

Installation

Active Suspension Control

Factory Air Suspension Lowering

Porsche Macan



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1. Disclaimer

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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 Suspension Control 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 has 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 Suspension Control is a vehicle requiring official approval product. Please register this product as soon as possible.

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. Technical Specifications

Productname: Active Suspension Control

Operating temperatur: -40 °C - 85 °C

Operating Voltage: 7 V - 20 V

average consumption: 250 mA

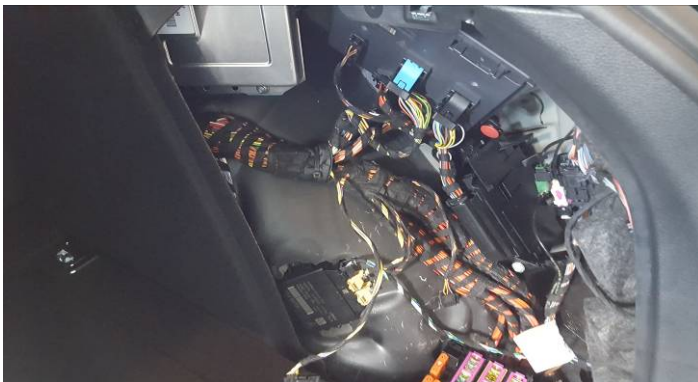


7. Preparation



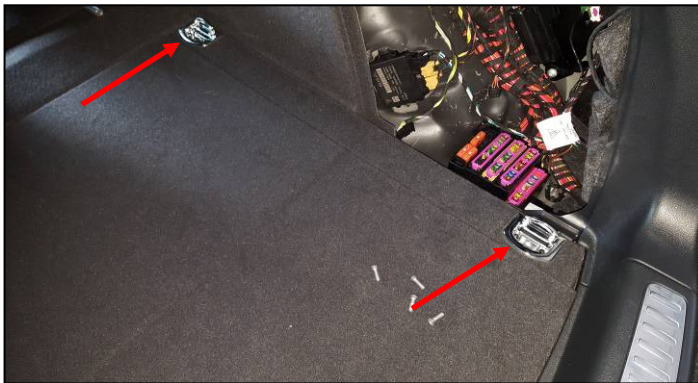
Step 1)

Please open the rear trunk.
The Control Units is behind the right cover.



Step 2)

Please remove the right cover slightly and take care of connected wires.



Step 3)

Please remove the Torx screws of the holders to be able to remove them fully.



Step 4)

Please slightly lift up the centre cover of the rear trunk.

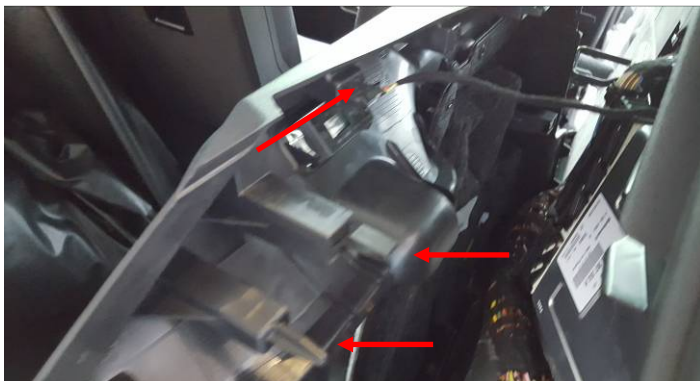
It is usually hold by clips. Take care, that they are fully removed before you reinstall it later.

Some Models does also have screws inside of the trunk, please ensure yourself.



Step 5)

Please remove the right rail part.



Step 6)

Now you are able to remove the full cover on the right site. It is clipped. Take care about connected wires.

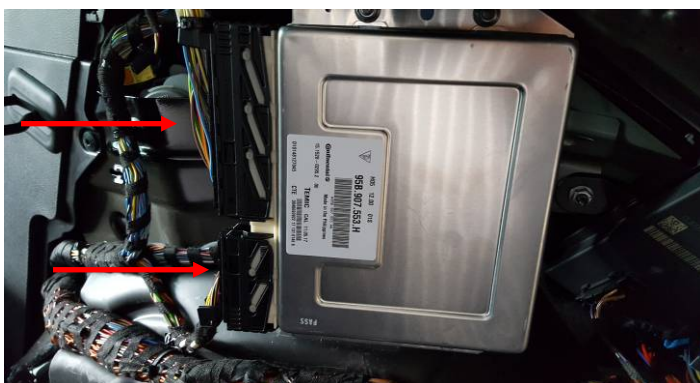


Step 7)

Please locate the suspension control unit.

