

INSTALLATION MANUAL

Audi SQ7(4M) 435PS



14110769

The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements. The product must be appropriately inserted around dangers for persons and things to exclude and a perfect and safe function mode to ensure. Here to have it the fitting instruction including the safety references carefully to read.

Control before the installation of the Chiptuning box the completeness of the parts belonging to the scope of supply.

Scope of supply:

Mixes	Designation
1x	Chiptuning Box
1x	Cable loom
1x	Jumper plug 24polig
1x	Cabel straps



- 1.They scolded the ignition before the installation out!
- 2.Take the ignition key off!
- 3.Lock you all vehicle doors!
- 4.Do not open the vehicle doors during the installation!
- 5.Wait afterwards before the installation at least 5



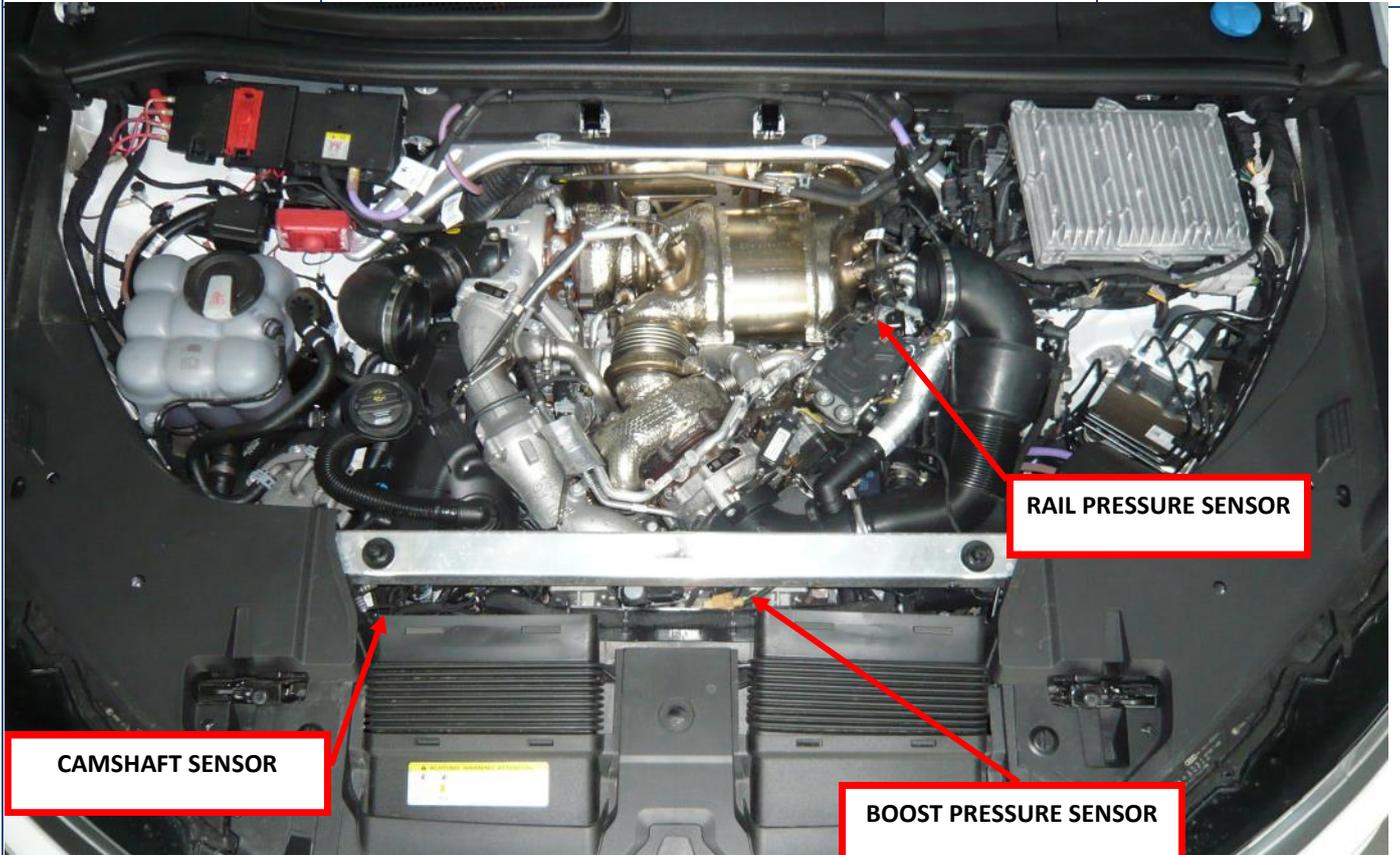
In order to avoid damages at electronic vehicle components, you guarantee please before installation of electronics that you seize suitable measures for electrostatic unloading. Brew electronics absolutely **heat, water** and **vibration**. Do not take change in the Tuning kit forwards (like an extending or a shortening of the wiring harness etc.).

