

Volkswagen Zubehör

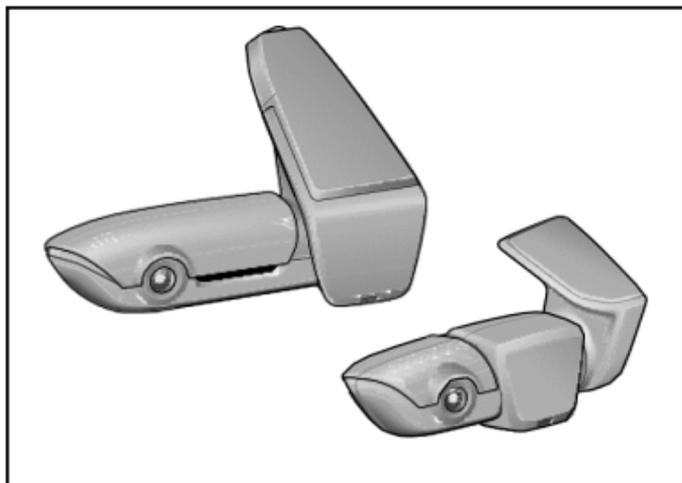


Volkswagen Accessories

Volkswagen Universal Traffic Recorder 2

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Universal Traffic Recorder 2



General information about these instructions

The work and safety information and the warnings described in these instructions must be strictly complied with. Damage resulting from failure to comply with these instructions is excluded from any liability.

The Volkswagen Universal Traffic Recorder 2 – in the following referred to as UTR 2 – must be installed by a specialist workshop. Special tools and detailed, vehicle-specific manuals are needed for the installation work. Improper installation may result in injury to persons and damage to the vehicle or the UTR 2.

The work to be performed on the vehicle, as described in these instructions, may vary in some circumstances as a result of model improvement measures. As such, changes to the connectors, wiring colours or even the fitting locations cannot

be ruled out. Therefore, it is always vital to consult the latest circuit diagram or latest repair guidelines for the vehicle.

Subject to technical modifications.

Safety Instructions

For your own safety and that of other road users, and to avoid material damage, please carefully read and follow the following safety instructions.

- **During installation**

Only use the original parts included in the scope of delivery.

Have the Volkswagen Universal Traffic Recorder 2 installed by a Volkswagen dealership.

Observe the installation instructions.

- **Prior to initial use**

Read the operating instructions carefully before starting up the Volkswagen Universal Traffic Recorder 2.

- **During operation/While driving/While the vehicle is moving**

Do not operate the smartphone, Volkswagen Universal Traffic Recorder 2 or the associated app while driving.

Warnings and Symbols

Various types of warnings and symbols are used in these instructions.



WARNING

Failure to follow warnings categorised under "Warning" may result in serious injury or death.



CAUTION

Failure to follow warnings categorised under "Caution" may result in minor or moderate injury.



