Installation

Active Sound
Audi Q7 4L
Touareg 7L

MILLTEK

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1. Disclaimer

The content listed in this manual is created with greatest possible care. The Cete Automotive GmbH assumes no responsibility for the completeness, topicality and accuracy for the listed content. The use of content takes place at the user‘s own risk. Therefore we - the Cete Automotive GmbH - assume no liability and responsibility for damages and defects, which arise from operation or incorrect handling and maintenance.

2. Copyright

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3. Safety Instruction

The installation can only be fulfilled by trained specialists. The installation has to be done while the car‘s battery is unplugged. The usage of the Active Sound Unit is only applicable for the car models mentioned in this mounting guideline. The installation has to be done step by step as it‘s described in this mounting guideline. The Cete Automotive GmbH does not take responsibility for damages, caused through:

- improper installation
- the usage of unsuitable connectors
- installations in not mentioned car models

The producer reserves the right to change components without giving reasons Errors and omissions excepted.

4. General Information

We ask you to read this manual thoroughly and completely and uphold to the given instructions. During the development we focused on safety, ease of use, design, innovative development, etc, to guarantee a high quality product for the consumer. Despite the greatest care improper installation and using or incorrect operation can result in material damages. Depending on the product and its purpose it may be necessary to check the legal requirements of the country before commissioning. To receive consideration for warranty claims the product hast to be send back with its original package, the proof of purchase and an error description. Please note the returns policies. The warranty regulations apply. The warranty claim and the operating permit expire through: unauthorized modification of the product, own repairing, violent impacts, improper use, opening the case.

5. General Remarks

Please note, that the Active Sound System is not approved for road use.

The Images and Content shown in this installation guide only serve as a help for you. Please remove the covers according to the repair manual of the respective manufacturer.

6. CAN-BUS colors (key)

CAN-HIGH	Yellow/White
CAN-LOW	Yellow

CAN-HIGH	Green/White
CAN-LOW	Green

CAN-HIGH	Red/Blue
CAN-LOW	Red

CAN-HIGH	Yellow/Red
CAN-LOW	Yellow/Brown

CAN-HIGH	Orange/Black
CAN-LOW	Orange/Brown

7. Electronic Montage – for cars with air suspension



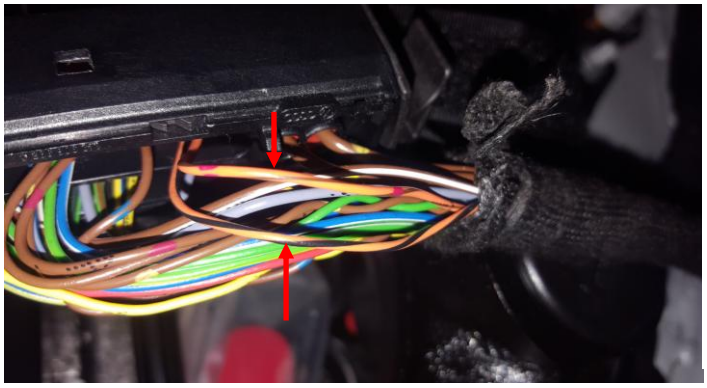
Step 1)
Open the trunk and remove the bottom covers.



Step 2)
Remove the tool kit in order to get access to the plug of the air suspension (plug on the right).



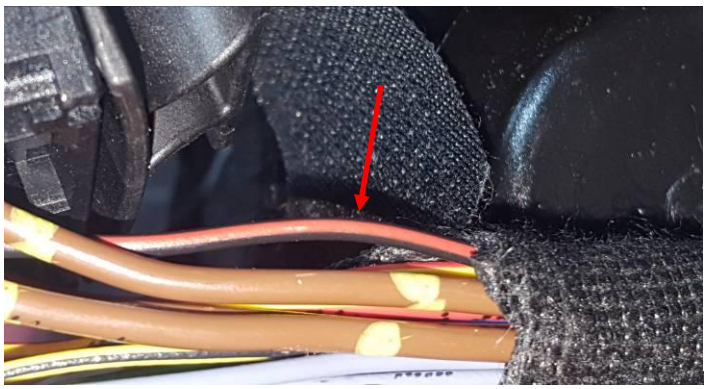
Step 3)
Remove the plug from the control module and open the lid.



