt cannot be loosened, carefully press on the end of the lug wrench using your foot. Hold onto the vehicle firmly while doing this and make sure you have secure footing.

⚠ WARNING

If the wheel bolts are removed or loosened by more than one rotation before the vehicle is jacked up, the wheel could fall off and the vehicle might tip.

This can result in serious injuries.

- Only loosen the wheel bolts about one turn while the vehicle is not lifted with the jack.
- Never place any part of your body, such as your arm, under the vehicle while you loosen the wheel bolts.

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Raising the vehicle with the vehicle jack

Lift points

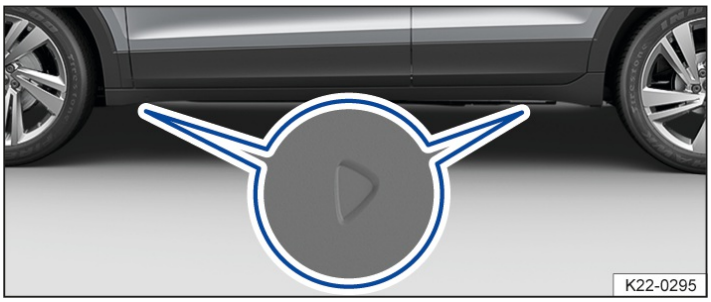


Fig. 1 On the side sill: markings for the jack lift points.

The vehicle jack must only be positioned at the reinforced areas on the underbody that are located behind the markings on the vehicle body → *fig. 1*. Always use the lift point that is nearest to the wheel you are changing→ ⚠.

Positioning the vehicle jack

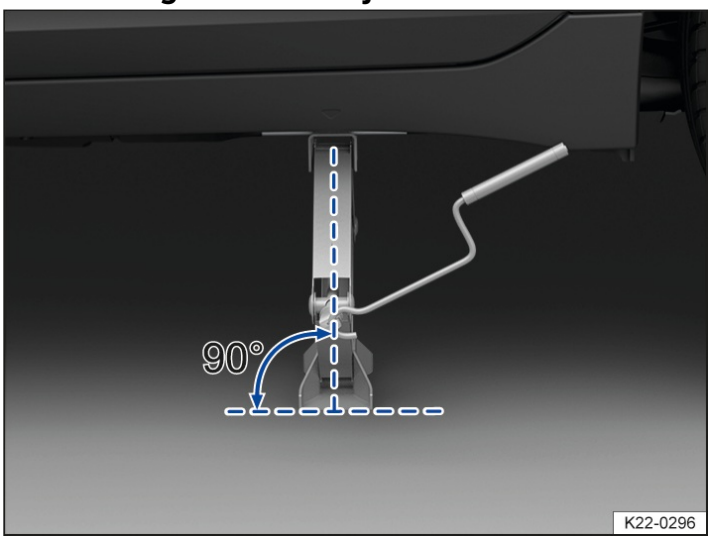


Fig. 2 Correct jack setup.

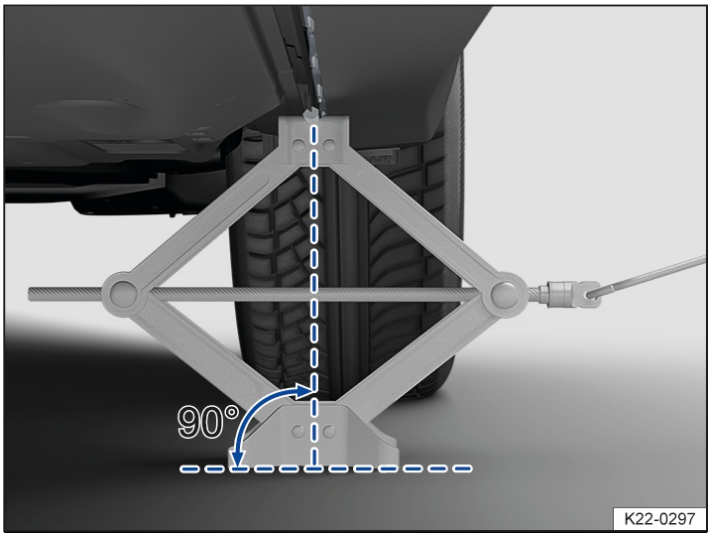


Fig. 3 On the left side of the vehicle at the rear: jack in position.

Checklist

For your own safety, follow the points below in the order they are given→ ⚠:

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1. Position the hand crank in the mount on the jack.
2. Find the vehicle lift point → *fig. 1* under the vehicle that is closest to the wheel you will be changing.
3. Crank the jack upward so that it is still positioned under the vehicle lift point.
4. Make sure the entire base of the jack is seated securely on the ground and that the base of the jack is located exactly directly below the lift point → *fig. 2* and → *fig. 3*.
5. Straighten the jack and continue cranking the claw on the top of the jack upward until the claw is positioned on the jacking point under the vehicle → *fig. 3*.
6. Continue raising the vehicle jack until the wheel is lifted off the ground.

⚠ WARNING

Failing to heed this checklist that is provided for your own safety can cause accidents and serious injuries.
- Always follow the tasks in the checklist.
- Observe the general safety precautions.

⚠ WARNING

Using the vehicle jack incorrectly can cause the vehicle to slip from the jack, resulting in serious injuries or death.
- Never raise the vehicle if more than one wheel is damaged.
- Never jack up the vehicle when the engine is running.
- Never start the engine if the vehicle is raised. Engine vibrations could cause the vehicle to fall off the jack.
- Only place the vehicle jack at the lift points described. The bracket on the vehicle jack must firmly grip the sill → *fig. 3*.
- Only use jacks that are approved by Volkswagen for the vehicle. Other vehicle jacks, including those approved for other Volkswagen models, could slip.
- Only jack up the vehicle on level, firm ground. Sloped or soft ground can cause the vehicle to slip off the jack. If necessary, place a large, stable surface under the jack.
- If you are on a slippery surface such as tile, place a non-slippery object such as a rubber mat on the ground to prevent the jack from slipping.
- Never place any part of your body, such as your arm, under the vehicle when it is supported only by the jack. If you must work underneath the vehicle, additionally support the vehicle securely with suitable stands.

Changing a wheel

Removing a wheel



Fig. 1 Removing wheel bolts with the lug wrench.

1. Follow the checklist *(→ Wheel change)*.

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2. Loosen the wheel bolts *(→ Wheel bolts)*.
3. Raise the vehicle *(→ Vehicle jack)*.
4. Remove loose wheel bolts completely using the lug wrench → *fig. 1* and place the bolts on a clean surface.
5. Remove the wheel.

Installing a spare wheel or compact spare wheel

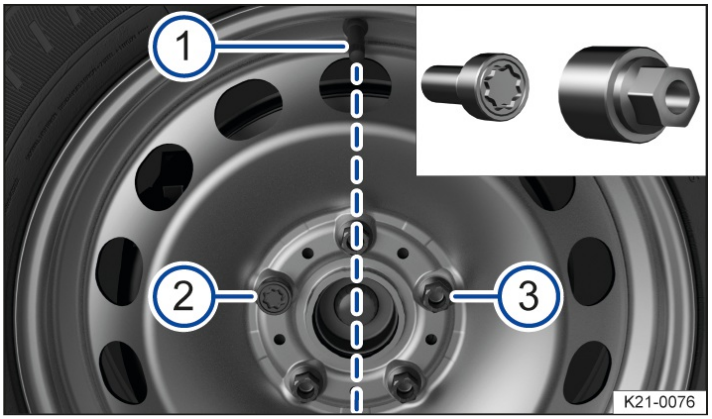


Fig. 2 Make sure the anti-theft wheel bolts are positioned correctly.

1. Note the running direction of the tire *(→ Tire labeling and tire classifications)*.
2. Position the wheel.
3. Install the anti-theft wheel bolt clockwise using the adapter in the correct position and lightly tighten.

   On wheels with full wheel covers, the anti-theft wheel bolt must be fitted in position → *fig. 2* (2) or (3), based on the position of the tire valve (1). Otherwise, it will not be possible to install the full wheel cover.
4. Screw in the other wheel bolts clockwise, tightening them slightly.
5. Lower the vehicle with the vehicle jack.
6. Tighten all wheel bolts securely clockwise using the lug wrench → ⚠. Do not go in order around the wheel while doing this, but rather always switch to a wheel bolt on the opposite side.
7. Fit the caps or hubcap *(→ Wheel covers)* *(→ Hubcap)* *(→ Wheel bolt caps)*.

After a wheel change

1. Clean the vehicle tool kit and place it back in the foam piece in the luggage compartment.
2. Stow the old wheel securely in the luggage compartment.
3. Get the tightening torque of the wheel bolts checked as soon as possible at the nearest authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
4. Get the damaged tires replaced as soon as possible.

Wheel bolt tightening specification

Tightening specification for wheel bolts in steel and aluminum alloy rims:

— 120 Nm (88 ft-lbs).

Wheel bolts that are corroded and difficult to turn must be replaced and the threads in the wheel hub must be

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cleaned before checking the tightening torque.

Never grease or oil the wheel bolts and the threads in the wheel hub.

Check the tightening torque using a functioning torque wrench immediately after changing a wheel.

WARNING

If the wheel bolts are not tightened enough to meet the specification, the wheel bolts and consequently the wheel could come loose while driving. Exceeding the tightening specification could damage the wheel bolts and threads.

Wheel bolts that are tightened incorrectly or missing could cause you to lose control of the vehicle and lead to serious accidents and fatal injuries.

- Always tighten the wheel bolts to the correct tightening torque. If you do not have a torque wrench, tighten the wheel bolts with the lug wrench and then have the tightening torque checked as soon as possible by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never drive with missing or loose wheel bolts.
- Always use wheel bolts that are correct for the rim and the vehicle model.
- Never grease or oil the wheel bolts and the threads in the wheel hub. Even when tightened to the specification, they could become loose while driving.
- Ensure the wheel bolts and threads in the wheel hubs are clean, easy to move and free of oil and grease.
- Never loosen the bolts on rims with a bolted rim ring.

WARNING

Incorrect wheel bolts can loosen while driving and cause loss of vehicle control, serious accidents, and fatal injuries.

- Always use wheel bolts that are correct for the rim and the vehicle model.
- Never use different wheel bolts.

The Tire Pressure Monitoring System(TPMS) indicator light may indicate a system malfunction after a wheel is changed *(→ Tire Pressure Monitoring System)* .

Introduction

The tire mobility set can be used to temporarily reliably seal tire damage that was caused by foreign objects or punctures up to approximately 4 mm (approx. 5/32 in) in diameter. Do not remove the foreign body, such as a screw, from the tire!

Once the sealant has been filled into the tire, check and adjust the tire pressure again approx. 10 minutes after commencing driving.

If more than one vehicle tired is damaged, seek advice from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. The tire mobility set is only designed to fill one tire.

Only use the tire mobility set when the vehicle is safely parked and you are confident of the necessaries skills and safety precautions! Otherwise, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

The tire sealant must not be used:

— When the wheel rim is damaged.

— In outside temperatures of below -20 °C(-4 °F).

— For cuts or punctures in the tire that are larger than 4 mm(approx. 5/32 in).

— If you have driven with a very low tire pressure or an empty tire.

— If the tire filler bottle is past its use-by date.

— If a foreign body has been removed from the tire.

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WARNING

It can be dangerous to use the tire mobility set at the roadside.

If the vehicle and work area are not secured properly, serious accidents and fatal injuries may occur.

- Only use the tire mobility set yourself if you are familiar with the necessary steps. Instead, seek assistance from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Stop the vehicle as soon as it is safe to do so.
- Park the vehicle a safe distance from moving traffic *(→ In case of an emergency)* *(→ Parking)*.
- Make sure the vehicle is on level and solid ground.
- All passengers, especially children, must keep a safe distance and be clear of the work area.
- Switch on the emergency flashers to warn other road users and set up the warning triangle.
- When using the tire mobility set, never raise the vehicle using a jack, even if the jack is approved for the vehicle.

WARNING

A tire filled with sealant does not have the same driving characteristics as an undamaged tire.

Over-stressing a sealed tire may result in serious accidents and fatal injuries.

- Never drive faster than 80 km/h(50 mph).
- Avoid hard acceleration, hard braking, and driving fast around curves.
- Drive at a maximum of 80 km/h(50 mph) for no more than 10 minutes and then check the tire.
- Tires sealed with the tire mobility set should be replaced immediately. The tire mobility set is only intended for emergency use in order to reach the nearest authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

CAUTION

The sealing agent can be harmful if it comes into contact with your skin.

- If the sealing agent comes into contact with your skin, clean it off immediately with a cloth or other suitable item.
- Store the tire mobility set out of the reach of children.

Dispose of used or out-of-date sealant in accordance with statutory requirements.

Your authorized Volkswagen dealer or authorized Volkswagen Service Facility can provide you with a new tire inflation bottle. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Read the separate operating instructions provided by the tire mobility set manufacturer.

Preparing Your Vehicle

Checklist

Always carry out the following tasks in the specified order→⚠.

1. Park your vehicle a safe distance from traffic and on level and firm ground. Observe all important information on parking when doing so *(→ Parking)*.
2. Switch on the emergency flashers *(→ Center console)*.
3. Have all vehicle occupants exit the vehicle on the side facing away from traffic and move to a safe area, such as behind a guard rail. Follow the local regulations regarding wearing a reflective vest.
4. Set up the warning triangle to warn others on the road about the vehicle.
5. Check whether a repair with the tire mobility set is possible *(→ Tire mobility set)*.
6. In trailer mode: Disconnect the trailer from the towing vehicle and park it .

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7. If the luggage compartment is full: remove the contents from the luggage compartment.
8. Remove the tire mobility set from the luggage compartment.
9. Do not remove the foreign body, e.g. screw, from the tire.

WARNING

Failing to heed this checklist that is provided for your own safety can cause accidents and serious injuries.

- Always follow the tasks in the checklist.
- Observe the general safety precautions.

Sealing and pumping up tires

The tire mobility set is located in the luggage compartment under the luggage compartment floor.

Sealing tires

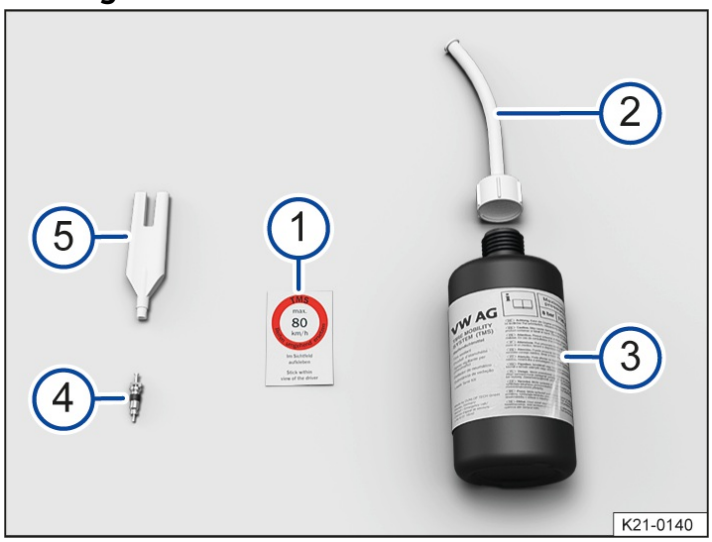


Fig. 1 Components of the tire mobility set (general example).

(1) Label with the speed specification “max. 80 km/h” or “max. 50 mph”.
(2) Tire inflation hose with plug
(3) Tire filler bottle
(4) Replacement valve insert
(5) Valve insert tool

The valve insert tool → *fig. 1* (5) has a slot on the bottom end where the valve insert will fit. Only in this way can the valve insert be removed from the tire valve and reinstalled. This also applies to the replacement valve insert (4).

1. Stick the label from the tire mobility set → *fig. 1* (1) in the field of vision of the driver on the instrument panel.
2. Unscrew the valve cap from the tire valve.
3. Use the valve insert remover → *fig. 1* (5) to remove the valve insert from the tire valve and place it on a clean surface.
4. Shake the tire inflation bottle → *fig. 1* (3) vigorously back and forth a few times.

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5. Attach the tire inflation hose → *fig. 1* (2) to the tire inflation bottle by screwing it on firmly in a clockwise direction. This automatically tears the film on the seal.
6. Remove the sealing plug from the tire inflation hose→ *fig. 1* (2) and insert the open end fully onto the tire valve.
7. Hold the bottle with the base pointing upward and fill all the sealing agent from the tire inflation bottle into the tire.
8. Remove the empty tire inflation bottle from the valve.
9. Use the valve insert remover to screw the valve insert→ *fig. 1* (5) back into the tire valve.

Inflate the tires (variant 1)

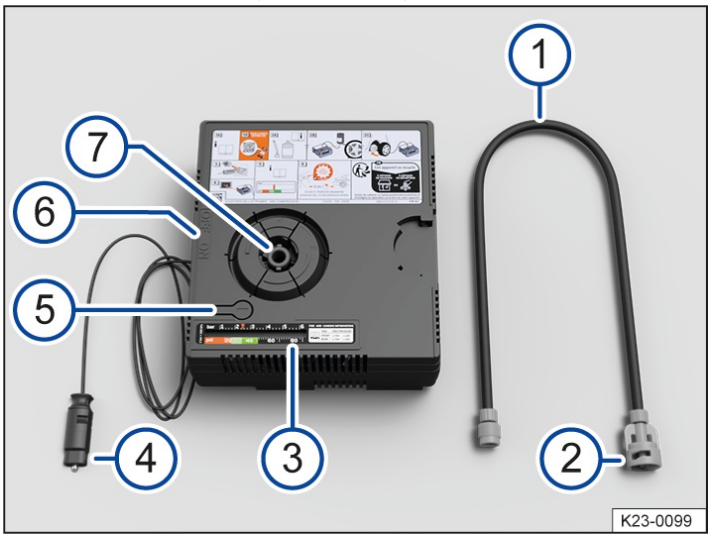


Fig. 2 Compressor in the tire mobility set (general example).

(1) Tire inflation hose
(2) Wing nut.
(3) Tire pressure gauge
(4) 12 V cable connector
(5) Air vent button.
(6) ON and OFF switch
(7) Holder for tire inflation hose.

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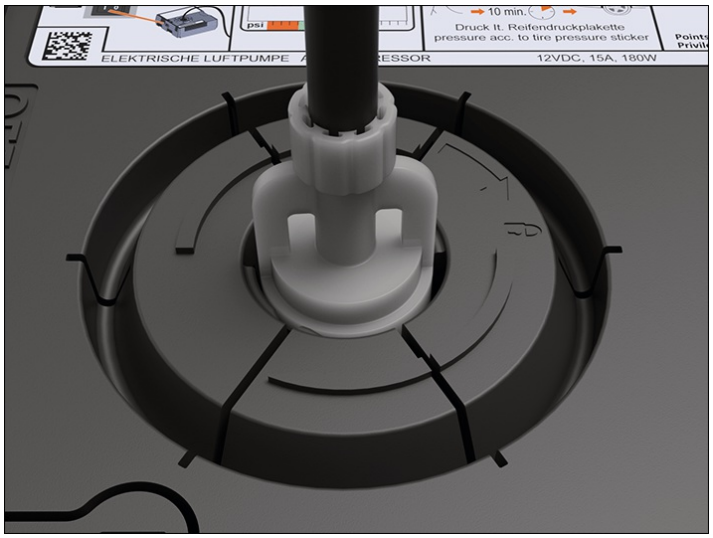


Fig. 3 Attach the tire inflation hose.

The compressor from the tire mobility set may be operated at the 12 V socket, even if the power specification on the compressor label exceeds the maximum power draw of the socket.

1. Remove the tire inflation hose → *fig. 2* (1) from the rear of the compressor.
2. Insert the tire inflation hose → *fig. 2* (1) with the wing nut (2) into the holder for the tire inflation hose (7) so that the wing nut points to .
3. Turn the wing nut → *fig. 2* (2) clockwise until the wing nut points to → *fig. 3*.
4. Screw the tire filler hose → *fig. 2* (1) of the compressor firmly onto the tire valve.
5. Start the vehicle's engine and let it run.
6. Insert the 12-volt plug → *fig. 2* (4) into a 12-volt-socket in the vehicle *(→ Sockets)*.
7. Switch the compressor on with the ON and OFF switch → *fig. 2* (6).
8. Leave the compressor running until 2.0 – 2.5 bar (29 – 36 psi/200 – 250 kPa) is reached.
9. Switch off the compressor.

If a tire pressure of 2.0 – 2.5 bar (29 – 36 psi/200 – 250 kPa) cannot be reached:

1. Unscrew the tire inflation hose from the tire valve.
2. Drive the vehicle around 10 meters (approx. 33 ft) forward or backward so that the sealing agent is distributed in the tire.
3. Firmly screw the tire filler hose of the compressor back onto the tire valve and repeat the inflation process.
4. If the required tire pressure still cannot be achieved, the tire is too badly damaged. The tire cannot be sealed with the tire mobility set. Do not continue driving → ⚠. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

Continuing Your Journey

1. Disconnect the compressor and unscrew the tire inflation hose from the tire valve.
2. Immediately drive at a maximum of 80 km/h (50 mph), if a tire pressure of 2.0 – 2.5 bar (29 – 36 psi/200 – 250 kPa) has been reached.
3. After 10 minutes of driving, check the tire pressure.

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Inflate the tires (variant 2)

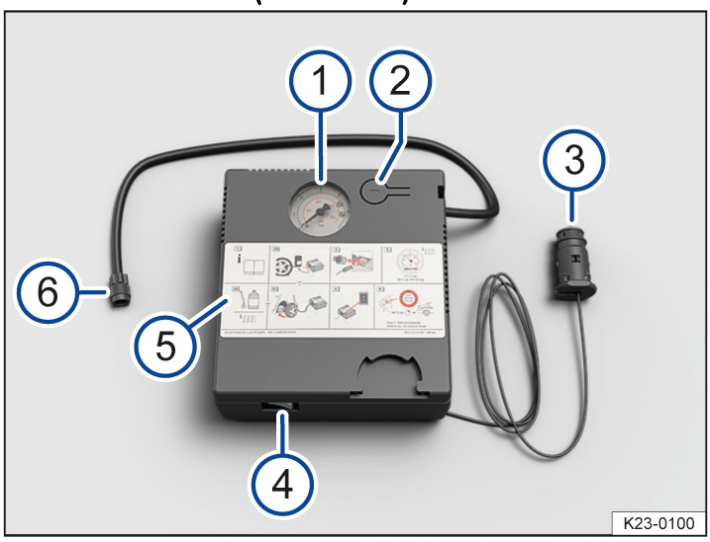


Fig. 4 Compressor in the tire mobility set (general example).

1. Tire pressure gauge
2. Air vent button.
3. 12 V cable connector
4. ON and OFF switch
5. Compressor.
6. Tire inflation hose

The compressor from the tire mobility set may be operated at the 12 V socket, even if the power specification on the compressor label exceeds the maximum power draw of the socket.

1. Screw the tire filler hose → *fig. 4* (6) of the compressor firmly onto the tire valve.
2. Start the vehicle's engine and let it run.
3. Insert the 12-volt plug → *fig. 4* (3) into a 12-volt-socket in the vehicle *(→ Sockets)*.
4. Switch the compressor on with the ON and OFF switch → *fig. 4* (4).
5. Leave the compressor running until 2.0 – 2.5 bar (29 – 36 psi/200 – 250 kPa) is reached. Maximum run time: 10 minutes →.
6. Switch off the compressor.

If a tire pressure of 2.0 – 2.5 bar (29 – 36 psi/200 – 250 kPa) cannot be reached:

1. Unscrew the tire inflation hose from the tire valve.
2. Drive the vehicle around 10 meters (approx. 33 ft) forward or backward so that the sealing agent is distributed in the tire.
3. Firmly screw the tire filler hose of the compressor back onto the tire valve and repeat the inflation process.
4. If the required tire pressure still cannot be achieved, the tire is too badly damaged. The tire cannot be sealed with the tire mobility set. Do not continue driving →. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

NOTICE

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The compressor can overheat and become damaged if it is used for too long.

- Switch off the compressor after 10 minutes of running time at the latest.
- Allow the compressor to cool down for a few minutes before switching it on again.

Continuing Your Journey

1. Disconnect the compressor and unscrew the tire inflation hose from the tire valve.
2. Immediately drive at a maximum of 80 km/h(50 mph), if a tire pressure of 2.0 – 2.5 bar (29 – 36 psi/200 – 250 kPa) has been reached.
3. After 10 minutes of driving, check the tire pressure.

Check after 10 minutes of driving

1. Park the vehicle on level and solid ground at the next safe opportunity, in a parking lot for example.
2. Reconnect the tire inflation hose → *fig. 2* (1) or → *fig. 4* (6) and read the tire pressure off the tire pressure gage → *fig. 2* (3) or → *fig. 4* (1).

1.3 bar (19 psi/130 kPa) and less:

1. Do not continue driving! The tire cannot be adequately sealed with the tire mobility set→⚠. Contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility for assistance.

20 psi/140 kPa (1.4 bar) and above:

1. Readjust the tire pressure to the correct value.
2. Carefully drive to the nearest authorized Volkswagen dealer or authorized Volkswagen Service Facility at a maximum of 80 km/h (50 mph). Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
3. Have the damaged tire replaced at an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

The tire inflation hose and the compressor may become hot during pumping and can cause burns if touched.

- Protect your hands and skin from hot parts.
- Do not place the hot tire inflation hose or compressor onto flammable materials.
- Allow the tire inflation hose and compressor to cool before you put them away.

⚠ WARNING

If the damaged tire cannot be adequately sealed with the tire mobility set, the tire will lose air while driving. This could cause tire failure, loss of vehicle control, accidents, and serious injuries and death.

- If the tire cannot be pumped to at least 2.0 bar(29 psi/200 kPa), the damage is too great. The sealing agent cannot seal the tire. Do not continue driving and instead seek professional assistance.
- Do not continue driving if the tire pressure is 1.3 bar(19 psi/130 kPa) or less after 10 minutes of driving. Instead, seek professional assistance.

Tire labeling and tire classifications

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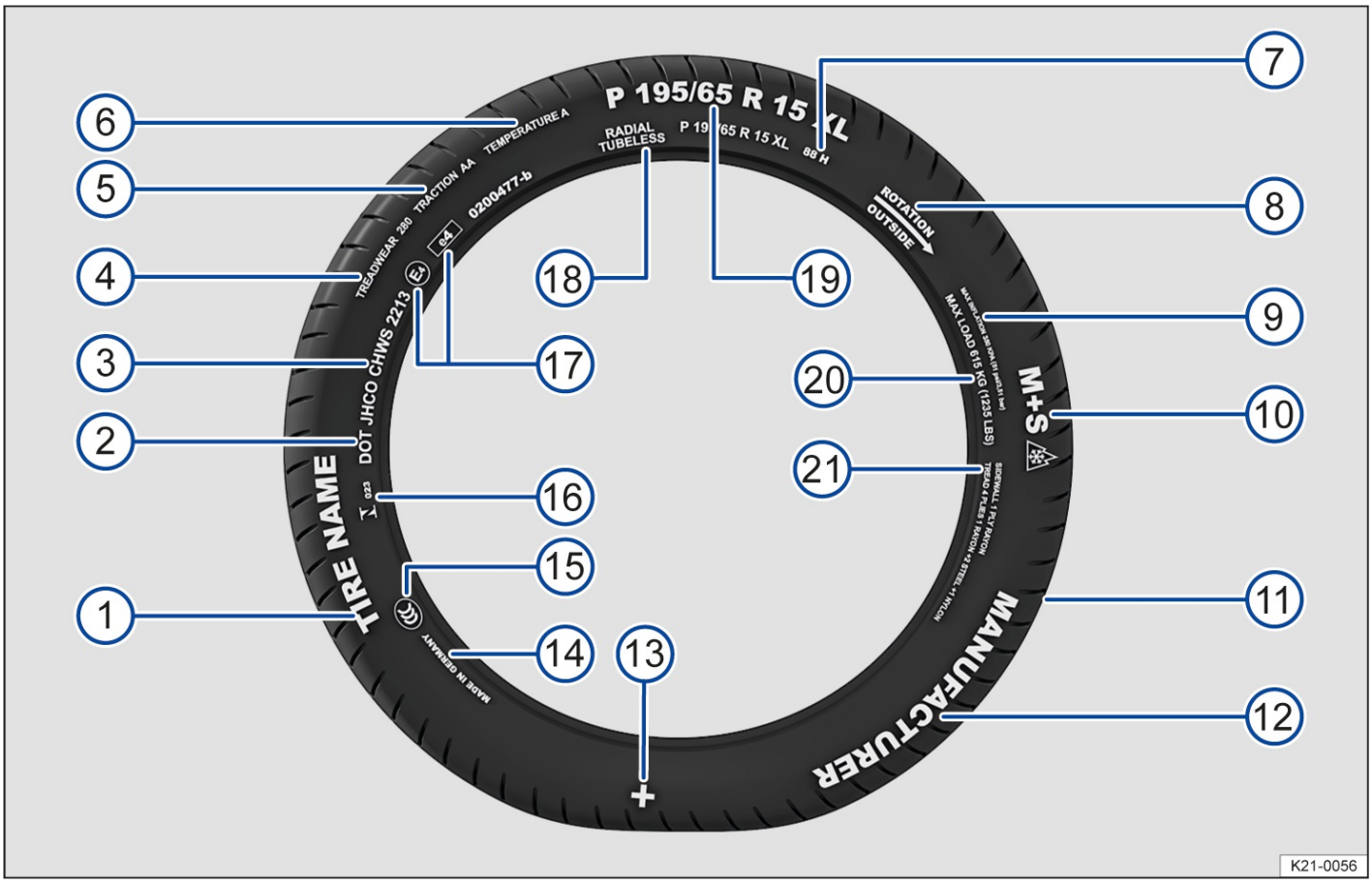


Fig. 1 International tire labeling.

→ *fig. 1* Tire labeling (example), meaning		
1	*Product name*	Individual manufacturer tire designation.
2	DOT	The tire conforms to the legal requirements of the Department of Transportation in the USA, which is responsible for tire safety standards.
3	JHCO CHWS 2213	Tire identification number (TIN – may only be on the inner side of the tire) and production date:
	JHCO CHWS	Code for the factory that produced the tire and specifications from the tire manufacturer for the tire size and tire characteristics.
	2213	Production date: 22nd week in the year 2013.
Information for the end consumer about comparative values for specified base tires (standardized test procedures):		
4	TREADWEAR 280	Relative service life expectancy for the tire, based on a US-specific standard test. A tire with the specification *280* will wear 2.8 times more slowly than a standard tire with a tread wear value of 100. The tire performance depends on the usage conditions and may differ significantly from the standard values depending on the driving behavior, maintenance, different road conditions, and climate conditions.
5	TRACTION AA	Wet braking capability of the tire (*AA*, *A*, *B* or *C*). The wet braking capability is measured under controlled conditions on certified test courses. Tires marked with *C* have low traction performance. The traction value assigned to tires is based on straight-line traction test and includes neither acceleration and cornering, nor hydroplaning and traction under maximum load.

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→ *fig. 1* Tire labeling (example), meaning		
		traction under maximum load.
6	TEMPERATURE A	Temperature stability of the tire at high speeds on the test stand (*A*, *B* or *C*). Tires marked with *A* and *B* exceed the legal requirements. The temperature rating is based on the tires being inflated to the correct pressure and not overinflated. Excess speed, incorrect tire pressure, and overinflation either alone or in combination can cause heat to build up and cause tire damage.
7	88 H	Load index → *Tire load* and speed rating → *Speed rating*.
8	Rotation and arrow	Tire running direction code → *Unidirectional tires*.
	Or: Outside	Code on the outside of the tire → *Asymmetrical tires*.
9	MAX INFLATION 350 KPA (51 psi/3.51 bar)	US limit for the maximum inflation pressure.
10	M+S *or* M/S *or* ⛄	Code for tires that can be used in the winter (mud and snow tires) *(→ Winter tires)*. Studded tires are marked with an *E* after the *S*.
11	TWI	Indicates the location of the tread wear indicator *(→ Tread depth and wear indicator)*.
12	*Brand name*, *logo*	Manufacturer.
13	⊕	Symbol for Volkswagen Genuine tires .
14	Made in Germany	Country of manufacture.
15	㊾	Country-specific code for China (China Compulsory Certification).
16	⋈ 023	Country-specific code for Brazil.
17	E4 e4 0200477-b	Identification according to international regulations with the number of the country that issued the approval. Approved tires in accordance with ECE regulations are marked with an *E*. Tires in accordance with EU regulations are marked with an *e*. The multi-digit approval number follows that.
18	RADIAL TUBELESS	Tubeless radial tires.
19	P 195 / 65 R 15 XL	Size designation:
		P — Code for passenger vehicles.
		195 — Tire width from one sidewall to the other in mm.
		65 — Height and width ratio in %.
		R — Belt construction code for radial.
		15 — Rim diameter in inches.
		XL — Reinforced tires (“Extra Load”).
20	MAX LOAD 615 KG (1235 LBS)	US load capacity for the maximum load per tire.
21	SIDEWALL 1 PLY RAYON	Specification for the components of the tire body. 1 layer rayon.
	TREAD 4 PLIES 1 RAYON + 2 STEEL +	Specification for the components of the running surface. In the example, there are the following 4 layers under the running surface: 1 rayon layer, 2 steel belts, and 1 nylon layer.

