



Owner's Manual

Passat SportWagen

Edition XX/202X



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then plug it back in again. This prevents electronic devices from inadvertently being switched back on.

DANGER


Contact with high voltage in the electrical system, e.g. sockets, may cause electric shocks, serious burns, and fatal injuries.


- Do not spill any liquids on the socket.
- Do not insert any adapters or extension cables into the 230-volt socket with earthing contact.
- Do not insert any conductive items (e.g. a screwdriver) into the contacts of the 230-volt socket with earthing contact.

NOTICE




The sockets on the vehicle can be damaged by improper operation. This may result in damage to the electronics and the vehicle.

- Only connect devices to the socket if the voltage of these devices matches the socket voltage.
- Do not suspend excessively heavy devices or connectors (e.g. power supply units) directly from the socket.

 If electrical equipment with a high starting current is prevented from being switched on, the integrated overcurrent shutdown may be the cause. In this case, disconnect the power supply unit from the electrical device and reconnect it after about 10 seconds.

 With some devices, the functionality of the 230-volt socket may be impaired due to the relatively low power (wattage).

Charging Options for Mobile Devices

 Please read the introductory information and heed the Warnings and Notice  and  on page 208.

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



Fig. 146 In the center console: storage 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 rear shelf with liner mat for the wireless charging function is located in the area of the center console and is designed for only one Qi-certified mobile phone at a time → [fig. 146](#).

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.

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.


Storage compartment cover



Fig. 147 In the center console: open cover of the storage compartment (general example).

The storage compartment for the wireless charging function may have a cover for the cell phone display.

The cover can prevent you from being distracted by the cell phone, e.g. by incoming notifications.

1. Place the cell phone in the storage compartment.
2. Keep the cover closed while driving so that the cell phone display is completely covered → .

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

📖 Please read the introductory information and heed the Warnings and Notice ⚠️ and ⓘ on page 208.

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.

Data transmission

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.
- SIM 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.

System updates improve the security, stability and operating speed of vehicle systems. The system update is a preventative measure, for example, to protect from malware and to optimize functionality.

A system update is used to update the software of control modules in the vehicle.

Old vehicle return and scrap disposal

Old vehicle return

At the end of its life cycle, your vehicle should be recycled or disposed of in an environmentally friendly manner. This is why the last owners of vehicles in many states are legally obliged to hand their vehicles over to an authorized treatment facility.

Volkswagen has already made provision for this point: Recycling centers where you can hand over your vehicle are available throughout many federal states.

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 your authorized Volkswagen dealer or authorized Volkswagen Service Facility. <

Radar Sensors

Depending on the vehicle equipment, assistance systems, e.g. Adaptive Cruise Control (ACC), that use radar sensors may be installed in your vehicle.

Observe the legal regulations for restricted access to certain zones that prohibit entry for vehicles with radar sensors. Observe relevant traffic signs where applicable. If you wish to enter one of these areas, first consult with an authorized Volkswagen dealer or authorized Volkswagen Service Facility to determine whether there are radar sensors installed in your vehicle.

WARNING

Sensors are subject to physical system limitations. External sources of interference, e.g. from other vehicles, can affect the functions of the sensors and impair the functions of the supporting systems. If the system does not work as expected, this may result in accidents and serious or fatal injuries.

- Always pay attention to the traffic situation and vehicle environment.
 - Always adapt your speed and driving style to the visibility, weather, road and traffic conditions.
- <

Reporting Safety Defects

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Volkswagen of America, Inc.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between

you, your dealer, or Volkswagen of America, Inc.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at:

Tel.: 1-888-327-4236 (TTY: 1-800-424-9153)
go to:

<http://www.nhtsa.gov>

or write to:

Administrator, NHTSA,
1200 New Jersey Avenue, SE.
Washington, D.C. 20590
You can also obtain other information about motor vehicle safety from

<http://www.safercar.gov>

Notes on radio regulations

Declaration of conformity for radio equipment for the USA



Approval mark for radio systems in the USA.

