installation

Active suspension control

Audi Q7 / SQ7 4M Audi Q8 /

SQ8 / RSQ8 4M8

MILLTEK

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1. Disclaimer

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Operating instructions / installation instructions are not permitted and are punishable by law.

3. Safety instructions

The installation may only be carried out by trained specialist personnel. The installation is carried out in a de-energized state - the vehicle must be without ignition for about 5 minutes. The use of the Active Suspension Control is only suitable for the vehicle types and model series mentioned in this manual and may therefore only be used with them! Installation is carried out exclusively according to the steps specified in these installation instructions. Only the connections mentioned in this manual may be used. Cete Automotive GmbH assumes no liability for damage caused by improper installation, the use of unsuitable connections or installation in unintended vehicle types and models. The manufacturer reserves the right to change components without giving reasons.

4. General information

Please follow the installation steps given here. When developing the product, we paid particular attention to safety, ease of use, design and innovative development in order to offer the user a good product. Despite the greatest care, however, it can

wrong or

improper installation, use or incorrect operation can result in property damage. Depending on the product and its intended use, it may be necessary to check the legal regulations of the respective country before commissioning.

In the event of warranty claims, the device must be returned to the seller in the original packaging, with the associated proof of purchase and a description of the fault. Please note the return regulations.

It be valid the statutory warranty regulations. Of the Warranty claims and the operating license expire due to: unauthorized changes to the device and its accessories, own repairs to the device, the effects of violence, improper use, opening the housing.

5. Notice

Please note that, according to the StVZO, it is a component that requires registration. Please make this entry as soon as possible.

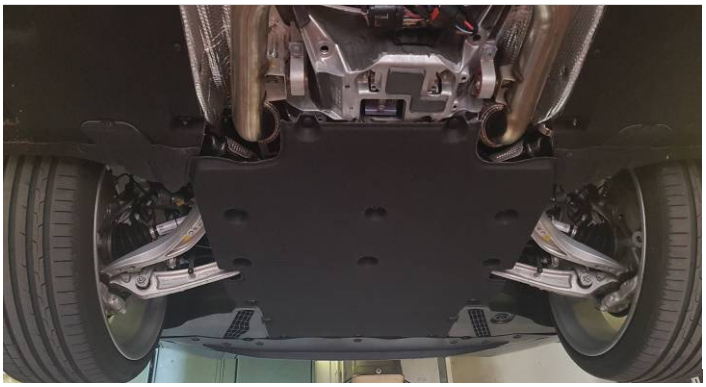
The images shown in this manual are only an aid or an orientation for removing those components. Please remove the panels in accordance with the repair guide of the respective manufacturer.

6. Foreword

The electronics will be installed on **Underbody** instead, so the vehicle must be on a **Lift,**
so that you can access the connections from below and lay the cables. Please note that all connections up to the **" Interlock**
"Must snap together. This is characterized by a **" Click "**Noise noticeable at the connection.

Route the lines as shown by us, the lines must be laid on the rigid elements so that there is no tension in the wiring harness due to
steering and other movements. The wiring harness always has one **short** Side and one **longer** Page. The **shorter** Page belongs on the **Passenger side (right** installed in the direction of travel).

7.Front axle (slave)



Step 1)
Start with of the Installation on the Front axle.

The SLAVE device must be installed here. Open the screws of the panel so that you can remove it or tilt it to install the electronics.



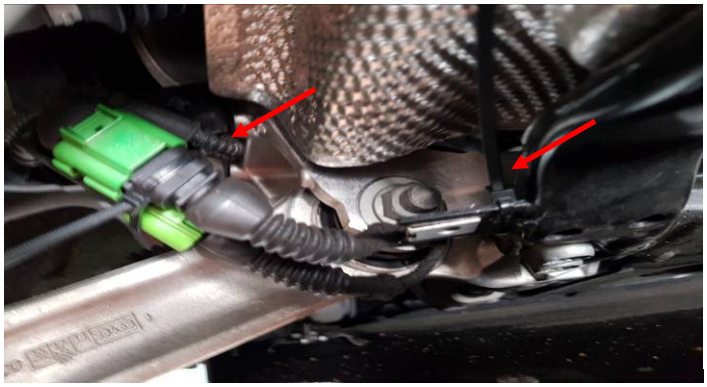
Step 2)
Locate the sensors, recognizable by the green housing.