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Overview:

The Chiptuning box is attached to the following points:

- Rail pressure sensor
- Boost pressure sensor
- Camshaft sensor
- Power supply

Necessary tools:

- screwdriver
- Side cutter
- 10er / 17er Ring key

Preparation:

- Move the individual strands of the cable loom to the associated plug connectors
- Put the necessary tool for the side (if needs)
- Put the mounting material to the side

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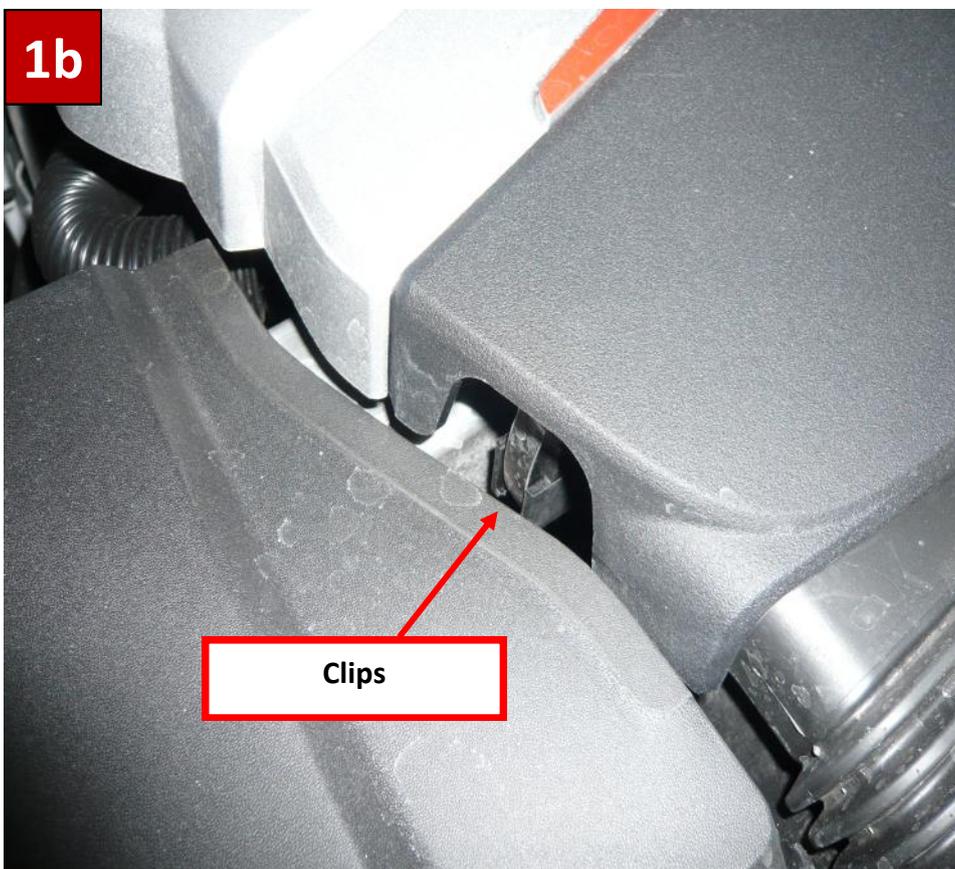
1a



1. Preparation

You must remove the motor cover before you can start the installation.

1b



The engine cover is only attached with clips.