There are two connectors:

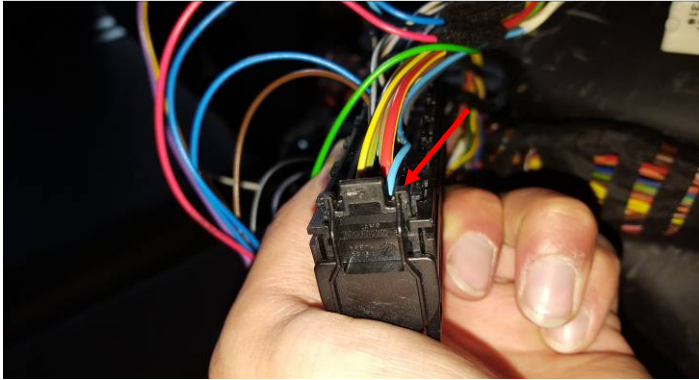
- a) 48 pole
- b) 30 pole



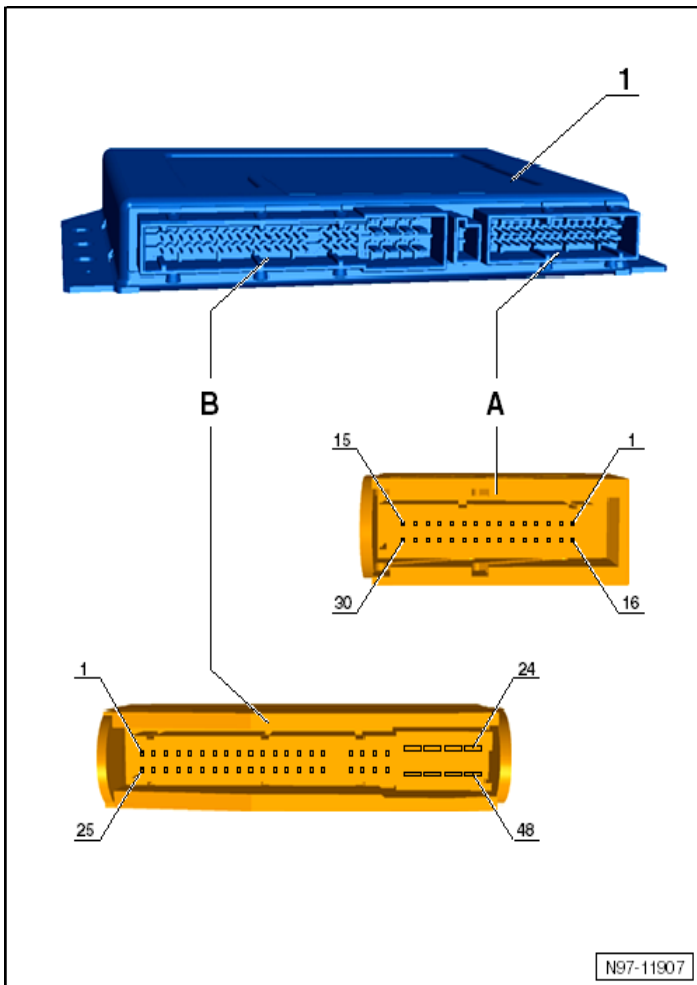
Step 8)

Please unplug the specific connector and remove the secure Insertion.

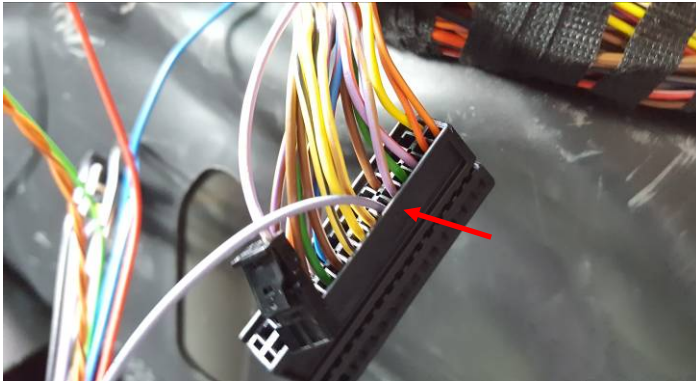
This one sits very tuff, so try to remove it with a tool.



On this picture you can see the secure tab removed.



8. T30a – 30 pole Connector



Step 1)

Please UNPIN **Pin No. 6** and insert instead our **Red/White** wire.

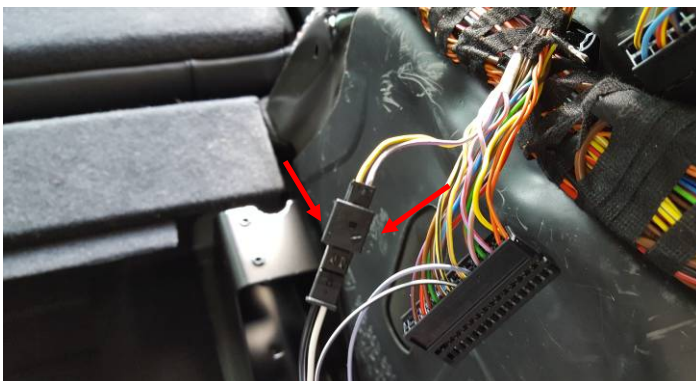
The original wire from Pin 6 goes into one empty 2-pin Housing into **Pin No. 2**



Step 2)