Please note our chapter 6 foreword - the short page always belongs to the right.

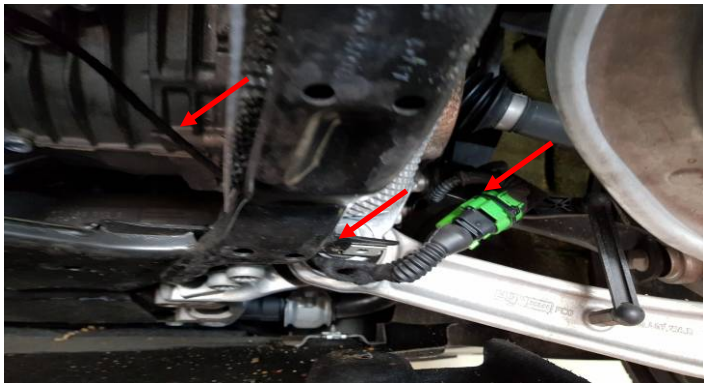


Step 3)
Disconnect the original connections and connect them with our adapter. Fasten the hanging cables with cable ties for security so that they cannot move outside the panel.









Step 4)
Finally connect the slave device and fasten it under the cover.

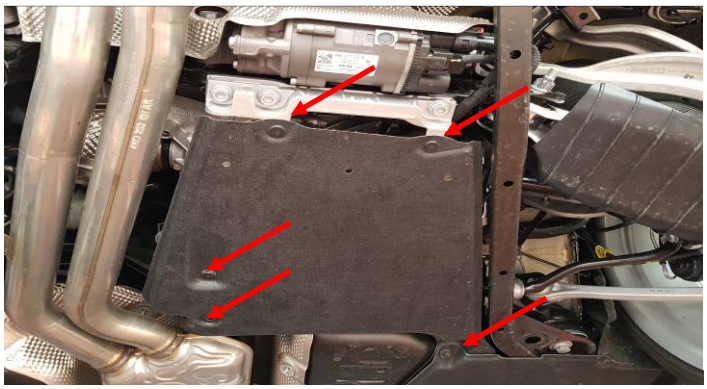
Protect

she it in front more direct

Water / dirt radiation.

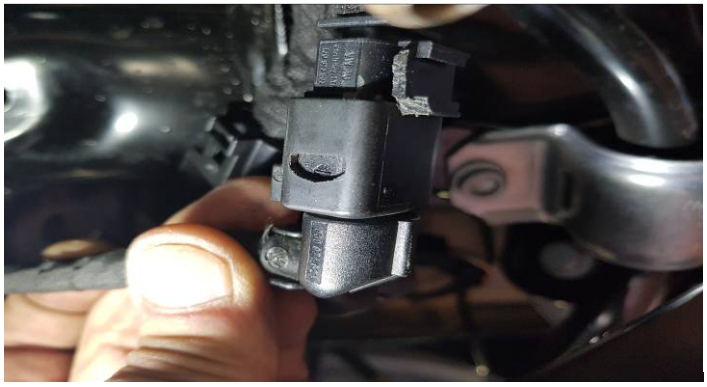
Align the device so that it points to the rear (against the direction of travel).