Release clips

Carefully pull the engine cover upwards

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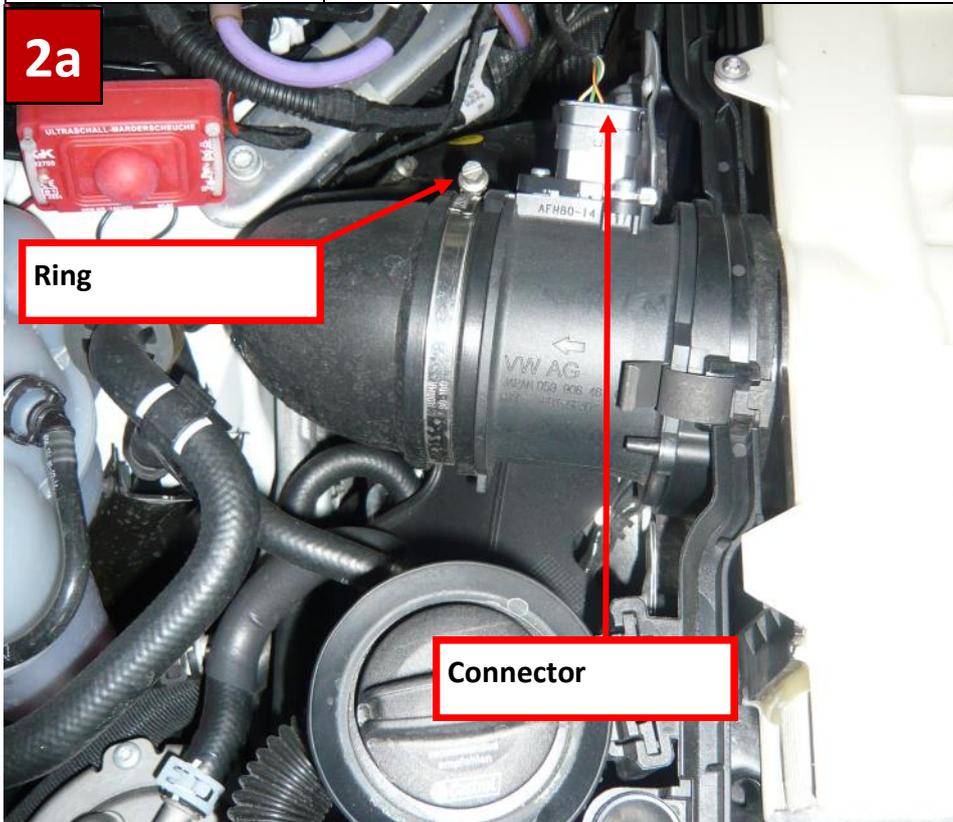
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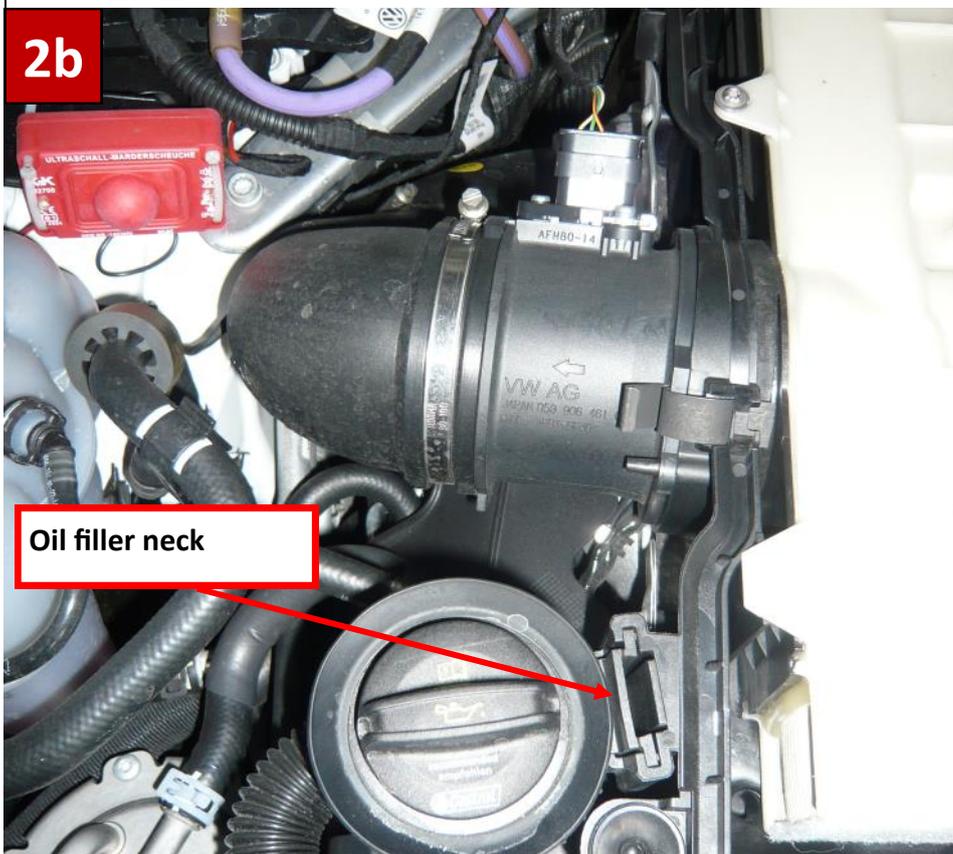
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2. Remove air filter