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→ *fig. 1* Tire labeling (example), meaning

1 NYLON

The labeling is on both sides of the tire. In some cases, certain codes may only be on one side of the tire, such as the tire ID number and the production date.

Other digits that may be present are part of the internal labeling from the tire manufacturer or country-specific labeling.

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. Low-profile tires improve handling performance and precision. However, they may reduce the level of comfort when driving on roads in poor condition.

Unidirectional tires

The sidewalls on unidirectional tires are marked with arrows. The specified running direction must be followed. This ensures the optimum running characteristics.

If a tire is mounted opposite from the specified running direction, drive more carefully because the tire is not being used the way it was designed to be used. The tire must be replaced or mounted in the correct running direction as soon as possible.

Asymmetrical tires

Asymmetrical tires factor in the behavior of the inner and outer areas of the tread pattern. The sidewalls on asymmetrical tires are marked as the inner and outer side. Maintain the correct position of the tire on the rim.

Tire load

The tire load index indicates the maximum load of an individual tires in kilograms.

Some examples:

78

425 kg (936 lbs)

81

462 kg (1018 lbs)

83

487 kg (1073 lbs)

85

515 kg (1135 lbs)

87

545 kg (1201 lbs)

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88

560 kg (1234 lbs)

91

615 kg (1355 lbs)

92

630 kg (1388 lbs)

93

650 kg (1433 lbs)

95

690 kg (1521 lbs)

97

730 kg (1609 lbs)

99

775 kg (1708 lbs)

100

800 kg (1763 lbs)

101

825 kg (1818 lbs)

102

850 kg (1873 lbs)

103

875 kg (1929 lbs)

104

900 kg (1984 lbs)

Speed rating

The speed rating indicates the maximum speed that may be driven with the tire.

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P

max. 150 km/h (93 mph)

Q

max. 160 km/h (99 mph)

R

max. 170 km/h (106 mph)

S

max. 180 km/h (112 mph)

T

max. 190 km/h (118 mph)

U

max. 200 km/h (125 mph)

H

max. 210 km/h (130 mph)

V

max. 240 km/h (149 mph)

W

max. 270 km/h (168 mph)

Y

max. 300 km/h (186 mph)

Z

above 240 km/h (149 mph), depending on manufacturer also ZR.

Tire load and speed range

Vehicles within the EU and EU member states receive a Certificate of Conformity (COC). The COC contains specifications about the size and diameter as well as load capability and speed range of the tires approved by Volkswagen for the applicable vehicle model.

The model plate will indicate if the vehicle has a COC .

— If the model plate contains a line labeled “Authorization”, then the vehicle has a COC.

— If there is no model plate or the “Authorization” line is not included, then the vehicle does not have a COC.

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Saving maintenance procedures that have been performed (“digital maintenance schedule”)

The certificate of maintenance is saved by suitably qualified professionals in a central system. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility. This transparent documentation of the service history allows you to verify which maintenance work has been performed. Volkswagen recommends receiving a printed record of the maintenance procedures that were performed and stored in the system each time maintenance work is performed.

Having the vehicle maintenance performed regularly not only maintains the value of the vehicle, but also contributes to operational safety and roadworthiness. Therefore, have maintenance procedures performed according to Volkswagen instructions.

Each maintenance is performed on the vehicle, the printed record from the previous maintenance should be replaced with a new record from the current maintenance.

The digital maintenance schedule is not available in some countries. If this is the case, suitably qualified professionals will tell you how the maintenance service is documented. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Maintenance procedures

The following information is documented in the digital maintenance schedule by suitably qualified professionals or an authorized Volkswagen dealer or authorized Volkswagen Service Facility:

— When and which service was performed.

— If a repair recommendation was given, for example that the brake pads should be replaced soon.

— If you had special requests for or during maintenance. Your service advisor will note these on the order.

— Which components and operating fluids have been replaced.

— When your next service appointment is.

The LongLife Mobility Guarantee applies until your next inspection that is due. This is documented at every due inspection.

The type and scope of maintenance procedures can vary from vehicle to vehicle. The vehicle-specific maintenance items can be requested from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

Performing inadequate maintenance and disregarding service intervals can cause vehicle breakdowns while driving as well as accidents and serious or fatal injuries.

- Have all maintenance work performed by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Volkswagen is not responsible for damage to the vehicle caused by insufficient maintenance or a lack of available parts.

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Fixed Service Interval or Flexible Service Interval

The service events are divided into either oil change service or inspection service. The service interval display in the instrument cluster serves as a reminder for the due date of the next service event.

Depending on the vehicle equipment, the engine, and the operating conditions, either the fixed service interval or flexible oil change service interval can be used for the oil change service.

The engine codes can be checked via the service menu *(→ Driving data menu)*.

How do I find out which service type my vehicle has?

You can find out the service type of the vehicle from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Special conditions for the flexible oil change service interval

With the flexible oil change service interval, you only need to have an oil change service performed when your vehicle requires it. The specific operating conditions and the personal driving style are used to calculate the time. A standard feature of the flexible oil change service interval is the use of LongLife engine oil instead of conventional engine oil.

Note the information on engine oil specifications in accordance with the Volkswagen standard .

If you do not want to use the flexible oil change service interval, you can also opt for the fixed service interval. However, a fixed service interval can increase the service costs. Your service advisor will provide you with information.

Service interval display

Depending on the vehicle equipment, service due dates for your vehicle may displayed in the service interval display in the instrument cluster *(→ Service interval display)* and in the vehicle settings in the Infotainment system *(→ Vehicle settings menu)*. The service interval display indicates when services that include an engine oil change or an inspection are due. When the oil change or inspection service is due, other procedures that are also due, such as brake fluid and spark plug replacement, can be performed.

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Information about operating conditions

The specified service intervals and procedures are determined based on normal operating conditions.

Under extreme operating conditions, it is necessary to have some work performed before the next service that is due or between the specified service intervals.

Extreme operating conditions may include:

— Sulfur fuel.

— Frequent short trips.

— Prolonged engine idling, such as taxis.

— Operating in areas with high dust levels

— Frequent use of trailer mode.

— Primarily stop-and-go driving, for example in the city.

— Heavy winter operation.

This especially applies to the following components(depending on the equipment):

— Active combination filters.

— Air filter

— Toothed belt

— Particulate filter

— Engine oil.

The service advisor at your authorized Volkswagen dealer or authorized Volkswagen Service Facility will advise you if your vehicle's operating conditions require procedures to be performed between the regular service intervals.

WARNING

Performing inadequate maintenance and disregarding service intervals can cause vehicle breakdowns while driving as well as accidents and serious or fatal injuries.

- Have all maintenance work performed by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Volkswagen is not responsible for damage to the vehicle caused by insufficient maintenance or a lack of available parts.

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Scope of service

All inspection work and maintenance procedures necessary to maintain your vehicle's operational safety and roadworthiness are included in the scope of services (depending on the operating conditions and vehicle equipment, such as engine, transmission, or operating materials). You can find out more information about which jobs are required for your vehicle from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Or find out from the electronic repairs and workshop information system erWin *(→ Repairs and technical modifications)*.

Inspection procedures

For example, the following systems can be checked.

Electrical equipment

— 12 V vehicle battery: replace if necessary.

— Lighting.

— Horn.

— Headlight adjustment.

— Resetting the service interval display.

Engine and transmission

— Exhaust system.

— Transmission and final drive.

— Ribbed belt.

— Cooling system.

— Engine and components in the hood space.

— Engine oil level.

Suspension

— Ball joints and tie rods.

— Tires.

— Brake system.

— CV boots.

— Coupling rods and stabilizer bars.

— Tire mobility set.

— Steering.

— Shock absorbers and coil springs.

Body

— Windshield.

— Vehicle body corrosion.

— Windshield wiper system and windshield washer system.

— Door arrester.

— Underbody.

1. Test drive.

Maintenance procedures

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In addition to the inspection procedures, additional maintenance procedures must be performed on your vehicle depending on the operating conditions and vehicle equipment, such as the engine, transmission, and operating materials. These are either *time-dependent* and *mileage-dependent*, or only *time-dependent* or *mileage-dependent*.

For example, the following operating materials or components can be changed.

— Additives.

— Active combination filters.

— Brake fluid.

— Transmission oil and transmission oil filter, if necessary.

— Air filter

— Engine oil and engine oil filter, if necessary.

— Oil in the final drive and differential.

— Particulate filter

— Toothed belt and tensioning roller.

— Spark plugs.

Additional maintenance procedures that are beyond the scope of what is listed can also be performed.

The scope of services may change for technical reasons, for example due to continuous development of components. Suitably qualified professionals can provide up-to-date information about changes. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Vehicle care information

Regular, proper care helps to maintain your vehicle.

The longer dirt remains on the surfaces of vehicle components, the more difficult it may be to clean and care for them. Long-term exposure can make it impossible for dirt to be removed.

For questions regarding care products or for vehicle components that are not listed, consult a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Suitably qualified professionals can provide you with suitable accessories. Volkswagen recommends the use of Genuine Volkswagen Accessories, which you can acquire from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Read and follow the usage instructions on the packaging.

⚠ WARNING

Cleaning, impregnating and caring for vehicle components incorrectly can irreparably damage and impair the vehicle's safety equipment, such as the airbag modules. This may cause serious injuries in the event of an accident.

- Always use suitable cleaning agents. More information can be obtained from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never use cleaning solutions that contain solvents.
- Clean and maintain vehicle components only according to the manufacturer’s instructions.

⚠ WARNING

Cleaning the vehicle incorrectly may result in serious injuries.

- Protect your hands and arms against components with sharp edges, for example when cleaning the inside of the wheel housings.
- Always follow the manufacturer's instructions when using cleaning agents.

⚠ WARNING

Dirty, foggy, or icy door windows reduce visibility and can impair the vehicle's safety equipment. This can cause accidents and serious or fatal injuries.

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- Only drive when there is clear visibility through all windows.
- Do not use water-repellent window solutions on the windshield. This can cause intense glare under poor visual conditions.

WARNING

Care products may be poisonous, highly flammable and corrosive. Using care products incorrectly or using unsuitable care products can cause burns and poisoning and may lead to accidents and serious or fatal injuries.

- Note the package insert.
- Only store care products in their sealed original containers.
- Keep children away from all care products.
- Only use care products outside or in well-ventilated areas so that no harmful vapors are inhaled.
- Never use turpentine, engine oil, fuel, nail polish remover, or other highly volatile fluids for vehicle care.

NOTICE

Cleaning dirt with aggressive and solvent-based products can cause permanent damage to vehicle equipment, for example even with only brief exposure on seat cushions or decorative parts.

- Do not allow dirt to dry.
- Have stubborn spots removed by a suitably qualified, authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Washing the vehicle

Washing your vehicle regularly prevents exposure to contamination, which may damage the paint.

Matte-finish vehicles require special care due to the particular properties of the paint.

To ensure that your vehicle is washed correctly and appropriately, note the following information→ , →.

WARNING

After the vehicle has been washed, the braking efficiency may be delayed due to damp or (in the winter) icy brake discs and brake pads. This will increase the braking distance. This can cause a loss of vehicle control, accidents, and serious or fatal injuries.

- Press the brake pedal carefully several times to dry the brakes and clear the ice from them, as long as the visibility, weather, road, and traffic conditions permit.

NOTICE

Improper car washes can increase the risk of severe vehicle damage.

- Always follow the steps described for vehicle care and cleaning.
- Always follow the manufacturer's instructions.
- Do not wash the vehicle in direct sunlight.

NOTICE

Wet vehicle components may freeze in cold weather, which will stop them from working properly.

- In cold weather, never direct a jet of water at locks, doors, or the trunk lid.

Removing stubborn dirt on matte paint

— Soak insects or bird excrement that have adhered to the surface immediately with water and spray with a special cleaner for matte paint.

— Remove tar splashes on the paint surface with commercially available tar removers. Residue must not be removed by intensive rubbing.

— Remove tree resin and rust particles with special cleaner for matte paint and a cleaning clay bar. Slide the cleaning clay bar over the affected areas without pressing down on it.

— Spray grease and fingerprints with matte paint finish spray and rub with a soft microfiber cloth.

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— Rinse gasoline residue immediately with plenty of water.

Automatic car washes

— If your vehicle has matte paint, never select a wash program with wax or drying aids.

— If your vehicle has matte paint, only use textile car washes, never brush car washes.

— For vehicle with decorative and protective decals, never use a wash package with hot wax.

— Choose car washes without brushes.

— Also ensure that the underside of the vehicle is washed regularly and thoroughly to remove any residue.

— Observe the information provided by the car wash operator, particularly with regard to attachments on the vehicle, e.g. spoilers →ⓘ.

✓ The windows are closed and the outside mirrors are folded in.

✓ The parking brake is released.

✓ Vehicles with steering lock: If the vehicle is mechanically towed in the car wash, the steering must not be locked *(→ Steering)*.

✓ Vehicles with an automatic transmission: If the vehicle is mechanically towed toward the car wash, the transmission must be in the neutral position **N**.

✓ Vehicles with manual transmission: If the vehicle is mechanically towed toward the car wash, the gear must be disengaged.

✓ The windshield wiper and the rain/light sensor *(→ Rain/light sensor)* are switched off.

✓ If applicable: the roof antenna has been removed.

NOTICE

Car washes which mechanically scan contours may damage the vehicle and attachments, e.g. spoiler.

- Follow the information provided by the car wash operator, especially if there are attachments on the vehicle.

Pressure washers



Fig. 1 In the hood space: do not use a pressure washer.

— Never use rotating nozzles. Observe the manufacturer's instructions.

— Only use water up to maximum +60 °C(+140 °F).

— Move the water jet evenly with a distance of at least 50 cm(20 inches) between the spray nozzle and all parts of the vehicle.

— Do not direct the water at the same spot for a long period of time.

— If possible, do not direct the water straight at sensitive vehicle components, e.g. rubber seals, side windows, glossy trims, tires, sensors, camera lenses, decorative and protective decals.

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— Never clean icy or snow-covered door windows with a pressure washer.

Hand washing

Individual contaminations on the paint can be removed with a cleaning clay bar.

1. Clean dust and large dirt deposits from the vehicle with plenty of water.
2. If your vehicle has matte paint, remove insects, grease spots and fingerprints with a special cleaner for matte paint. Apply the product using a microfiber cloth with gentle pressure.
3. Clean the vehicle with a soft sponge, a washing glove, or a washing brush with light pressure. Start at the roof, and continue to work from the top down. Only use a cleansing shampoo on stubborn dirt.

   If your vehicle has matte paint, clean from top to bottom with a neutral cleansing shampoo and a microfiber cloth. Wash the microfiber cloth thoroughly at frequent intervals.
4. Clean the wheels and side members with a clean sponge.
5. Rinse with plenty of water.
6. Let the vehicle air dry. Remove water residue with a leather cloth.

NOTICE

Washing the vehicle incorrectly can damage the paint surface and destroy the matte paint finish.

- Never use washing programs with wax treatment.
- Only use cleaning agents free of solids and abrasives, such as cleansing shampoos or insect removers, for cleaning purposes.
- Do not use insect sponges or rough sponges.

NOTICE

The plenum chamber drain can be blocked by leaves and dirt. Water that cannot drain may leak into the vehicle interior and cause damage.

- Remove leaves and other loose objects with a vacuum or by hand.
- Have the area under the perforated cover cleaned at regular intervals by an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Ensure that large amounts of water do not collect in the plenum chamber, for example if you use a pressure washer.

Only wash the vehicle in facilities specifically designed for that purpose. This will reduce the risk of water contaminated with oil from entering the sewer system.

NOTICE

Strong streams of water or vapor could activate the sensors in the door handles if a valid vehicle key is located near the vehicle. This may cause the windows to open and moisture may enter the vehicle interior. This could lead to damage to the vehicle interior.

- Never direct the jet of a high pressure cleaner or a steam jet directly towards the sensors in the door handles.

If the jet of a pressure washer or a steam jet is directed towards the sensors in the door handles, the vehicle can be unlocked.

Exterior care and cleaning

The following overview gives recommendations for cleaning and caring for individual vehicle components.

NOTICE

Incorrect cleaning and care can cause vehicle damage.

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- Always follow the manufacturer's instructions.
- Never use cleaning objects that are too hard or abrasive.

Door windows, glass surfaces

— Remove wax residue, for example from care products, with a suitable glass cleaner or the Volkswagen Genuine cleaning cloth.

— Remove snow with a hand brush.

— Remove ice with a plastic scraper. When doing so, scrape in one direction only.

— Defrost the ice with a suitable deicer or Volkswagen Genuine deicer.

— Clean the wiper blades or, if necessary, replace them.

Paint

Always treat surfaces with extreme care to prevent paint damage.

— Immediately clean any slight contamination, e.g. deposits, insect residues, cosmetics with a clean, soft cloth and mild soap solution of maximum two tablespoons of neutral soap to one liter of water or with cleaning clay.

— Clean spilled fuel or operating materials immediately.

— Dampen rust spots with soap solution. Then remove with a cleaning clay bar.

— Have corrosion removed by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

— In the event of paint damage, consult suitably qualified professionals and have the paint damage repaired. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

A preservation treatment protects the vehicle paint. When water no longer clearly beads up and drips off clean vehicle paint, the vehicle should be retreated with a wax protectant if not earlier.

— For matte paint, apply a special wax for matte paint with a soft sponge to the cleaned vehicle. Remove excess wax with a microfiber cloth.

Polishing is only needed if the appearance of the vehicle paint is poor and a shiny finish can no longer be achieved using protectants.

NOTICE

For matte finishes, the surface will be irreparably damaged if you polish the paint.

- Never polish matte-finish surfaces.

Even if a wax protectant is applied regularly in an automatic car wash, Volkswagen recommends protecting the vehicle paint at least twice a year with a suitable hard wax or Volkswagen Genuine hard wax.

Plenum chamber, hood space

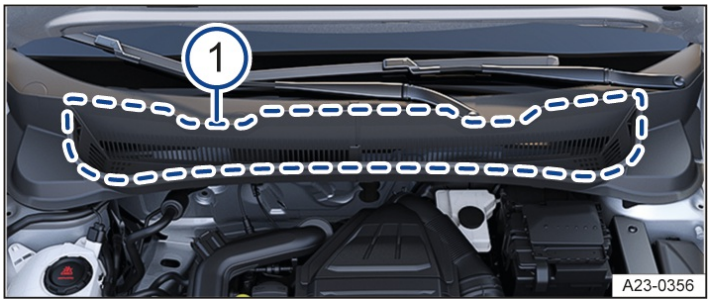


Fig. 1 Between the hood space and windshield: Plenum

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chamber (general example).

(1) Perforated cover of the water box.

WARNING

Working on the engine or in the hood space carries a risk of accidents and fire. Serious injuries may occur.

- Always note the necessary actions and the safety precautions every time before working in the hood space *(→ In the engine compartment)*.
- If you are not familiar with this type of work, arrange for it to be done by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

NOTICE

The plenum chamber drain can be blocked by leaves and dirt. Water that cannot drain may leak into the vehicle interior and cause damage.

- Have the area under the perforated cover regularly cleaned by an authorized Volkswagen dealer or authorized Volkswagen Service Facility qualified in this respect → *fig. 1* (1). Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

NOTICE

Water introduced manually into the plenum chamber, for example with a pressure washer, can cause considerable vehicle damage.

- Remove leaves or other loose objects with a vacuum or by hand→ *fig. 1* (1).
- Always have the hood space cleaned by an authorized Volkswagen dealer or authorized Volkswagen Service Facility qualified in this respect. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Sensors, camera lenses



Fig. 2 In the rear of the vehicle: Rear View Camera system on the handle (general example).

— Clean the area in front of the sensors or the camera with a soft cloth and solvent-free cleaning solution.

— Clean the sensor areas of the rain/light sensor, the camera window on the windshield and the glass surfaces (depending on the vehicle equipment).

— Remove snow with a hand brush.

— Never use warm or hot water.

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— Defrost the ice with a suitable deicer or Volkswagen Genuine deicer.

Decorative and protective decals

— Remove contaminants as described for paint. For matte decorative decals, use a suitable plastic cleaner or a Volkswagen Genuine plastic cleaner.
— Treat the vehicle every three months with liquid hard wax. The vehicle must be free of dirt and dust before treating. Apply using only clean, soft microfiber cloths. Do not use hot wax, even in a car wash.
— Hard contaminants: remove gently with ethyl alcohol and then wash with warm water.

For decorative and protective decals, the durability and coloring are influenced by environmental factors, such as solar radiation. Decorative decals may show signs of wear and aging after approximately one to three years, and protective decals after approximately two to three years. In very hot climates, the decorative decals may fade slightly within one year and the protective decals within two years.

Trims made out of chrome-plated plastic, aluminum or stainless steel

— Clean surfaces with a suitable chrome and aluminum product or Volkswagen Genuine chrome and aluminum products.
— Chrome-plated trims can be protected with a suitable hard wax or Volkswagen Genuine hard wax.

Headlights, taillights

— Remove contamination with a soft, damp sponge with a mild soap solution of maximum two tablespoons of neutral soap to one liter of water. Do not use cleaning solutions containing alcohol and/or solvents.
— Remove stubborn dirt with a suitable chrome and aluminum product or Volkswagen Genuine chrome and aluminum products.

Wheels

— Remove contaminants and road salt with plenty of water.
— Clean dirty alloy wheels with a suitable rim cleaner or with Volkswagen Genuine rim cleaner. Volkswagen recommends applying a suitable hard wax or Volkswagen Genuine hard wax to the rims every three months.
— Repair damaged protective paint layers immediately with a paint pen. If necessary, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
— Remove brake dust with a suitable rim cleaner or Volkswagen Genuine rim cleaner.

Door lock cylinder

1. Defrost the door lock cylinder with a suitable door lock deicer or Volkswagen Genuine deicer.

   Do not use any door lock deicers with degreasing substances.

Care and cleaning of the vehicle interior

The following overview gives recommendations for cleaning and caring for individual vehicle components.

NOTICE

Incorrect cleaning and care can cause vehicle damage.

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- Always follow the steps described for vehicle care and cleaning.
- Do not use steam cleaners, brushes, hard sponges, etc.
- Have tough spots removed by a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Door windows

— Clean the door window with a glass cleaner.

— Wipe the door windows dry with a clean chamois or a lint-free cloth.

Textiles, microfiber, leatherette

— Regularly remove dirt particles that adhere to the surface with a vacuum cleaner so that the material is not permanently damaged by scrubbing.

— Remove contaminants with a suitable interior cleaner or Volkswagen Genuine interior cleaner.

— For grease-based contaminants such as oil, use a suitable interior cleaner or Volkswagen Genuine interior cleaner. Blot away the dissolved grease or dye with an absorbent towel. If necessary, treat afterwards with water.

— For contaminants, for example from pens or nail polish, use a suitable interior cleaner or Volkswagen Genuine interior cleaner. If necessary, treat afterward with a mild soap solution of maximum two tablespoons of neutral soap in a liter of water.

— Never use leather cleaners, solvents, floor polish, shoe polish, paint remover, or other similar substances.

— Never use pressure washers, steam cleaners or cooling sprays.

Natural leather

— Remove fresh dirt with a cotton cloth and a mild soap solution of maximum two tablespoons of neutral soap in a liter of water. Do not let any fluids seep into the cracks.

— For contaminants, for example from pens or nail polish, use a suitable leather cleaner or Volkswagen Genuine leather cleaner.

— Treat dried spots with a suitable leather cleaner or with Volkswagen Genuine leather cleaner.

— Remove any fresh spots of grease such as oil with an absorbent cloth.

— Apply leather care to seats regularly and each time you clean. If leaving the vehicle parked for long periods of time, you should cover the leather to protect it from direct sunlight.

Never treat leather with solvents, floor polish, shoe polish, paint remover, or other similar substances.

Plastic parts

— Clean with a soft, damp cloth.

— If a mild soap solution of maximum two tablespoons of neutral soap in a liter of water cannot remove stubborn stains, use a solvent-free plastic cleaner or Volkswagen Genuine plastic cleaner, if necessary.

Trims, decorative trims made out of chrome, aluminum or stainless steel

— Clean using a clean, soft cloth and mild soap solution of maximum two tablespoons of neutral soap in a liter of water, in a dust-free area.

— Treat anodized surfaces with a suitable chrome and aluminum product or Volkswagen Genuine chrome and aluminum products.

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Controls

1. Use a soft brush to remove large dirt deposits as well as any dirt that is difficult to reach.
2. Use a clean, soft cloth and a fairly mild soap solution of maximum two tablespoons of neutral soap in a liter of water. Fluids must not enter into the controls.

Displays and screens

Do not clean the instrument cluster display and the Infotainment system screen when they are dry.

1. Turn off the Infotainment system temporarily to clean it.
2. Use a suitable cleaning cloth or Volkswagen Genuine cleaning cloth with some water, suitable glass cleaner, or an LCD

   cleaner.

Rubber seals

— Clean with a soft, lint-free cloth and plenty of water.

— Treat regularly with a suitable rubber care product or Volkswagen Genuine rubber care product.

Safety belts

1. Unreel the safety belt completely and leave the belt unreeled.
2. Remove large spots of dirt with a soft brush.
3. Clean the safety belt with a mild soap solution of maximum two tablespoons of neutral soap in a liter of water.
4. Let the belt webbing dry completely, then allow the belt to retract.

⚠ WARNING

Improper cleaning of the safety belts, their anchors and the automatic safety belt retractors can cause damage and impair their function. This can cause serious or fatal injuries in the event of accidents.

- Never alter the safety belts for cleaning purposes.
- Never use chemical products to clean the safety belts and their components.
- Do no use any corrosive fluids, solvents, or sharp objects.
- Do not allow fluids and objects to enter the safety belt buckle.
- Let the safety belt dry after cleaning before allowing it to retract completely.

Wood trims

Clean with a soft cloth and fairly mild soap solution of maximum two tablespoons of neutral soap in a liter of water.

Cleaning the seat covers

If dye from clothing such as denim stains the seat covers, this is not considered a defect in the vehicle upholstery. If you want to clean the seat covers yourself, be aware that airbag system components and electrical connectors are installed in the seat covers. Incorrect cleaning, impregnation or moisture may damage these components or cause them to malfunction. This may then cause damage elsewhere in the vehicle's electrical system →⚠.

Depending on the equipment, electrical components and connectors may be installed in the seat surface with seat heating, which can be damaged by incorrect cleaning or handling. This can also result in damage to other areas of the vehicle electrical system.

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— Never use pressure washers, steam cleaners or cooling sprays.

— Never soak seat covers.

— Never switch on seat heating to dry the seats.

— Never use impregnation agents.

— Do not use detergent pastes or mild detergent solutions.

— If there is uncertainty, contact suitably qualified professionals for assistance. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

Cleaning, impregnating and caring for vehicle components incorrectly can irreparably damage and impair the vehicle's safety equipment, such as the airbag modules. This may cause serious injuries in the event of an accident.

- Always use suitable cleaning agents. More information can be obtained from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Never use cleaning solutions that contain solvents.
- Clean and maintain vehicle components only according to the manufacturer's instructions.

Needless to say, it is easier to see signs of wear and dirt caused by normal usage on bright materials in the vehicle interior. These signs of use are unavoidable and also indicate the unavoidable deterioration caused by normal usage. Please follow the corresponding care instructions.

Accessories and replacement parts

Consult an authorized Volkswagen dealer or authorized Volkswagen Service Facility before purchasing Genuine Volkswagen Accessories, replacement parts, or operating equipment, for example if you would like to retrofit the vehicle with Genuine Volkswagen Accessories or if parts need to be replaced. The authorized Volkswagen dealer or authorized Volkswagen Service Facility is aware of legal regulations and factory recommendations for Genuine Volkswagen Accessories, replacement parts, and operating equipment. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Volkswagen recommends the use of Volkswagen original parts or Volkswagen original accessories, which you can acquire from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen has verified their reliability, safety, and suitability. A suitably qualified authorized Volkswagen dealer or authorized Volkswagen Service Facility also specializes in correct installation. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Products that are not approved by Volkswagen may not have been evaluated by Volkswagen regarding the reliability, safety, and suitability for the vehicle, despite ongoing market observation. Therefore, Volkswagen can also not be responsible in individual cases if approval is given by an officially-recognized technical inspection and control authority or clearance is given by a government agency.

You must consult a suitably qualified authorized Volkswagen dealer or authorized Volkswagen Service Facility to replace rim/tire combinations. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Retrofitted devices that have a direct effect on vehicle control, must have an e symbol (the approval symbol for the European Union) and be approved by Volkswagen for the vehicle. Such devices could include a cruise control system or an electronically-controlled damping system.

Additional electrical devices that do not have a direct effect on vehicle control must have a CE symbol (manufacturer's Declaration of Compliance for the European Union). Such devices could include refrigerators, computers, or ventilators.

WARNING

Using unsuitable replacement parts and accessories may lead to malfunctions in the vehicle. These problems may

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also occur if work, modifications and repairs are done incorrectly. This could lead to damage to the vehicle and accidents resulting in serious or fatal injuries.

- Only have suitably qualified professionals make repairs or modifications to a vehicle. Authorized Volkswagen dealers and authorized Volkswagen Service Facilities have the required tools, diagnostic devices, repair information, and qualified personnel. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Only install parts on the vehicle whose design and function are identical to the parts installed at the factory.
- Only use rim/tire combinations that are approved by Volkswagen for your vehicle model. More information can be obtained from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

WARNING

Objects in the airbag deployment zone may be thrown around the vehicle interior if the airbags deploy. This can cause serious or fatal injuries.

- Never attach or position objects in the airbag deployment zone.

NOTICE

Retrofitting an engine preheating system may cause malfunctions and vehicle damage with certain engines.

- Consult an authorized Volkswagen dealer or authorized Volkswagen Service Facility about retrofitting an engine preheating system. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Sensors and Cameras

The sensors or cameras could shift or become damaged as a result of incorrect repairs, structural changes to the vehicle (such as “lowering”), installation of after-market equipment, or changes to the trim panels. This may impair important functions in the driver assistance systems →⚠.

— When carrying out repairs or modifications, please note the positions of sensors and cameras on the vehicle in the vehicle overview.

Attachments or Modifications around Sensors and Cameras

WARNING

If the area in front of and around sensors and cameras is covered, for example by the improper attachment of license plates, license plate holders with decorative frames, any additional films or paintwork on the sensors or similar, this may impair the functions of the driver assistance systems. The failure of driver assistance systems can result in accidents and serious or fatal injuries.

- Always contact suitably qualified professionals to find out whether it is possible to attach a license plate or license plate holder with a decorative frame to your vehicle. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- When attaching, make sure that there is sufficient distance from sensors and cameras.
- Make sure that the license plate or license plate holder with decorative frame is only attached at the designated position.
- Do not stick additional films over or around sensors.

NOTICE

Improper attachment of license plate holders with decorative frame or license plates may damage vehicle components, e.g. wires or sensors.

- Always contact suitably qualified professionals to find out whether it is possible to attach a license plate or license plate holder with a decorative frame to your vehicle. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Decorative frames for license plate holders are designed for holding the license plate.

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The Volkswagen emblem can impede the view of the radar sensors to the front on some vehicle versions. Therefore only operate the vehicle with the original Volkswagen emblem or an emblem approved by Volkswagen.

Damage around Sensors and Cameras

⚠ WARNING

If the area around sensors and cameras is damaged, for example due to stone chips or collisions when parking, this may impair the functions of the driver assistance systems. The failure of driver assistance systems can result in accidents and serious or fatal injuries.