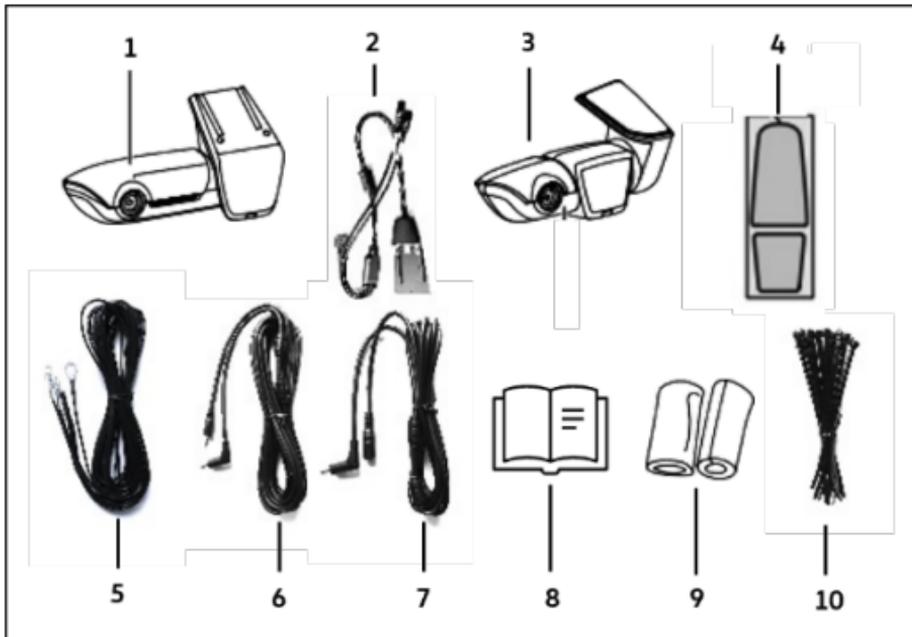
NOTE

Failure to follow warnings categorised under "Note" may result in damage to property.



Text labelled with this symbol contains additional information.

Scope of Delivery



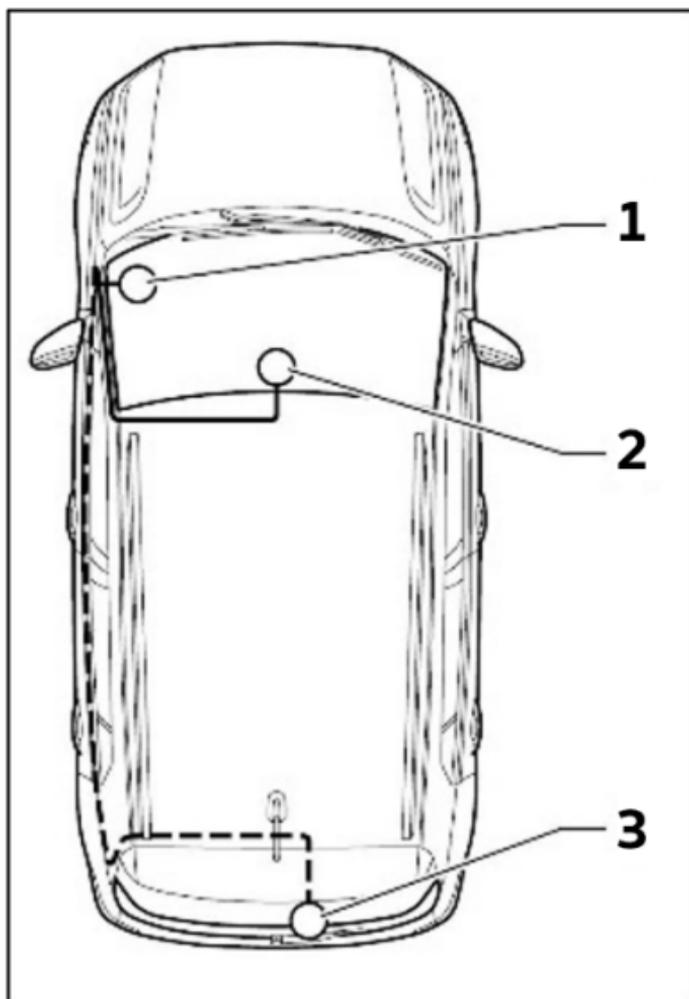
Item	Designation	Quantity
1	Front camera (including 32 GB microSD card)	1
2	Front camera bracket with connections for power supply and rear camera	1
3	Rear camera	1*
4	Privacy film for front and rear cameras	1
5	Power supply wiring harness	1
6	Rear camera connection cable	1*
7	Rear camera extension cable	1*

8	Quick start guide	1
9	Foam sleeves	2+1*
10	Cable ties	14+6*

* Only included in 000-063-511-H (set consisting of front and rear camera).

We reserve the right to make changes to the scope of delivery.

Overview of Installation Locations



- 1 Connection to vehicle electrical system/fuse box***
- 2 Front camera**
- 3 Rear camera****

* If the fuse box is located on the right-hand side of the vehicle, the electrical cables must be routed using a mirror-inverted layout.