Loosen the clamps of the air filter box on both sides.
Disconnect the air flow meter connector left and right.



Loosen the oil filler neck



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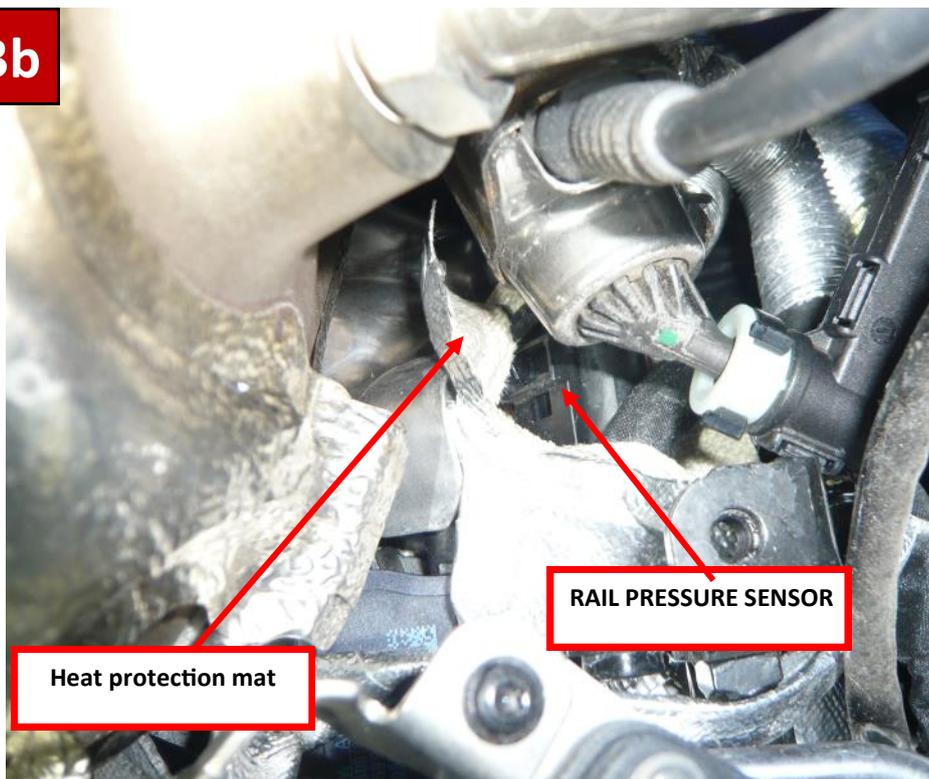
3a



3. RAIL PRESSURE SENSOR

RAIL PRESSURE SENSOR is under the heat protection mat

3b



Disconnect the plug from the rail pressure sensor.