- If there is damage in the area of the sensors and cameras, have the component replaced by a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

After components have been replaced, it may be necessary for sensors and cameras to be set and calibrated by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

If the windshield is damaged within the sensors' and camera's range, for example by a stone chip, then the windshield must be replaced. Stone chip repairs can cause malfunctions in the driver assistance system. After the windshield has been replaced, the cameras and sensors must be set and calibrated by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Repairs and technical modifications

Volkswagen guidelines must be followed when performing repairs and technical modifications→⚠.

Interference with electronic components and their software can 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.

An authorized Volkswagen dealer or authorized Volkswagen Service Facility cannot assume any liability for damage resulting from repairs and technical modifications that were performed incorrectly.

An authorized Volkswagen dealer or authorized Volkswagen Service Facility is not responsible for damage resulting from repairs and technical modifications that were performed incorrectly. Such damages are also not covered by the Volkswagen warranty.

Have all repairs and technical modifications performed by suitably qualified professionals. Volkswagen recommends contacting your authorized Volkswagen dealer or authorized Volkswagen Service Facility for Volkswagen Genuine Parts®.

Volkswagen repair information

Volkswagen service information and official Volkswagen repair information can be purchased.

Customers in Europe, Asia, Australia, Africa, Central and South America:

Contact suitably qualified professionals for assistance. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Or register with the erWin (electronic repair and service information) web portal:

https://erwin.volkswagen.de

Customers in North America and Canada:

If you wish to order the printed service information, please contact:

Volkswagen Technical Literature Ordering Center

literature.vw.com

You can also register for theerWin web portal:

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Diagnostic connection (on-board diagnosis)

In the vehicle interior, there is a diagnostic connection (OBD

) to read event memories. Event memories document faults that have occurred and deviations from specified values from the control module →⚠.

The diagnostic connection (OBD

) is located in the footwell on the driver's side on the underside of the instrument panel or next to the hood release lever behind a cover.

Only have the event memory read out and reset by suitably qualified professionals. Additional information about the saved data can be obtained from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

After a malfunction is fixed, the information about it will be deleted from the event memory. Other memory content is overwritten continuously.

Vehicles with special modifications and mountings

The attachment and mounting manufacturer should make sure that the applicable environmental laws and regulations are met for the attachments and mountings, especially the EU directive 2000/53/EG about old vehicle and EU directive 2003/11/EG about market introduction restrictions and the use of certain hazardous materials and compounds.

The installation instructions for any retrofitted equipment should be saved by the vehicle owner and provided to the removal facility if the vehicle is scrapped. This ensures that even vehicles with retrofitted equipment will be disposed of in a way that will not harm the environment.

Engine/motor protection

Engine/motor protection can reduce the risk of damage to the vehicle underbody and the oil pan, for example if driving over curbs, entering driveways, or on unpaved roads.

Have the retrofitting work performed by suitable qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Engine/motor protection may not be available in all countries.

⚠ WARNING

Repairs and modifications to the vehicle that are performed incorrectly can impair the effectiveness of the driver assistance systems and deploying airbags. This can cause malfunctions and accidents and serious injuries or death.

- Only have suitably qualified professionals make repairs or modifications to a vehicle. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

Repairs and modifications to the vehicle that are performed incorrectly, for example due to the use of unsuitable parts, may cause vehicle damage, accidents, and serious or fatal injuries.

- Only install parts on the vehicle whose design and function are identical to the parts installed at the factory.
- Only use rim/tire combinations that are approved by Volkswagen for your vehicle model. More information can be obtained from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Only have suitably qualified professionals make repairs or modifications to a vehicle. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Volkswagen recommends the use of Volkswagen original parts or Volkswagen original accessories. Volkswagen has verified their reliability, safety, and suitability.

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⚠ WARNING

Incorrect use of the diagnostic connection may cause malfunctions, resulting in accidents and serious or fatal injuries.

- Never read out the event memory yourself using the diagnostic connection.
- Never load data yourself using the diagnostic connection in the vehicle.
- Only have the event memory read out with the diagnostic connection by suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Airbag system repairs and situations that can affect the system function

Volkswagen guidelines must be followed when performing repairs and technical modifications→⚠.

Only have modifications and repairs on the front bumper, doors, front seats, headliner, or vehicle body performed by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Airbag system components and sensors may be located on these vehicle components.

Airbag system components can be damaged during all procedures on the airbag system and when removing and installing system components while performing other repair procedures. This may prevent the airbags from deploying or cause them to deploy incorrectly in the event of an accident.

The instructions must be followed so that the effectiveness of the airbags is not impaired and removed components do not cause injuries and environmental pollution. An authorized Volkswagen dealer or authorized Volkswagen Service Facility will be familiar with these provisions. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

A modification to the vehicle suspension can impair the functionality of the airbag system during a collision. For example, using a rim/tire combination that is not approved by Volkswagen, lowering the vehicle, or changing the suspension stiffness including the springs, suspensions struts, shock absorbers, etc., can change the force that is measured by the airbag sensors and transmitted to the electronic control module. For example, some changes to the suspension can increase the force measured by the systems and trigger the airbag system in accidents where the airbags would normally not be deployed if the modifications had not been made. Other modifications can reduce the force measured by the sensors and prevent the airbag from deploying when it should have deployed.

⚠ WARNING

Using unsuitable replacement parts and accessories may cause damage and malfunctions in the vehicle and impair the effectiveness of the airbag system. These problems may also occur if work, modifications and repairs are done incorrectly. This could lead to damage to the vehicle and accidents resulting in serious or fatal injuries.

- Only have suitably qualified professionals make repairs or modifications to a vehicle. Authorized Volkswagen dealers and authorized Volkswagen Service Facilities have the required tools, diagnostic devices, repair information, and qualified personnel. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.
- Note that the airbag module cannot be repaired but must instead be replaced.
- Never install airbag components removed from old vehicles or from recycling.
- Only install parts on the vehicle whose design and function are identical to the parts installed at the factory.

⚠ WARNING

Modifications to the vehicle suspension including using a rim/tire combination that is not permitted may change the functionality of the airbag. This can cause serious or fatal injuries in the event of an accident.

- Never install suspension components that do not have the same properties as the original parts installed in the vehicle.
- Only use rim/tire combinations that are approved by Volkswagen for your vehicle model. More information can be obtained from suitably qualified professionals. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Mobile phone usage in the vehicle

Electromagnetic waves

When using a mobile phone or radio equipment without connecting to the exterior antenna, the electromagnetic waves will not be deflected outward in an optimum way. Increased waves in the vehicle interior can occur, especially when reception is poor, for example in rural areas. This could be a potential health risk →⚠.

Depending on the equipment, it may be possible to use a suitable telephone interface to connect the mobile phone to the exterior antenna. This will improve the connection quality and increase the range.

Using a phone

In many countries, using a phone in the vehicle is only permitted if there is a hands-free connection, for example using a Bluetooth® connection. Before using the phone, secure it in a suitable holder→⚠ or store it in a storage compartment, such as in the center console, to prevent it from sliding around.

Radio

If operating radio devices, follow the legal regulations and the user guide from the manufacturer. The aftermarket installation of radio devices is subject to approval.

Contact qualified professionals for more information about installing radio equipment. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

Mobile devices that are loose or not secured correctly can be thrown through the vehicle interior during sudden driving or braking maneuvers or in the event of a collision and cause severe injuries.

- Secure or store the mobile phone and accessories safely and outside of the deployment range of the airbags.

⚠ WARNING

Using a cell phone or radio equipment without a connection to an external aerial may create electromagnetic energy inside the vehicle that exceeds permissible limits. This also applies if the exterior antenna is not installed correctly. This may be dangerous to your health and that of the other vehicle occupants.

- Maintain a minimum distance of approx. 20 cm(approx. 8 inches) between the device antennae and any active medical implants, such as pacemakers.
- Do not carry a mobile device that is turned on directly above or in the immediate vicinity of any active medical implants, for example by keeping a phone in a shirt pocket.
- Switch off the mobile device immediately if you suspect there is interference with an active medical implant or other medical device.

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Volkswagen dealer warranty

Authorized Volkswagen dealers or authorized Volkswagen Service Facilities guarantee that vehicles purchased from them are free of defects and meet warranty requirements.

Please find details of the guarantee and warranty conditions in your sales contract or contact your authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Paint and vehicle body warranty

Authorized Volkswagen dealers and authorized Volkswagen Service Facilities provide warranties for paint or vehicle body defects in purchased vehicles.

In addition to the warranty conditions for factory-delivered Volkswagen automobiles, in accordance with the sales contract, authorized Volkswagen dealers and authorized Volkswagen Service Facilities provide warranties for paint defects and corrosion perforation in the vehicles they sell.

— A three-year warranty for paint defects.

— A twelve-year warranty for corrosion perforation. Corrosion perforation in this context means corrosion that perforates through the metal on the body, which forms from the inside (hollow space) to the outside.

If this type of damage occurs, it will be repaired by any authorized Volkswagen dealer or authorized Volkswagen Service Facility without charging for labor or materials.

Exclusion of warranty

Warranty claims are not valid in the following situations:

— If damage is caused by external factors or insufficient vehicle care

— If there are body or paint defects that were not corrected in a timely manner according to the manufacturer's specifications

— If the corrosion was caused by body repairs that were not performed according to the manufacturer's specifications

After body or paint repair has been performed by an authorized Volkswagen dealer or authorized Volkswagen Service Facility, they will provide a warranty against corrosion in the serviced area.

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LongLife mobility guarantee

In many European countries, the authorized Volkswagen dealer or authorized Volkswagen Service Facility provides a comprehensive LongLife mobility guarantee for all factory-delivered vehicles that it sells. This applies from delivery until your first inspection service is due.

If you purchase your new vehicle directly from Volkswagen, Volkswagen will provide you with the LongLife mobility guarantee, which is valid from when you take possession of the vehicle and lasts until its first inspection is due.

Each time your vehicle is due to be inspected and you have it inspected by your authorized Volkswagen dealer or authorized Volkswagen Service Facility, they will renew the LongLife mobility guarantee until the next inspection is due. The service cost covers the cost of the entire service package.

For details of the terms, conditions and scope of the LongLife mobility guarantee, contact your authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Declaration of conformity

With this document, the manufacturer declares that the components listed in the following are in compliance with the basic requirements and other relevant regulations and laws at the time of production of the vehicle.

Components

— 12 V socket

— Depending on the equipment and the country, additional sockets with a voltage of 100–230 V *(→ Sockets)*.

Placing Finished Products on the British Market (England, Wales, and Scotland):

UK CA

UKCA marking (UK Conformity Assessed) is a new British product marking used for products being placed on the market in Great Britain (England, Wales, and Scotland).

British regulations for product safety and metrology

Various devices are installed in this vehicle that are subject to UKCA product regulations. The importer of these devices for the British market in the United Kingdom as per the product safety and metrology regulations for the sections below is:

Volkswagen Group United Kingdom Ltd.

Yeomans Drive, Blakelands

Milton Keynes, MK14 5AN

United Kingdom

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Data Storage and Data Protection Information

Data processing in the vehicle

Electronic control modules are installed in your vehicle. Control modules process data, such as data received by vehicle sensors, self-generated data, or data exchanged between control modules. Some control modules are required to ensure the safe operation of your vehicle. Other control modules assist you while driving (driver assistance systems), and others provide convenience functions or additional Infotainment system functions.

Operational data in the vehicle

Control modules process assigned data necessary for the vehicle operation.

Amongst other, this includes:

— Vehicle status information, e.g. movement delay, deactivation times of speed warning function, safety belt wearing display.
— Environmental conditions, such as temperature, data from sensors for Adaptive Cruise Control(ACC).

Generally, image recordings and other data intended for specific purposes is temporary, is only processed within the vehicle and is not stored.

However, in addition, control modules can contain a data memory to temporarily or permanently record information about vehicle status, component load, maintenance needs, technical incidents, and malfunctions.

The following information may be stored, depending on vehicle equipment:

— Operating conditions of system components, such as fluid levels, tire pressures, and vehicle battery status.
— Malfunctions and faults in important system components, such as lights and brakes.
— System reactions in special driving situations, such as airbag deployment and interventions by driver assistance systems.
— Information about incidents that cause damage to the vehicle.

In some cases, like if the vehicle detected a malfunction, it may be necessary to store data that would otherwise be temporary.

If you utilize services such as repair or maintenance services, the stored operational data associated with the VIN *(→ Vehicle Identification Number (VIN))* may be read out and used if necessary. Employees in the service network, such as employees at authorized Volkswagen dealers or authorized Volkswagen Service Facilities or at third party companies like roadside assistance services, can read out data from the vehicle. The same applies for warranty cases and quality assurance measures.

The data is read out using theOBD

(on-board diagnosis) connection that is legally required to be in the vehicle. The operational data that is read out documents the technical status of the vehicle or individual components and assists with vehicle diagnosis, with meeting warranty requirements, and with quality improvement. This data, particularly information about wear and tear of components, technical incidents, operating errors, and other malfunctions, is transmitted together with the VIN to Volkswagen if appropriate. In addition, Volkswagen may use this data for reasons of product liability and product safety, such as for recalls. This data can also be used to verify customer claims concerning warranties and guarantees.

The event memory in the vehicle can be reset by a service facility during a repair or service procedure or by request.

Personal reference

Applies to countries of the European Union where the General Data Protection Regulation is in effect:

Every vehicle is labeled with a unique VIN(Vehicle Identification Number) *(→ Vehicle Identification Number (VIN))*. This vehicle identification number can be traced back to the current and former owners of the vehicle by providing it to the relevant authorities. There are also other ways data collected by the vehicle can be traced back to the owner or

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driver, such as through the license plate.

Therefore, the data processed or generated by the control modules can have personal references or become personalized under certain conditions. Depending on the present vehicle data, it could be possible to come to conclusions about your driving behavior, your location or driving route, or to user handling.

Your data protection rights

Applies to countries of the European Union where the General Data Protection Regulation is in effect:

According to applicable data protection rights, you have certain rights with Volkswagen if your personal data is being processed.

Therefore, you have a right to obtain free and comprehensive information from Volkswagen and third parties, such as contracted roadside assistance services, authorized Volkswagen dealers or authorized Volkswagen Service Facilities, or mobile online service providers in the vehicle, if they have saved personal data about you. You can request information about which data is stored about you and why it was stored, as well as where the data originated. Your right to obtain information also includes the transmission of data to other locations.

Data that is only stored locally in the vehicle can be read out by means of specialist support, e.g. by specially qualified professionals, sometimes for a fee. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Additional information about your legal rights, such as your right to deletion or authorization of data, can be found in the applicable data privacy notices on the Volkswagen website. The contact information and a note about the parties engaged in data privacy are also included here.

You can find detailed information on data processing in the privacy policy in your Infotainment system under Menu ▸ Legal or Home ▸ Legal.

Legal requirements for disclosure of data

Applies to countries of the European Union where the General Data Protection Regulation is in effect:

As the vehicle manufacturer, Volkswagen AG is legally obliged to deliver the following information regarding the use of driver assistance systems, e.g. ACC

to the responsible authority:

- Proportional ratio of the times or distances driven with the driver assistance systems switched on and off.
- Proportional ratio of the times or distances driven when complying with or exceeding the detected speed limits.
- If necessary, the average time between the activation and deactivation of the driver assistance system by the driver.

The data mentioned is read out from vehicles by an authorized Volkswagen dealer or authorized Volkswagen Service Facility when visiting the specialist workshop and transmitted to Volkswagen AG. Volkswagen AG processes this data such that there is no longer direct reference made to you, your vehicle or vehicle identification number. The information processed in this way is delivered by Volkswagen AG to the responsible authority, which processes the data in order to meet the statutory duties.

To the extent of the legal regulations, Volkswagen is principally obligated to provide stored data when requested by state authorities in given cases, like when information is needed to resolve a crime.

Within the scope of applicable rights, state authorities are also authorized to read out data from the vehicles in individual cases. For example, in the event of a collision, information could be read out from the airbag control module to help clarify the situation.

Reprogramming control modules

Applies to countries of the European Union where the General Data Protection Regulation is in effect:

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All data for controlling components is generally stored in the control modules. Some convenience functions can be reprogrammed using special workshop equipment. If convenience functions are reprogrammed, the corresponding information and descriptions in this Owner's Manual will no longer match the original functions. The reprogramming can entered into the digital maintenance schedule by an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Information about possible reprogramming can be obtained from an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Comfort Functions

Applies to countries of the European Union where the General Data Protection Regulation is in effect:

Comfort settings (personalization) in the vehicle can be stored, changed, derived from use of online services within the vehicle, reset or deleted.

Depending on the equipment, they may include:

— Seat and steering wheel position settings.

— Suspension and climate control settings.

— Customizations such as mirror and ambient lighting settings.

Infotainment system

Applies to countries of the European Union where the General Data Protection Regulation is in effect:

Within the scope of the selected equipment, you can import data into the vehicle Infotainment system.

Depending on the equipment, they may include:

— Media data for playing music, movies, or photos in an Infotainment system.

— Contact details to use in conjunction with a hands-free system or a navigation system.

— Entered destinations.

— Data about online service usage.

This data can be stored locally in the vehicle or on a device you have connected to the vehicle,such as a cell phone, USB flash drive, or MP3 player. If this data is stored in the vehicle, you can delete it at any time.

This data is only transmitted to third parties upon your request, particularly when using online services corresponding to your selected settings.

Cell phone integration

Applies to countries of the European Union where the General Data Protection Regulation is in effect:

If your vehicle is equipped accordingly, you can connect your cell phone or another mobile device to the vehicle. This feature allows you to control your mobile device using the controls integrated in the vehicle. The image and sound from the cell phone can be played through the Infotainment system. At the same time, certain information will be transferred to your cell phone. Depending on the type of integration, this may include the positioning data and other general vehicle information. Inform yourself about the topic of the display of apps in the Infotainment system.

This feature allows you to use selected apps from the cell phone, such as navigation or music services. An additional interaction between the cell phone and the vehicle does not happen, particularly an active access to vehicle data. The type of additional data processing is determined by the provider of the app in use. If and which settings can be applied depend on the respective app and the operating system on your cell phone.

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Online services

Applies to countries of the European Union where the General Data Protection Regulation is in effect:

If your vehicle has a mobile network connection, then this enables the transfer of data between your vehicle and other systems. The mobile network connection is made possible by a transceiver in the vehicle or by your mobile devices, like cell phones. Online functions can be used with this mobile network connection. This includes online services and apps that are provided by Volkswagen or by other providers.

Services from the manufacturer

Applies to countries of the European Union where the General Data Protection Regulation is in effect:

The respective functions of Volkswagen online services are described by Volkswagen in a suitable location, like in a separate service description or online. The applicable data privacy information is also provided there. Personal data may be used for the provision of online services. This data transfer occurs through a secure connection, for example with the IT systems designed for this purpose by the manufacturer. The collection, processing, and usage of personal data for the purpose of providing services only occurs on the basis of a legal agreement, a contractual understanding, or consent.

You can partially activate or deactivate paid services and functions, and in some cases, the entire data connection for the vehicle. Legally-required functions and services like the emergency call systems are excluded from this.

Third party services

Applies to countries of the European Union where the General Data Protection Regulation is in effect:

If there is an option to use online services from a provider other than the manufacturer, then these services, the data privacy policy, and usage conditions are the sole responsibility of the respective provider. Volkswagen does not have any influence on the data processing and the content transferred in this case.

Familiarize yourself with the type, scope, and purpose of the collection and usage of personal data by these third party services from the respective service provider.

Event data recorder (EDR)

This vehicle is equipped with an event data recorder (EDR

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

— How various systems in your vehicle were operating;

— Whether or not the driver and passenger safety belts were 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.

In addition, data from the driver assistance systems is also collected. In addition to information about whether these systems were switched on or off, had limited availability, or were inactive, it can also be understood if these functions steered, accelerated, or braked the vehicle in the situations listed above. Depending on the vehicle equipment, systems may include:

— Adaptive Cruise Control (ACC
).
— Lane Assist

— Park Assist.

— Parking systems

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— Autonomous Emergency Braking Function (Front Assist)

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 theEDR 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.

Volkswagen will not access, read or process the event data recorder(EDR) data unless the vehicle owner gives permission. This excludes contractual or legal regulations.

Due to the legal obligation to monitor products, Volkswagen is allowed to use data for field observation as well as for research purposes and quality improvement of vehicle safety systems. For research purposes, Volkswagen provides the data to third parties in an anonymous format. This means the data does not reference the individual vehicle or the vehicle owner.

Infotainment system and aerials

The aerials for the Infotainment system are fitted in various places in the vehicle:

— On the inside of the rear window.

— On the roof of the vehicle

Antennas on the inside of the window glass can be detected as thin wires.

NOTICE

Antennas that are located on the inside of the window glass can be damaged by abrasive objects or by corrosive and acidic materials.

- Never apply stickers over metal wires, for example on the rear window.
- Never clean the antennas with corrosive or acidic materials.

NOTICE

A retrofitted Infotainment system that is incompatible with the antenna amplifier installed in the vehicle by the manufacturer may damage the antenna amplifier.

- Before retrofitting an Infotainment system, contact an authorized Volkswagen dealer or authorized Volkswagen Service Facility. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Component protection

Some electronic components and control modules, such as the Infotainment system, are equipped with component protection at the factory.

The component protection allows suitably qualified professionals to legitimately install or replace components and control modules. Volkswagen recommends contacting your Volkswagen dealership.

In the following situations, component protection reduces the risk of components supplied by the factory being operated without restrictions outside the vehicle.

— Installation in other vehicles, for example the components have been stolen

— Operating components outside of the vehicle

If a message about component protection appears in the instrument cluster display or on the Infotainment system screen, contact a suitably qualified professional for assistance. Volkswagen recommends contacting your Volkswagen dealership.

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Third Party Copyright Information

https://www.volkswagen.com/softwareinfo

Some products installed in this vehicle contain software components that are covered under Open Source licenses.

A list of the Open Source software components being used, including copyright information, the relevant Open Source license conditions, and those applicable license texts, are available at the website given above. The source code of specific Open Source software components can be requested from the vehicle manufacturer. The manufacturer will provide the source code in accordance with the relevant license conditions, whereby you will only be charged for the provision costs, e.g. delivery costs. The required information can be obtained at the website given above.

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Labels and signs

Factory installed labels and plates with important information regarding vehicle operation are located in the engine compartment and on several vehicle components.

— Never remove these labels and signs or make them illegible.

— If vehicle components equipped with labels and signs are replaced, suitably qualified professionals must place identical labels and signs correctly in the same locations on the new components. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Safety certificate

A safety certificate on the driver's door jamb specifies all necessary safety standards and guidelines of the traffic safety authorities in the applicable country at the time of manufacture. The month and year of production as well as the VIN may also be listed. Read the information in the Owner's Manual *(→ Safety certificate)*.

WARNING

Removing labels and signs reduces the amount of information about potential hazards and may cause reduced vigilance when working on the vehicle. This can cause serious or fatal injuries.

- Never remove these labels and signs or make them illegible.
- Follow the legal regulations.
- Follow the Owner's Manual instructions.

NOTICE

Removing labels and signs increases the risk of operating errors and can cause damage to the vehicle.

- Never remove these labels and signs or make them illegible.
- Follow the legal regulations.
- Perform service according to the specifications.

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Fluids in the air conditioning system

Refrigerant in the air conditioning system

The label in the hood space provides information about the type and amount of refrigerant used in the vehicle air conditioner. The label is in the front section of the hood space near the refrigerant filler tubes →⚠.

Refrigerant oil in the air conditioner

The air conditioner is filled with refrigerant oil. For information about the type and volume of refrigerant oil used, contact a suitably qualified professional. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility *(→ Repairs and technical modifications)*.

⚠ Warning: the air conditioning system must only be serviced by qualified technicians.

Refrigerant type.

Type of refrigerant oil.

See service information (only available for authorized Volkswagen dealers and authorized Volkswagen Service Facilities).

The air conditioning system must only be serviced by qualified technicians.

Flammable refrigerant.

Make sure all components are disposed of correctly and never install components removed from old vehicles or from recycling in the vehicle.

⚠ DANGER

Maintenance of the air conditioner carried out by non-qualified personnel may endanger its operation and cause serious or fatal injuries.

- Only allow the air conditioner to be serviced by suitably qualified professionals who have been trained according to the required national standards, e.g. SAE standard J2845.
- Follow the service intervals specified by Volkswagen. Contact suitably qualified professionals for assistance. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ DANGER

The refrigerant is flammable and may cause serious or fatal injuries if maintenance is carried out incorrectly.

- Only have the air conditioner serviced by qualified professionals.
- Keep the vehicle away from naked flames, sparks and other ignition sources.

⚠ DANGER

The refrigerant is under pressure and may explode if heated. This may cause serious or fatal injuries.

- Only have the air conditioner serviced by qualified professionals.
- Keep the vehicle away from naked flames, sparks and other ignition sources.

⚠ DANGER

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The refrigerant may form toxic fumes if it comes into contact with hot surfaces. Inhaling them may cause poisoning or even death.

- Only have the air conditioner serviced by qualified professionals.

NOTICE

Repairing or replacing the evaporator with replacement parts from scrap vehicles or recycled parts may damage the air conditioner.

- Never have repairs to the evaporator carried out with replacement parts from scrap vehicles or recycled parts.

Information under the EU's REACH chemicals regulation

On the basis of the European chemical law regulationREACH

, Volkswagen wishes to inform you about materials that your vehicle may contain.

By entering your vehicle identification number, you can access this information on the Internet :

https://reachinfo.volkswagen.com

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Product recycling

Disposal of Old Batteries

Old batteries must be collected and recycled separately by the end user. These batteries are indicated by the crossed-out wheeled garbage can symbol. You, as the end user, are legally obliged to return old batteries→ ⚠.

— In EU member states and other states, device and vehicle batteries can be handed in to an authorized Volkswagen dealer or authorized Volkswagen Service Facility or authorized recycling systems.

— You can obtain more information on return and recycling from your authorized Volkswagen dealer or authorized Volkswagen Service Facility, or at:

https://www.volkswagen.com

Disposal of Old Electric/Electronic Devices

Your vehicle contains electric/electronic devices, such as remote controls. You can recognize these from the symbol of the crossed-out wheeled garbage can.

Old devices with this marking must be collected separately from normal household garbage and disposed of in accordance with legal requirements. You can hand these in at local collection points or nationally commissioned return systems if applicable.

In Germany, businesses with a retail space of 400 m² or more for electrical appliances and food stores with a total retail space of 800 m² and that offer new electrical devices are obliged to accept the return of such devices free of charge. When they purchase a new device, the end user is permitted to return an equivalent old device. This also applies to deliveries to private households and Internet sales. Small old devices can be returned to stores without making a new purchase. Your authorized Volkswagen dealer or authorized Volkswagen Service Facility is also obliged to accept to three old devices with a side length of less than 25 cm free of charge.

— Batteries or bulbs within devices that are not permanently installed must be removed beforehand and disposed of accordingly.

— Any saved personal data must be erased before disposal of old devices.

You can obtain more information on return and recycling from your authorized Volkswagen dealer or authorized Volkswagen Service Facility.

⚠ WARNING

If batteries containing lithium are damaged, gaseous or liquid substances may escape, posing a significant risk to health and the environment. A short circuit at the battery terminal may result in a fire or explosion. This could result in serious or fatal injuries.

- Take extreme care when handling batteries containing lithium.
- Never heat up lithium-containing batteries.
- Never damage lithium-containing batteries.
- Never short circuit the battery terminals.

Batteries containing heavy metals are marked with the chemical symbols Hg (mercury), Cd (cadmium) and/or Pb (lead). Heavy metals can be harmful to the health of humans and animals and accumulate in the environment.

- In order to avoid these consequences, it is imperative to ensure you collect batteries separately and return them properly.

Recycling Information For France

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Fig. 1 Recycling information for France.

Observe the recycling information → *fig. 1*, which includes the following objects:

— Vehicle key

— Valet keycard



Fig. 2 Recycling information for France.

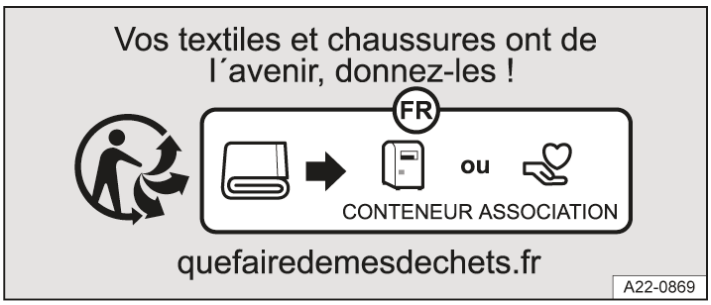


Fig. 3 Recycling information for France.

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Observe the recycling information → *fig. 2*, → *fig. 3* for accompanying documentation and packaging or bags. This recycling information includes the following objects:

— Manual

The Triman logo and Infotri symbol contain important sorting information for the end consumer.

Old vehicle return and scrap disposal

Old vehicle return

At the end of its life cycle, your vehicle should be recycled/disposed of in an environmentally friendly manner. This is why the last owners of vehicles in the EU and many other states are legally obliged to hand their vehicles over to a recognized collection point, recycling center or recognized removal facility.

Volkswagen has already made provision for this point:Recycling centers where you can hand over your vehicle are available throughout all EU states and many other states. If you are fulfilling national legal requirements, handing over your scrap vehicle within the EU is free of charge for you.

The recycling center issues a recycling certificate, which provides you with proof that the scrap vehicle has been processed properly.

Find out more information about recycling centers from your authorized Volkswagen dealer or authorized Volkswagen Service Facility.

Scrap disposal

If scrapping the vehicle or its individual parts such as the airbag system and the safety belt pretensioners, the applicable safety regulations must always be followed. Suitably qualified professionals will be familiar with these provisions. Volkswagen recommends contacting an authorized Volkswagen dealer or authorized Volkswagen Service Facility.

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Simplified EU declaration of conformity

Your vehicle has various radio systems. The manufacturer of these radio systems declares that these systems meet the legal requirements of directive 2014/53/EU.

The complete text of the EU declaration of conformity can be found at the following website:

www.volkswagen.com/generalinfo CE

Radio systems with this marking must be collected separately from normal household garbage and disposed of in accordance with legal requirements. You can hand these in at local disposal facilities or nationally commissioned return systems if applicable *(→ Product recycling)*.

Symbol for limited use of certain hazardous substances in electrical and electronic devices in accordance with the RoHS

directive.

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Manufacturer addresses

For components on which the manufacturer address cannot be displayed due to their size or nature, where legally required, the relevant manufacturer addresses are listed below:

Door handle with NFC radio technology

HELLA GmbH & Co. KGaA

Rixbecker Straße 75

59552 Lippstadt

GERMANY

WITTE VELBERT GmbH & Co. KG

Höferstraße 3-15

42551 Velbert

GERMANY

Remote control operation (auxiliary heater), auxiliary heater (transceiver)

Digades GmbH

Äußere Weberstraße 20

02763 Zittau

GERMANY

Webasto Thermo & Comfort SE

Friedrichshafener Straße 9

82205 Gilching

GERMANY

Bury GmbH & Co. KG

Robert-Kochstraße 1-7

32584 Löhne

GERMANY

Tire pressure sensors

HUF Baolong Electronics Bretten GmbH

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Gewerbestraße 40

75015 Bretten

GERMANY

Wireless charging function

Molex Technologies GmbH

Mizarstrasse 3

12529 Schönefeld

GERMANY

Bury Sp. Z o.o.

Wojska Polskiego 4

39-300 Mielec

POLAND

BCS Automotive Interface Solutions(Suzhou) Co., Ltd.

No. 2052 Taidong Road Xiangcheng Economic Development District

215413 Suzhou

CHINA

Mapping tables

Meaning of the letter pairs in the tables(e.g. AF): *(→ Radio Equipment Directive (RED))*.