Step 4) – CAN-BUS
Locate the CAN-BUS.
Orange/Black = CAN-HIGH
Orange/Brown = CAN-LOW

Solder these wires. Don't use wire-tap connectors for the CAN.

The CAN-BUS is always a twisted pair.



Step 5)
Please meter which wire has 12V after ignition (terminal15).

For example: The black wire with red stripes (Please make sure to meter the wire)

This wire can be located attached to the same control module.



Step 6)
Screw together the ground cable with the closest suitable ground connection station.



If your car isn't equipped with air suspension please continue with the next Step.

In this case the CAN-Bus can be located attached to the control module beneath the passenger seat.



Make sure to lay and strip it properly.

8. Electronic Montage – for cars without air suspension

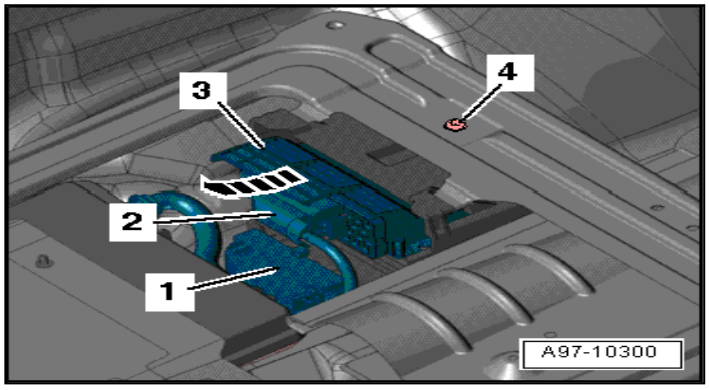


Step 1)
Open the trunk and remove the bottom covers.



Step 2)
Installation process ist he same as described for “cars with air suspension”, excepting the fact that the CAN-Bus can be located attached to the control module beneath the passenger seat

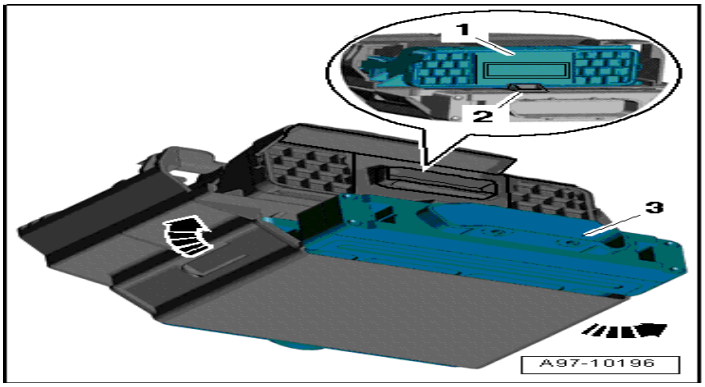
Please lay the wires forwards beneath the passenger seat.

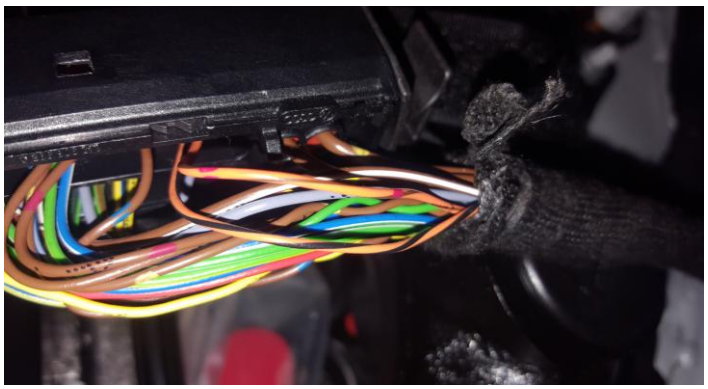


Step 3) – CAN-BUS
Locate the CAN-BUS.
Orange/Black = CAN-HIGH
Orange/Brown = CAN-LOW

Solder these wires. Don’t use wire-tap connectors for the CAN.

The CAN-BUS is always a twisted pair.





9. Appendix: Example images for the installation of the sound generator



Information
The picture shows a suitable installation position for the actuator. Avoid welding the upper side of the actuator. This could damage it. Furthermore welding shouldn't take place for too long because of the warmth, since the actuator shouldn't get to hot.
If you want to install the sound generator in the exhaust system, this happens on your own responsibility.



Alternatively you can install the sound generator behind the ESD depending on the exhaust system.

This is your decision and depends strongly on your facilities.