Attach the rail pressure sensor plug to the new loom

Connect the plug of the new loom to the rail pressure sensor

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5a



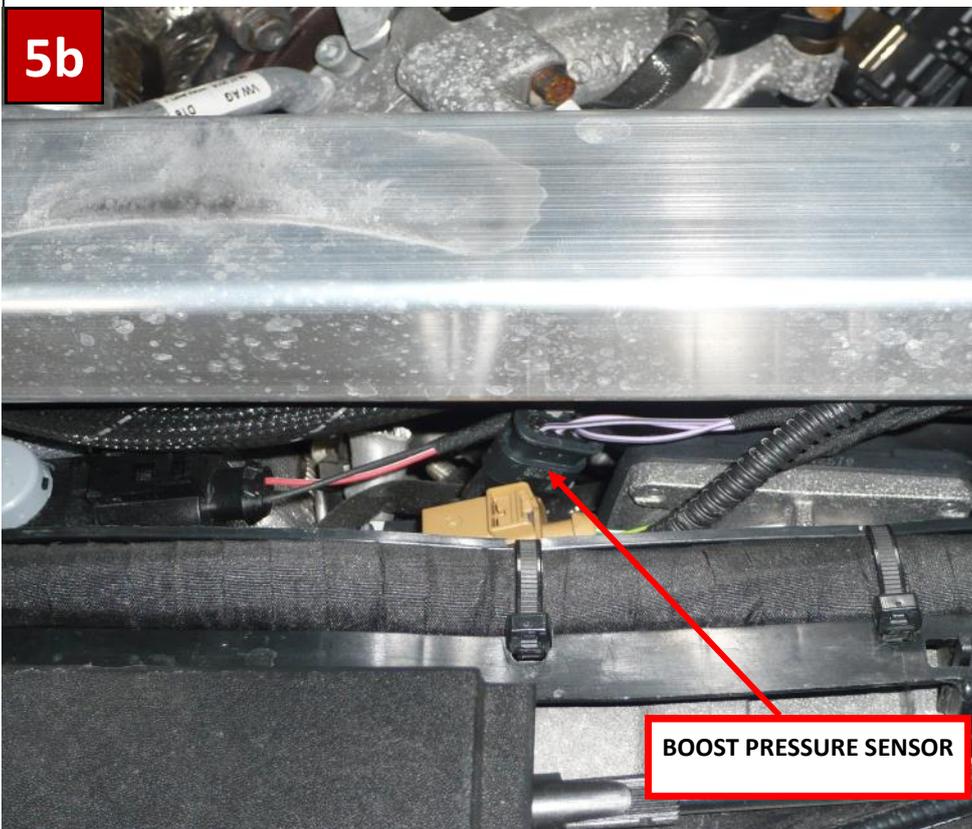
5. Boost pressure sensor

Disconnect the plug from the Boost pressure sensor.