Safety

This section contains certificate numbers for the following components:

— *HomeLink® Universal Transmitter, Keyless Access, remote control vehicle key, instrument cluster, ID. cockpit, electronic immobilizer.*

HomeLink® Universal Transmitter:

ADHL5D, EHL2	AG
ADHL5D, EHL2	AK

Keyless Access:

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	Frequency band, maximum transmitting power
RSB19	AO
Kessy MQB37W	AF
Kessy MQB-A, 5ZA 010 176, MQB-B B, MQB-B H,	AC
013854	AD
VWTOUA PKETOUA	AJ

Remote control vehicle key:

VK2, FS19, FS19S, FS191S	AF
FS09, FS12A, FS12P, FS12PM, FS125C, FS14, FS14K, FS14T, FS14TK, FS1744, FS1744M, FS94	AI
VWTOUA RKETOUA	AJ

Instrument cluster, electronic immobilizer:

COLOUR5C, MEDIUM 5C, MEDIUM 5C_21	AB
eNSF, LCW05-VWE1, LCW05-VWE5, LCW05-SEE5, EZS-VW-Touareg, Immobilizer integrated in dashboard module instrument cluster, 17101001, 17101002, 17101010, 17101021, 17101022, 17101023, 17101031, 17101032, 17101033, 17101034, 17101041, 17101042, 17101043, 17101051, 17101052, 17101053, 17101054, 17101055, 17101056, 17101057, 17101071, 17101072, 18020501, 18020531, 18020532, 18020533, 18020534, 18031410, 18100931	AC
FPK8 IMMO5D, Instrument cluster 1, Instrument cluster 2, Instrument cluster 3, BNF_HL, BNF_LL, NSF_HL, NSF_LL1, NSF_LL3, FPK8I5DTR2	AD
MQB_A0 Clusters, MQBG01, MQBM01, MQBS01	BE
DTCO 1381	AT
EFAS-4.10	

Climate control

This section contains certificate numbers for the following components:

— *Remote control operation (auxiliary heater), auxiliary heater (transceiver).*

Remote control (auxiliary heater):

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EasyStart R, Funkfernbedienung, STH VW-50000884, STH VW D-50001194, Telestart	AK

Auxiliary heater (transceiver):

Funkempfänger STH, 50000864 D208L VW, 50001219 D208L VW	AK

Tires

This section contains certificate numbers for the following components:

— *Tire pressure sensors*

Tire pressure sensors:

AG2FW4, TSSRE4Dg, TSSRE4Uf, TSSSG4G5, TSSSG4G5b	AG

Control modules

This section contains certificate numbers for the following components:

— *Central control module, door control module, valet keycard, wireless charging function, wireless safety belt monitor*.

Central control module:

5WK50254	AH
BCM MQB37W, BR21, MQB37W	AF
KFG: Max	BG
BCM2, BCM2R, BCMevo, BCMevoC, BCMevo5	BH
BCM MQB27, BCM PQ25, BCM PQ26 ROW (502N1xFOx), BCM PQ35, BCM PQ37H, BR11, 5WK50248,	XX
BC-Module, 5WK50474	

Door control module:

HUF71110, HUF71254, DHA20, NFCTGS, Mobile Key 4K0.959.754.xx, 3G0.837.205, 3G0.837.206	AD
CDIS 2.0	BD

Wireless charging function:

WCH-183, WCH-185, WCH-186, WPC003-1, WPC003-5, 3G0.980.611, Koppelantenne Gen.3, SCB, DCB, SCB-Lite	AA
3G0.980.611, SCB, DCB	BK

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Wireless safety belt monitor:

wSBR F-SG, wSBR S-SG	AL

Driver assistance systems

This section contains certificate numbers for the following components:

— *Radar sensors for assistance systems*

Radar sensors for assistance systems:

LCA 2.0A, BSD 3.0	AP
RS4	AQ
ARS4-B, ARS5-B, FR5CPEC, LRR3, MRR1Plus, LRR4, MRR1Rear, LRR4R, MRRe14FCR, MRRevo14F, R3TR, F5CP42	AR

Infotainment system and online communication

This section contains certificate numbers for the following components:

— *Infotainment system, Bluetooth, Wi-Fi hotspot, phone interface, OCU, Volkswagen Car-Net "Security & Service", Volkswagen Car-Net "e-Remote".*

Infotainment system:



Fig. 1 Overview of some approval symbols for radio systems.

1. Argentina
2. Zambia
3. Brunei
4. The Philippines.

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5 Paraguay New Radio Ultra Low SBB, New Radio Ultra Low SBB DAB, New Radio Ultra Low SBT, 7CO.035.153, 7LA.035.153.A, Radio Ultra Low Touch, Radio Ultra Low Touch DAB	AL
6 South Africa A473/A476/A750, A475/A754, L40VW2, L41VW2, L42VW2, L53VW2, L56VW2, L62VW2, L69VW2, L73VW2, L77VW2, MIB Global Entry/Standard, MIB2, MIB2 PQ MIN, MIB2STD, MIB Standard 2 – PQ +/NAV with BT, MIB Standard 2 – ZR with BT, MIB Standard 2 – ZR +/Nav with BT, MIB3E_MQB_BT, MIB3E_MQB37w_BT, OE-PP 87BT	AL
MIB3TOP	AV
MEB ICAS3	AW
MIB3 OI (LGE)	AX
MIB3 OI	AY
MIB Standard 2 – ZR +/Nav mit BT and WLAN, MIB Standard 2 – PQ +/NAV with BT and WLAN, MIB2STD Nav, MIB2STD Radio	AZ
MIB3E_MQB_BTWIFI, MIB3E_MQB37w_BTWIFI	BA
A580/A270	BB
MIB HS	BC
MMI3G	BF
CONBOX-High	BM
MMI3G RU	XX
RRVW402B, RRVW401*, RRVW402*	XX

Bluetooth:

HT-5	BI

Wi-Fi hotspot:

HT-5	BI
CCU4	BJ

Phone interface:

HT-5	BI

OCU (online connectivity unit):

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DataPlug	AL
HT-6d, HT-6e, TUVM01IU-G, TUVM02IU-C, TUVM02IU-E, TUVM03IU-C, TUVM03IU-E	AS
TLAHW3IU-E, TLAHW3IU-R, TLVHM3IU-E, TLVHM3IU-R, TLVHW3IU-E, TLVHW3IU-R, TLVLM3IU-E, TLVLM3IU-R, TLVUM3IU-W, TLVUW3IU-W, TLVHE4IU-E, TLVHE4IU-R, TLVHM3IU-W, TLVHW3IU-W, TLVHE4IU-W, TLVUM3IU-E, TLVUM3IU-R, TLVUW3IU-E, TLVUE4IU-E, TLVUE4IU-W	AU

Aerials

This section contains certificate numbers for the following components:

— Aerials, aerial amplifiers, connection to the external aerial.

Connecting to the exterior antenna:

LTE-MBC-EU, LTE-MBC-EU2	BC
CM01TN-VWW, CM01XN-VWE	AN
UMTS/GSM-MMC, UMTS/GSM-MMC-AG2, UMTS/GSM-MMC-AG3	AS

Antenna amplifier:

Approval numbers

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CSA-1	AN
DDAECE01, 4N0.035.503.E, 4N0.035.503.F, 4N0.035.503.J, 4N0.035.503.L, 4N0.035.503.M, 4N0.035.503.Q, 4N0.035.503.AB, 4N0.035.503.AC, 4N0.035.503.AF, 4N0.035.503.AG	AL
7T0.035.510	BL
0-07-26-1912-00, 756xxxx,	XX
10A.035.577.A, 10A.035.577.B, 10A.035.577.C, 10A.035.577.D, 11A.035.577.A, 11A.035.577.B, 11A.035.577.C, 11A.035.577.D, 11A.035.577.F, 11A.035.577.M, 11E.035.577.A, 11E.035.577.B, 11E.035.577.C, 11E.035.577.D, 1S0.035.577.A, 2G0.035.577.A, 2GA.035.577, 2GA.035.577.A, 2GA.035.577.B, 2GM.035.577.A, 2S0.035.577.A	XX
3G5.035.577, 3G5.035.577.A, 3G5.035.577.B, 3G5.035.577.G, 3G5.035.577.H, 3G5.035.577.J, 3G5.035.577.K, 3G7.035.577.A, 3G7.035.577.B, 3G7.035.577.D, 3G8.035.577, 3G8.035.577.A, 3G8.035.577.B, 3G8.035.577.E, 3G8.035.577.F, 3G8.035.577.G, 3G8.035.577.H, 3G8.035.577.J, 3G8.035.577.K, 3G9.035.577, 3G9.035.577.A, 3G9.035.577.B, 3G9.035.577.G, 3G9.035.577.H, 3G9.035.577.J, 3G9.035.577.K, 3V5.035.577.A, 3V5.035.577.B, 3V5.035.577.F, 4S0.035.225.A, 4S0.035.225.D, 2G7.035.577.A, 4K0.035.456, 4K0.035.456.B	XX
510.035.577, 510.035.577.A, 510.035.577.B, 565.035.577, 565.035.577.A, 565.035.577.C, 575.035.225, 575.035.225.A, 575.035.225.B, 5C3.035.552, 5C3.035.552.A, 5C3.035.552.B, 5C5.035.552, 5C5.035.552.A, 5C5.035.552.B, 5E5.035.577.A, 5E5.035.577.B, 5E6.035.577, 5E6.035.577.A, 5E6.035.577.B, 5E7.035.577, 5E7.035.577.A, 5E7.035.577.B, 5F4.035.225, 5F4.035.225.A, 5F4.035.225.B, 5G6.035.577, 5G6.035.577.A, 5G6.035.577.B, 5G6.035.577.E, 5G6.035.577.F, 5G9.035.577, 5G9.035.577.A, 5G9.035.577.B, 5G9.035.577.G, 5G9.035.577.H, 5G9.035.577.J, 5G9.035.577.K, 5L0.035.501.A, 5LE.035.577, 5LE.035.577.A, 5LG.035.577, 5LG.035.577.A, 5NA.035.577, 5NA.035.577.A, 5NA.035.577.B, 5NA.035.577.E, 5NA.035.577.F, 5TA.035.577, 5TA.035.577.A, 5TA.035.577.B,	XX
6C0.035.501, 6C0.035.501.A, 6C0.035.501.C, 6C0.035.501.D, 6C0.035.501.G, 6C0.035.501.J, 6C0.035.501.N, 6C0.035.501.P, 6C0.035.501.Q, 6C0.035.577, 6C0.035.577.P, 6C0.035.577.Q, 6R0.035.501, 6R0.035.501.A, 6R0.035.501.C, 6R0.035.501.D, 6R0.035.501.F, 6R0.035.501.L, 6V6.035.577.A, 6V6.035.577.B, 6V9.035.577.A, 6V9.035.577.B, 760.035.577, 760.035.577.A, 760.035.577.S, 760.035.577.T, 7C0.035.501, 7C0.035.501.C, 7C0.035.501.D, 7C0.035.501.F, 7C0.035.501.G, 7H0.035.507.E, 7N0.035.552.J, 7N0.035.552.K, 7N0.035.552.Q, 7P6.035.552, 7P6.035.552.A, 7P6.035.552.M, 7T0.035.507.A, 7T0.035.507.B, 7T0.035.507.E, 7T0.035.507.F, 7T0.035.577.A, 7T0.035.577.B, 7T0.035.577.C, 7T0.035.577.D, 8S7.035.503.B, 8V0.035.503.AF, 14A.035.577.B, 14A.035.577.C, 14B.035.577.B, 14B.035.577.C	XX
920 105 105, 920 105 110, 920 211 072, 920 211 172, 920 211 201, 920 211 202, 920 213 172, 920 286 002, 920 286 005, 920 286 009, 920 286 010, 920 286 011, 920 286 012, 920 286 013, 920 286 015, 920 286 313, 920 286 323, 920 286 343, 920 286 351, 920 286 352, 920 286 353, 920 286 354, 920 286 362, 920 286 382, 920 286 383, 920 286 385, 920 286 386, 920 301 022, 920 301 030, 920 301 031, 920 301 041, 920 301 042, 920 304 022, 920 355 001,	XX
920 437 003, 920 437 023, 920 437 035, 920 437 303, 920 437 323, 920 437 335, 920 460 003, 920 460 009, 920 460 018, 920 460 025, 920 460 028, 920 460 042, 920 460 047, 920 460 069, 920 460 303, 920 460 318, 920 460 325, 920 460 328, 920 460 342, 920 460 347, 920 460 369, 920 461 001, 920 461 002, 920 461 003, 920 461 004, 920 461 005, 920 554 001, 920 554 002, 920 554 003, 920 554 004, 920 554 011, 920 554 012, 920 554 013, 920 554 014, 920 611 001, 920 611 002, 920 611 011, 920 611 012, 920 615 001, 920 615 002, 920 627 A, 920 627 B, 920 627 003, 920 627 007, 920 627 011, 920 627 013, 920 627 017, 920 627 018, 920 627 023, 920 627 024, 920 627 048, 920 627 049, 920 627 051, 920 627 054, 920 627 055, 920 627 056, 920 639 A, 920 639 001, 920 639 002, 920 639 003, 920 639 011	XX
920446A, 920611A, 920639A, SA-107, SA-108, SA-112, 5G-NRC-EU, 5G-NRC-CN	XX

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Antenna:

DSRC CAN Module / EFAS-4 DU(200046-8), DSRC CAN Module / EFAS-4 DU(200046-9)	AM
AM/FM1/DAB2/TV ECE (Impedance Converter)	
AM/FM Antenna Base, 3789.01, 754xxxx, 76xxxxx, 77xxxxx, 790xxxx, 7540xxx, 7542xxx	XX
1K8.035.552.C, 1K8.035.552.F, 2GA.035.577.B, 2GC.035.577, 2GC.035.577.A, 2GC.035.577.S, 2K5.035.525.L, 2K5.035.525.M, 2K5.035.525.Q, 2K5.035.525.T, 2K5.035.525.AB, 2K5.035.525.AC, 2K5.035.525.AD, 2K5.035.525.AE, 2K5.035.526.L, 2K5.035.526.M, 2K5.035.526.Q, 2K5.035.526.T, 2K5.035.526.AA, 2K5.035.526.AB, 2K5.035.526.AC, 2K5.035.526.AD, 2K5.035.526.AE, 2K5.035.526.AF, 2K5.035.532.Q, 2K5.035.532.R, 2K5.035.532.S, 2K5.035.540.A	XX
3C0.035.507.AA, 3C0.035.507.N, 3C0.035.507.P, 3V5.035.577.A, 3V5.035.577.F, 4G5.035.225.A, 4G5.035.225.B, 4G8.035.225.A, 4G8.035.225.B, 4G9.035.225.A, 4G9.035.225.B, 4N0.035.503.L	XX
5Q0.035.507.A, 5Q0.035.507.AG, 5Q0.035.507.AH, 5Q0.035.507.B, 5Q0.035.507.C, 5Q0.035.507.P, 5Q0.035.507.Q, 5Q0.035.507.S, 5QD.035.507.AG, 5QD.035.507.AH, 5QG.035.507.AG, 5QG.035.507.AH, 5WA.035.507.A, 5WA.035.507.B, 5WA.035.507.E, 5WA.035.507.F, 5WA.035.507.T, 5WD.035.507.A, 5WD.035.507.B, 5WD.035.507.E, 5WD.035.507.F, 5WG.035.507.A, 5WG.035.507.B, 5WG.035.507.E, 5WG.035.507.F,	XX
6C0.035.501.FQ, 6R0.035.501.F,	XX
7E0.035.503, 7E0.035.503.A, 7E0.035.503.B, 7E0.035.503.C, 7E0.035.503.D, 7E0.035.503.E, 7E0.035.510, 7E0.035.510.A, 7N0.035.507.A, 7N0.035.507.B	XX
920 336 003, 920 336 005, 920 336 006, 920 336 007, 920 336 008, 920 336 010, 920 336 011, 920 336 012, 920 336 013, 920 336 014, 920 417 007, 920 417 010, 920 481 002, 920 481 003, 920 481 004, 920 481 012, 920 481 013, 920 481 014.	XX

As long as nothing else is specified, these specifications apply to all Volkswagen models or vehicles equipped with the respective radio system.

In some countries, approval for setting up radio technology and using it may be restricted, may be lacking, or may be possible only with additional requirements.

Reference radio systems (e.g. AA) *(→ Radio Equipment Directive (RED))*.

Frequency band.

Maximum transmitting power.

µW = Microwatt, mW = Milliwatt, W = Watt.

AA	105 kHz – 138 kHz	15 W
AB	116 kHz – 134 kHz	148,70 dBµV/m
AC	125 kHz +/- 10 kHz	5,4 dBµA/m
AD	125 kHz	40 dBµA/m
AE	13,56 MHz	500 mW

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AF	433,05 MHz – 434,79 MHz 6988,8 MHz 7488,0 MHz	15 dBm EIRP 1 mW -41,3 dBm
AG	433,92 MHz	10 mW
AH	433,92 MHz, 434,42 MHz	5 dBm EIRP
AI	434,79 MHz	25 mW
AJ	433,47 MHz – 434,37 MHz	-17 dBm
	868,00 MHz – 868,60 MHz	-17 dBm
AK	868,0 MHz – 869,2 MHz	25 mW
AL	2400 MHz – 2483,5 MHz	10 mW
AM	5795 MHz – 5815 MHz (DSRC)	0,04 mW
AN	5855 MHz – 5925 MHz	2 W EIRP
AO	6,0 GHz – 8,5 GHz (6,52 GHz, 7,04 GHz, 7,56 GHz)	0 dBm EIRP
AP	24,05 GHz – 24,25 GHz	0,05 W
AQ	24,075 GHz – 24,250 GHz	15,1 dBm EIRP
AR	76,0 GHz – 77,0 GHz	37,79 dBm EIRP
AS	GSM 900 (uplink: 880 MHz – 915 MHz / downlink: 925 MHz – 960 MHz)	2 W
	GSM 1800 (uplink: 1710 MHz – 1785 MHz / downlink: 1805 MHz – 1880 MHz)	1 W
	WCDMA FDDI (uplink: 1920 MHz – 1990 MHz / downlink: 2110 MHz – 2170 MHz)	0,25 W
	WCDMA FDDVIII (uplink: 880 MHz – 915 MHz / downlink: 925 MHz – 960 MHz)	0,25 W
AT	5,795 GHz – 5,815 GHz (DSRC) 1599 MHz – 1610 MHz (GNSS)	-19,9 dBm EIRP
AU	WCDMA Band 1: 1922,4 MHz – 1977,6 MHz, WCDMA Band 3: 1712,4 MHz – 1782,6 MHz, WCDMA Band 8: 882,4 MHz – 912,6 MHz	23,35 dBm
AU	LTE Band 1: 1920 MHz – 1980 MHz, LTE Band 3: 1710 MHz – 1785 MHz, LTE Band 7: 2500 MHz – 2570 MHz, LTE Band 8: 880 MHz – 915 MHz, LTE Band 20: 832 MHz – 862 MHz, LTE Band 28A: 703 MHz – 718 MHz, LTE Band 32: 1452 MHz –1496 MHz	22,47 dBm
AU	GSM 900: 880 MHz – 915 MHz	31,99 dBm
	DCS 1800: 1710 MHz – 1785 MHz	29,98 dBm
	GNSS: 1559 MHz –1610 MHz	--
AV	Bluetooth: 2402 MHz – 2480 MHz	20 mW
	WLAN 2.4 GHz: 2412 MHz – 2480 MHz	63 mW
	WLAN 5 GHz: 5745 MHz – 5850 MHz	25 mW
AW	Bluetooth: 2402 MHz – 2480 MHz	6,9 dBm
	WLAN 2.4 GHz: 2412 MHz – 2472 MHz, WLAN 5 GHz: 5150 MHz – 5250 MHz, WLAN 5 GHz: 5725 MHz – 5850 MHz	18,52 dBm
AX	Bluetooth: 2402 MHz – 2480 MHz	2,30 dBm

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AX	Bluetooth: 2402 MHz – 2480 MHz	2,30 dBm EIRP
	GNSS: 1559 MHz – 1610 MHz	--
	WLAN 2.4 GHz: 2412 MHz – 2472 MHz, WLAN 5 GHz: 5150 MHz – 5250 MHz, WLAN 5 GHz: 5725 MHz – 5850 MHz	16,80 dBm EIRP
AY	Bluetooth: 2402 MHz – 2480 MHz	8,94 dBm EIRP
	WLAN 2.4 GHz: 2412 MHz – 2472 MHz, WLAN 5 GHz: 5745 MHz – 5825 MHz	16,63 dBm EIRP
AZ	Bluetooth: 2402 MHz – 2480 MHz	4,63 dBm EIRP
	WLAN 2.4 GHz: 2412 MHz – 2472 MHz	17,70 dBm EIRP
BA	Bluetooth: 2400 MHz – 2483,5 MHz	4,9 dBm EIRP
	WLAN 2.4 GHz: 2400 MHz – 2483,5 MHz, WLAN 5 GHz: 5150 MHz – 5250 MHz, WLAN 5 GHz: 5725 MHz – 5850 MHz	13,8 dBm EIRP
BB	Bluetooth: 2402 MHz – 2480 MHz	0,9 dBm EIRP
	WLAN: 2400 MHz – 2483,5 MHz	8 dBm EIRP
	GSM: 900/1800 MHz	27 dBm EIRP
	UMTS FDDI/III	24 dBm EIRP
	LTE FDD 3, 7, 8, 20	23 dBm EIRP
BC	Bluetooth: 2402 MHz – 2480 MHz	10 dBm EIRP
	WLAN: 2400 MHz – 2483,5 MHz	20 dBm EIRP
BC	GSM 900 (uplink: 880 MHz – 915 MHz / downlink: 925 MHz – 960 MHz)	33 dBm EIRP
	GSM 1800 (uplink: 1710 MHz – 1785 MHz / downlink: 1805 MHz – 1880 MHz)	30 dBm EIRP
BC	WCDMA FDDI (uplink: 1920 MHz – 1980 MHz / downlink: 2110 MHz – 2170 MHz)	24 dBm EIRP
	WCDMA FDDVIII (uplink: 880 MHz – 915 MHz / downlink: 925 MHz – 960 MHz)	24 dBm EIRP
BC	LTE FDD1 (uplink: 1920 MHz – 1980 MHz / downlink: 2110 MHz – 2170 MHz)	23 dBm EIRP
	LTE FDD3 (uplink: 1710 MHz –1785 MHz / downlink: 1805 MHz – 1880 MHz)	23 dBm EIRP
	LTE FDD7 (uplink: 2500 MHz – 2570 MHz / downlink: 2620 MHz – 2690 MHz)	23 dBm

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	LTE FDD8 (uplink: 880 MHz – 915 MHz / downlink: 925 MHz – 960 MHz)	23 dBm EIRP
	LTE FDD20 (uplink: 832 MHz – 862 MHz / downlink: 791 MHz – 821 MHz)	23 dBm EIRP
BD	LTE Band 1: 2100 MHz, LTE Band 3: 1800 MHz, LTE Band 5: 850 MHz, LTE Band 7: 2600 MHz, LTE Band 8: 900 MHz, LTE Band 20: 800 MHz	23 dBm
BD	UMTS Band 1: 2100 MHz , UMTS Band 2: 1900 MHz, UMTS Band 5: 850 MHz, UMTS Band 8: 900 MHz	24 dBm
BD	GSM: 850 MHz, E-GSM: 900 MHz	33 dBm
	DCS: 1800 MHz, PCS: 1900 MHz	30 dBm
	BLE: 2400 MHz – 2483,5 MHz	3,5 dBm
	WCDMA FDDI (uplink: 1920 MHz – 1980 MHz / downlink: 2110 MHz – 2170 MHz)	30 dBm
BE	125 kHz	0,56 W
BF	Bluetooth: 2400 MHz – 2483,5 MHz	20 dBm
	GSM/GPRS: 880,2 MHz –914,8 MHz	33 dBm
	GSM/GPRS: 1710,2 MHz –1784,8 MHz	30 dBm
	WCDMA Band 1: 1922,4 MHz – 1977,6 MHz, WCDMA Band 8: 882,4 MHz – 912,6 MHz	24 dBm
BG	Bluetooth: 2400 MHz – 2483,5 MHz	4 dBm EIRP
	WLAN: 2400 MHz – 2483,5 MHz	19 dBm EIRP
BH	21,13 kHz – 22,75 kHz	42 dBµA/m
BI	GSM 850 (uplink: 824 MHz – 849 MHz / downlink: 869 MHz – 894 MHz)	2 W
	GSM 900 (uplink: 880 MHz – 915 MHz / downlink: 925 MHz – 960 MHz)	2 W
	GSM 1800 (uplink: 1710 MHz – 1785 MHz / downlink: 1805 MHz – 1880 MHz)	1 W
	GSM 1900 (uplink: 1850 MHz – 1910 MHz / downlink: 1930 MHz – 1990 MHz)	1 W
	WCDMA FDDI (uplink: 1920 MHz – 1980 MHz / downlink: 2110 MHz – 2170 MHz)	0,25 W
	WCDMA FDDV (uplink: 824 MHz – 849 MHz / downlink: 869 MHz – 894 MHz)	0,25 W
	Bluetooth: 2402 MHz – 2480 MHz	0,001 W
	WLAN: 2412 MHz – 2462 MHz	0,1 W
BJ	WiFi IEEE 802.11 b/g/n: 2412 MHz – 2472 MHz	18,4 dBm EIRP
	GSM/GPRS/eGPRS 900: 880,2 MHz – 914,8 MHz	37,64 dBm EIRP
	GSM/GPRS/eGPRS 1800: 1710,2 MHz – 1784,8 MHz	34,64 dBm EIRP
	UMTS FDDI: 1922,4 MHz – 1977,6 MHz, UMTS FDDVIII: 882,4 MHz – 912,6 MHz, LTE FDD1: 1920 MHz – 1980 MHz, LTE FDD3: 1710 MHz – 1784,9 MHz, LTE FDD7: 2500 MHz – 2569,9 MHz, LTE FDD8: 880 MHz – 914,9 MHz, LTE FDD20: 832 MHz – 861,9 MHz	27,84 dBm EIRP

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BK	13,56 MHz	500 mW
BL	5855 MHz – 5925 MHz	24 dBm EIRP
BM	Bluetooth: 2402 MHz – 2480 MHz	9,7 dBm EIRP
	Bluetooth LE: 2402 MHz – 2480 MHz	-1,5 dBm EIRP
	WLAN: 2412 MHz – 2472 MHz	13,3 dBm EIRP 12,7 dBm EIRP 33 dBm rated 30 dBm rated 23 dBm rated 24 dBm rated
	WLAN: 5745 MHz – 5825 MHz	12,7 dBm EIRP
	GSM 900: 880 MHz – 960 MHz	33 dBm rated
	GSM 1800: 1710 MHz – 1880 MHz	30 dBm rated
	LTE FDD Band 1, 3, 7, 8, 20, 28, 34, 38, 40	23 dBm rated
	WCDMA Band I: 1920 MHz – 1980 MHz, 2110 MHz – 2170 MHz, WCDMA Band III: 1710 MHz – 1880 MHz, WCDMA Band VIII: 880 MHz – 960 MHz	24 dBm rated
XX	No transmission, only reception.	

CE Approval symbol for radio systems in countries outside the EU that authorize and allow radio systems in accordance with European guidelines.

UK CA Approval symbol for radio systems in England, Wales and Scotland.

Approval symbol for radio systems in Ukraine.

ANATEL Approval symbols for radio systems in Brazil.

Approval symbol for radio systems in Argentina.

MCMC Approval symbols for radio systems in Malaysia.

Approval symbols for radio systems in Australia or in Australia and New Zealand.

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R-NZ Approval symbol for radio systems in New Zealand.

Approval symbol for radio systems in Russia and in countries that authorize and allow radio systems in accordance with EAC guidelines.

Approval symbols for radio systems in Vietnam.

Approval symbols for radio systems in Belarus.

Approval symbol for radio systems in Serbia.

Approval symbol for radio systems in the USA and in countries that authorize and allow radio systems in accordance with the US FCC guideline.

Approval mark for radio systems in Mexico.

Approval symbol for radio systems in Armenia.

Approval symbol for radio systems in Mongolia.

Approval symbol for radio systems in Sierra Leone.

Approval mark for radio systems in Thailand.

Approval symbol for radio systems in the United Arab Emirates.

Approval symbol for radio systems in Ghana.

With this document, the manufacturer declares that the radio equipment listed in the following is in compliance with the basic requirements and other relevant regulations and laws at the time of production:

The following radio systems are not available in every market or every vehicle.

— Connection to the outside antenna
— Antenna
— Antenna amplifier
— Bluetooth.
— Remote control (auxiliary heater).
— Remote control key (vehicle)
— Garage door opener
— ID. Cockpit.
— Infotainment system.
— Wireless charging function
— Keyless Access.
— Instrument cluster, electronic immobilizer
— Radar sensors for assistance systems
— Tire pressure sensors
— Auxiliary heating (transceiver)
— Control modules with an integrated eSIM card.

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— Phone interface

— Volkswagen Car-Net control module

— Wi-Fi hotspot.

— Central control module

For more information, please visit:www.volkswagen.com/generalinfo

EU-related documents (e.g. Ghana) can be found under the EU English button

Radio systems with this marking must be collected separately from normal household garbage and disposed of in accordance with legal requirements. You can hand these in at local disposal facilities or nationally commissioned return systems if applicable *(→ Product recycling)*.

Symbol for limited use of certain hazardous substances in electrical and electronic devices in accordance with the RoHS

directive.

Algeria

Agréé par l' ARPT:

1247/TR/AGR/PC/ARPT/2017, 1910/1-36.DA/617/DT/DG/ARPT/18, 2320/1-41.MS/1191/DT/DG/ARPT/16

Agréé par l' ARPCE:

13/1-88.DA/1419/DT/DG/ARPCE/18, 14/1-88.DA/1420/DT/DG/ARPCE/18, 18/1-88.DA/1424/DT/DG/ARPCE/18, 20/1-88.DA/1426/DT/DG/ARPCE/18, 22/1-88.DA/1428/DT/DG/ARPCE/18, 23/1-88.DA/1429/DT/DG/ARPCE/18, 1140/1-17.MS/601/DT/DG/ARPCE/19, 1145/1-17.MS/604/DT/DG/ARPCE/19, 1146/1-17.MS/603/DT/DG/ARPCE/19, 1372/1-24.BT/762/DT/DG/ARPCE/19, 1692/1-28.BT/922/DT/DG/ARPCE/19, 2112/1-36.BT/.../DT/DG/ARPCE/19, 2113/1-36.DA/.../DT/DG/ARPCE/19, 2114/1-36.DA/.../DT/DG/ARPCE/19, 2115/1-36.BT/.../DT/DG/ARPCE/19, 2764/1-58.DA/911/DT/DG/ARPCE/18, 2766/1-58.DA/913/DT/DG/ARPCE/18, 2767/1-58.DA/914/DT/DG/ARPCE/18, 2768/1-58.DA/915/DT/DG/ARPCE/18, 2904/1-59.DA/968/DT/DG/ARPCE/18, 3559/1-1604/DT/DG/ARPCE/19

Homologué par l'ARPCE:

Nº 029/IR/HMG/PC/ARPCE/2021, Nº 130/IR/HMG/PC/ARPCE/2020, Nº 134/IR/HMG/PC/ARPCE/2020, Nº 184/IR/HMG/PC/ARPCE/2019, Nº 879/IR/HMG/PC/ARPCE/2018, Nº 753/IR/HMG/PC/ARPCE/2021, Nº 039/IR/HMG/DG/ARPCE/2023

Homologué par l'ANF:

Nº CC:22/H/ANF/2021, Nº CC:38/H/ANF/2021, Nº CC:39/H/ANF/2021, Nº CC:40/H/ANF/2021, Nº CC:53/H/ANF/2021
Nº CC:138/H/ANF/2020, Nº CC:139/H/ANF/2020, Nº CC:164/H/ANF/2020, Nº CC:165/H/ANF/2020, Nº CC:174/H/ANF
Nº CC:322/H/ANF/2021, Nº CC:323/H/ANF/2021, Nº CC:324/H/ANF/2021, Nº CC:325/H/ANF/2021, Nº CC:326/H/ANF
Nº CC:332/H/ANF/2021, Nº CC:342/H/ANF/2021, Nº CC:372/H/ANF/2020, Nº CC:405/H/ANF/2021, Nº CC:406/H/ANF
Nº CC:410/H/ANF/2020,Nº CC:198/H/ANF/2021,Nº CC:007/H/ANF/2022,Nº CC:009/H/ANF/2022,Nº CC:010/H/ANF/2
Nº CC:019/H/ANF/2022,Nº CC:024/H/ANF/2022,Nº CC:028/H/ANF/2022, Nº CC:027/H/ANF/2022,Nº CC:026/H/ANF/2
Nº 053/H/ANF/2023, Nº 050/H/ANF/2023, Nº 051/H/ANF/2023, Nº 157/H/ANF/2023, Nº 156/H/ANF/2023, Nº 159/H

Argentina

CNC C-8752, CNC C-13277, CNC C-13393, CNC C-13823, CNC C-14175, CNC C-14176, CNC C-14387, CNC C-14451,

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CNC C-14520, CNC C-14569, CNC C-14733, CNC C-15807, CNC C-16345, CNC C-16741, CNC C-17001, CNC C-17582, CNC C-17583, CNC C-17604, CNC C-17629, CNC C-17985, CNC C-18005, CNC C-18053, CNC C-20030, CNC C-20288, CNC C-20323, CNC C-21672, CNC C-21673, CNC C-21797, CNC C-21798, CNC C-22036, CNC C-22394, CNC C-23301, CNC C-23466, CNC C-23776, CNC C-24233, CNC C-24447,

CNC H-12657, CNC H-12663, CNC H-12664, CNC H-12665, CNC H-12689, CNC H-12804, CNC H-15700, CNC H-16681, CNC H-17001, CNC H-17562, CNC H-17563, CNC H-17567, CNC H-17568, CNC H-17708, CNC H-20369, CNC H-20370, CNC H-20497, CNC H-20718, CNC H-20731, CNC H-20732, CNC H-20733, CNC H-21049, CNC H-21050, CNC H-21796, CNC H-21901, CNC H-21902, CNC H-21961, CNC H-21962, CNC H-22190, CNC H-22191, CNC H-22192, CNC H-22240, CNC H-22301, CNC H-22302, CNC H-22362, CNC H-22363, CNC H-22364, CNC H-22377, CNC H-22378, CNC H-22379, CNC H-22380, CNC H-22381, CNC H-22382, CNC H-22383, CNC H-22390, CNC H-22391, CNC H-22383, CNC H-22524, CNC H-22757, CNC H-22793, CNC H-22794, CNC H-22855, CNC H-22856, CNC H-22961, CNC H-23129, CNC H-23480, CNC H-23481, CNC H-23844, CNC H-24102, CNC H-24153, CNC H-24224, CNC H-24258, CNC H-24260, CNC H-24261, CNC H-24361, CNC H-24442, CNC H-24469, CNC H-24470, CNC H-24559, CNC H-24598, CNC H-24623, CNC H-24820, CNC H-24892, CNC H-24931, CNC H-14349.