8. Rear axle (master)

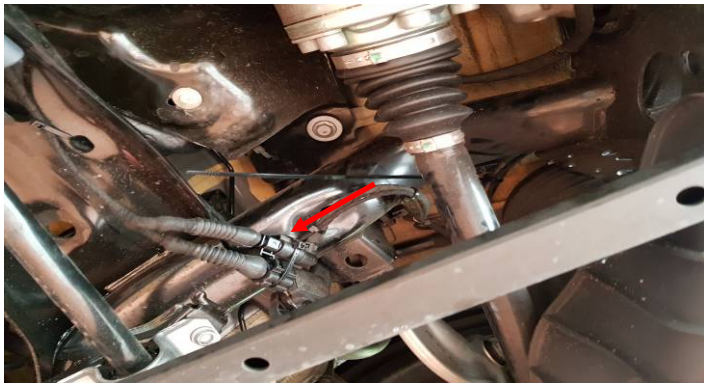


Step 1)
Now the installation on the rear axle follows. The MASTER device must be installed here. Open the clips on the panel so that you can remove them or tilt them to install the electronics. To do this, push the guide with something pointed.



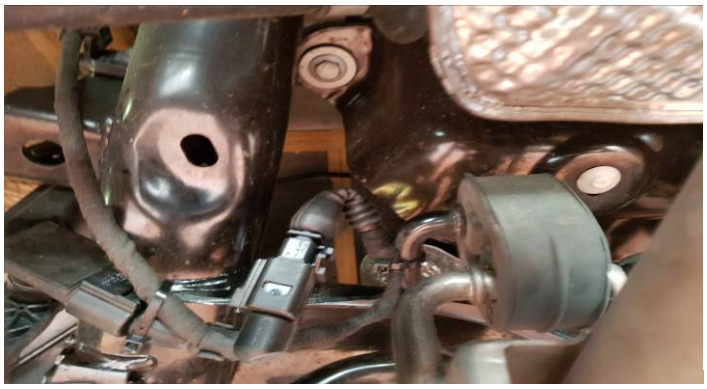


Step 2)
Locate the sensors, recognizable by the black housing.

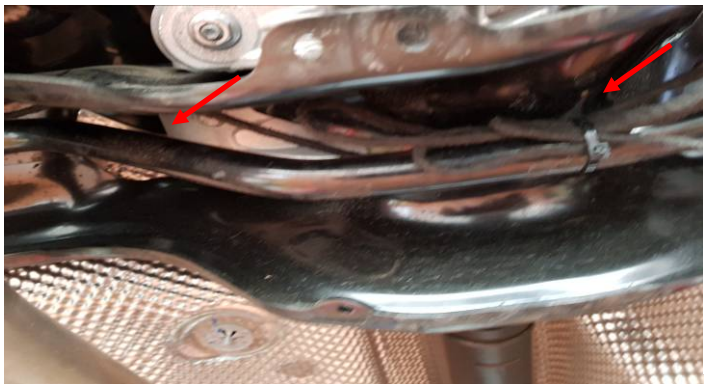


Step 3)
Connect the adapters as previously done for the slave device.

The short side of the cable harness on the right (passenger side) and the longer side is moved to the left.



Step 4)
When laying, make sure that the cable is not too close to the exhaust pipe and that the pipe is not attached to the steering rear axle.







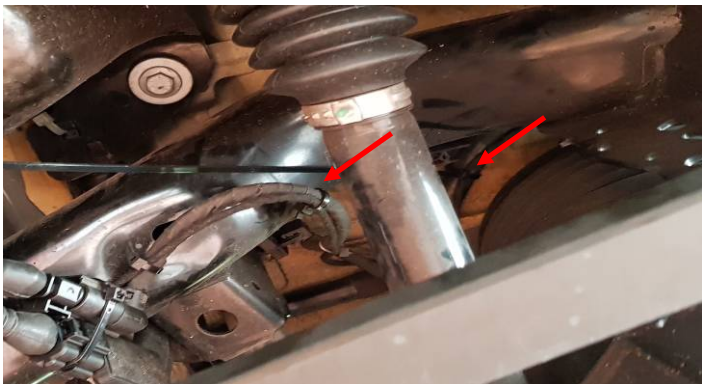
Step 5)
Finally, connect the master device and fasten it under the cover.

