

Installation

AUDI Q7 4M

Rotative / Swivel Tow Bar - wire harness



Safety Rules

Installations should only be carried out in a de-energized state.

In order to disconnect the power supply in advance, observe the specifications of the vehicle manufacturer.

Avoid installation in places, which limits the driving safety or the functionality.

This installation of the system described here is not subject to the warranty provisions of individual vehicle manufacturers.

For any damage caused by improper installation assumes no liability (use of unsuitable connections / mounting equipment / aids / tools or assembly in vehicle models not approved by us).

For changes within the model series and the model year, the usability of our assembly can not be guaranteed in every case. We can therefore assume no liability for the usability of our systems in the event of subsequent changes by the manufacturer.

Please therefore observe the warranty conditions of the vehicle manufacturer before installation.

We reserve the right to change components without giving reasons.

The installation may be carried out only by qualified persons.

In case of non-appropriate use as well as the improper installation expires the Warranty.



1. Remove the right and left side panels



Remove the rear panel trim.

* On some cars it is mounted on clips, in others - screwed.



2. Dismantling rear bumper

For disassembly, refer to the respective repair manual for your AUDI Q7 4M.

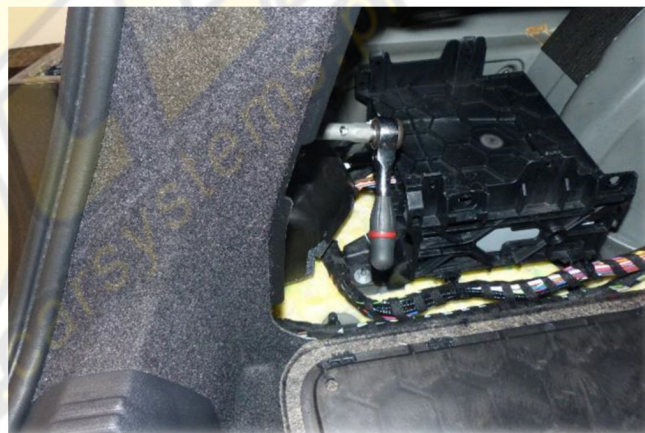
Basic procedure:

Release screws underneath the bumper

Release screws in wheel arch

Release the nut in the interior (in the left + right side panel)

Remove bumper



3. Mounting trailer hitch

Release the impact silencer and replace it with the trailer hitch.

Lay the cable set through a grommet into the interior.

Mount the trailer hitch control unit and the lever.



The rear apron should be separated from the bumper and replaced with a rear apron with a notch for the trailer coupling.



4. Electrical connection

In the left side panel of the luggage compartment is the comfort control unit, the earth point and the +12 fuse distributor.

There, the lines will be connected as described below:

Connections fuses / ground

- Cable SF5 = permanent plus, please plug in fuse carrier ST2 at position 5 and fuse with 25 A.
- Cable SF6 = permanent plus, please plug in fuse carrier ST2 at position 6 and fuse with 30 A.
- Cable SF7 = permanent plus, please plug into fuse carrier ST2 at position 7 and fuse with 15 A.
- Cable SF8 = permanent plus, please plug in fuse carrier ST2 at position 8 and fuse with 25 A.
- Cable SF9 = continuous plus, please plug into fuse carrier ST2 at position 9 and fuse with 15 A.
- Brown wire = ground, please screw on to the ground point of the car body.

Connections on the comfort control unit:

- orange / green cable = comfort CAN high, please solder to the orange / green cable at the blue plug T32h (chamber 2)
- orange / brown cable = Comfort CAN Low, please solder to the orange / brown cable at the blue plug T32h (chamber 1)
- Black wire = ignition plus terminal 15, please solder it to the black lead on the black plug T32g (chamber 17)
- Red / white wire = brake light Terminal 54, please solder it to the black / red wire on the black plug T32g (chamber 12)

* The cables colors in the car may be different, so be sure to look for the plug and the corresponding chamber!

Connections to the control unit towbar:

Plug all plugs into the AHK control unit.

Connections on the push-button of the trailer coupling

In vehicles without air suspension, the 12-pin connector is simply plugged onto the new AHK button.

In vehicles with air suspension and therefore already existing button for lowering the rear of the vehicle, the cables of the 12-pin connector must be reconnected as follows to the existing 12-pin connector, this is the case down to unlock the contact inserts down.

Please reconnect the cables to the existing connector as follows:

Cable gray / blue out of chamber 6 is no longer used, please stripping and tie away.

Insert blue wire from chamber 7 onto existing plug in chamber 7.

Insert wire purple from chamber 8 onto existing plug in chamber 8.

Gray cable from chamber 10 onto existing plug in chamber 10.

Insert brown cable from chamber 11 into existing plug in chamber 11.

Insert white cable from chamber 12 into existing plug in chamber 12.

09-Central Electrical:

Set coding channels 86 and 195 to installed / installed

13-distance control *:

Set coding channel 22 to installed / installed

6C-rear camera *:

Set coding channel 6 to installed / installed

6D-tailgate *:

Enable coding byte 1 bit 7

A5-front / advance camera *:

Coding Byte 11 Bit 0 enable

17-dash panel insert:

Set coding channel 84 to installed / installed

46-comfort control unit:

Set coding channel 77 to installed / installed

74-ride control *:

Set coding channel 0 to installed / blocked

69-trailer control unit:

Coding is 0110000202000000

* only with existing equipment