R! C-17908, R! C-22292, R! H-26251,R! H-27278,R! C-26978,R! C-22036,R! H-27598,R! H-27726,R! H-22390,R! H-22391,R! H-22794,R! H-22793,R! C-15806,R! C-15807,R! H-22757,R! H-27976,R! C-23301,R! C-23466, R! H-23129, R! H-27923, R! H-15700, R! H-22961, R! C-23301, R! C-23466, R! H-24102, R! H-16681, R! H-24262, R! H-24260, R! H-24258, R! H-24470, R! H-24469, R! H-24442, R! H-28829, R! H-28830, R! H-24261, R! H-25893, R! H-27977, R! H-29401, R!H-17568, R!H-24892, R!H-17563, R!H-17567, R!H-17562, R! C-25101, R! C-25102, R! H-12804, R! H-21050, R! H-24931, R! H-20030, R! H-28774, R! H-28773

Benin

AGREE PAR L'ARCEP BENIN

Numéro d'agrément_Date d'agrément:

016/ARCEP/SE/DJPC/DR/GU/2021, 018/ARCEP/SE/DR/DAJRC/GU/2019, 024/ARCEP/SE/DRJRC/GU/2018, 028/ARCEP/SE/DR/DAJRC/GU/2015, 069/ARCEP/SE/DR/DAJRC/GU/2019, 073/ARCEP/SE/DR/DAJRC/GU/2019, 074/ARCEP/SE/DR/DAJRC/GU/2019, 075/ARCEP/SE/DAR/DJPC/GU/2020, 114/ARCEP/SE/DR/DAJRC/GU/2017, 115/ARCEP/SE/DR/DAJRC/GU/2017, 115/ARCEP/SE/DR/DAJRC/GU/2019, 121/ARCEP/SE/DR/DAJRC/GU/2019, 123/ARCEP/SE/DR/DAJRC/GU/2018, 124/ARCEP/SE/DR/DAJRC/GU/2018, 124/ARCEP/SE/DR/DAJRC/GU/2019, 133/ARCEP/SE/DR/DAJRC/GU/2018, 137/ARCEP/SE/DR/DAJRC/GU/2019, 138/ARCEP/SE/DR/DAJRC/GU/2019, 143/ARCEP/SE/DR/DAJRC/GU/2018, 165/ARCEP/SE/DR/DAJRC/GU/2018, 166/ARCEP/SE/DR/DAJRC/GU/2018, 167/ARCEP/SE/DR/DAJRC/GU/2018, 171/ARCEP/SE/DJPC/DAR/GU/2020, 173/ARCEP/SE/DR/DAJRC/GU/2018, 175/ARCEP/SE/DR/DAJRC/GU/2018, 176/ARCEP/SE/DR/DAJRC/GU/2018, 177/ARCEP/SE/DR/DAJRC/GU/2018, 179/ARCEP/SE/DR/DAJRC/GU/2018, 209/ARCEP/SE/DR/DAJRC/GU/2019, 211/ARCEP/SE/DR/DAJRC/GU/2019, 213/ARCEP/SE/DR/DAJRC/GU/2018, 216/ARCEP/SE/DR/DAJRC/GU/2018, 316/ARCEP/SE/DJPC/DAR/GU/2020,065/ARCEP/SE/DJPC/DAR/GU/2021,016/ARCEP/SE/DJPC/DAR/GU/2021

2018-149/ARCEP/PT/DAJRC/GU, 2018-150/ARCEP/PT/DAJRC/GU, 2020-274/ARCEP/PT/SE/DAF/DJPC/DAR/GU, 2021-069/ARCEP/PT/SE/DAF/DJPC/DAR/GU, 2021-097/ARCEP/PT/SE/DJPC/DAR/GU, 2022-019/ARCEP/PT/DAJRC/GU, 2022-286/ARCEP/PT/DAJRC/GU, 2022-287/ARCEP/PT/DAJRC/GU, 2023-034/ARCEP/PT/DJPC/DAR/DCT/GU, 2023-075/ARCEP/SE/DJPC/DAR/DCT/GU, 2023-072/ARCEP/SE/DJPC/DAR/DCT/GU, 2023-088/ARCEP/SE/DJPC/DAR/DCT/GU, 2023-118/ARCEP/SE/DJPC/DAR/DCT/GU, 2023-137/ARCEP/SE/DAR/DCT/GU, 2023-176/ARCEP/SE/DAR/DCT/GU, 2023-180/ARCEP/SE/DAR/DCT/GU, 2023-183/ARCEP/SE/DAR/DCT/GU, 2023-181/ARCEP/SE/DAR/DCT/GU, 2023-182/ARCEP/SE/DAR/DCT/GU, 2023-184/ARCEP/SE/DAR/DCT/GU, 2023-345/ARCEP/SE/DAR/DCT/GU,

Botswana

BTA REGISTERED No:

BOCRA/TA/2016/2691, BOCRA/TA/2017/3412, BOCRA/TA/2017/3441, BOCRA/TA/2018/2026, BOCRA/TA/2018/3012,

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BOCRA/TA/2018/3913, BOCRA/TA/2018/3941, BOCRA/TA/2018/3991, BOCRA/TA/2018/3992, BOCRA/TA/2018/4129, BOCRA/TA/2018/4130, BOCRA/TA/2018/4131, BOCRA/TA/2018/4132, BOCRA/TA/2018/4133, BOCRA/TA/2018/4134, BOCRA/TA/2018/4135, BOCRA/TA/2018/4136, BOCRA/TA/2018/4193, BOCRA/TA/2018/4194, BOCRA/TA/2018/4195, BOCRA/TA/2018/4196, BOCRA/TA/2019/2174, BOCRA/TA/2019/3433, BOCRA/TA/2019/4309, BOCRA/TA/2019/4311, BOCRA/TA/2019/4582, BOCRA/TA/2019/4648, BOCRA/TA/2019/4649, BOCRA/TA/2019/4666, BOCRA/TA/2019/4701, BOCRA/TA/2019/4978, BOCRA/TA/2019/4982, BOCRA/TA/2019/4997, BOCRA/TA/2019/4998, BOCRA/TA/2019/5045, BOCRA/TA/2019/5046, BOCRA/TA/2019/5079, BOCRA/TA/2019/5080, BOCRA/TA/2019/5895, BOCRA/TA/2019/6030, BOCRA/TA/2020/2551, BOCRA/TA/2020/3908, BOCRA/TA/2020/3991, BOCRA/TA/2020/3992, BOCRA/TA/2020/5158, BOCRA/TA/2020/5159, BOCRA/TA/2020/5188, BOCRA/TA/2020/5191, BOCRA/TA/2020/5261, BOCRA/TA/2020/5470, BOCRA/TA/2020/5487, BOCRA/TA/2020/5511, BOCRA/TA/2020/5846, BOCRA/TA/2021/2175, BOCRA/TA/2021/4040, BOCRA/TA/2021/4057, BOCRA/TA/2021/4701, BOCRA/TA/2021/5894, BOCRA/TA/2021/5886, BOCRA/TA/2021/5895, BOCRA/TA/2021/5957, BOCRA/TA/2021/6030, BOCRA/TA/2021/6071, BOCRA/TA/2021/6093, BOCRA/TA/2021/6098, BOCRA/TA/2021/6187, BOCRA/TA/2021/6422, BOCRA/TA/2021/6536, BOCRA/TA/2021/6581, BOCRA/TA/2020/3372, BOCRA/TA/2020/5261, BOCRA/TA/2020/5191, BOCRA/TA/2022/6705, BOCRA/TA/2022/6820, BOCRA/TA/2022/6864, BOCRA/TA/2021/6581, BOCRA/TA/2021/6536, BOCRA/TA/2022/7424, BOCRA/TA/2022/7619, BOCRA/TA/2022/7617, BOCRA/TA/2022/15329, BOCRA/TA/2021/6419, BOCRA/TA/2021/6420, BOCRA/TA/2023/8031, BOCRA/TA/2018/3913, BOCRA/TA/2023/8560, BOCRA/TA/2023/8133, BOCRA/TA/2023/8134.

Brazil

Para maiores informações, consulte o site da ANATEL - www.anatel.gov.br.

00716-15-03745, 00850-13-03745, 0918-14-5364, 0939-14-2856, 0940-14-2856, 00231-20-09215, 00716-15-03745, 00720-19-05364, 00939-19-06673, 01094-17-03226, 01095-17-03226, 01138-12-02856, 01140-12-02856, 01202-15-06815, 01618-20-02149, 01760-20-02149, 01812-19-05364, 01813-19-05364, 01814-19-05364, 01834-18-02856, 02018-18-04557, 02144-17-03430, 02220-14-03745, 02230-14-03745, 02294-15-03616, 02318-12-02856, 02393-19-05364, 02450-17-02010, 02452-17-02010, 02992-14-06673, 03002-09-03745, 03080-14-06828, 03184-18-05364, 03323-18-02930, 03563-17-05364, 03595-17-06828, 03604-16-05364, 03764-17-05386, 03833-18-06353, 03834-18-06353, 03993-19-10188, 04057-14-06068, 04282-19-01925, 04383-18-06673, 04708-15-05364, 04998-19-02405, 04999-19-02405, 05031-16-06324, 05273-18-02496, 05292-18-06353, 05293-18-06353, 05296-18-06353, 05297-18-06353, 05310-19-10188, 05505-18-06353, 05506-18-06353, 05507-18-06353, 05508-18-06353, 05509-18-06353, 05511-18-06353, 05512-18-06353, 05531-16-02149, 05674-16-06830, 05676-19-01925, 05803-21-03745, 06029-18-05364, 06215-16-03430, 06763-18-06353, 06950-18-10457, 06962-18-06353, 07084-18-03745, 07137-19-08137, 07183-18-06353, 07184-18-06353, 07185-18-06353, 07186-18-

Vehicle Identification Number (VIN)

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Identification label

06353, 07188-18-06353, 07189-18-06353, 07191-18-06353, 07830-17-08001, 08057-19-05179, 09036-19-01925, 09087-19-07978, 09275-19-06353, 10313-20-06353, 12001-20-10944, 13806-20-09215, 17186-20-10539, 00533-22-03745, 05310-19-10188, 11718-22-05364, 11502-22-05364, 05507-18-06353, 11718-22-05364, 11502-22-05364, 01812-19-05364, MT-6270/2022_20/12/2024, MT-6272/2022_20/12/2024 21404-22-05364_28/12/2024

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Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Para maiores informações, consulte o site da ANATEL- www.anatel.gov.br

0148-15-7978, 0263-16-9946, 0278-15-7978, 0456-15-9946, 0646-13-5452, 0716-15-3745, 0850-13-3745, 0918-14-5364, 1140-14-2856, 1202-14-6815, 1497-14-9946, 1498-14-9946, 1546-10-2886, 1690-15-5364, 1711-12-5364, 2115-15-6815, 2220-14-3745, 2230-14-3745, 2294-15-3616, 2483-14-6324, 3002-09-3745, 3080-14-6828, 3557-15-5364, 4057-14-6068,

02128-16-05364, 02530-16-09946, 03323-18-02930, 05531-16-02149, 05674-15-06830, 05674-16-06830, 07084-18-03745, 17186-20-10539, 00278-15-07978, 08004-23-09215

UL-BR 17.0958, MT-4903/2020_29/04/2024, MT-6015/2022_06/08/2024, MT-6112/2022_26/10/2024, MT-6109/2022_04/02/2025, MT-5040/2020_17/09/2024, MT-6123/2022_09/10/2024, MT-6294/2022_17/01/2025, MT-6412/2023_12/04/2025, MT-6452/2023_14/06/2025, MT-6401/2023_12/04/2025, NCC10909/14, NCC10809/14, , DEKRA-00025-22, DKTEL-00198-23_05/02/2025, UL-BR23.0140_03/07/2025.

Este equipamento opera em caráter secundário, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário. Para maiores informações, consulte o site da ANATEL- www.anatel.gov.br

Brunei

AITI TA No:

AA-000081, DTA-001795, DTA-002302, DTA-002306, DTA-003623, DTA-004928, DTA-004929, DTA-005012, DTA-005532, LPD-25389, LPD-37256, LPD-39126, DTA-016411, DTA-008519.

// DRQ-D-GMSD-12-2011-111457: DTA-005345, DTA-005525

// DRQ-D-MAJU-02-2011-111083: DTA-000712, DTA-000713, DTA-000793, DTA-001090, DTA-001120, DTA-001793, DTA-001794, DTA-001977, DTA-001978, DTA-001980, DTA-001981, DTA-001982, DTA-001983, DTA-001985, DTA-001986, DTA-002030, DTA-002302, DTA-002307, DTA-002308, DTA-002401, DTA-002402, DTA-002403, DTA-002404, DTA-002405, DTA-002433, DTA-002966, DTA-002967, DTA-003220, DTA-003488, DTA-003621, DTA-003622, DTA-003623, DTA-003639, DTA-003640, DTA-003621, DTA-003852, DTA-004050, DTA-004051, DTA-004427, DTA-004928, DTA-005011, DTA-005012, DTA-005273, DTA-005400, DTA-005532, DTA-005816, DTA-005975, DTA-010519, LPD-31504, LPD-31505, LPD-31506, LPD-31818, LPD-31820, LPD-34244, LPD-37258, LPD-37259, LPD-39126, LPD-39514, LPD-39515, LPD-39517, DTA-025029, DTA-025024

// DRQ-D-QEURO-05-2015-114400: DTA-005830, DTA-006261, DTA-013305, DTA-025022

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// DTL-D-TCY-09-2011-111328: DTA-008534, DTA-008940, DTA-010056, DTA-010637, DTA-010671, DTA-011811, DTA-013569, DTA-004048, DTA-014211, DTA-014363, DTA-014434, DTA-016409, DTA-025022, DTA-027159, DTA-027424, DTA-027939

// DTL-D-MAJU-02-2011-111083: DTA-008519, DTA-008520, DTA-010056, DTA-012822// DTL-D-QEURO-05-2015-114400: DTA-01331, DTA-018912, DTA-018257, DTA-018899, DTA-018907, DTA-019078, DTA-016411, DTA-016410, DTA-016411, DTA-016410, DTA-018086, DTA-018257, DTA-018899, DTA-018907, DTA-018912, DTA-019078, DTA-020730, DTA-020492, DTA-021806, DTA-023898, DTA-025514 DEKRA-00025-22, DTA-023889, DTA-023890, DTA-025513.

//DTL-D-20004-11-2021-1727: DDTA-017797

England, Wales and Scotland

See EU Declaration of Conformity at www.volkswagen.com/generalinfo.

Additional information about radio systems

European Union (EU) and countries that license radio systems according to EU directives:

See EU Declaration of Conformity at www.volkswagen.com/generalinfo.

Additional information about radio systems

Gabon

D'HOMOLOGATION D'EQUIPEMENTS DE TELECOMMUNICATIONS

CERTIFICAT No:

033/ARCEP/2021, 045/ARCEP/2020, 070/ARCEP/2021, 100/ARCEP/2019, 112/ARCEP/2020, 337/ARCEP/2020, 369/ARCEP/2020, 371/ARCEP/2020, 419/ARCEP/2021, 421/ARCEP/2021, 433/ARCEP/2020, 440/ARCEP/2019, 441/ARCEP/2019, 443/ARCEP/2019, 444/ARCEP/2019, 445/ARCEP/2019, 446/ARCEP/2019, 450/ARCEP/2019, 452/ARCEP/2020, 513/ARCEP/2019, 554/ARCEP/2020, 608/ARCEP/2019, 609/ARCEP/2019, 644/ARCEP/2021, 645/ARCEP/2021, 675/ARCEP/2021, 697/ARCEP/2021, 698/ARCEP/2021, 865/ARCEP/2020, 869/ARCEP/2020, 885/ARCEP/2020, 970/ARCEP/2020, 1012/ARCEP/2020, 1013/ARCEP/2020, 1016/ARCEP/2021, 1017/ARCEP/2020, 1365/ARCEP/2021, 699/ARCEP/2021, 203/ARCEP/2022, 044/ARCEP/2022, 112/ARCEP/2022, 096/ARCEP/2022, 264/ARCEP/2022, 263/ARCEP/2022,
320/ARCEP/2022,319/ARCEP/2022,531/ARCEP/2022,542/ARCEP/2022,535/ARCEP/2022,540/ARCEP/2022, 95/ARCEP/2022, 604/ARCEP/2022, 602/ARCEP/2022, 601/ARCEP/2022, 600/ARCEP/2022, 618/ARCEP/2022, 642/ARCEP/2022, 641/ARCEP/2022, 640/ARCEP/2022, 790/ARCEP/2022, 890/ARCEP/2022, 892/ARCEP/2022, 891/ARCEP/2022, 1031/ARCEP/2022, 95/ARCEP/2023, 103/ARCEP/2023, 239/ARCEP/2023, 446/ARCEP/2023, 581/ARCEP/2023, 105/ARCEP/2023, 104/ARCEP/2023

Ghana

NCA Appoved: XXX-XX-XXX-XXX

BRE-1M-GE2-15A, BR3-1M-GE2-X72, BR3-1M-GE2-X69, BR3-1M-GE2-080, BR3-1M-GE2-087, BR3-1M-GE2-088, BR3-1M-GE2-089, BR3-1M-GE2-09E, BR3-1M-GE2-0AF, BR3-1M-GE2-0BA, BR3-1M-GE2-0BB, BR3-1M-GE2-0BC, BR3-1M-GE2-0B0, BR3-1M-GE2-0B3, BR3-1M-GE2-0B4, BR3-1M-GE2-0B7, BR3-1M-GE2-0B8, BR3-1M-GE2-0D2, BR3-1M-GE2-0BA, BR3-1M-GE2-0BC, BR3-1M-GE2-0EC, BR3-1M-GE2-0ED, BR3-1M-GE2-0EE, BR3-1M-GE2-10A, BR3-1M-GE2-10B, BR3-1M-GE2-15A, BR3-1M-GE2-130, EX6-6M-GE2-17B, ORG-4H-7E3-X98, SRO-1M-7E4-2A9, SRO-1M-7EA-24B, SRO-1M-7E4-25D, SRO-1M-7E4-243, SRO-1M-7E4-244, SRO-1M-7E4-246, ZRO-M8-7E3-11B, ZRO-M8-7E3-19A, ZRO-M8-7E3-19C, ZRO-M8-7E3-X26, ZRO-M8-7E3-X43, ZRO-M8-7E3-X73, ZRO-M8-7E3-X75, ZRO-M8-7E3-X90, ZRO-M8-7E3-X92, ZRO-M8-7E3-X96, ZRO-M8-7E3-11B, ZR0-M8-7E3-20B, ZRO-M8-7E3-209,

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ZRO-M8-7E3-229, ZRO-M8-7E3-27B, ZRO-1H-7E3-14E, ZRO-1H-7E3-150, 1R3-1M-7E1-0B7, 1R3-1M-7E1-09B, 1R3-1M-7E1-09C, 1R3-1M-7E1-160, 2R9-1H-7E0-xAC, 2R9-1H-7E0-X71, 2R9-1H-7E0-X75, 2R9-1H-7EO-X90, 2R9-1H-7E0-0DA, 3R2-1M-7DF-287, 3R2-1M-7DF-288, 3R8-8M-7DF-2AA, 6X6-4H-7EO-OF3, 7E5-7M-X0B-RDR, 7E5-7M-X24-RDR, 7E5-7M-X43-RDR, 7E5-7M-X47-RDR, 7E5-7M-X74-RDR, 7T6-5H-7DF-17F, 7T6-5H-7DF-182,7E5-7M-101-RDR,7E5-7M-156-RDR,7E6-M1-X36-SRD,7E6-M1-XDC-SRD,7E6-M1-X0F-SRD, 7E6-M1-X92-SRD, 7E6-M1-XDC-SRD, 7E6-M1-X0F-SRD, 7E6-M1-216-SRD, 7E6-SH-215-SRD, 7E6-M1-12D-SRD, 7M-7E7-X93-DSR, 7M-7E7-X48-DSR, 7E6-M1-12E-SRD, 7E6-M1-12C-SRD.

India

ETA Certificate No:

ETA-0044/2018/RLO(WR), ETA-0073/2019/RLO(NR), ETA-0082/2018/RLO(NR), ETA-0096/2019/RLO(NR), ETA-101/2017-RLO(SR), ETA-102/2017-RLO(SR), ETA-113/2017/RLO(SR), ETA-140/2013/ERLO, ETA-141/2013/ERLO, ETA-142/2013/ERLO, ETA-143/2013/ERLO, ETA-144/2013/ERLO, ETA-145/2013/ERLO, ETA-146/2013/ERLO, ETA-249/2010, ETA-554/2010/WRLO, ETA-747/2017-RLO(SR), ETA-769/2017-RLO(SR), ETA-770/2017-RLO(SR), ETA-861/2017-RLO(SR), ETA-862/2017-RLO(SR), ETA-863/2017-RLO(SR), ETA-864/2017-RLO(SR), ETA-894/2017-RLO(SR), ETA-895/2017-RLO(SR), ETA-920/2016/ERLO, ETA-982/2017-RLO(SR), ETA-983/2017-RLO(SR), ETA-1284/2017-RLO(SR), ETA-1285/2017-RLO(SR), ETA-1360/2017-RLO(SR), ETA-1609/17-RLO(NE), ETA--2013-RLO(GHY)/1752, ETA-2965/15-RLO(WR), ETA-3000/16-RLO(WR), ETA-3001/16-RLO(WR), ETA-3057/16-RLO(WR), ETA-3217/16-RLO(WR), ETA-3415/17-RLO(WR), ETA-3416/17-RLO(WR), ETA/9778-RLO(NR)

ETA-SD-20190500531, ETA-SD-20190500547, ETA-SD-20190500710, ETA-SD-20190500818, ETA-SD-20190601758, ETA-SD-20190601779, ETA-SD-20190702496, ETA-SD-20190702597, ETA-SD-20190702602, ETA-SD-20190702752, ETA-SD-20190904868, ETA-SD-20190904870, ETA-SD-20191005584, ETA-SD-20200100480, ETA-SD-20200201296, ETA-SD-20200503318, ETA-SD-20210201239, ETA-SD-20210503115.

NR-ETA/1215, NR-ETA/1420, NR-ETA/1421, NR-ETA/2015, NR-ETA/2221, NR-ETA-3373, NR-ETA/3544, NR-ETA/4717, NR-ETA/7218-RLO(NR), NR-ETA/7219-RLO(NR), NR-ETA/7220-RLO(NR), NR-ETA/9168-RLO(NR), SR-ETA/201900419,ETA-SD-20210201419,ETA-SD-20210201425,ETA-SD-2021070517,ETA-SD-20210704875,ETA-SD-20210805474,ETA-SD-20211007711,ETA-SD-20220100173,ETA-SD-20220302289,ETA-SD-20220605444,ETA-SD-20220604919, R-41175277, ETA-SD-2030100482, ETA-SD-20220201488, ETA-SD-20230101052, ETA-SD-20230302468, ETA-SD-20221009137, ETA-SD-20221009136.

Indonesia

⚠ Dilarang melakukan perubahan spesifikasi yang dapat menimbulkan gangguan fisik dan/atau elektromagnetik terhadap lingkungan sekitarnya.

57027/SDPPI/2018, PLG ID: 7696

57059/SDPPI/2018, PLG ID: 7696

60924/SDPPI/2019, PLG ID: 4334

61642/SDPPI/2019, PLG ID: 4334

61855/SDPPI/2019, PLG ID: 4334

61981/SDPPI/2019, PLG ID: 4334

62361/SDPPI/2019, PLG ID: 8837

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- 62404/SDPPI/2019, PLG ID: 4334
- 64520/SDPPI/2019, PLG ID: 4334
- 67149/SDPPI/2020, PLG ID: 4334
- 67359/SDPPI/2020, PLG ID: 4334
- 67495/SDPPI/2020, PLG ID: 4334
- 67512/SDPPI/2020, PLG ID: 4334
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82007/SDPPI/2022, PLG ID: 4334


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89689/SDPPI/2023, PLG ID: 4334

89700/SDPPI/2023, PLG ID: 4334

87909/SDPPI/2023, PLG ID: 4334

92017/SDPPI/2023, PLG ID: 4334

12345/SDPPI/2011, PLG ID: 1234, 21436/SDPPI/2011, 32143/SDPPI/2013, PLG ID: 3073, 32144/SDPPI/2013, PLG ID: 3073, 32221/SDPPI/2013, PLG ID: 3073, 33651/SDPPI/2014, PLG ID: 2181, 33652/SDPPI/2017, PLG ID: 2181, 34468/I/SDPPI/2017, PLG ID: 2879, 34539/I/SDPPI/2017, PLG ID: 4211, 34691/SDPPI/2014, PLG ID: 4604, 36961/SDPPI/2014, PLG ID: 4792, 38132/I/SDPPI/2017, PLG ID: 2130, 38296/I/SDPPI/2017, PLG ID: 4976, 40095/I/SPDDI/2018, PLG ID: 3891, 40409/SDPPI/2015, PLD ID: 4792, 44153/SDPPI/2016, PLG ID: 4211, 47786/SDPPI/2016, PLG ID: 6051, 47817/SDPPI/2016, PLG ID: 6094, 48732/SDPPI/2016, PLG ID: 3891, 40848/I/SDPPI/2018, PLG ID: 2181, 50425/SDPPI/2017, PLG ID: 4057, 50459/SDPPI/2017, PLG ID: 6051, 53856/SDPPI/2017, PLG ID: 4211, 55438/SDPPI/2018, PLG ID: 6051, 55776/SDPPI/2018, PLG ID: 7205, 56625/SDPPI/2018, PLG ID: 7708, 57406/SDPPI/2018, PLG ID: 7708, 57647/SDPPI/2018, PLG ID: 7708, 57687/SDPPI/2018, PLG ID: 7708, 58206/SDPPI/2018, PLG ID: 5834, 62361/SDPPI/2019, PLG ID: 8837, 62745/SDPPI/2019, PLG ID:3813, 64730/SDPPI/2019, PLG ID: 8837, 67688/SDPPI/2020, PLG ID: 3813, 67930/SDPPI/2020, PLG ID: 3813, 67931/SDPPI/2020, PLG ID: 3813, 74369/SDPPI/2021, PLG ID: 3813, 74998/SDPPI/2021, PLD ID: 10325.

PLG ID: 4334: 39689/SDPPI/2015, 58849/SDPPI/2018, 60544/SDPPI/2019, 62443/SDPPI/2019, 62481/SDPPI/2019, 62637/SDPPI/2019, 62638/SDPPI/2019, 62825/SDPPI/2019, 62826/SDPPI/2019, 62827/SDPPI/2019, 62828/SDPPI/2019, 62957/SDPPI/2019, 62958/SDPPI/2019, 63076/SDPPI/2019, 63077/SDPPI/2019, 63078/SDPPI/2019, 63079/SDPPI/2019, 63080/SDPPI/2019, 63081/SDPPI/2019, 63082/SDPPI/2019, 63128/SDPPI/2019, 63129/SDPPI/2019, 63130/SDPPI/2019, 63131/SDPPI/2019, 63132/SDPPI/2019, 63133/SDPPI/2019, 63134/SDPPI/2019, 63135/SDPPI/2019, 63136/SDPPI/2019, 63137/SDPPI/2019, 63138/SDPPI/2019, 63139/SDPPI/2019, 63140/SDPPI/2019, 63147/SDPPI/2019, 63160/SDPPI/2019, 63161/SDPPI/2019, 63162/SDPPI/2019, 63286/SDPPI/2019, 63577/SDPPI/2019, 63578/SDPPI/2019, 63579/SDPPI/2019, 63580/SDPPI/2019, 63581/SDPPI/2019, 63582/SDPPI/2019, 63583/SDPPI/2019, 64515/SDPPI/2019, 64516/SDPPI/2019, 64639/SDPPI/2019, 64640/SDPPI/2019, 66006/SDPPI/2020, 66074/SDPPI/2020, 66603/SDPPI/2020, 67154/SDPPI/2020, 68316/SDPPI/2020, 71563/SDPPI/2020, 71835/SDPPI/2020, 72274/SDPPI/2020, 73488/SDPPI/2021, 73816/SDPPI/2021, 73954/SDPPI/2021, 74360/SDPPI/2021, 74525/SDPPI/2021, 74928/SDPPI/2021, 75296/SDPPI/2021, 76862/SDPPI/2021, 76974/SDPPI/2021, 77920/SDPPI/2021, 78452/SDPPI/2021, 80130/SDPPI/2022, 80858/SDPPI/2022, 82116/SDPPI/2022,80846/SDPPI/2022,81032/SDPPI/2022,81094/SDPPI/2022,82886/SDPPI/2022,82926/SDPPI/2022, 74998/SDPPI/2022.