Attach the Boost pressure sensor plug to the new loom

Connect the plug of the new loom to the Boost pressure sensor

5b

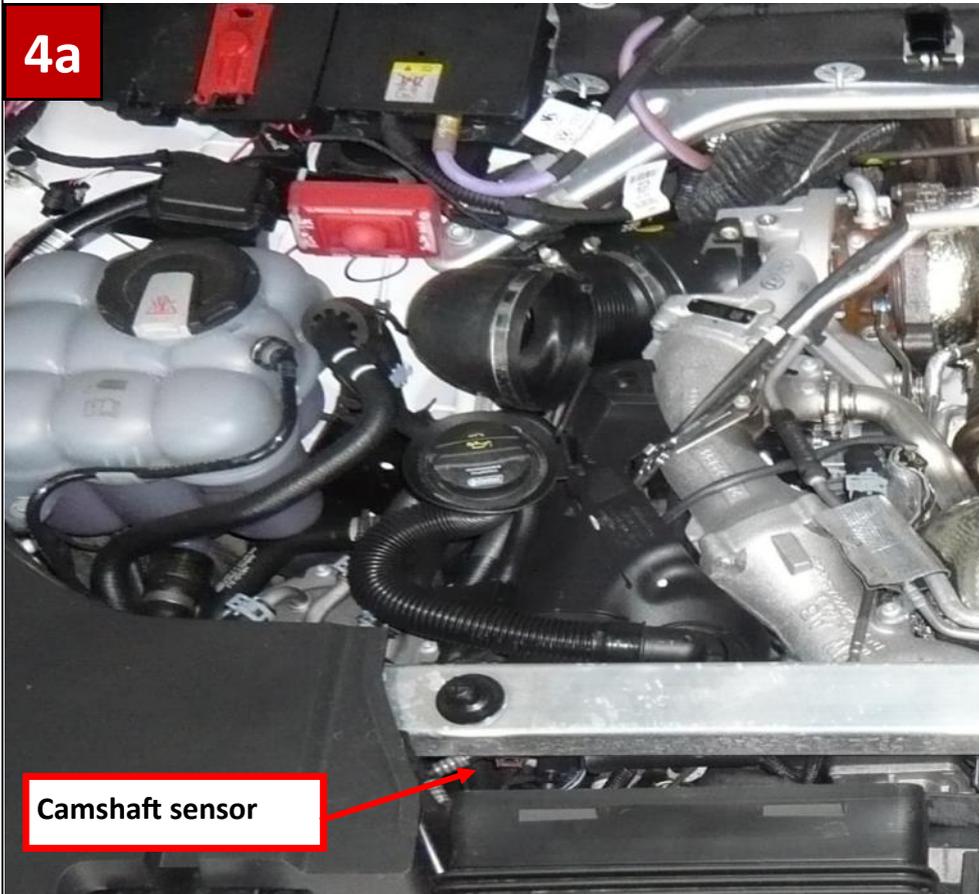


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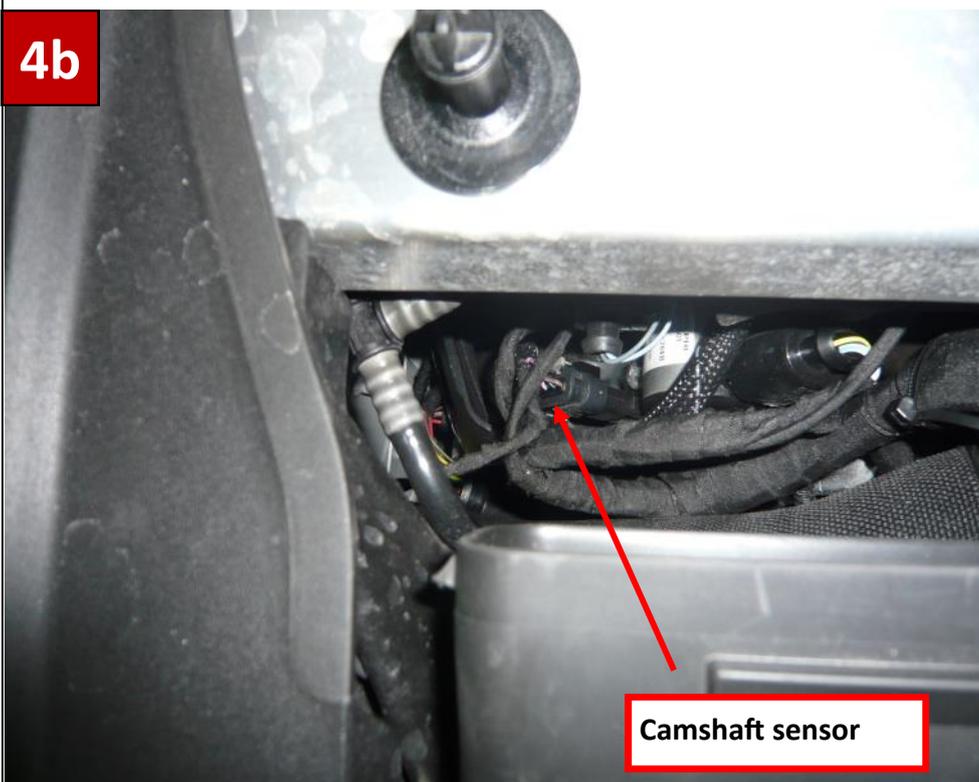


4. Camshaft sensor

Disconnect the plug from the Camshaft sensor.

