

# Installation Instructions Convertible Top Interface

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Volkswagen  
EOS

## Convertible Top Interface Features

**NOTE:** The interface will be delivered with the following factory settings:  
Modul activated - Max. Speed up to 10 km/h - Interior switch activated - Remote activated -  
Indicator lightning deactivated - No start up with tow bar

**NOTE:** This Instruction are only valid for modules with a hardware version 49/15 and software version 3.0 or higher.

- Convenient **One-Touch** operation using the interior button or the remote - fully automated opening and closing.
- Operate while driving up to a speed of **45 km/h** (30 mph) (adjustable).
- **Indication** that convertible top is opening or closing **by hazard lights** (optional).
- All standard safety features remain **unaffected**.
- **Easy installation** without cutting or splicing of wiring.
- Uses the vehicle's **original** connectors.

### Remote



**3X Open** Push the open button **three times** (1-second pulse rate) to automatically open the roof (for activated remote).

**3X Close** Push the close button **three times** (1-second pulse rate) to automatically close the roof (for activated remote).

### interior roof switch

Press and hold the button for approximately **2 seconds** to automatically open or close the roof (for activated switch).

## Scope of delivery

- Interface
- Wiring harness

## FAQ

Q: The remote operation is suddenly not working any longer.

A: The function has been deactivated by mistake. Please activate it again (see page 7).

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## Safety Instructions

Congratulations to your new convertible top interface.  
Thank you for choosing a product of Kufatec GmbH  
& Co. KG.

Please take note that the installation can only be done by vehicles which are using a 12V battery. In particular trucks, all-terrain vehicles and commercial diesel cars including taxis are running often with 24V batteries and an installation is not possible in these kind of vehicles.

Take care to ensure no devices are affected or damaged that are relevant to security or safe operation of the vehicle.

This unit is only for use in the following vehicles. Only connections described within this instruction guide are allowed or required to use for installation.

For damage impact caused by faulty installation, unsuitable connections in appropriate vehicles Kufatec GmbH & Co. KG assumes no liability.

We advise you that these units process data out of the CAN - protocol from the vehicle. As the supplier of this device we don't know the overall system you are working with. If our device causes damage due to other changes made by to the vehicle Kufatec GmbH Co.KG assumes no liability.

If the car manufacturer's don't agree with the installation of our device by reason of warranty the Kufatec GmbH & Co. KG assumes no liability. Please check conditions and warranty before you begin the installation.

Kufatec GmbH Co. KG supplier reserves the right to change the device specifications without notice.

**Note:** In case of low battery the Interface switches by reason of secure into standby. In order to wake up the interface again it has to be unplugged and connected again.

**Note:** This interface does not include pinching protection. The user must watch the opening/ closing process at all times to make sure there are no objects or people (in particular children) in the path of the convertible top. If a person is too close, you can stop the process by pushing the button on the remote or by pushing the interior button again. Kufatec GmbH & Co. KG assumes no liability for any damage incurred if these safety instructions are ignored.

## Installation instruction

For accessibility requirements, the roof should be closed for installation. Please close the roof and remove the key from the ignition.

After you have closed the top, shift out the bolting device for the baggage compartment to disconnect the switch, as represented in image 1. After disconnecting the switch the entire baggage compartment can be taken out. Further, remove the warning triangle as well as the base plate from the vehicle (image 2).



image 1



image 2

The lining at the tail side of the compartment is fastened with two screws. The first step is to unscrew the screws identified in image 3. Next, pull the lining upward out of the vehicle.

**ATTENTION:** Proceed with the disassembly of the lining very carefully since the plug connector for the interior lighting needs to be taken off as well (image 4). Afterwards, this lining can be taken out of the vehicle and set aside.



image 3



image 4

Dismantle the three plastic - locking pins from the left cowl of the baggage compartment as demonstrated in image 5, 6 and 7. We advise using a screwdriver to applying an even force on the locking pins to loosen. This will allow the core to be removed more easily.



image 5



image 6



image 7

## Installation instruction

Now remove the rubber cap in the rear area of the cowl. Using a M8 screwdriver, loosen the screw shown in image 8 and remove. The hinge of the baggage compartment disconnecting switch needs to be dismantled (image 9). You will need a T30 Torx screwdriver for this.



image 8



image 9

Release the plastic cover wiring plate from the cowl as represented in image 10 and 11. Carefully take these off by pulling towards the rear of the vehicle.



image 10

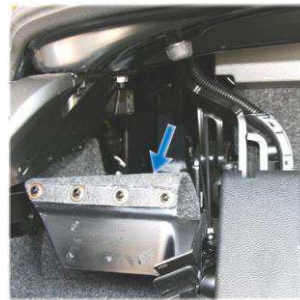


image 11

Now carefully loosen the entire cowl from the baggage compartment lifting upward and out.