Israel

MoC:

11-11052, 11-11252, 11-12320, 51-07681, 51-10011, 51-10360, 51-10361, 51-37428, 51-41889, 51-42830, 51-42841, 51-43949, 51-46980, 51-47851, 51-52344, 51-54730, 51-55347, 51-57375, 51-58102, 51-58527, 51-63653, 51-64296, 51-65008, 51-65009, 51-65839, 51-65860, 51-65909, 51-65953, 51-66171, 51-66172, 51-66173, 51-66259, 51-66383, 51-66390, 51-66415, 51-66601, 51-66602, 51-69416, 51-69417, 51-70460, 51-70461, 51-71498, 51-71601, 51-72848, 51-73078, 51-73720, 51-74243, 51-74291, 51-74339, 51-74356, 51-74361, 51-74441, 51-74442, 51-74443, 51-74356, 51-74537, 51-74636, 51-74989, 51-75000, 51-75054, 51-74632, 51-74633, 51-74634, 51-74635, 51-74636, 51-74896, 51-74989, 51-75000, 51-75054, 51-75243, 51-75245, 51-75515, 51-76029, 51-76247, 51-76311, 51-76312, 51-76422, 51-76971, 51-77001, 51-77099, 51-77882, 51-80024, 51-81786, 51-81807, 51-82314

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55-02626, 55-06864, 55-06893, 55-06894, 55-07102, 55-07460, 55-07477, 55-07480, 55-07680, 55-07681, 55-07789, 55-08250, 55-08456, 55-08739, 55-08803, 55-09135, 55-09396, 55-09600, 55-09601, 55-09617, 55-09618, 55-09683, 55-10011, 55-10360, 55-10361, 55-10614, 55-11599

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Jamaica

This product contains a Type Approved Module by Jamaica:

SMA Equipment Identifier:

FR5CUEC, RS5.3, MQBS01, TSSRE4Uf, TSSSG4G5b, WPC003-1, Medium 5C_21, TSSRE4Td, FPK8 IMMO5D, CB2JCIBUSHL4, LTE-MBC-NAR2, TLVHM3IU-W, LTE-MBC-NAR2, LTE-MBC-NARTSSSG4G4, TSSTSc, TLAHW3IU-W, FS14T and FS14TK, WCH-186, WCH-185, WCH-183, 17101031, CONBOX-HIGH, MQB3 OI, MEDIUM 5C & COLOUR 5C, 17101023, 17101022, 17101032, 17101043, 17101041, 18020534, ARS5-B, 18020534, TSSRE4A, VK2, VW MIB2 Entry, MIB GLOBAL STANDARD PLUS, RS4, 18020534, 5WK50257/254/252/250/248/40398036/40406557/4038279, FS94, FS09,VW India 2.0 Low Radio,VW MIB Regio,F5CP42, MQBS01, WPC003-5, WPC003-1, MQBS01, BR22, FPK8I5DTR2, TLVUM3IU-W, TLVUW3IU-W, FS19S, FS191S

Jordan

TRC no.:

TRC/LPD/2010/91, TRC/LPD/2014/9, TRC/LPD/2014/186, TRC/LPD/2014/214, TRC/LPD/2014/241, TRC/LPD/2014/248, TRC/LPD/2014/258, TRC/LPD/2014/274, TRC/LPD/2015/387, TRC/LPD/2016/170, TRC/LPD/2016/215, TRC/LPD/2016/216, TRC/LPD/2016/252, TRC/LPD/2016/353, TRC/LPD/2016/478, TRC/LPD/2016/538, TRC/LPD/2016/584, TRC/LPD/2016/591, TRC/LPD/2017/63, TRC/LPD/2017/254, TRC/LPD/2018/1, TRC/LPD/2018/128, TRC/LPD/2018/162, TRC/LPD/2018/193, TRC/LPD/2018/228, TRC/LPD/2018/272, TRC/LPD/2018/274, TRC/LPD/2018/381, TRC/LPD/2018/399, TRC/LPD/2018/489, TRC/LPD/2018/528, TRC/LPD/2018/529, TRC/LPD/2019/67, TRC/LPD/2019/152, TRC/LPD/2019/153, TRC/LPD/2019/155, TRC/LPD/2019/227, TRC/LPD/2019/233, TRC/LPD/2019/234, TRC/LPD/2021/215.

TRC/SS/2010/48, TRC/SS/2014/127, TRC/SS/2015/221, TRC/SS/2015/222, TRC/SS/2016/476, TRC/SS/2019/212, TRC/31/7615/2020, TRC/31/5862/2022, TRC/32/6684/2023, TRC/31/11434/2023, TRC/31/11517/2023, TRC/34/6696/2023, TRC/31/11516/2023, TRC/31/9121/2021.

TRC No.: T/4/11/11/... 194, 0354, 1200, 2394, 2538, 2926, 2950, 3338, 3339, 3474, 3502, 3506, 3512, 3641, 3680, 3681, 3900, 4215, 4350, 4352, 4387, 4549, 4554, 4555, 5616, 5621, 5649, 5653, 5896, 5898, 5974, 5976, 5977, 6082, 6435, 7192, 7216, 7218, 7716, 7777, 8007, 8163, 8164, 8205, 8225, 8226, 8227, 8230, 8278, 8281, 8660, 8677, 8680, 8793, 8910, 9184, 9229, 9236, 9351, 9352, 9585, 9851, 10124, 10354, 10488, 10752, 10753, 11026, 11078, 12260,194200,1199,2950,3512,4215,5397,5739,8102,9215,9217,932,2517,2612,2609,2608, 258, 382, 9177, 9343, 976, 1142, 1417, 1626, 1748, 2498, 2855, 2854, 2912, 3097, 3196, 3248, 3391, 3392, 3658, 3731, 4537, 3820, 4099, 4087, 4100, 4423, 4422, 4586, 5159, 5200, 4099, 5318, 5365, 5874, 5872, 5875, 7103, 7042, 7068, 7067, 7045, 7710, 7814.

Cameroon

AGENCE DE REGULATION DES TELECOMMUNICATIONS CAMEROUN

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HOMOLOGATION D'EQUIPEMENT:

106/ART/DG/DT/SDNSEA/SNH/CA, 125/ART/DG/DT/SDNSEA/SNH/CA, 137/ART/DG/DT/SDNA/SNH/CA1, 139/ART/DG/DT/SDNA/SNH/CA1, 152/ART/DG/DT/SDNA/SNH/CA2, 167/ART/DG/DT/SDNA/SNH/CA3, 170/ART/DG/DT/SDNA/SNH/CA2, 172/ART/DG/DT/SDNA/SNH/CA2, 271/ART/DG/DT/SDNA/SNH/CA2, 273/ART/DG/DT/SDNA/SNH/CA2, 287/ART/DG/DT/SDNA/SNH/CA2, 293/ART/DG/DT/SDNA/SNH, 301/ART/DG/DT/SDNSEA/SNH/CA, 305/ART/DG/DT/SDNA/SNH/CA1, 309/ART/DG/DT/SDNA/SNH/CA1, 318/ART/DG/DT/SDNA/SNH/CA1, 428/ART/DG/DT/SDNA/SNH/CA1, 458/ART/DG/DT/SDNSEA/SNH, 459/ART/DG/DT/SDNSEA/SNH, 465/ART/DG/DT/SDNA/SNH, 469/ART/DG/DT/SDNA/SNH/CA2, 475/ART/DG/DT/SDNA/SNH/CA2, 581/ART/DG/DT/SDNA/SNH/CA2, 616/ART/DG/DT/SDNA/SNH/CA2, 628/ART/DG/DT/SDNA/SNH/CA1, 631/ART/DG/DT/SDNA/SNH/CA1, 720/ART/DG/DT/SDNA/SNH/CA2, 722/ART/DG/DT/SDNA/SNH/CA2, 726/ART/DG/DT/SDNA/SNH/CA2, 734/ART/DG/DT/SDNA/SNH/CA2, 778/ART/DG/DT/SDNA/SNH/CA1, 788/ART/DG/DT/SDNSEA/SNH/CA, 851/ART/DG/DT/SDNA/SNH/CA2, 856/ART/DG/DT/SDNA/SNH/CA2, 870/ART/DG/DT/SDNA/SNH/CA2, 1129/ART/DG/DT/SDNSEA/SNH/CA, 1151/ART/DG/DT/SDNSEA/SNH, 1789/ART/DG/DT/SDNA/SNH, 1150/ART/DG/DT/SDNSEA/SNH, 1152/ART/DG/DT/SDNSEA/SNH, 135/ART/DG/DT/SDNSEA/SNH, 289/ART/DG/DT/SDNSEA/SNH,295/ART/DG/DT/SDNSEA/SNH, 492/ART/DG/DT/SDNSEA/SNH, 655/ART/DG/DT/SDNSEA/SNH, 656/ART/DG/DT/SDNSEA/SNH, 663/ART/DG/DT/SDNSEA/SNH, 2784/ART/DG/DT/SDNSEA/SNH, 834/ART/DG/DT/SDNSEA/SNH, 837/ART/DG/DT/SDNSEA/SNH, 941/ART/DG/DT/SDNSEA/SNH, 36/ART/DG/DT/SDNSEA/SNH, 79/ART/DG/DT/SDNSEA/SNH, 78/ART/DG/DT/SDN/SEA/SNH, 333/ART/DG/DT/SDN/SEA/SNH/CA, 442/ART/DG/DT/SDN/SEA/SNH/CA, 113/ART/DG/DT/SDN/SEA/SNH/CA, 111/ART/DG/DT/SDN/SEA/SNH/CA

Malaysia

CIDF15000490, CIDF15000578, CIDF17000143, MRR14F, ARS4-B, MIB3 OI

RAAT/44A/0219/S(19-0487), RAAU/05C/0415/S(14-3022), RAAU/33C/1015/S(15-0535), RAAU/35C/1115/S(15-0536), RAAU/40C/1215/S(15-4937), RAAU/48C/0716/S(16-2025), RAAU/57A/0111/S(10-2112), RAAY/84A/0618/S(18-2241), RAAY/85A/0618/S(18-2242), RAAY/86A/0618/S(18-2378), RAAY/87A/0718/S(18-2596), RAAY/89A/0718/S(18-3107), RAAY/92A/1218/S(18-4731), RAAY/98A/0620/S(20-2103), RAFC/18A/0618/S(18-2470), RALM/22A/0315/S(15-0480), RALM/30B/1020/S(20-4379), RALM/34A/0616/S(16-0899), RALM/35A/0716/S(16-2324), RALM/43B/0221/S(21-0619), RALM/44A/0517/S(17-1383), RALM/45A/0517/S(17-1576), RALM/66A/0618/S(18-2468), RALM/67A/0618/S(18-2474), RALM/68A/0618/S(18-2473), RALM/69A/1018/S(18-3829), RALM/77A/0219/S(19-0174), RANI/26C/1215/S(15-4798, RANI/27B/0314/S(14-0418), RANI/27C/1215/S(15-4802), RANI/72B/0215/S(14-3024), RAQP/76A/1121/S(21-5310), RAVG/39U/0616/S(16-1865), RBEF/04A/0317/S(17-0584), RBEF/30A/0919/S(19-3760), RCCT/46B/0317/S(17-0740), RCCT/47B/0317/S(17-0739), RCCT/61D/0719/S(19-2714), RCCT/64B/0517/S(17-0741), RCCT/82C/0718/S(18-2447), RDDC/72A/0518/S(18-1697), RDDK/02B/0419/S(19-1401), RDDK/08A/0416/S(16-1233), RDDK/08B/0416/S(16-1233), RDDK/17A/0816/S(16-2023), RDDK/22A/1016/S(16-3306), RDDK/23A/0916/S(16-3288), RDDK/68A/0418/S(18-1521), RDDK/69B/1220/S(20-5452), RDDK/72A/0518/S(18-1697), RDDK/74A/0618/S(18-2223), RDDK/83A/1018/S(18-4152), RDDK/84A/1018/S(18-4153), RDDS/27A/0319/S(19-1029), RDFX/09A/0821/S(21-4059), RDFX/10A/0921/S(21-4061), RDFX/11A/0921/S(21-4060), RFCL/09A/0218/S(18-0609), RFCL/13A/0618/S(18-2379), RFCL/14A/0618/S(18-2543), RFCL/15A/0718/S(18-2544), RFCL/18A/0718/S(18-2529), RFCL/19A/0718/S(18-2545), RFCL/20A/0718/S(18-2718), RFCL/21A/0718/S(18-2717), RCFL/22A/0818/S(18-3109), RFCL/23A/0818/S(18-3153), RCFL/24A/0818/S(18-3152), RFCL/26A/0918/S(18-3810), RFCL/27A/0918/S(18-3812), RFCL/28A/1018/S(18-3977), RFCL/29A/1018/S(18-4127), RFCL/30A/1018/S(18-4129), RFCL/31A/1018/S(18-3976), RFCL/33A/0619/S(19-2422), RFCL/34A/0619/S(19-2421), RFCL/35A/0719/S(19-2874), RFCL/36A/0719/S(19-2875), RFCL/41A/0220/S(20-0390), RFCL/42A/0220/S(20-0391), RFCL/44A/0320/S(20-1385), RFCP/36A/0321/S(21-1381), RFGF/05A/0519/S(19-2090), RGBZ/01A/0318/S(18-0918), RGBZ/03A/0320/S(20-1253), RGEZ/25A/0920/S(20-3544), RGEZ/31A/0421/S(21-1529), RGEZ/36A/0521/S(21-2216), RGIG/01A/0220/S(20-0593), RGIG/02A/0220/S(20-0591), RGLA/06A/1220/S(20-5384), RGNU/03A/0221/S(21-0560),RCCT/02G/1021/S(21-4512),RAQP/73A/1121/S(21-5209),RAQP/76A/1121/S(21-5310),RAQP/75A/1121/S(21-5309),RRCCT/19G/1121/S(21-4614),RFGF/05A/0519/S(19-2090),RALM/77A/0219/S(19-0174),RALM/54B/1221/S(21-5945),RALM/34A/0616/S(16-

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0899),RGLN/26A/0122/S(22-0336),RAQP/77A/0222/S(22-0908),RGEZ/45A/0322/S(22-1385),RAVG/39U/0616/S(16-1865),RCCT/46B/0317/S(17-0740),RCCT/47B/0317/S(17-0739),RCCT/64B/0517/S(17-0741), RAAU/40C/1215/S(15-4937),RAAU/57A/0111/S(10-2112), RAVG/39U/0616/S(16-1865), RDDK/23A/0916/S(16-3288), RAQP/84A/0822/S(22-3841), RBEF/30A/0919/S(19-3760), RAQP/84A/0922/S(22-4095), RAQP/88A/1022/S(22-4485), RALM/75B/1122/S(22-5510), RALM/74B/1122/S(22-5508), RALM/22A/0315/S(15-0480), RAQP/84A/0223/S(23-0548), RGLA/06A/1220/S(20-5384), RGIH/67A/0522/S(22-2480), RALM/90B/0323/S(23-0831), RALM/89B/0323/S(23-0830), RALM/90B/0323/S(23-0831), RFCP/23A/0323/S(23-1490), RALM/44A/0517/S(17-1383) RGLN/01A/0620/S(20-2413), RALM/20B/0820/S(20-3382), RALM/21B/0820/S(20-3381), RGLN/46A/0523/S(23-2144), RFCL/83A/0623/S(23-2566), RFCL/84A/0623/S(23-2507), RFCL/85A/0623/S(23-2508), RFCL/86A/0623/S(23-2693), RFCL/94A/0623/S(23-2789), RFCL/87A/0623/S(23-2595), RFCL/88A/0623/S(23-2694), RFCL/89A/0623/S(23-2684), RFCL/94A/0623/S(23-2789), RFCL/95A/0623/S(23-2791), RFCL/91A/0623/S(23-2786), RFCL/92A/0623/S(23-25787), RFCL/93A/0623/S(23-2788), RFCL/04C/0623/S(23-2911), RFCL/97A/0723/S(23-3079), RFCL/96A/0723/S(23-3078), RFCL/99A/0723/S(23-3077), RFCL/98A/0723/S(23-3076), RALM/33B/1120/S(20-4706), RAQP/07B/0823/S(23-3721), RAQP/06B/0823/S(23-3720), RDDK/75C/0223/S(23-0474), RDDK/74C/0223/S(23-0472).

Morocco

AGREE PAR L'ANRT MAROC

Numéro d'agrément_Date d'agrément

MR 5371ANRT2010_05.12.2019, MR 5611ANRT2010_27.05.2010, MR 5835ANRT2010_28.08.2020, MR 7906ANRT2013_06.03.2013, MR 8106ANRT2013_29.04.2013, MR 9102ANRT2014_14.03.2014, MR 9107ANRT2014_18.03.2014, MR 9126ANRT2014_26.03.2014, MR 9186ANRT2014_22.04.2014, MR 9668ANRT2014_30.09.2014, MR 9741ANRT2014_24.10.2014, MR 9778ANRT2014_11.11.2014, MR 9904ANRT2014_19.12.2014, MR 9918ANRT2014_22.12.2014, MR 11030ANRT2015_04.11.2015, MR 11264ANRT2016_08.01.2016, MR 11554ANRT2016_15.03.2016, MR 12089ANRT2016_15.06.2016, MR 12123ANRT2016_22.06.2016, MR 12372ANRT2016_16.08.2016, MR 12623ANRT2016_11.10.2016, MR 12755ANRT2016_07.11.2016, MR 12756ANRT2016_07.11.2016, MR 12901ANRT2016_30.11.2016, MR 13217ANRT2017_27.01.2017, MR 13255ANRT2017_09.02.2017, MR 13576ANRT2017_20.03.2017, MR 13772ANRT2017_13.04.2017, MR 13774ANRT2017_13.04.2017, MR 13851ANRT2017_03.05.2017, MR 13892ANRT2017_03.05.2017, MR 13900ANRT2017_04.05.2017, MR 14830ANRT2017_28.09.2017, MR 15171ANRT2017_22.11.2017, MR 15669ANRT2018_31.01.2018, MR 15674ANRT2018_31.01.2018, MR 15675ANRT2018_31.01.2018, MR 15925ANRT2018_27.02.2018, MR 16263ANRT2018_06.04.2018, MR 16606ANRT2018_17.05.2018, MR 16657ANRT2018_23.05.2018, MR 16726ANRT2018_30.05.2018, MR 16794ANRT2018_05.06.2018, MR 16860ANRT2018_18.06.2018, MR 16861ANRT2018_18.06.2018, MR 16905ANRT2018_21.06.2018, MR 16906ANRT2018_21.06.2018, MR 16907ANRT2018_21.06.2018, MR 16908ANRT2018_21.06.2018, MR 17015ANRT2018_03.07.2018, MR 17016ANRT2018_03.07.2018, MR 17079ANRT2018_11.07.2018, MR 17080ANRT2018_11.07.2018, MR 17201ANRT2018_06.08.2018, MR 17202ANRT2018_06.08.2018, MR 17203ANRT2018_06.08.2018, MR 17204ANRT2018_06.08.2018, MR 17504ANRT2018_14.09.2018, MR 17505ANRT2018_14.09.2018, MR 17528ANRT2018_20.09.2018, MR 17576ANRT2018_26.09.2018, MR 17678ANRT2018_11.10.2018, MR 17679ANRT2018_11.10.2018, MR 18103ANRT2018_30.11.2018, MR 18334ANRT2018_21.12.2018, MR 18335ANRT2018_21.12.2018, MR 18615ANRT2019_21.01.2019, MR 18736ANRT2019_04.02.2019, MR 18928ANRT2019_25.02.2019, MR 19106ANRT2019_14.03.2019, MR 19108ANRT2019_14.03.2019, MR 19315ANRT2019_04.04.2019, MR 19338ANRT2019_09.04.2019, MR 19339ANRT2019_09.04.2019, MR 19505ANRT2019_22.04.2019, MR 19520ANRT2019_23.04.2019, MR 19767ANRT2019_15.05.2019, MR 19768ANRT2019_15.05.2019, MR 19769ANRT2019_15.05.2019, MR 20859ANRT2019_11.09.2019, MR 20901ANRT2019_13.09.2019, MR 20902ANRT2019_13.09.2019, MR 20944ANRT2019_19.09.2019, MR 21472ANRT2019_26.11.2019, MR 21473ANRT2019_28.11.2019, MR 21807ANRT2019_23.12.2019, MR 22495ANRT2020_26.02.2020, MR 23231ANRT2020_26.05.2020, MR 23405ANRT2020_16.03.2020, MR 24001ANRT2020_13.05.2020, MR 24106ANRT2020_20.05.2020, MR 25982ANRT2020_14.10.2020, MR 26081ANRT2020_22.10.2020, MR 26333ANRT2020_12.11.2020, MR 27808ANRT2021_13.03.2021, MR 30377ANRT2021_14.10.2021,

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MR 31268ANRT2022_04.01.2022,MR 29628ANRT2021_02.08.2021,MR 30406ANRT2021_24.10.2021,MR 30494ANRT2
MR 30377ANRT2021_14.10.2021, MR 30377ANRT2021_26.10.2022, MR 8106ANRT2013_26.10.2022,
MR 9186ANRT2014_26.10.2022, MR 9668ANRT2014_26.10.2022, MR 11264ANRT2016_27.10.2022,
MR 17528ANRT2018_27.10.2022, MR 9126ANRT2014_27.10.2022, MR 35384ANRT2022_21.11.2022,
MR 35382ANRT2022_21.11.2022, MR 35387ANRT2022_21.11.2022, MR 35393ANRT2022_21.11.2022,
MR 36711ANRT2023_10.02.2023, MR 25982ANRT2020_14.10.2020, MR 31772ANRT2020_17.02.2022,
MR 35739ANRT2022_12.12.2022, MR 36711ANRT2020_10.02.2023, MR 31772ANRT2020_03.04.2023,
MR 37224ANRT2023_23.06.2023, MR 31774ANRT2017_10.08.2023, MR 12122ANRT2016_10.08.2023,
MR 12123ANRT2016_10.08.2023, MR 35351ANRT2022_17.11.2022, MR 35350ANRT2022_17.11.2022.

Mauritania

AGREE PAR L'ARE MAURITANIE

Numéro d'agrément_Date d'agrément:

0375/ARE/2016_29.11.2016, 410/ARE/2017_03.05.2017, 0411/ARE/2017_03.05.2017, 0483/ARE/2018_05.04.2018,
0491/ARE/2018_15.05.2018, 0493/ARE/2018_16.05.2018, 0518/ARE/2018_19.06.2018,
0519/ARE/2018_19.06.2018, 0520/ARE/2018_19.06.2018, 0523/ARE/2018_19.07.2018,
0524/ARE/2018_19.07.2018, 0525/ARE/2018_19.07.2018, 0537/ARE/2018_30.07.2018,
0538/ARE/2018_30.07.2018, 0542/ARE/2018_08.08.2018, 0587/ARE/2018_04.12.2018,
0588/ARE/2018_04.12.2018, 0591/ARE/2018_05.12.2018, 0597/ARE/2018_13.12.2018,
0598/ARE/2018_13.12.2018, 0630/ARE/2019_25.02.2019, 0647/ARE/2019_30.04.2019,
0649/ARE/2019_30.04.2019, 0650/ARE/2019_30.04.2019, 0664/ARE/2019_27.05.2019,
0665/ARE/2019_27.05.2019, 0667/ARE/2019_27.05.2019, 0712/ARE/2018_04.11.2019,
0713/ARE/2018_04.11.2019, 0742/ARE/2020_20.01.2020, 0796/ARE/2020_11.05.2020,
0839/ARE/2020_21.09.2020, 0840/ARE/2020_21.09.2020, 0869/ARE/2020_17.11.2020,
0869/ARE/2019_16.11.2022, 0874/ARE/2020_26.11.2020, 0971/ARE/2021_20.07.2021,
0979/ARE/2021_09.08.2021, 1128/ARE/2021_27.06.2022, 1127/ARE/2021_27.06.2022,
1173/ARE/2022_17.10.2022, 232/ARE/2023_13.02.2023, 1212/ARE/2022_22.12.2022, 1251/ARE/2023_16.03.2023,
1252/ARE/2023_20.03.2023, 1263/ARE/2023_17.04.2023, 1267/ARE/2023_17.05.2023,
1269/ARE/2023_17.05.2023, 1270/ARE/2023_17.05.2023, 1296/ARE/2023_13.06.2023,
1297/ARE/2023_13.06.2023, 1303/ARE/2023_03.07.2023, 1306/ARE/2023_03.07.2023,
1304/ARE/2023_03.07.2023, 1303/ARE/2023_03.07.2023, 1305/ARE/2023_03.07.2023,
1218/ARE/2023_02.02.2023, 1219/ARE/2023_02.02.2023

Mexico

NYCE: NYC-2102C0E15067, NYC-2102C0E19765,NYC-2102C0E21985, NYC-2202C0E14311, NYC-2202C0E14310,
NYC-2202C0E14309, NYC-CEDT1456-21, NYC-2202C0E22124, NYC-2202C0E22129, NYC-2202C0E22336, NYC-
2202C0E22232, NYC-2102C0E19765, NYC-2202C0E21270, NYC-CEDT0106-23

ANCE:ANC2101C00017489,ANC2201C00003403,ANC2201C00004471

UL:ULM-NOM-10526,ULM-NOM-10528,ULM-NOM-10533,

IFETEL:

IFT/223/UCS/DG-AUSE/0311/2018, IFT-008-2015, IFT/223/UCS/DG-AUSE/10559/2021, IFT/223/UCS/DG-
AUSE/9797/2021, IFT/223/UCS/DG-AUSE/9793/2021, IFT/223/UCS/DG-AUSE/9791/2021, IFT/223/UCS/DG-
AUSE/9792/2021, IFT/223/UCS/DG-AUSE/9796/2021, IFT/223/UCS/DG-AUSE/9788/2021, IFT/223/UCS/DG-
AUSE/0029/2021, IFT/223/UCS/DG-AUSE/7577/2020, IFT/223/UCS/DG-AUSE/6918/2022, IFT/223/UCS/DG-
AUSE/6915/2022, IFT/223/UCS/DG-AUSE/1911/2022, IFT/223/UCS/DG-AUSE2294/2022, IFT/223/UCS/DG-
AUSE/2516/2022, IFT/223/UCS/DG-AUSE/1766/2022, IFT/223/UCS/DG-AUSE/3659/2022, IFT/223/UCS/DG-
AUSE/3672/2022, IFT/223/UCS/DG-AUSE/4769/2022, IFT/223/UCS/DG-AUSE/1540/2022, IFT/223/UCS/DG-
AUSE/3129/2022, IFT/223/UCS/DG-AUSE/4898/2022, IFT/223/UCS/DG-AUSE/4897/2022, IFT/223/UCS/DG-

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AUSE/4551/2022, IFT/223/UCS/DG-AUSE/xxxx/2022, IFT/223/UCS/DG-AUSE/4432/2022, IFT/223/UCS/1365/2023, IFT/223/UCS/1940/2023, IFT/223/UCS/2740/2023, IFT/223/UCS/3554/2023, IFT/223/UCS/3942/2023, IFT/223/UCS/3950/2023, IFT/223/UCS/1175/2023, IFT/223/UCS/1174/2023

RCPVIVW21-4222, RCPAPR318-2005, RCPBOBR21-0911, RCPBOFR18-1885, RCPBOLR09-0828, RCPBOLR16-0518, RCPBOMR12-1538, RCPBOMR14-0766, RCPBOMR14-0922, RCPBOMR17-0598, RCPBOMQ19-0594, RCPCOAR18-1800, RCPGEAD16-1700, RCPHAMM10-0514, RCPHEBS14-0180, RCPHEBC18-2099, RCPHEFS19-1702, RCPHEFS20-1469, RCPHERS19-1678, RCPGEAD16-1700, RCPGECB14-0464, RCPLGLG16-0952, RCPLGMI19-1163, RCPVIVW20-0478, RCPVOHT13-1485, RCPVOMI15-0115, RCPVWFS16-0693, RCPVWL414-0775, RCPVWL414-0775-A1, RCPVWL617-0023, RCPVWMI17-0707, RCPVWMI17-0902, RCPVWMI18-2151, RCPVWMI18-2169, RCPVWMI14-0755, RCPVWMI14-1819, RCPVWMI14-1819, RCPVWMI14-1820, RCPVWMI15-0640, RCPVWMI16-0590, RCPVWMI16-1445, RCPVWMM17-1053, RCPVWVW17-0714, RCPVWVW17-0714-A1, RLVBHTS19-1995, RLVBOLR14-1873, RLVCO1820-0821, RLVCOAR15-0008, RLVCOBC16-1823, RLVCO1820-0821, RLVCOFS18-2029, RLVCOFS18-2030, RLVDER316-1666, RLVDER316-2005, RLVHE0119-0720, RLVHEBC15-0293, RLVHEBC16-0682, RLVHEFS13-1688, RLVHEFS13-1690, RLVHEFS14-1515, RLVHEFS18-1288, RLVHEFS18-1565, RLVHEFS19-0647, RLVHEFS19-1298, RLVHEFS20-0533, RLVHEFS20-1335, RLVHEFS20-1336, RLVHEFS20-1420, RLVHELC11-1185, RLVHEMQ19-1757, RLVHEMQ19-1758, RLVHEMW19-1757, RLVHERS17-0286, RLVHUHU19-1065, RLVHUTS20-1781, RLVMABN18-1512, RLVMABN18-1512-A1, RLVMAMQ18-0363, RLVMAMQ20-2464, RLVVENB20-1419, RLVVICO19-1023, RLVVIFP20-1412, RLVVIKO18-0155, RLVVIME19-1022, RLVVIME19-1023, RLVVIME20-2934, RLVVWFS17-2122, RLVVWFS17-2122-A1, RLVVW1718-1092, RLVVW1718-1169, RLVVW1718-1170, RLVVW1718-1171, RLVVW1718-1314, RLVVW1718-1315, RLVVW1718-1316, RLVVW1718-1317, RLVVW1718-1507, RLVVW1718-1508, RLVVW1718-1509, RLVVW1718-1517, RLVVW1718-1518, RLVVW1718-1519, RLVVW1718-1567, RLVVW1718-1568, RLVVW1718-1789, RLVVW1718-1790, RLVVW1718-1928, RLVVW1718-1929, RLVVW1719-1795, RLVVW1818-1248, RLVVW1818-1249, RLVVW1818-1258, RLVVW1819-0009, RLVVW1819-0023, RTIAUCB18-0153, RTIAUMI14-1863, RTILECO19-1805, RTILECO21-2443, RTILGTL19-0483, RTILGTL19-1617, RTILGTL20-727, RTIMOLT20-0870, RTIMOLT20-1047, RTIVWCO19-1185,RCPHEPS21-4334,RCPHERS21-4335,RCPSCAG21-4523,RCPBOF522-0910,RCPVWMI22-1384,RLVBOFR22-2006,RCPVWL922-2123,RLVMAMQ22-3409.

La operación de este equipo está sujeta a las siguientes dos condiciones:

— (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y

— (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Mongolia

Монгол Улсад баталгаажсан

ID: A17000102, A17000116b, A17000165, A18000077, A18000240, A18000261, A18000266, A18000267, A19000462, A19000474, A19000548, A19000579, A19000574, A19000569, A19000578, A19000580, A20000040, A20000074, A20000098, A20000240, A20000253, A20000270,A20000124,A17000128,A17000122,A20000186,A18000201,A180002013,A18000073,A18000216,A18000 A19000423, A19000447, A19000446, A19000462, A19000474, A19000475, A19000476, A19000473, A19000724, A19000751, A19000547, A19000548, A19000569TSSRE4Uf, A19000578, A19000580, A19000579, A19000581, A16000088, A20000040, A20000253, A22000651, A22000874, A2300913, A22000812, A22000813.

Nigeria

Connection and use of this communications equipment is permitted by the Nigerian Communications Commission.