** Only included in 000-063-511-H (set consisting of front and rear camera).

Preparatory Work

Perform in accordance with the manufacturer's specifications:

- Disconnect the vehicle battery.
- Remove the left* sun visor.
- Lower the headliner at the front.
- Remove the A-pillar trim on the left*.
- If necessary, remove any trim, stowage compartments, etc. to access the fuse carrier or alternative connection points.

Only if rear camera is installed:

- Remove the front left* sill panel trim.
- Remove the rear left* sill panel trim.
- Remove the luggage compartment side trim on the left*.
- Remove the left* C-pillar trim.
- If necessary, lower the headliner at the rear.

Additionally for vehicles with a boot lid:

- Remove the upper boot lid trim, if necessary.

* If the fuse box is located on the right side of the vehicle, the respective parts/trims on the right side of the vehicle must be removed.

Routing and Connecting the Wiring Harness/Cables



WARNING

Observe the safety regulations for pyrotechnical components stated in the manufacturer's specifications.

Do not trap the curtain airbag when installing the upper pillar trims. Route the UTR 2 wiring harness for the power supply and rear camera connection cable (only for 000-063-511-H) behind the airbag and secure accordingly. It is vital to ensure that the airbag will work faultlessly under all circumstances.



NOTE

Make sure that all routed cables are long enough to reach the mounting positions of the camera(s). If necessary, extend the cables using suitable workshop equipment.



NOTE

To avoid damaging lines, make sure that they have sufficient clearance to all moving components in confined installation spaces.

Secure the wiring harness at suitable distances during routing to prevent noise development and chafing.

Protect the wiring harness against damage when passing through the body or trim parts, e.g. using fabric adhesive tape or foam sleeves.

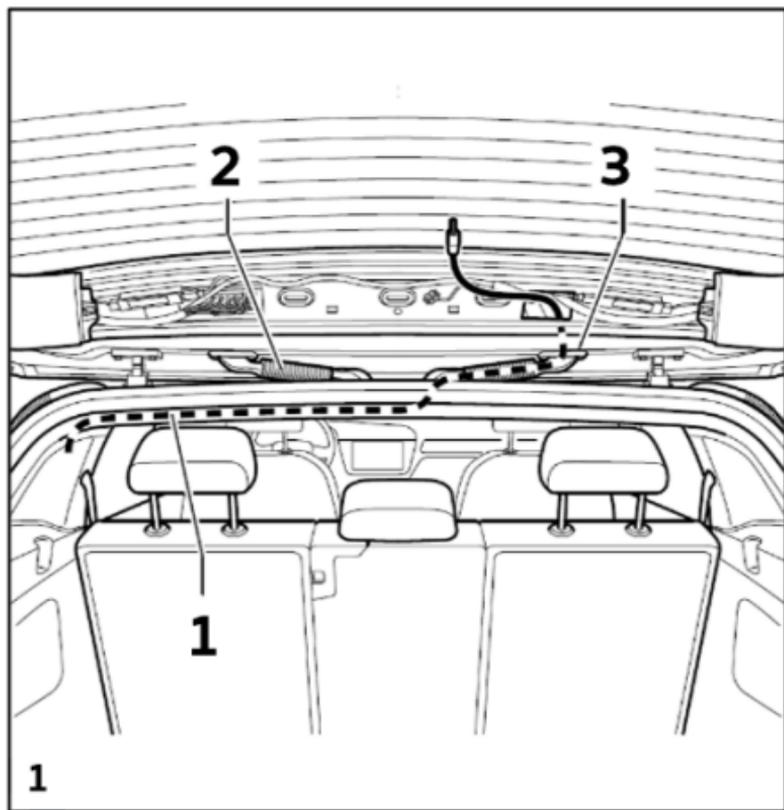
Work to be completed:

- Release some of the tension in the headliner in the entire windscreen area to allow cables to be routed more easily.
- Route the wiring harness for the power supply and connection cable for the rear camera (only for 000-063-511-H) from the A-pillar to approximately the centre underneath the roof lining and leave it hanging next to the mirror base. Make sure that the straight connector for the rear camera connection cable ends next to the mirror base.
- Route the wiring harness for the power supply and connection cable for the rear camera (only for 000-063-511-H) further down the A-pillar to the fuse carrier.