**ATTENTION:** Raise the cowl carefully and slowly. This will help prevent damage to the plug connector of the reporting switch (image 12) for the baggage compartment - disconnecting switch. To properly loosen the reporting switch, lift the tab under the cowl and remove these from its mounting plate. The reporting switch is located directly under black locking for the baggage compartment - disconnecting switch.

**ATTENTION:** In some series the plug connector was attached using a cable strap. In this case, separate the plug connector from the bolting device (image 12, blue arrow) bending to the outside left. The entire left cowl can now be taken out of the vehicle (image 13).



image 12



image 13

## Installation instruction

The plug & play set of cables (image 15) and the vehicle-lateral set of cables should be merged to make one set. Completely remove the right plug from the control unit (image 16, 17) and connect to the pin contact side of the supplied set of cables.

**ATTENTION:** Consider the allocation of plugs (1--8).

If necessary, this fabric bound plug connector must be fixed. Put the plug with red lock into the spot where you just removed the identical plug.

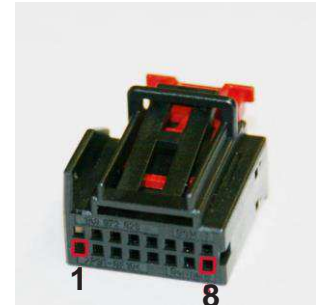


image 14



image 15



image 16



image 17

To make a suitable bonding, connect the bonding straps (lug) of the module with the ground of the body. This is to the left of the control unit (image 18).

A current supply is created through a proper solder joint. Remove a little of the shroud from one of the **red/yellow** vehicle-lateral cables (second plug from right), (image 20). Make a suitable solder joint between the continuous positive cable of the interface (image 19) and the **red/yellow** cables of the vehicle. After making the connection, use tape to properly insulate the soldered connection (image 20).



image 18



image 19

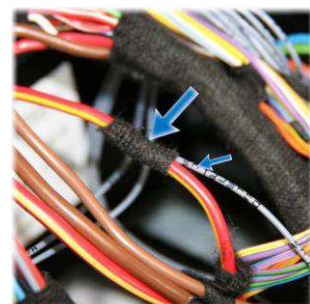


image 20

Installation of the wiring for the interface is now complete.

We recommend using the space behind the equipment covering as a good place to store the wiring for the Convertibles Top Interface. When moving the cables be very careful not to squeeze or damage any of the lines. Verify that all lines are connected and secured properly.

## Final test

**ATTENTION:**

Before the installation is complete, you must perform the following test:

Use a screwdriver to simulate the rear flap closing procedure. Insert the nose of a screwdriver into the bolting device and push towards the back to trigger the rear flap bolting device (image 21, 22). After approximately one second, you should hear that the lock is clear. Once unblocked, as shown in image 23, the interface should reset.

**ATTENTION:** There should be no error message when the interface is engaged. If you receive an error message, examine all lines to check that they are connected correctly.



image 21



image 22

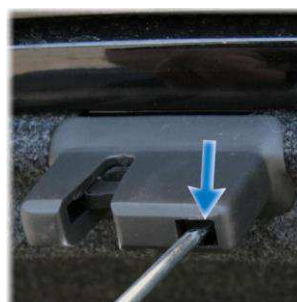


image 23

Test the Convertible Top Interface to verify that it is working properly before you begin to reinstall the parts you removed for the installation.

To reassemble the parts, simply reverse the order used in their disassembly.

## Operating Instructions



image 24

To set up the below listed functions, at first you need to turn the button for external mirror adjustment to zero.

### 1. Hitch

To enable / disable the folding top control while a trailer is hitched, press the button for mirror adjustment, for about 10 seconds, upwards.

- If the function is activated, sounds 2x a gong.
- If the function is deactivated, you will hear 1x a gong.

### 2. Remote Control

To enable / disable the folding top control by remote control, press the button for about 10 seconds to the left.

- If the function is activated, sounds 2x a gong.
- If the function is deactivated, you will hear 1x a gong.

### 3. Set up maximum speed

To set up the speed, up to which the folding top can be opened, you need to drive the speed you want to enter and simultaneously press the button for about 10 seconds down. The top speed is limited to 45 km/h.

- Up to a speed of 45 km/h a Gong 1x sounds as confirmation.
- From a speed of 45 km/h a Gong 2x sounds as confirmation and the speed is set at the maximum of 45 km/h.

### 4. Comfort Option

In order to activate / deactivate the comfort function of the interior roof switch, the button for mirror adjustment need to be press for about 10 seconds to the right.

- If the function is activated, sounds 2x a gong.
- If the function is deactivated, you will hear 1x a gong.

If the function is activated, the folding top will open completely automatically after a short press on the interior roof switch or the button of the remote control.