NCC/TSNi/WN/TA/CERT/: 0043/2011, 0679/2015, 0884/2015, 0922/2015, 0923/2015, 0947/2016, 1071/2016, 1247/2016, 1454/2017, 1567/2017, 1571/2017, 1650/2017, 1691/2017, 1692/2017, 2061/2018, 2062/2018, 2236/2018, 2332/2018, 2333/2018, 2334/2018, 2335/2018, 2338/2018, 2339/2018, 2340/2018, 2383/2018, 2384/2018, 2385/2018, 2427/2018, 2466/2018, 2467/2018, 2525/2018, 2838/2019, 2862/2019, 2935/2019, 2951/2019, 3137/2019, 3138/2019, 3223/2019, 3224/2019, 3401/2020, 3492/2020, 3493/2020, 3738/2020,

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3948/2020, 3983/2020, 3989/2020, 4019/2021, 4176/2021, 4218/2021, 4683/2021,4231/2021,4660/2021,4658/2021,4682/2021,01798/2022,01878/2022,01985/2022, 4683/2021, 3948/2020, 02000/2022, 00047/2023, 00320/2023

NCC/TSNi/TA/VOL: 161/2021/124

NCC/TSNi/TA/CERT: 435/2022, 00186/2023

Oman

TRA/TA-R/0555/12_D172338, TRA/TA-R/0984/13_D100428, TRA/TA-R/1049/09, TRA/TA-R/1298-01/10_D090258, TRA/TA/R/1448/10_D090258, TRA/TA-R/1575/13_TRAUSR001251, TRA/TA-R/1585/13_TRAUSR001251, TRA/TA-R/1630/13_D100428, TRA/TA-R/1697/14_D100428, TRA/TA-R/1733/14_D080134, TRA/TA-R/1743/14_D090016, TRA/TA-R/1849-14_D090258, TRA/TA-R/1995/14_D100428, TRA/TA-R/2160/14_D080134, TRA/TA-R/2197/14_D100428, TRA/TA-R/2210/14_D080134, TRA/TA-R/2235/14_D080134, TRA/TA-R/2289/14_D080134, TRA/TA-R/2444/15_D090016, TRA/TA-R/2609/15_D100428, TRA/TA-R/2903/15_D080134, TRA/TA-R/3007-16_D080314, TRA/TA-R/3315/16_DA80134, TRA/TA-R/3331/16_D080134, TRA/TA-R/3370/16, TRA/TA-R/3621/16_D080134, TRA/TA-R/3701/16_D080134, TRA/TA-R/3848/17_D080134, TRA/TA-R/3957/17_D080134, TRA/TA-R/4227/17_D090024, TRA/TA-R/4353/17_D080134, TRA/TA-R/5130/18_23/01/2018, TRA/TA-R/5241/18_D172249, TRA/TA-R/5442/18_D100428, TRA/TA-R/5443/18_D100428, TRA/TA-R/5617/18_D100428, TRA/TA-R/5725/18_D100428, TRA/TA-R/5772/18_D100428, TRA/TA-R/5774/18_D100428, TRA/TA-R/5819/18_D100428, TRA/TA-R/5820/18_D100428, TRA/TA-R/5884/18_D100428, TRA/TA-R/5885/18_D100428, TRA/TA-R/5886/18_D100428, TRA/TA-R/5887/18_D100428, TRA/TA-R/6021/18_D100428, TRA/TA-R/6022/18_D100428, TRA/TA-R/6023/18_D100428, TRA/TA-R/6024/18_D100428, TRA/TA-R/6132/18_D172249, TRA/TA-R/6166/18_D100428, TRA/TA-R/6188/18_D172249, TRA/TA/R/6348/18_D090258, TRA/TA/R/6363/18_D090258, TRA/TA-R/6366/18_D100428, TRA/TA-R/6372/18_D100428, TRA/TA-R/6527/18_D172249, TRA/TA-R/6535/18_D100428, TRA/TA-R/6537/18_D177249, TRA/TA-R/6616/18_D100428, TRA/TA-R/6695/18_D100428, TRA/TA-R/6696/18_D100428, TRA/TA-R/7145/19_D172338, TRA/TA-R/7240/19_D100428, TRA/TA-R/7244/19_D100428, TRA/TA-R/7383/19_D100428, TRA/TA-R/7384/19_D100428, TRA/TA-R/7481/19_D172338, TRA/TA-R/7524/19_D100428, TRA/TA-R/7604/19_D100428, TRA/TA-R/7704/19_D090024, TRA/TA-R/7752/19_D090024, TRA/TA-R/7867/19_D192564, TRA/TA-R/7871/19_D192564, TRA/TA-R/8052/19_D090024, TRA/TA-R/8056/19_D090024, TRA/TA-R/8084/19_D192564, TRA/TA-R/8150/19_D172338, TRA/TA-R/8158/19_D172338, TRA/TA-R/8171/19_D100428, TRA/TA-R/8240/19_D172338, TRA/TA-R/8480/19_D192564, TRA/TA-R/8649/19_D090024, TRA/TA-R/8749/19_D172338, TRA/TA-R/9347/20_D172338, TRA/TA-R/9664/20_D172338, TRA/TA-R/9675/20_D192564, TRA/TA-R/9676/20_D192564, TRA/TA-R/9682/20_D100428, TRA/TA/R/10209/20_D172249, TRA/TA-R/10345/20_D090024, TRA/TA-R/10363/20_D100428, TRA/TA-R/11110/21_D172338, TRA/TA-R/11179/21_D172249,TRA/TA-R/10614/20_D172249,TRA/TA-R/11980/21_D172338,TRA/TA-R/12440/21_D172338,TRA/TA-R/12742/21_D090258,TRA/TA-R/12743/21_D090258,TRA/TA-R/13040/22_D172338, TRA/TA-R/11110/21_D172338, TRA/TA/6945/2014_17/09/2014, TRA/TA-R/15114/23_D172338, TRA/TA-R/13211/22_D172338, TRA/TA-R/15008/23_D172338, TRA/TA-R/13781/23_D100428, TRA/TA-R/15396/23_D090024, TRA/TA-R/12904/21_D213125, TRA/TA-R/12905/21_D213125.

Pakistan

Pakistan Telecom Authority (TAC No:)

Approved by PTA (2015), Approved by PTA (2016), Approved by PTA (2018), Approved by PTA (2020), Approved by PTA...,

9.090/2017, 9.10026/2019, 9.1048/2018, 9.1184/2021, 9.160/2021, 9.164/2021, 9.215/2015, 9.222/2015, 9.245/2020, 9.283/2020, 9.3012/2018, 9.399/2020, 9.484/2020, 9.499/2018, 9.581/2020, 9.652/2016, 9.687/2017, 9.9112/2019, 9.9227/2019, 9.9288/2019, 9.929/2018, 9.93/2021, 9.977/2015, 9.9837/2019, 9.9838/2019, 9.9903/2019, 9.10026/2019, 9.283/2020, 9.245/2020, 9.399/2020, 9.283/2020, 9.245/2020, 9.399/2020,

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9.484/2020,9.581/2020,9.93/2021, 9.1000/2021,9.338/2022,9.331/2022, 9.164/2021, 9.160/2021, 9.184/2021, 9.124/2023, 9.567/2022, 9.37/2023, 9.374/2023, 9.373/2023, 9.391/2023, 9.440/2023, 9.236/2022, 9.1098/2022, 9.1101/2022.

Paraguay

CONATEL PY:

2013-02-I-0027, 2014-06-I-000122, 2014-12-I-000352, 2015-02-I-000054, 2015-03-I-000085, 2015-03-I-000092, 2015-11-I-000344, 2015-11-I-000346, 2016-02-I-000036, 2016-03-I-000072, 2016-05-I-000138, 2016-07-I-000174, 2016-07-I-000186, 2016-10-I-000256, 2016-11-I-000293, 2016-11-I-000311, 2017-06-I-0000162, 2017-06-I-0000171, 2017-06-I-0000172, 2017-06-I-0000173, 2017-06-I-0000194, 2017-07-I-0000220, 2018-04-I-000169, 2018-05-I-000179, 2018-05-I-000192, 2018-06-I-000212, 2018-06-I-000220, 2018-07-I-000299, 2018-07-I-000322, 2018-07-I-000353, 2018-08-I-000364, 2018-08-I-000369, 2018-08-I-000380, 2018-08-I-000381, 2018-09-I-000419, 2018-09-I-000421, 2018-09-I-000422, 2018-09-I-000423, 2018-09-I-000424, 2018-10-I-000480, 2018-10-I-000481, 2018-10-I-000492, 2018-11-I-000585, 2018-11-I-000586, 2018-11-I-000596, 2018-11-I-000597, 2018-11-I-000612, 2019-01-I-000071, 2019-03-I-000155, 2019-03-I-000156, 2019-05-I-000236, 2019-05-I-000237, 2019-05-I-000243, 2019-05-I-000245, 2019-05-I-000253, 2019-06-I-0289, 2019-06-I-0295, 2019-07-I-0335, 2019-07-I-0341, 2019-07-I-0353, 2019-07-I-0396, 2019-08-I-0442, 2019-09-I-0517, 2019-10-I-0560, 2019-10-I-0561, 2019-11-I-0595, 2019-11-I-0596, 2019-11-I-0640, 2020-02-I-0111, 2020-02-I-0125, 2020-02-I-0140, 2020-03-I-00198, 2020-07-I-0417, 2020-07-I-0455, 2020-07-I-0531, 2020-07-I-0532, 2020-09-I-0664, 2020-11-I-0783, 2020-11-I-0825, 2020-11-I-0826, 2020-11-I-0832, 2020-11-I-0851, 2020-11-I-0868, 2020-12-I-0881, 2021-01-I-0035, 2021-03-I-0130, 2021-09-I-0539, 2021-09-I-0560,2021-11-I-0678,2021-12-I-0781,2021-12-I-0783,2022-02-I-0086 2022-02-I-0072,202-02-I-0089,2022-04-I-0275,2022-08-I-0497, 2022-08-I-04517, 2022-08-I-0516, 2022-08-I-0528 y 2017-09-I-0000328, 2023-01-I-0044, 2023-01-I-0052 y 2018-07-I-000299, 2023-01-I-0049 y 2018-06-I-000220, 2020-11-I-0832, 2022-03-I-00130, 2022-08-I-0517, 2019-07-I-0353, 2014-12-I-000352, 2023-02-I-0090, 2023-03-I-0140, 2023-03-I-0213, 2023-03-I-0249, 2018-06-I-000279, 2013-05-I-0093, 2023-05-I-0000323, 2023-05-I-0000321, 2023-05-I-0000322, 2023-05-I-0372, 2023-05-I-0373, 2023-05-I-0353, 2023-05-I-0354, 2023-06-I-0404, 2023-07-I-0495, 2023-07-I-0496, 2023-07-I-0511, 2022-09-I-0620, 2022-09-I-0621.

1297/2019, 1298/2019.

Este vehiculo posee el siguiente componente de radiofrecuencias, homologado por la CONATEL – Paraguay: Llave Inalámbrica Marca HELLA, Modelo FS19. Fabricado por HELLA Germany.

Philippines

NTC, Type Approved No.:

ESD-1105427C, ESD-1105633C, ESD-1206775C, ESD-1308271C, ESD-1408668C, ESD-1408747C, ESD-1408917C, ESD-1409834C, ESD-1409181C, ESD-1409770C, ESD-1510139C, ESD-1510297C, ESD-1510396C, ESD-1510397C, ESD-1511095C, ESD-1612168C, ESD-1612188C, ESD-1613057C, ESD-1613431C, ESD-1613454C, ESD-1714358C, ESD-1714837C, ESD-1714838C, ESD-1714839C, ESD-1715123C, ESD-1716172C, ESD-1816403C, ESD-1816404C, ESD-1816419C, ESD-1816997C, ESD-1817283C, ESD-1817335C, ESD-1817369C, ESD-1817501C, ESD-1817548C, ESD-1817853C, ESD-1817897C, ESD-1817898C, ESD-1817899C, ESD-1817900C, ESD-1818098C, ESD-1818419C, ESD-1918733C, ESD-1918734C, ESD-1918735C, ESD-1918843C, ESD-1918844C, ESD-1919228C, ESD-1919230C, ESD-1919232C, ESD-1919296C, ESD-1919297C, ESD-1919418C, ESD-1919559C, ESD-1919739C, ESD-1919803C, ESD-1919804C, ESD-1919996C, ESD-1920171C, ESD-1920172C, ESD-1920173C, ESD-1920174C, ESD-1920175C, ESD-1920724C, ESD-1920725C, ESD-1919739C, ESD-1920803C, ESD-2021903C, ESD-2021997C, ESD-2021998C

ESD-CPE-1817719C, ESD-CPE-1920803, ESD-CPE-2003542, ESD-CPE-2003561, ESD-CPE-2103674, ESD-GEC-1402882, ESD-RCE-2022725, ESD-RCE-2023283, ESD-RCE-2024041, ESD-RCE-2024379, ESD-RCE-2125478,ESD-CPE-2103674,ESD-RCE-21257185,ESD-RCE-2127184,ESD-RCE-2127226,ESD-RCE-2128032,ESD-RCE-2228946, ESD-RCE-2024041, ESD-RCE-2229380, ESD-RCE-2230291, ESD-RCE-2332287, ESD-RCE-2333421, ESD-RCE-

CarManuals2.com

2334226, ESD-RCE-2334225, ESD-RCE-2231728, ESD-RCE-2231727

Qatar

ICT/QATAR/RT/2010/R-1978, ICT/QATAR/RT/2012/R-1878, ICT/QATAR/RT/2013/R-3240, ICT/QATAR/RT/2014/R-3818, ICT/QATAR/RT/2014/R-3856, ICT/QATAR/RT/2014/R-3957

CRA/SA/2014/R-4097, CRA/SA/2014/R-4122, CRA/SA/2014/R-4315, CRA/SA/2014/R-4361, CRA/SA/2014/R-4412, CRA/SA/2015/R-4596, CRA/SA/2015/R-4714, CRA/SA/2015/R-5136, CRA/SA/2015/R-5137, CRA/SA/2015/R-5151, CAR/SA/2016/R-5255, CRA/SA/2016/R-5455, CRA/SA/2016/R-5667, CRA/SA/2016/R-5808, CRA/SA/2017/R-5980, CRA/SA/2017/R-6015, CRA/SA/2017/R-6245, CRA/SA/2017/R-6311, CRA/SA/2018/R-6820, CRA/SA/2018/R-6910, CRA/SA/2018/R-7044, CRA/SA/2018/R-7073, CRA/SA/2018/R-7074, CRA/SA/2018/R-7091, CRA/SA/2018/R-7153, CRA/SA/2018/R-7207, CRA/SA/2018/R-7208, CRA/SA/2018/R-7210, CRA/SA/2018/R-7211, CRA/SA/2018/R-7212, CRA/SA/2018/R-7213, CRA/SA/2018/R-7214, CRA/SA/2018/R-7262, CRA/SA/2018/R-7263, CRA/SA/2019/R-7728

CRA/SM/2018/R-7418, CRA/SM/2018/R-7422, CRA/SM/2018/R-7417, CRA/SM/2018/R-7447, CRA/SM/2018/R-7460, CRA/SM/2018/R-7447, CRA/SM/2018/R-7551, CRA/SM/2018/R-7553, CRA/SM/2018/R-7554, CRA/SM/2018/R-7562, CRA/SM/2019/R-7682, CRA/SM/2019/R-7689, CRA/SM/2019/R-7761, CRA/SM/2019/R-7763, CRA/SM/2019/R-7812, CRA/SM/2019/R-7827, CRA/SM/2019/R-7874, CRA/SM/2019/R-7983, CRA/SM/2019/R-8053, CRA/SM/2019/R-8054, CRA/SM/2019/R-8113, CRA/SM/2019/R-8147, CRA/SM/2019/R-8148, CRA/SM/2019/R-8187, CRA/SM/2019/R-8205, CRA/SM/2019/R-8206, CRA/SM/2019/R-8300, CRA/SM/2020/R-8451, CRA/SM/2020/R-8465, CRA/SM/2020/S-0004065, CRA/SM/2020/S-0004790, CRA/SM/2020/S-0005129, CRA/SM/2020/S-0005140, CRA/SM/2020/S-0005156, CRA/SM/2020/S-0005157, CRA/SM/2020/S-0005255, CRA/SM/2020/S-0005662, CRA/SM/2020/S-0005786, CRA/SM/2021/S-0006561, CRA/SM/2021/S-0006995,CRA/SM/2020/S-0006251,CRA/SM/2021/S-0008089,CRA/SM/2021/S-0008566,CRA/SM/2021/S-0008868,CRA/SM/2021/S-0008893,CRA/SM/2022/S-0009072,CRA/SM/2022/S-0009977, CRA/SM/2023/S-0012794, CRA/SM/2020/S-0005662, CRA/SM/2022/S-009342, CRA/SM/2022/S-010181, CRA/SM/2022/S-0012517, CRA/SM/2023/S-0013173, CRA/SM/2023/S-0013119, CRA/SM/2023/S-0013179, CRA/SM/2022/S-0011867

Rwanda

RURA/1010402/2019/L123_23.10.2019, RURA/1010402/2019/L128_21.10.2019, RURA/1010402/2020/L1069, RURA/1010402/2020/L1705_20.05.2020, RURA/101042/2020/L6997_24.09.2020,

RURA/ICT/AUT/200140090_17.11.2020, RURA/ICT/AUT/200140122_17.11.2020, RURA/ICT/AUT/210165696_10.06.2021, RURA/ICT/AUT/210172215_21.07.2021, RURA/ICT/AUT/210172964_30.07.2021, RURA/ICT/AUT/210178685_30.08.2021, RURA/ICT/AUT/210190642_22.10.2021,RURA/ICT/AUT/210148185_31.01.2021,RURA/ICT/AUT/210149593_18.02.202 RURA/ICT/AUT/220264765_05.10.2022, RURA/ICT/AUT/220270155_28.10.2022, RURA/ICT/AUT/220272401_14.11.2022, RURA/ICT/AUT/220273457_15.11.2022, RURA/ICT/AUT/220275518_22.11.2022, RURA/ICT/AUT/220280879_19.12.2022, RURA/ICT/AUT/230211868_10.05.2023, RURA/ICT/AUT/220271948_09.11.2022, RURA/ICT/AUT/220271951_09.11.2022.

026HD/ICT/RURA/018_11.01.2018, 093HD/ICT/RURA/018_19.02.2018, 181HD/ICT/RURA/019_07.03.2019, 192HD/ICT/RURA/018_13.04.2018, 265HD/ICT/RURA/018_22.05.2018, 266HD/ICT/RURA/018_22.05.2018, 277HD/ICT/RURA/019_11.04.2019, 278HD/ICT/RURA017_25.07.2017, 279HD/ICT/RURA/019_11.04.2019, 313HD/ICT/RURA/018_08.06.2018, 334HD/ICT/RURA/018_13.06.2018, 335HD/ICT/RURA/018_14.06.2018, 343HD/ICT/RURA/017_22.08.2017, 348HD/ICT/RURA/019_10.05.2019, 349HD/ICT/RURA/018_22.06.2018, 355HD/ICT/RURA/018_22.06.2018, 356HD/ICT/RURA/018_22.06.2018, 357HD/ICT/RURA/018_22.06.2018, 368HD/ICT/RURA/018_29.06.2018, 399HD/ICT/RURA/019_03.06.2019, 401HD/ICT/RURA/018_09.07.2018, 433HD/ICT/RURA/019_19.06.2019, 444HD/ICT/RURA/019_19.06.2019, 448HD/ICT/RURA/018_27.07.2018, 449HD/ICT/RURA/018_27.07.2018, 537HD/ICT/RURA/018_14.09.2018, 607HD/ICT/RURA/018_11.10.2018, 645GM/ICT/RURA/019_11.09.2019, 646GM/ICT/RURA/019_11.09.2019, 712HD/ICT/RURA/018_04.12.2018, 742HD/ICT/RURA/018_14.12.2018, 1350HD/CMR/RURA/015_08.12.2015 .

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Zambia

Type Approval Ref:

ZMB/ZICTA/TA/2015/3/20, ZMB/ZICTA/TA/2015/3/21, ZMB/ZICTA/TA/2015/10/19, ZMB/ZICTA/TA/2015/12/3, ZMB/ZICTA/TA/2015/12/4, ZMB/ZICTA/TA/2016/1/2, ZMB/ZICTA/TA/2016/11/1, ZMB/ZICTA/TA/2016/9/21, ZMB/ZICTA/TA/2017/6/7, ZMB/ZICTA/TA/2017/6/17, ZMB/ZICTA/TA/2017/9/27, ZMB/ZICTA/TA/2018/5/23, ZMB/ZICTA/TA/2018/6/20, ZMB/ZICTA/TA/2018/8/38, ZMB/ZICTA/TA/2018/8/39, ZMB/ZICTA/TA/2018/8/40, ZMB/ZICTA/TA/2018/8/41, ZMB/ZICTA/TA/2018/9/10, ZMB/ZICTA/TA/2018/10/10, ZMB/ZICTA/TA/2018/10/15, ZMB/ZICTA/TA/2018/10/16, ZMB/ZICTA/TA/2018/10/17, ZMB/ZICTA/TA/2018/10/18, ZMB/ZICTA/TA/2018/10/19, ZMB/ZICTA/TA/2018/10/20, ZMB/ZICTA/TA/2018/10/21, ZMB/ZICTA/TA/2018/10/24, ZMB/ZICTA/TA/2018/10/25, ZMB/ZICTA/TA/2018/10/26, ZMB/ZICTA/TA/2018/10/27, ZMB/ZICTA/TA/2018/12/16, ZMB/ZICTA/TA/2019/2/44, ZMB/ZICTA/TA/2019/2/45, ZMB/ZICTA/TA/2019/3/23, ZMB/ZICTA/TA/2019/3/37, ZMB/ZICTA/TA/2019/4/8, ZMB/ZICTA/TA/2019/5/13, ZMB/ZICTA/TA/2019/6/13, ZMB/ZICTA/TA/2019/7/7, ZMB/ZICTA/TA/2019/11/47, ZMB/ZICTA/TA/2019/11/48, ZMB/ZICTA/TA/2020/2/35, ZMB/ZICTA/TA/2020/7/121, ZMB/ZICTA/TA/2020/10/51, ZMB/ZICTA/TA/2020/10/57, ZMB/ZICTA/TA/2020/11/18, ZMB/ZICTA/TA/2021/3/95, ZMB/ZICTA/TA/2021/7/63, ZMB/ZICTA/TA/2021/8/104, ZMB/ZICTA/TA/2021/9/17,
ZMB/ZICTA/TA/2021/11/9,ZMB/ZICTA/TA/2021/9/40,ZMB/ZICTA/TA/2021/11/10,ZMB/ZICTA/TA/2020/07/121, ZMB/ZICTA/TA/2023/2/30, ZMB/ZICTA/TA/2023/4/88, ZMB/ZICTA/TA/2023/5/53.

Senegal

AGREE PAR ARPT SENEGAL

Numéro d'agrément : XXXXXX/AG/ER

071845/AG/ER,071821/AG/ER,071755/AG/ER,071710/AG/ER,071617/AG/ER,071414/AG/ER,071395/AG/ER,071394/A 072100/AG/ER, 072164/AG/ER, 072164/AG/ER, 072183/AG/ER, 072231/AG/ER, 072453/AG/ER, 072469/AG/ER, 072536/AG/ER, 072588/AG/ER, 072485/AG/ER, 072474/AG/ER

Serbia

И005 17, И005 18, И005 19, ИН005 19, И005 20, И005 21, И005 22, И005 23

И011 17, И011 18, И011 19, И011 20, И011 21 , И011 22, И011 23

И038 19, И038 20, И038 21, И038 22, И038 23

И038 21/00583 01025,И038 21/00719 01145,И038 21/00738 01159,И038 21/00790 01208,И038 22/00861 01272, И038 22/01072 01264, И038 22/01219 01264, И038 22/00319 00774i, И038 22/01301 01264,
И038 22/01403 01356, И038 22/01475 01356, И038 22/01524 01363, И038 23/01623 01363

P1615004100, P1617143100, P1617143200, P1617197200, P1618131400, P1619000500, P1619047400, P1619048600, P1619053300, P1619073700, P1619073800, P1619083400, P1619095800, P1619127100, P1619130700, P1619134100, P1619135700, P1619153400, P1619154200, P1619193000, P1620011000, P1620037400, P1620052200, P1620093500, P1620106000, P1620166400, P1620167300, P1621036300, P1620069300, P1620151500, P1620169600, P1621036300, P1621077600,
P1621134700,P1621089400,P1621105500,P1621134400,P1621134600,P1621134500,P1621136600,P1621147800,P P1622022300, P1622046900, P1622047300, P1622056200, P1622022100, P1620166400, P1620167500, P1620167600.

И1622110000, И1622123100, И1622122900, И1622131100, И1622131700, И1622135700, И1622135600, И1622139200, И1622141800, И1622147900, И1622178100, И1622178000, И1623010900, И1623016700, И16221888000, И1623039900, И1623028600, И1623041300, И1623097100, И1623097000, И1623096900, И1623096700, И1623103700, И162310500, И1623126400, И1623126300, И1622160000, И1622160100, И1623030500

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34540-23/19-11, 34540-24/19-9, 34540-49/21-6, 34540-194/21-3, 34540-200/17-5, 34540-242/18-4, 34540-242/21-334540-307/19-3, 34540-263/19-4, 34540-436/19-3, 34540-768/18-5, 34540-871/18-4, 34540-1313/16-3,34540-194/21-3,34540-198/21-13,34540-228/21-5,34540-242/21-3,34540-25/22-5,34540-40/22-13,34540-77/22-10, 34540-146/22-5, 34540-144/22-3, 34540-148/22-6, 34540-147/22-8, 34540-165/22-5, 34540-306/20-7.

Singapore



Fig. 91 Kennzeichnung gemäß Funkkommunikationsgesetz.

Complies with IMDA Standards: DA103238, DA103787, DA103858, DA104328, DA104682, DA104812, DA105282, DA107248, DA107974, DB03227, DB101762, DB103858, DB106879, DB107220, DB106879.

Registration Number: G1594-19, G1858-19, G5521-19, N0039-21, N0147-19, N0254-17, N0254-17, N0356-20, N0688-15, N0690-18, N0708-17, N0715-15, N0721-15, N0871-19, N0982-20, N1085-21, N1159-18, N1453-20, N1599-19, N1629-17, N1630-17, N1699-17, N2052-18, N2053-18, N2069-19, N2152-20, N2285-19, N2404-19, N2405-19, N2415-18, N2416-18, N2417-18, N2418-20, N2420-18, N2565-18, N2673-18, N2700-18, N2706-19, N2853-18, N2860-16, N2991-18, N2992-18, N3005-18, N3083-18, N3277-20, N3278-20, N3333-13, N3548-18, N3555-18, N3577-18, N3688-18, N3888-16, N3970-18, N3971-18, N4123-19, N4334-20, N4347-21, N4839-18, N4848-18, N4877-19, N4878-19, N4887-19, N4975-17, N5068-19, N5069-19, N5081-20, N5358-20, N5835-20, N5856-20, S2946-20, S3583-19, S5104-21,N5264-21,N5963-21,N0708-17,N1019-22,N1568-22,N1851-22,N1898-22,N3020-22,N3453-22,N3456-22,N3450-22,,N3835-22, G0443-21, N3888-16, N0254-17, N0708-17, N5372-22, N5373-22, N6052-22, N0374-23, N0415-23, N0414-23, N1159-23, N5856-20, N1233-23, N1291-23, N1631-23, N2673-23, N3098-23, N3096-23, N3688-18, N3555-18, G1231-23, N0452-23.

South Africa

ICASA APPROVED:

TA-2005/614, TA-2009/464, TA-2010/218, TA-2010/1235, TA-2011/615, TA-2012/321, TA-2012/1747, TA-2012/1821, TA-2013/1679, TA-2013/1681, TA-2013/1682, TA-2013/1680, TA-2013/1683, TA-2013/2085, TA-2013/2465, TA-2013/2503, TA-2014/176, TA-2014/212, TA/2014/792, TA/2014/982, TA-2014/1719, TA-2014/1783, TA-2014/1784, TA-2014/1887, TA-2014/2108, TA-2014/2597, TA-2015/517, TA-2015/2011, TA-2015/2084, TA-2016/169, TA-2016/501, TA-2016/820, TA-2016/863, TA-2016/1449, TA-2016/2568, TA-2016/2601, TA-2016/2759, TA-2016/3407, TA-2016/3539, TA-2016/3541, TA-2017/052, TA-2017/127, TA-2017/209, TA-2017/2013, TA-2017/2824, TA-2017/3480, TA-2017/2824, TA-2018/175, TA-2018/280, TA-2018/732, TA-2018/842, TA-2018/843, TA-2018/844, TA-2018/845, TA-2018/996, TA-2018/997, TA-2018/998, TA-2018/999, TA-2018/1091, TA-2018/1095, TA-2018/1205, TA-2018/1408, TA-2018/1649, TA-2018/1650, TA-2018/1806, TA-2018/1814, TA-2018/1815, TA-2019/1853, TA-2018/2177, TA-2018/2251, TA-2018/2776, TA-2018/2777, TA-2018/2868, TA-2018/3141, TA-2018/3466, TA-2018/3561, TA-2018/3974, TA-2018/5159, TA-2019/115, TA-2019/348, TA/2019/550, TA-2019/582, TA-2019/583, TA-2019/1110, TA-2019/1111, TA-2019/1410, TA-2019/1853, TA-2019/2347, TA-2019/2348, TA-2019/5101, TA-2019/5116, TA-2019/5167, TA-2020/4885, TA-2020/5217, TA-2020/5480, TA-2020/6261, TA-2020/6392, TA-2020/6394, TA-2020/7066, TA-2020/7103, TA-2020/7390, TA-2021/0295, TA-2021/0637,TA-2021/7762,TA-2021/0949,TA-2021/1613,TA-2021/1608,TA-2021/2146,TA-2021/2307,TA-2021/2501,TA-

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2021/3273, TA-2021/0637, TA-2022/0625, TA-2022/0298, TA-2022/0298, TA-2020/7103, TA-2022/0124, TA-2020/5443, TA-2022/1222, TA-2022/3229, TA-2023/3353, TA-2023/0199, TA-2023/0338, TA-2023/0349, TA-2022/3381, RSS/NCA/TA/3/166.

Thailand



Fig. 92 Identification according to radio communication act.

1) เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามมาตรฐานหรือข้อกำหนดของ กสทช.
2) เครื่องวิทยุคมนาคมนี้มีระดับการแผ่คลื่นแม่เหล็กไฟฟ้าสอดคล้องตามมาตรฐานความปลอดภัยต่อสุขภาพของมนุษย์จากใช้เครื่องวิทยุคมนาคมที่คณะกรรมการกิจการโทรคมนาคมแห่งชาติประกาศกำหนด

NBTC ID: A57003-17, A57004-14, A57004-17, A57005-14, A57006-15, A57006-19, A57006-18, A57008-14, A57009-14, A57012-16, B38083-20,B57008-21,B57007-21,A57014-21,B57003-22,S01561-22,S01559-22, S00224-23, S4117-22, A57014-21, SD01415-23, A75007-22, S03477-22

Turkey

Declaration of Conformity see www.volkswagen.com/generalinfo.

Additional information about radio systems

Countries outside of the USA that authorize and allow radio systems according to United States FCC guidelines:

FCC ID: 2AAJCBR20, FCC ID: 2AAJCBR21,
FCC ID: 2AAJCBR22, FCC ID: 2AA98, FCC ID: 2AA98-COLOUR5C, FCC ID: 2AA98-MEDIUM5C, FCC ID: 2AA98-MEDIUM5C21, FCC ID: 2AA98A, FCC ID: 2AHPN-WLC,
FCC ID: 2AOUZ17101001, FCC ID: 2AOUZ17101002,
FCC ID: 2AOUZ17101010, FCC ID: 2AOUZ17101022,
FCC ID: 2AOUZ17101023, FCC ID: 2AOUZ17101031,
FCC ID: 2AOUZ17101032, FCC ID: 2AOUZ17101033,
FCC ID: 2AOUZ17101034, FCC ID: 2AOUZ17101041,
FCC ID: 2AOUZ17101042, FCC ID: 2AOUZ17101043,

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FCC ID: 2AOUZ17101051, FCC ID: 2AOUZ17101052,
FCC ID: 2AOUZ17101053, FCC ID: 2AOUZ17101054,
FCC ID: 2AOUZ17101055, FCC ID: 2AOUZ17101056,
FCC ID: 2AOUZ17101057, FCC ID: 2AOUZ17101071,
FCC ID: 2AOUZ17101072, FCC ID: 2AOUZ18020531,
FCC ID: 2AOUZ18020532, FCC ID: 2AOUZ18020533,
FCC ID: 2AOUZ18020534, FCC ID: 2AOUZ18100931,
FCC ID: 2APOM-MQBA0, FCC ID: 2AVXWWSBRC001,
FCC ID: 2AXPS-WPC003-1, FCC ID: 772C-LB1FD,
FCC ID: BEJLCW05-VWE5, FCC ID: BEJMIB2,
FCC ID: BEJMIB2PQ, FCC ID: BEJ-MEBICAS3, FCC ID: BEJ-
MIBPQMIN, FCC ID: BEJ-MIB3O1, FCC ID: BEJTLAHW3IU-E,
FCC ID: BEJTLAHW3IU-N, FCC ID: BEJTLVHE4IU-E,
FCC ID: BEJTLVHE4IU-N, FCC ID: BEJTLVHM3IU-E,
FCC ID: BEJTLVHW3IU-E, FCC ID: BEJTLVHM3IU-N,
FCC ID: BEJTLVM3IU-N, FCC ID: BEJTUVM01IU,
FCC ID: CWTUGZZF1, FCC ID: CWTUGZZF2, FCC ID: IYZVK2,
FCC ID: KR5-BCMEVOC, FCC ID: KR5FS14T,
FCC ID: KR5FS14TK, FCC ID: KR55NA920791A,
FCC ID: LTQR3TR, FCC ID: NBG010180T,
FCC ID: NBG010905A, FCC ID: NBG011719A,
FCC ID: NBG013854, FCC ID: NBG01RS4,
FCC ID: NBG011719A, FCC ID: NBG10176,
FCC ID: NBG9068, FCC ID: NBG92596263,
FCC ID: NBGBCMEVO, FCC ID: NBGBCMEVO5,
FCC ID: NBGBCM2R, FCC ID: NBGFS09P03,
FCC ID: NBGFS12A, FCC ID: NBGFS12A01,
FCC ID: NBGFS12P, FCC ID: NBGFS12P01,
FCC ID: NBGFS12PM, FCC ID: NBGFS12P01M,
FCC ID: NBGFS125C, FCC ID: NBGFS125C1,
FCC ID: NBGFS125C5, FCC ID: NBGFS173NP,
FCC ID: NBGFS173NPM, FCC ID: NBGFS173NR,
FCC ID: NBGFS1744M, FCC ID: NBGFS19,
FCC ID: NBGFS191, FCC ID: NBGFS93N,
FCC ID: NBGMQBBB, FCC ID: NBGMQBBH,
FCC ID: NBGPQ12P01, FCC ID: NBGRSB19, FCC ID: NF3-
FR5CPEC, FCC ID: NF3-LRR3SCU, FCC ID: NF3-LRR4,
FCC ID: NF3-MRR1PLUS, FCC ID: NF3-MRR1REAR,
FCC ID: NF3-MRREVO14F, FCC ID: NF3-LRR3SCU,
FCC ID: NT8-FPK8IMMO5D, FCC ID: NT8-VWMIBREGIO,
FCC ID: NZLADHL5D, FCC ID: NZLJCIBUSHL4,
FCC ID: OAYARS4B, FCC ID: OAYARS5B,
FCC ID: OYGTSSRE4UD, FCC ID: OYGTSSRE4UF,
FCC ID: OYGTSSSG4G5, FCC ID: QIPALAS6A-US,
FCC ID: QISME919BS-567BN, FCC ID: QISME919BS-
567BNB, FCC ID: QZ9-KA3, FCC ID: RK7MBC-NAR,
FCC ID: RK7MBC-NAR2, FCC ID: RK7185-00,
FCC ID: RK7186-00, FCC ID: RX2BNFHL,
FCC ID: RX2BNFLL, FCC ID: T8GA270, FCC ID: T8GA475,
FCC ID: T8GA476, FCC ID: T8GP114, FCC ID: VPYLB1KD,
FCC ID: WJLHT-5, FCC ID: NF3-FR5CUEC,
FCC ID: NBG01RS55, FCC ID: NF3-F5CP42,

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FCC ID: NBG01RS53,FCC ID: NBGFS125C1, FCC ID: BEJ-MIB3OIVR-E, FCC ID: BEJTLVHM3IU-N, FCC ID: 2AXPS-WPC003-1, FCC ID: 2AXPS-WPC003-5,
FCC ID: 2ACC7DDAECE02, FCC ID: BEJTLVUM3IU-W,
FCC ID: BEJTLVUW3IU-W, FCC ID: BEJTLVUM3IU-E,
FCC ID: BEJTLVUW3IU-N, FCC ID: BEJTLVUM3IU-N,
FCC ID: NT8-FPK815DTR2, FCC ID: NBGFS1901S,
FCC ID: NBGFS19S, FCC ID: NBGFS191S, FCC ID: BEJ-ICAS3GP.