When installing the rear camera (only 000-063-511-H):

- Next, route the rear camera connection cable along the sill panels to the rear and then along the C-pillar towards the centre of the headliner.

Only for vehicles with a boot lid:

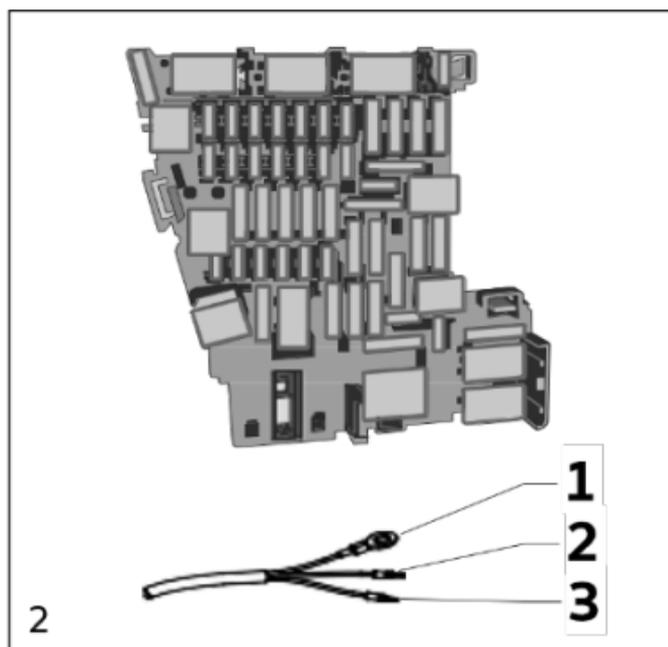


For easier installation, guide the rear camera extension cable - 1- with the straight jack socket from the rear camera's later installation position through the rubber sleeve -2- or -3- under the headliner and connect it to the angled connector for the rear camera connection cable.



NOTE

If the extension is used, use a strain relief connector to secure the plug connection against unintentional loosening and protect it with a foam sleeve if necessary.



Next steps for all vehicles

- Screw the ground connection -1- (fig. 2) to a suitable grounding bolt.
- Connect the cables -2- (green, switched positive, terminal 15) and -3- (red, continuous positive, terminal 30) to a suitable, free fuse slot and protect with one 5 A fuse each.



Due to technical modifications or different equipment, the fuse carrier may be fully occupied or the plug

contacts on the wiring harness may not fit.

In these cases, the plug contacts can be removed and the connection for permanent positive and switched positive can be tapped at a suitable position on a consumer line that has been suitably fused. Then, establish the electrical connection using suitable workshop equipment.

Installing the Front and Rear Camera*

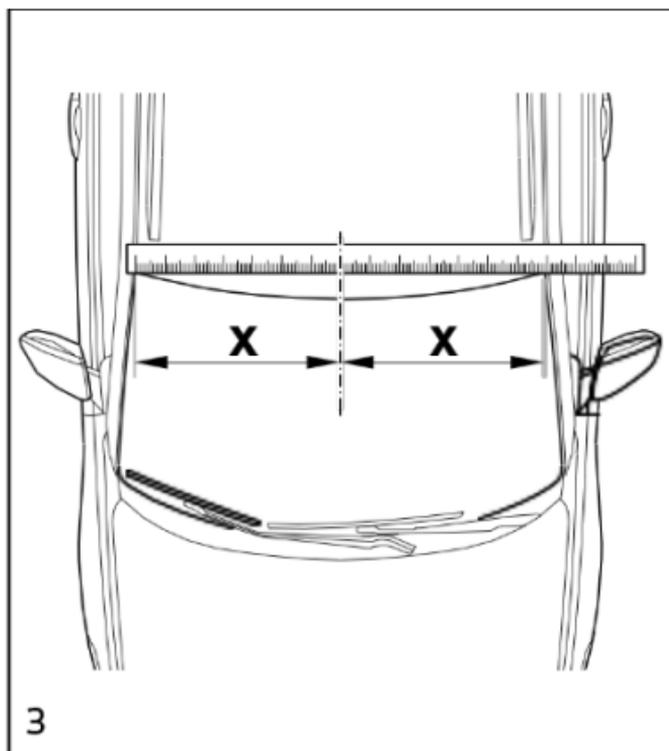


CAUTION

If the privacy film or the adhesive film on the camera is not stuck on correctly, the camera may come loose and pose a risk of injury.