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:

These devices meet the requirements of:

FCC Section 15.19

These devices comply with **Section 15 of the FCC requirements**. Operation is subject to the following two requirements:

- ◀ (1) This device must not cause any harmful interference and
- (2) this device must accept all received faults, including interference that could lead to unwanted operations.

FCC Section 15.21

CAUTION:

Changes or modifications that have not been expressly approved by the authority responsible for compliance with the regulations may result in revocation of the user's authorization to operate the device.

The radio systems listed below are not available in every vehicle.

- Connection to the outside antenna
- Antenna
- Adaptive Cruise Control (ACC)
- Antenna amplifier
- Rear Traffic Alert.
- "Blind spot" sensor.

- Bluetooth®.
- Electronic immobilizer
- Remote start relay function.
- Remote control key (vehicle)
- Garage door opener
- ID. Cockpit.
- Infotainment system
- Keyless Access.
- Instrument cluster, electronic immobilizer
- Autonomous Emergency Braking (Front Assist).
- Radar sensors for assistance systems
- Tire pressure sensors
- Phone interface
- Volkswagen Car-Net control module
- Wi-Fi hotspot.
- Central control module



Radio systems with this marking must be collected separately from normal household garbage and disposed of in accordance with legal requirements → page 393.



Symbol for limited use of certain hazardous substances in electrical and electronic devices in accordance with the RoHS directive.



Approval numbers

FCC ID: 2AAJCBR20, FCC ID: 2AAJCBR21, 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, 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: 2AVXWWW5BRC001, FCC ID: 2AXPS-WPC003-1, FCC ID: 772C-LB1FD, FCC ID: BEJLCW05-VWES, FCC ID: BEJ-MIB2, FCC ID: BEJMIB2PQ, FCC ID: BEJ-MEBICAS3, FCC ID: BEJ-MIBPQMIN, FCC ID: BEJ-MIB30I, FCC ID: BEJT-LAHW3IU-E, FCC ID: BEJTLAHW3IU-N, FCC ID: BEJTLVHE4IU-E, FCC ID: BEJTLVHE4IU-N, FCC ID: BEJTLVHM3IU-E, FCC ID: BEJTLVHM3IU-N, FCC ID: BEJTLVHM3IU-N, FCC ID: BEJTLVHM3IU-N, FCC ID: BEJTUVM01IU, FCC ID: CWTUGZFF1, FCC ID: CWTUGZFF2, FCC ID: IYVZK2, 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: NBG01R54, FCC ID: NBG011719A, FCC ID: NBG10176, FCC ID: NBG9068, FCC ID: NBG92596263, FCC ID: NBGBCMEVO, FCC ID: NBGBCMEVOS, FCC ID: NBGBCMR2, 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: NBGFS125CS, FCC ID: NBGFS173NP, FCC ID: NBGFS173NPM, FCC ID: NBGFS173NR, FCC ID: NBGFS1744M, FCC ID: NBGFS19, FCC ID: NBGFS191, FCC ID: NBGFS93N, FCC ID: NBGMQB8B, FCC ID: NBGMQB8B, FCC ID: NBGPQ12P01, FCC ID: NBGRS819, 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-FPK8IMM05D, 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: QISME919B5-567BN, FCC ID: QISME919B5-567BNB, 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-FSCP42, FCC ID: NBG01RS53, FCC ID: NBGFS125C1, FCC ID: QZ9-DCB.

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 fre-

quency (RF) Exposure Guidelines. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter. The antenna should be installed and operated with minimum distance of 20 cm between the radiator and your body.

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

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.

Technical data

Information on technical data

General information about specifications

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 a vehicle ready for operation with standard equipment, without a driver, with fluids. 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 indicated on the safety compliance label or on the identification label on the B-pillar on the driver's side → page 403 .

Performance

These values apply only in ideal road and weather conditions.

The performance was determined without equipment that limits performance, such as add-on parts.