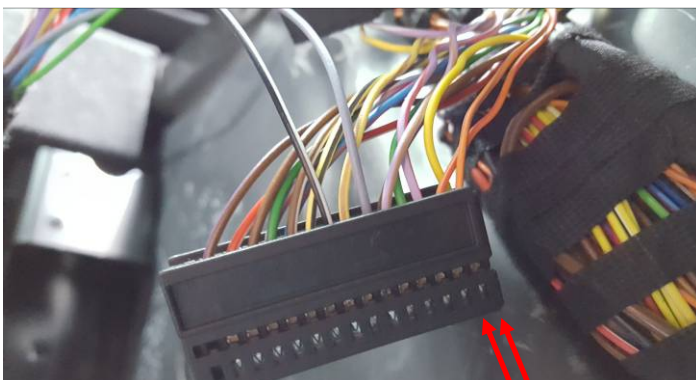
Please UNPIN **Pin No. 8** and insert instead our **Black/White** wire.

The original wire from Pin 8 goes into the previous used 2-pin Housing into **Pin No. 1**



Step 3)

Please connect now the 2-pin housing with the male opposite with the wires **white + black**.



Step 4)

Please go the same way with the can-bus. These are orange/black + orange/brown.

Please connect as followed:

Orange/Brown to Orange/Brown

Orange/Red with Orange/Black

9. T48b – 48 pole Connector



Step 1)

Please UNPIN **Pin No. 12** and insert instead our **Green/White** wire.

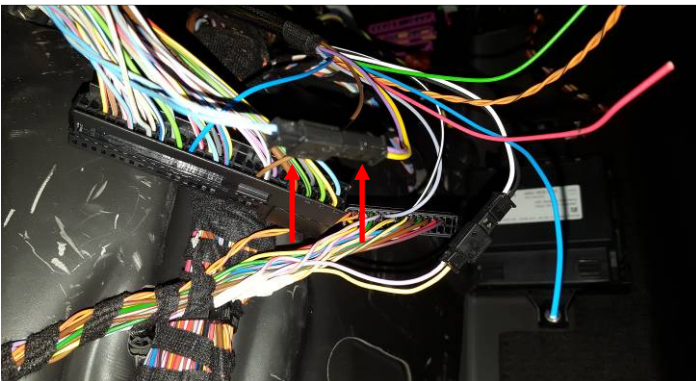
The original wire from Pin 12 goes into one empty 2-pin Housing into **Pin No. 2**



Step 2)

Please UNPIN **Pin No. 18** and insert instead our **Blue/White** wire.

The original wire from Pin 18 goes into the previous used 2-pin Housing into **Pin No. 1**



Step 3)

Please connect now the 2-pin housing with the male opposite with the wires **blue + green**.

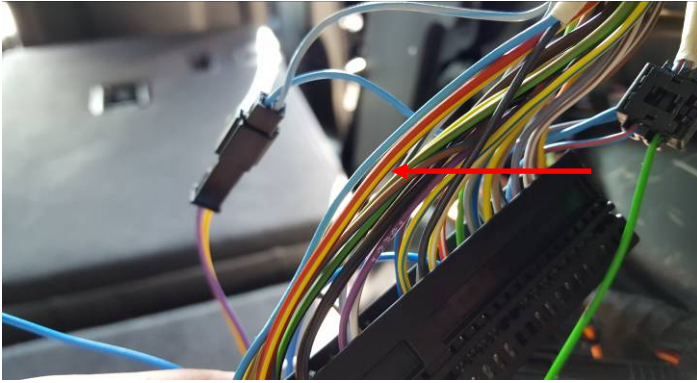


Step 4)

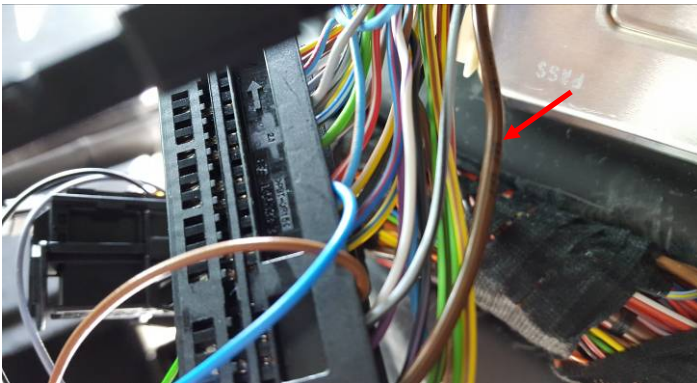
Please UNPIN **Pin No. 6** and insert instead our **purple** wire.

The original wire from Pin 6 goes into one empty 2-pin Housing into **Pin No. 1**

Please connect now the 2-pin housing with the male opposite with the wire **purple**.



Step 5)
Please solder the red wire to the car's wire red/yellow.
(12V).



Step 6)
Please solder the brown wire to the car's brown wire.
(Ground).

Insert the Secure tab into the connectors and connect them back to the ECU.

Close the doors and try to lower the car with the smartphone application.

If everything works without errors in the dashboard, you can reassemble the car's covers.