Interference statement

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.

CAUTION TO USERS: Changes or modifications not expressly approved by the party responsible for compliance could void the user`s authority to operate the equipment.

FCC RF Exposure Statement

FCC ID: RK7MBC-NAR

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instruction for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This is a CONSUMER device.

BEFORE USE, you MUST REGISTER THIS DEVICE with your wireless provider and have 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 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 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.

Wireless notice

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.

FCC Class A digital device notice

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Class B digital device notice

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NOTE: 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.

Ukraine

Declaration of Conformity see www.volkswagen.com/generalinfo.

Additional information about radio systems

United Arab Emirates

TRA, REGISTERED No_DEALER No

ER01458/21, ER0029197/10_DA0014517/08, ER0109760/13_DA0043253/10, ER0126849/14_DA0127935/14, ER0130894/14_DA44932/15, ER0130898/14_DA44932/15, ER0130932/14_DA44932/15, ER01458/21_DA0018994/09, ER34947/14_DA0043252/10, ER35080/14_DA0028019/10, ER35423/14_DA35176/14, ER36213/14_DA36758/14, ER37557/15_DA0028019/10, ER37571/15_DA0028019/10, ER37807/15_DA38660/15, ER39135/15_DA36758/14, ER39136/15_DA36758/14, ER39739/15_DA36758/14, ER40309/15_DA44932/15, ER40510/15_DA44932/15, ER40885/15_DA44877/15, ER42982/15_DA36758/14, ER43831/16_DA36758/14, ER45185/16_DA36758/14, ER45520/16_DA44932/15, ER46672/16_DA38660/15, ER46796/16, ER47876/16_DA44932/15, ER47877/16_DA44932/15, ER47887/16_DA28019/10, ER48223/16_DA44932/15, ER49378/16_DA38660/15, ER49719/16_DA0062437/11, ER49796/16_DA35176/14, ER50430/16, ER51643/17_DA44932/15, ER53878/17_DA44932/15, ER53915/17_DA44932/15, ER53925/17_DA44932/15, ER54754/17_DA0043253/10, ER54922/17, ER55421/17_DA36758/14, ER61136/18_DA40068, ER61137/18_DA0089862/12, ER62566/18_DA44932/15, ER62570/18_DA44932/15, ER63911/18_DA44932/15, ER64149/18, ER64150/18, ER65216/18, ER65415/18, ER65217/18, ER65416/18, ER66801/18_DA77281/18, ER66978/18_DA36758/14, ER66969/18, ER67571/18, ER67572/18, ER67685/18, ER68006/18_DA40068/15, ER68096/18_DA36975/14, ER68097/18_DA36975/14, ER68568/19_DA76163/18, ER68570/19, ER68572/19, ER69987/19_DA44932/15, ER70009/19_DA44932, ER70046/19_DA44932, ER70534/19, ER70554/19_DA0043253/10, ER70659/19_DA44932/15, ER71148/19_DA0043253/10, ER71355/19_DA38660/15, ER71413/19_DA0089862/12, ER71414/19_DA0089862/12, ER72288/19, ER72723/19, ER72725/19, ER73393/19_DA0086237/12, ER74095/19, ER75266/19_DA0086237/12, ER76113/19, ER76114/19, ER76324/19_DA56674/16, ER76515/19, ER76869/19, ER77956/20_DA76153/18, ER78093/20_DA36975/14, ER78187/20_DA36975/14, ER79367/20, ER80171/20, ER81399/20_DA0089862/12, ER88450/20_DA0086237/12, ER88708/20, ER89638/20_DA36975/14, ER90272/20_DA0028019/10, ER90294/20_DA0043253/10, ER90295/20_DA0043253/10, ER91750/20, ER95816/21_DA36758/14, ER97243/21, ER64150/18, ER64149/18_DA36975/14, ER98887/21_DA77281/18, ER65217/18_DA36975/14, ER65216/18_DA36975/14, ER00657/21_DA44932/15, ER00660/21_DA44932/15, ER65416/18_DA36975/14, ER65415/18_DA36975/14, ER01458/21, ER66978/18_DA36758/14, ER42982/15_DA36758/14, ER42982/15, ER43831/16__DA36758/14, ER67685/18_DA36975/14, ER66801/18_DA77281/18, ER68006/18_DA40068, ER68568/19_DA36975/14, ER68571/19_DA36975/14, ER68572/19_DA36975/14, ER68570/19_DA36975/14, ER68096/18_DA36975/14, ER68097/18_DA36975/14, ER45185/16_DA36758/14, ER05443/22_DA36758/14, ER68239/18, ER67572/18_DA77281/18, ER67571/18_DA77281/18, ER67572/18_DA77281/18, ER70532/19_DA36975/14,

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ER70534/19_DA36975/14, ER07751/22_DA77281/18, ER70554/19_DA0043252/10, ER71148/19_DA0043252/10, ER10098/22_DA0110016/13, ER72724/19_DA36975/14, ER72725/19_DA36975/14, ER72723/19_DA36975/14, ER72288/19, ER69987/19_DA44932/15, ER45520/19_DA44932/15, ER70046/19_DA44932/15,ER47877/16_DA44932/15, ER47876/16_DA44932/15, ER48223/16_DA44932/15, ER71414/19_DA36975/14, ER71413/19_DA36975/14, ER75266/19_DA0086237/12, ER76115/19_DA77281/18, ER76113/19_DA77281/18, ER766869/19_DA36975/14, ER50430/16_, ER78187/19_DA36975/14, ER51643/17_DA44932/15, ER78942/20_DA0086237/12, ER78955/20_DA0086237/12, ER17500/23_DA0086237/12, ER97243/21_DA0043253/10, ER06372/22_DA0043253/10, ER80134/20_DA0086237/12, ER53878/17_DA44932/15, ER36758/14_DA36758/14, ER80134/20_DA0086237/12, ER15319/22_DA44932/15, ER15318/22_DA44932/15, ER88748/20_DA77281/18, ER88708/20/22_DA0110016/13, ER22482/23_DA0086237/12, ER88450/20_DA0086237/12, ER53912/17_DA44932/15, ER81399/20_DA36975/14, ER79367/20_DA44932/15, ER53925/17_DA44932/15, ER55421/17_DA36758/14, ER53878/17_DA44932/15.

Vietnam

ICT

SunTech VietNam Technology Company Limited, C00082015; SUNTECH VietNam, SUNTECH VN:

71/CVT-TT3, 220/CVT-TT3

220221.01-TN, 220208.14-TN, 773/TTDLCL-CN, 210816.05-TN, 210526.20-TN, 2108106.04-TN, 3568/CVT-CNDV, 210526.21-TN, 2357/CVT-CL,220310.03-TN,220321.12-TN, 220607.09-TN

A0292190321AF04A3, A0406070421AF04A3, A0407070421AF04A3, A0858170820AF04A3,A2029161221AA04A3, B0401220321AE01A3, B0411230321AF04A3, B1189140520AF04A2, B2110171214BE11A2,B0423060422AF04A3,B0609240522AF04A3,B0620300522AE01A3,0735240622AF04A3,B0734
B1093160822AE01A3, B1092160822AE01A3, B1089160822AE01A3, B1437261022AF04A3, B1647291122AF04A3, B1646291122AF04A3.

C0032060315BE01A2, C0032210220AF04A2, C0033060315BE01A2, C0055100417AF04A2, C0101230419AF04A2, C0118220519AF04A2, C0119220519AF04A2, C0124040520AF04A2, C0135110520AF04A2, C0141020718AF04A2, C0150270520AF04A2, C0158100620AF04A2, C0159100620AF04A2, C0161110620AF04A2, C0162110620AF04A2, C0163110620AF04A2, C0174020818AF04A2, C0175020818AF04A2, C0181260620AF04A2, C0182260620AF04A2, C0183260620AF04A2, C0184260620AF04A2, C0197111217AF04A2, C0229240919AF04A2, C0238150321AF04A3, C0239150321AF04A3, C0289310321AF04A3, C0307010920AF04A3, C0308010920AF04A3, C0309010920AF04A2, C0319091219AF04A2, C0470201120AF04A3, C0438061120AF04A3,C01360900222AF04A3,C0197280222AF04A3,C0237070322AF04A3,C0577170522AF04A3, C1064310822AF04A3

Hella KGaA Hueck Co.: A0858170820AF04A3, B134510122AF04A3, B1346101022AF04A3, B1347101022AF04A3, B1344101022AF04A3, B1346101022AF04A3, C0013190118AF04A2, C0036120121AF04A3, C0065120418AF04A2, C0068190418AF04A2, C0080180319AF04A2, C0092300320AF04A2, C0100100420AF04A2, C0163150719AF04A2, C0177011117AF04A2, C0178011117AF04A2, C0181230221AF04A3, C0205060916AF04A2, C0226170918AF04A2, C0314061219AF04A2, C0952190821AF04A3, C0953190821AF04A3, C1071270921AF04A3, C1099011021AF04A3, C1100011021AF04A3, C0136090222AF04A3, C0197280222AF04A3, C1239021122AF04A3, C124002122AF04A3, C1798281222AF04A2, B0643170523AF04A3, B0458140423AF04A3.

As long as nothing else is specified or listed, the technical data applies to the base model. Different values may result due to optional equipment, different model versions, special equipment, and country-specific equipment. The specifications in the legal vehicle documents always take precedence.

The drive and power of the vehicle are listed in the official vehicle registration.

Weight

The values for the curb weight in the following tables apply to the drive-ready vehicle with a driver weight of 75 kg

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(around 165 lbs), fluids including a 90% full fuel tank and, if applicable, with tools and spare tires. Optional equipment and retrofitted equipment will increase the specified curb weight and reduce the possible load.

The load consists of the following weight:

— Passengers.

— All luggage inside and outside the vehicle.

— Attachments.

— Trailer tongue weight if in trailer mode.

The permitted total vehicle weight and the gross axle weight rating must never be exceeded. The permissible values are on the safety certificate or on the nameplate on the B-pillar on the driver's side *(→ Safety certificate)* *(→ Identification label)*.

Performance

The performance was determined without equipment that limits performance, such as attachments.

Due to technical or legal reasons, the performance specifications and mileage may vary.

On some engines with heavy duty suspension, the speed maximum speed may be limited and lower.

Towing weight and trailer tongue weight ratings

The towing weight and tailer tongue weight ratings on the trailer hitch identification label are simply the test values for the trailer hitch. The vehicle-based specifications, which are often below these values, can be found in your vehicle documents. The specifications in the official vehicle registration or on the identification label of the vehicle *(→ Identification label)* or safety certificate *(→ Safety certificate)* always take precedence.

Towing weight

The specified combination weights are only valid for heights of up to approximately 1000 m(approx. 3000 ft) above sea level. If this is exceeded, the maximum gross combination weight rating must be reduced by approximately 10%, and thereafter by an additional approx. 10% for each further approx. 1000 m (approx. 3000 ft) increment that is exceeded.

Incline angle

The incline angle is the specification up to which the vehicle is able to drive uphill on an angle with its own power. This can depend on the road conditions, the weather conditions, and the engine power, among other things. The values apply to a vehicle that is in motion and not to a vehicle that starts to drive form a stationary position.

A rising difference in altitude(incline) on a 100 m (approx. 300 ft) stretch is given in percentage or degrees (100% = 45 degrees).

Structure of the vehicle identification number (VIN)

The vehicle identification number (VIN, VIN

) consists of 17 characters. These characters can be sorted into seven groups.

The structure is explained using the following examples of vehicle identification numbers.

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Group	(1)			(2)			(3)		(4)	(5)	(6)	(7)					
Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Example	W	V	W	Z	Z	Z	C	B	Z	M	E	4	0	0	9	5	3
	W	V	W	A	F	2	9	N	4	8	Y	0	0	0	0	0	1

(1) Vehicle manufacturer identification:

WVW

Volkswagen Passenger Vehicles

WVG

Volkswagen Passenger Vehicles

1VW

Volkswagen Group of America Inc., Volkswagen de México, S.A. de C.V

3VW

Volkswagen de México, S.A. de C.V

XW8

LLC Volkswagen Group Rus(Volkswagen/Skoda Kaluga)

MFB

Garuda Matraman Motor(Indonesia)

(2) Filler characters: The filler characters may vary depending on manufacturer, or contain information on the body shape and transmission type.

(3) Vehicle class, depending on model:

14

ID.7

3H

Arteon

5T

Touran

6R

Polo

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AC

T-Roc convertible

BV

Golf

CB

Passat

CA

Atlas

RC

Touareg

Depending on the manufacturer, digits 7 to 9 can also contain information on the fuel type (7) and vehicle class (8 and 9).

(4) Filler characters or check digits: The filler characters or check digits may vary depending on the manufacturer.

(5) VIN index, depending on model year:

P

2023

R

2024

S

2025

T

2026

U

2027

(6) Production location, plant where the vehicle was manufactured:

C

Volkswagen plant in Chattanooga

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D

Volkswagen plant in Bratislava

E

Volkswagen plant in Emden

K

Volkswagen plant in Osnabrück

M

Volkswagen plant in Puebla

P

Volkswagen plant in Zwickau

T

Volkswagen plant in Pune

U

Volkswagen plant in Uitenhage

V

Volkswagen plant in Palmela

W

Volkswagen plant in Wolfsburg

Y

Volkswagen plant in Pamplona

The letter assignment for the production site may vary depending on the vehicle or be assigned twice.

(7) Sequential production number for each model year.

Position of the vehicle identification number

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Fig. 1 In the windshield: vehicle identification number (VIN)

The VIN can be read from the outside through the viewing window in the windshield. The viewing window is at the side of the lower section of the windshield.

In some models, it may be possible to display the vehicle identification number in the Service menu or in the vehicle settings, depending on the Infotainment system. The vehicle identification number may also be located on the identification label.

The VIN may also be stamped in the following locations, depending on the model, country and engine:

— In the right water drain channel in the hood space.

— On the right suspension strut tower in the hood space.

— In the hood space near the hinge for the hood on the right-hand side of the vehicle.

— Under the carpet behind the right front seat

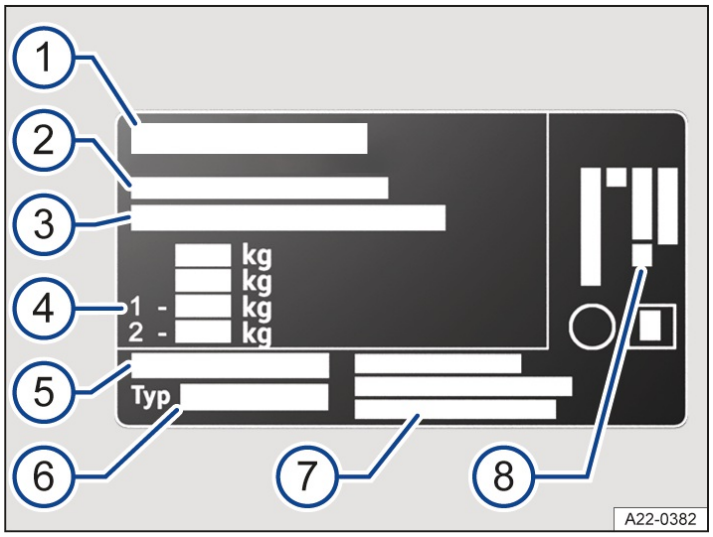


Fig. 1 Identification label (general example): version 1.

Depending on the country, the type approval number, such as the EU operating license, may be specified.

(1) Manufacturer code.

(2) Type approval.

(3) Vehicle Identification number.

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4 Gross Vehicle Weight Rating.

Gross combination weight rating (towing vehicle and trailer).

Front Gross Axle Weight Rating.

Rear Gross Axle Weight Rating.

5 Type approval number, differs according to country.

6 Vehicle model

7 Manufacturer's address.

8 Engine code.

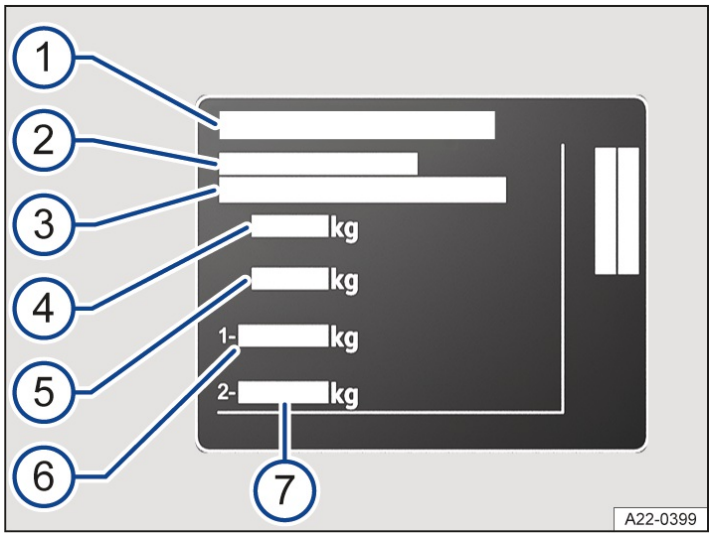


Fig. 2 Identification label (general example): version 2.

Depending on the country, the type approval number, such as the EU operating license, may be specified.

1 Manufacturer code.

2 Type approval.

3 Vehicle Identification number.

4 Gross Vehicle Weight Rating.

5 Gross combination weight rating (towing vehicle and trailer).

6 Front Gross Axle Weight Rating.

7 Rear Gross Axle Weight Rating.

Depending on the country and model, the model plate may be visible in the lower section of the door pillar when the driver's for front passenger door is open. Vehicles for some countries do not have an identification label.

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Safety certificate

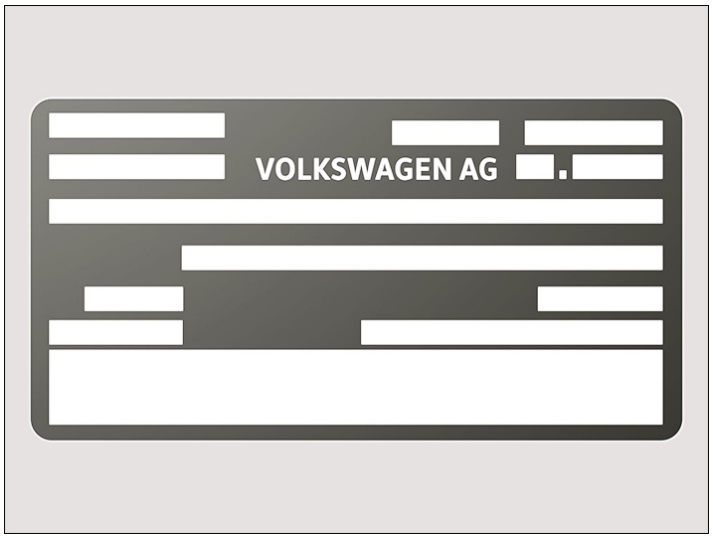


Fig. 1 Safety certificate (general example).

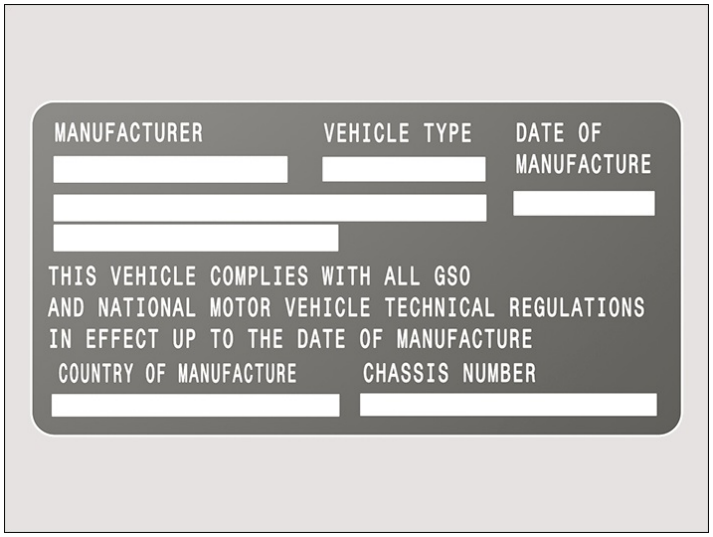


Fig. 2 Safety certificate (general example).

A safety certificate on the driver door pillar displays the following information:

— Vehicle model

— Manufacturer.

— Date of manufacture.

— Country of manufacture.

— Vehicle Identification number.

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Dimensions

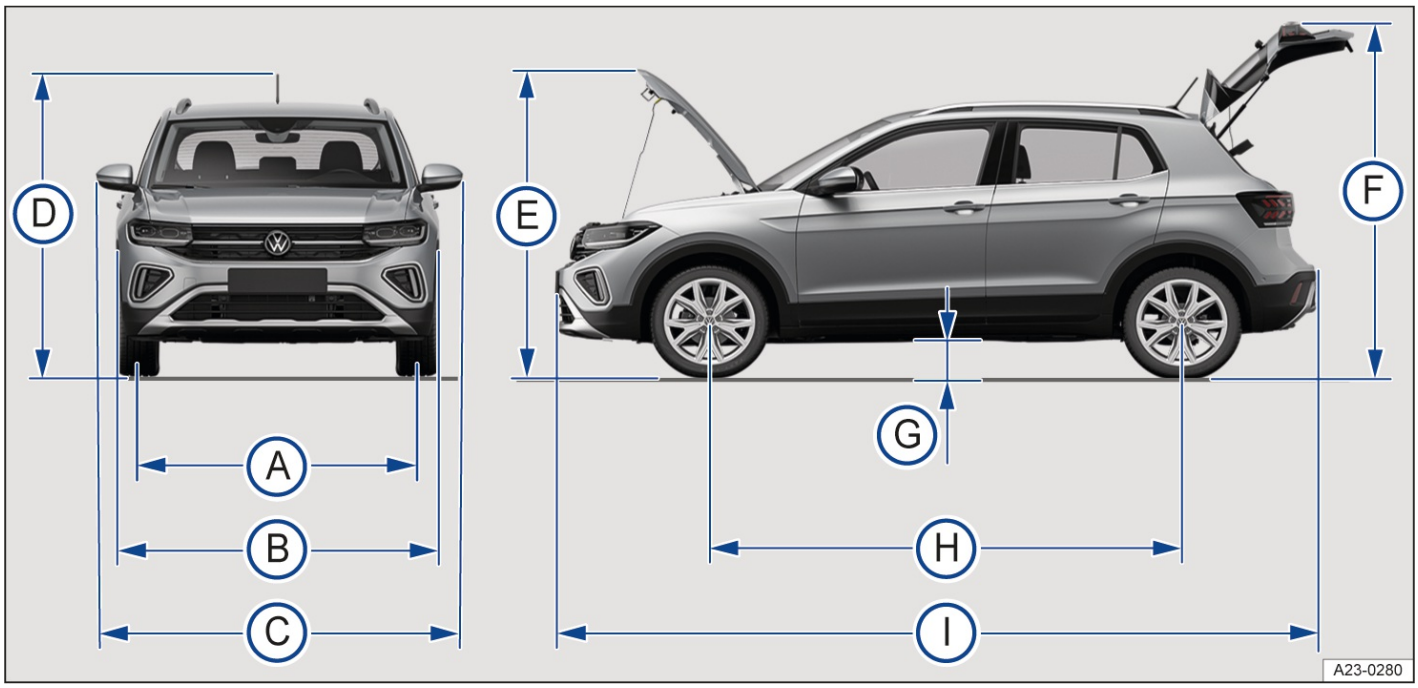


Fig. 1 Vehicle dimensions.

The information in the table applies to the German base model with basic equipment.

For other wheel rims, tire sizes, options, differing model designs and retrofitted accessories, as well as special vehicles and vehicles in other countries, these values can differ.

Information about how the weight specifications are compiled can be found in section *(→ Technical data)*.

Where the vehicle dimensions are not given, the values were not available at the time of printing.

T-Cross

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Key for *fig. 1*:			
A	Front track	mm	1528 – 1536
	Rear track	mm	1509 – 1516
B	Width	mm	1760
C	Width from outside mirror to outside mirror	mm	1993
	Width with outside mirrors folded in	mm	1869
D	Height at curb weight to top of the roof	mm	1551
	Height at curb weight to the roof rail	mm	1573
	Height with curb weight with navigation antenna	mm	–
E	Height with open hood and curb weight	mm	1783
F	Height with open trunk lid and curb weight	mm	2055
G	Ground clearance at curb weight between the axles	mm	188
H	Wheelbase at full load	mm	2552
	Minimum turning circle diameter	m	10.7
I	Length from bumper to bumper	mm	4135

I	Length with factory-installed trailer hitch	mm	4259

T-Cross R-Line

Key for *fig. 1*:			
A	Front track	mm	1528 – 1536
	Rear track	mm	1509 – 1516
B	Width	mm	1784
C	Width from outside mirror to outside mirror	mm	1993
D	Height at curb weight to top of the roof	mm	1551
	Height at curb weight to the roof rail	mm	1573
	Height with curb weight with navigation antenna	mm	–
E	Height with open hood and curb weight	mm	1783
F	Height with open trunk lid and curb weight	mm	2055
G	Ground clearance at curb weight between the axles	mm	188
H	Wheelbase at full load	mm	2552
	Minimum turning circle diameter	m	10.7
I	Length from bumper to bumper	mm	4127

I	Length with factory-installed trailer hitch	mm	4256

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Tank capacities

The fuel tank has the following volume:

— approximately 40 l

The capacity of the fuel tank includes an indeterminate reserve quantity that remains in the fuel tank when the fuel gage shows that the fuel tank is empty. The reserve quantity is variable and cannot reliably serve to increase the remaining range.

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1.0 l, 3 cylinder, TSI®, 70 kW, gasoline engine

Engine overview

Output	kW	70 at 5000 – 5500 rpm
Engine code (EC)		DUSB
Maximum torque	Nm	175 at 1600 – 3500 rpm
Transmission		SG5
Maximum speed	km/h	180

Weight specifications and axle loads

Curb weight with driver *(→ Technical data)*	kg	1254
Gross Vehicle Weight Rating	kg	1730
Front Gross Axle Weight Rating	kg	880
Rear Gross Axle Weight Rating	kg	900

Towing weights

Braked towing weight, grades up to 12%	kg	1000
Braked towing weight, grades up to 8 %	kg	1100
Unbraked towing weight	kg	620
Maximum gross combination weight rating, up to 12% gradient	kg	2730
Maximum gross combination weight rating, up to 8 % gradient	kg	2830
Maximum permissible trailer tongue weight rating	kg	75

Carrying load for rear carrier systems *(→ Bicycle rack)*

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1.0 l, 3 cylinder, TSI®, 85 kW, gasoline engine

Engine overview

Output	kW	85 at 5500 rpm	
Engine code (EC)		DUSA	
Maximum torque	Nm	200 at 2000 – 3500 rpm	
Transmission		SG6	DSG®7
Maximum speed	km/h	193	192

Weight specifications and axle loads

Transmission		SG6	DSG®7
Curb weight with driver *(→ Technical data)*	kg	1270	1296
Gross Vehicle Weight Rating	kg	1750	1770
Front Gross Axle Weight Rating	kg	900	920
Rear Gross Axle Weight Rating	kg	900	900

Towing weights

Transmission		SG6	DSG®7
Braked towing weight, grades up to 12%	kg	1100	1100
Braked towing weight, grades up to 8 %	kg	1200	1200
Unbraked towing weight	kg	630	640
Maximum gross combination weight rating, up to 12% gradient	kg	2850	2870
Maximum gross combination weight rating, up to 8 % gradient	kg	2950	2970
Maximum permissible trailer tongue weight rating	kg	75	75

Carrying load for rear carrier systems *(→ Bicycle rack)*

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1.0 l, 3 cylinder, TSI®, 85 kW, gasoline engine

Engine overview

Output	kW	85 at 5000 – 5500 rpm
Engine code (EC)		DXUA
Maximum torque	Nm	200 at 2000 – 3500 rpm
Transmission		DSG®7
Maximum speed	km/h	–

Weight specifications and axle loads

Curb weight with driver *(→ Technical data)*	kg	1291
Gross Vehicle Weight Rating	kg	1770
Front Gross Axle Weight Rating	kg	920
Rear Gross Axle Weight Rating	kg	900

Towing weights

Braked towing weight, grades up to 12%	kg	1100
Braked towing weight, grades up to 8 %	kg	1200
Unbraked towing weight	kg	640
Maximum gross combination weight rating, up to 12% gradient	kg	2870
Maximum gross combination weight rating, up to 8 % gradient	kg	2970
Maximum permissible trailer tongue weight rating	kg	75

Carrying load for rear carrier systems *(→ Bicycle rack)*

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1.5 l, 4 cylinder, TSI®, 110 kW, gasoline engine

Engine overview

Output	kW	110 at 5000 – 6000 rpm
Engine code (EC)		DXDB
Maximum torque	Nm	250 at 1500 – 3500 rpm
Transmission		DSG®7
Maximum speed	km/h	200

Weight specifications and axle loads

Curb weight with driver *(→ Technical data)*	kg	1326
Gross Vehicle Weight Rating	kg	1800
Front Gross Axle Weight Rating	kg	950
Rear Gross Axle Weight Rating	kg	900

Towing weights

Braked towing weight, grades up to 12%	kg	1200
Braked towing weight, grades up to 8 %	kg	1200
Unbraked towing weight	kg	660
Maximum gross combination weight rating, up to 12% gradient	kg	3000
Maximum gross combination weight rating, up to 8 % gradient	kg	3000
Maximum permissible trailer tongue weight rating	kg	75

Carrying load for rear carrier systems *(→ Bicycle rack)*

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