- The installation temperature for the privacy film and adhesive film for the camera is 18°C–40°C.
- Any tinting films or similar applied retrospectively must be removed in the bonding area to ensure that the substrate is firm and load-bearing.
- Thoroughly clean the corresponding vehicle window using workshop equipment before applying the respective privacy film. The window must be dry and free of dust and grease in the attachment area. We recommend using an alcohol-based cleaning agent for cleaning.
- Do not deform the privacy film by pulling it.
- Press on the privacy film firmly over the entire surface.
- Remove any air bubbles with a scraper.
- Thoroughly clean the corresponding privacy film before adhering to the respective camera. Here too, make sure that it is dry, dust-free and grease-free before applying.
- Press the camera firmly onto the entire surface.

Markings on Windscreen and Rear Window



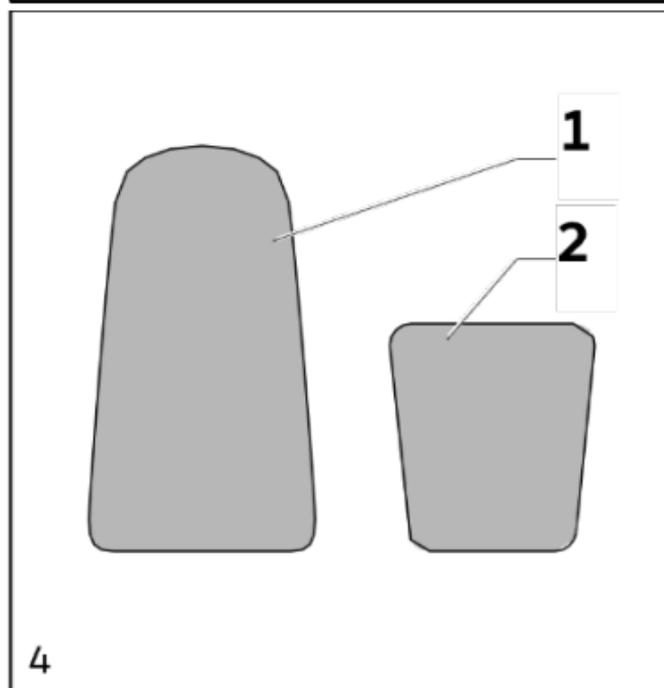
Work to be completed:

- From the outside, calculate and mark the centre of the windscreen and rear window* (fig. 3).
- Slide the front camera onto the mounting foot until it engages.
- Move the camera into the installation position and mark the adhesive area of the camera from the outside. When doing so, align the respective camera lens with the marking made in the centre of the vehicle window.
- Align the camera horizontally, as high and as close as possible under the rear-view mirror or rear window trim.



WARNING

The driver's field of vision must not be obstructed under any circumstances.



From the inside, stick the privacy film onto the marked adhesive area (fig. 4: -1-Front camera privacy film, -2- Rear camera privacy film*).

- Move cameras into installation positions and stick in place.
- Connect the front camera to the power supply wiring harness and the rear camera connection cable.
- Connect the rear camera*.
- Connect the vehicle battery in accordance with the manufacturer's specifications.

- Perform a functional check.

* Only when a rear camera (000-063-511-H) is being installed.

Final Tasks (Observe Manufacturer's Specifications):

- Check the cable routing (including fasteners) and plug connections again and correct if necessary.
- Reinstall trims/components in reverse order of removal.
- If necessary, activate automatic raising/lowering of the electric rear roller blind.
- If necessary, delete the vehicle's fault memory.