Protect

she it in front more direct

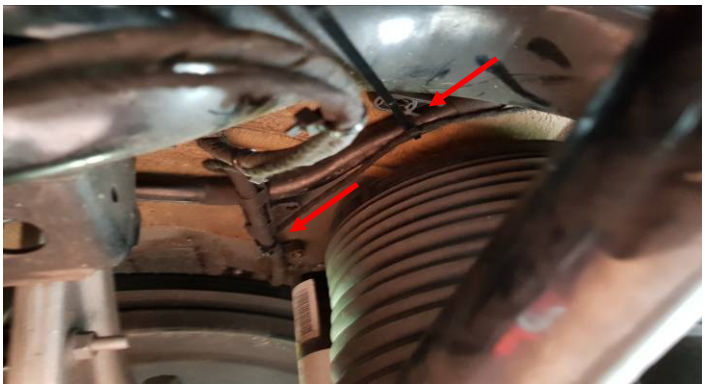
Water / dirt radiation. Please align the device so that it points forward (direction of travel). (Master and slave devices should "look at each other").

9.Can bus connection (variant 1)



Step 1)
In the last step, the Can-Bus line must be laid inside.

It is very important that you move along the original lines as much as possible so that the line does not become under tension or tear.



Step 2)
The Can-Bus must be moved to the inside on the left.



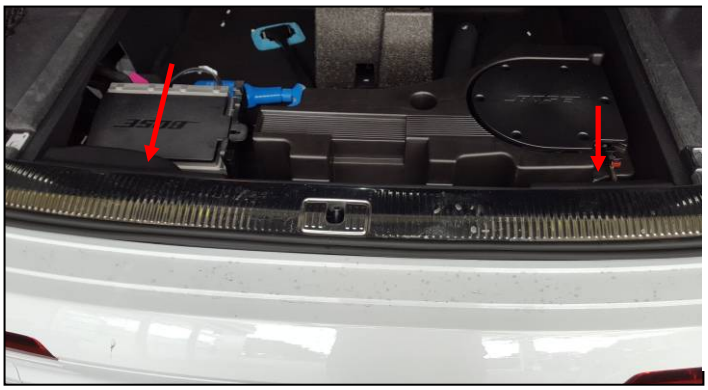




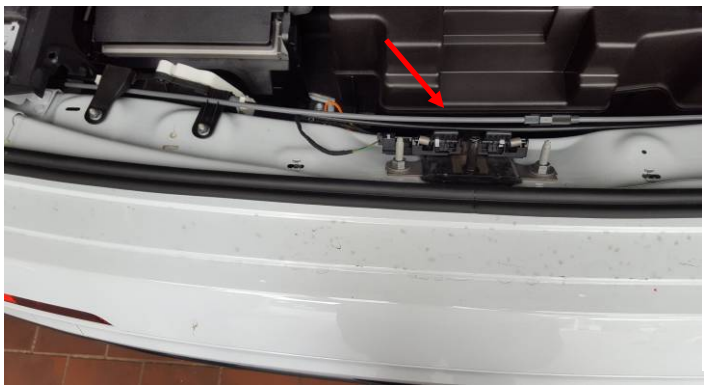
Step 3)
Open the trunk and remove the floor cover.



Step 4)
Remove the necessary screws to be able to remove the left rail.



Step 5)
Disassemble the load compartment cover.



Attention with connected connector plugs.



Step 6)
Use pliers to remove the cover on the left button. There is a screw behind it.



Remove the screw and clip out the buttons.





Step 7)
Now remove the cover from the fuse box.



Step 8)
Carefully clip out the entire left side panel.







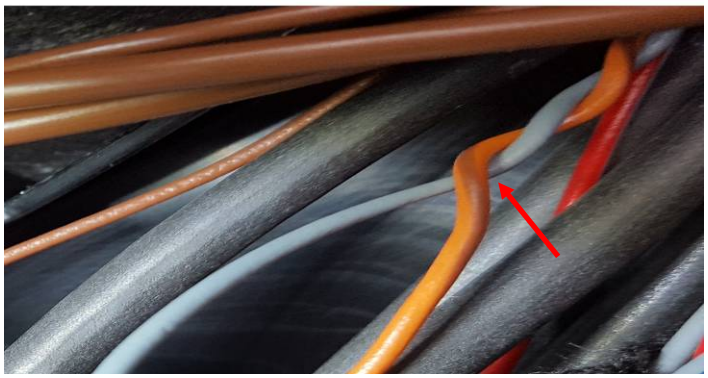
Attention with connected connector plugs.



Step 9) - CAN-BUS
Localize the CAN-BUS. Orange / silver = CAN-HIGH
Orange / brown = CAN-LOW

Orange / black combine with orange / silver Orange /

brown combine with orange / brown.



Alternative - CAN-BUS
If you can't find any orange / silver: gray = CAN-HIGH
Orange / brown = CAN-LOW

Connect these lines. The CAN-BUS is always a twisted pair.

Orange / black connect With Gray
Orange / brown combine with orange / brown.

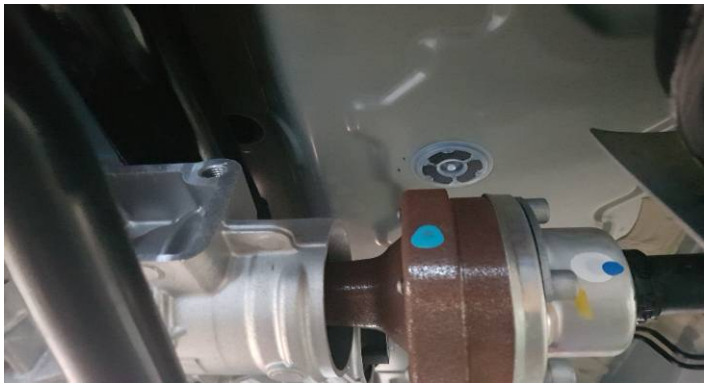


It is important that you press the adapters (Can-Bus connector) together with pliers so that the contact is made. Squeezing it tight is unfortunately not enough.



Perform a functional test before you reassemble the panels.

10.Can bus connection (variant 2 - only Q8 4M8)

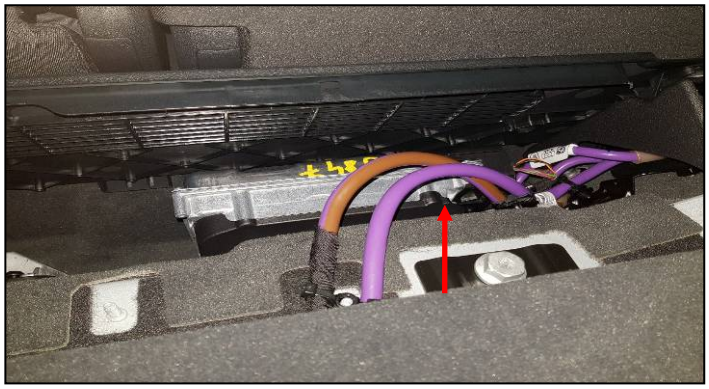


There is a control unit with a Can bus in the trunk in front of the rear seats. The grommet for this control unit is also very directly accessible from the outside and is therefore an alternative.

This means that no paneling has to be removed to connect the Can.



Remove the base cover. The end cover is only clipped on, below is the control unit mentioned.





Behind / next to it is the mentioned spout that leads to the outside.



Localize the CAN-BUS. black = CAN-HIGH
Orange / brown = CAN-LOW

Connect orange / black with black Connect orange / brown with orange / brown.





It is important that you press the adapters (Can-Bus connector) together with pliers so that the contact is made. Squeezing it tight is unfortunately not enough.