Attach the Camshaft sensor plug to the new loom

Connect the plug of the new loom to the Camshaft sensor



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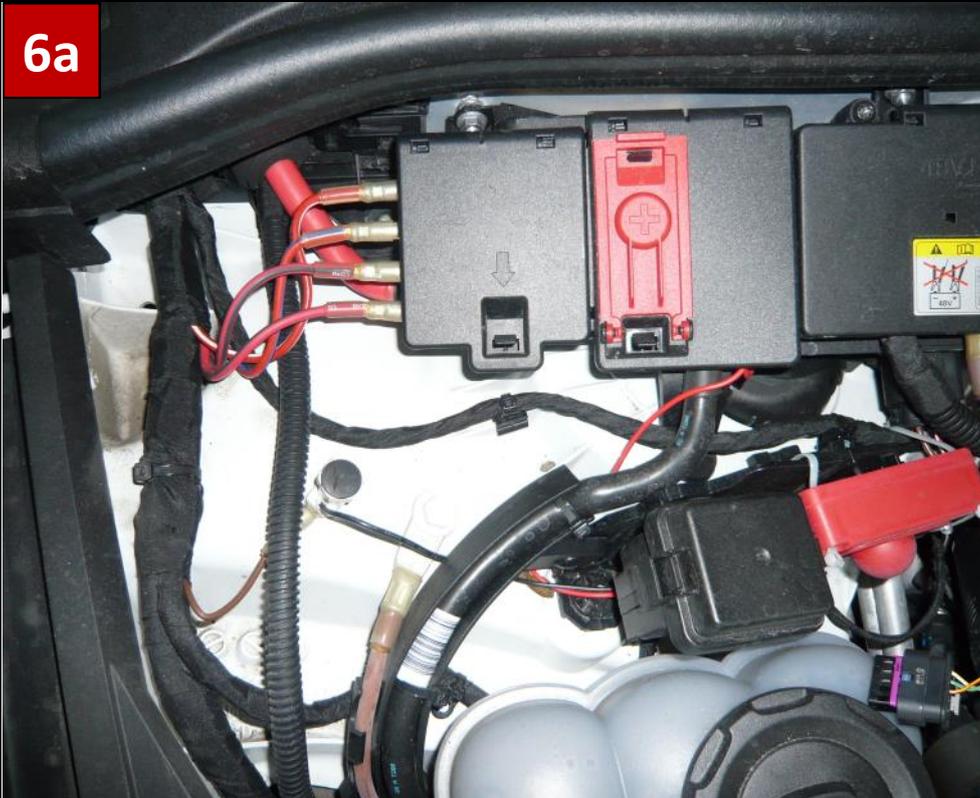
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6a

6. 12V power supply



6b

Positive pole

Ground point

Connect the red wire of the supplied harness to the positive terminal of the battery.

Connect the black wire of the supplied wire harness to the ground point of the battery.

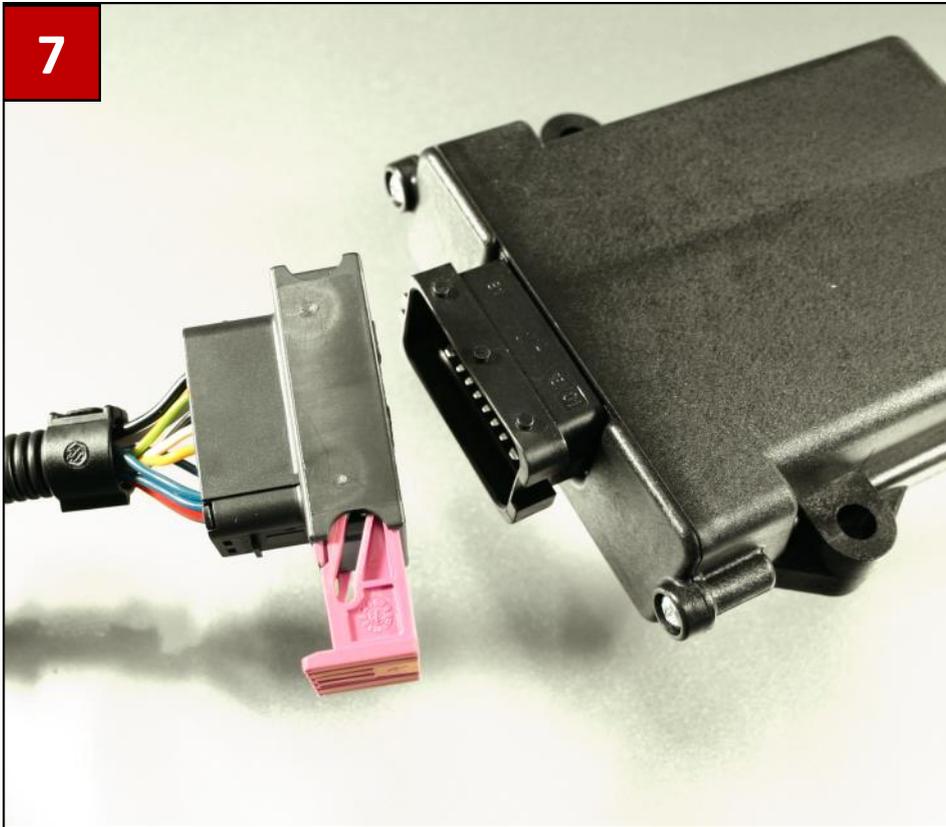
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7



7. tuningbox

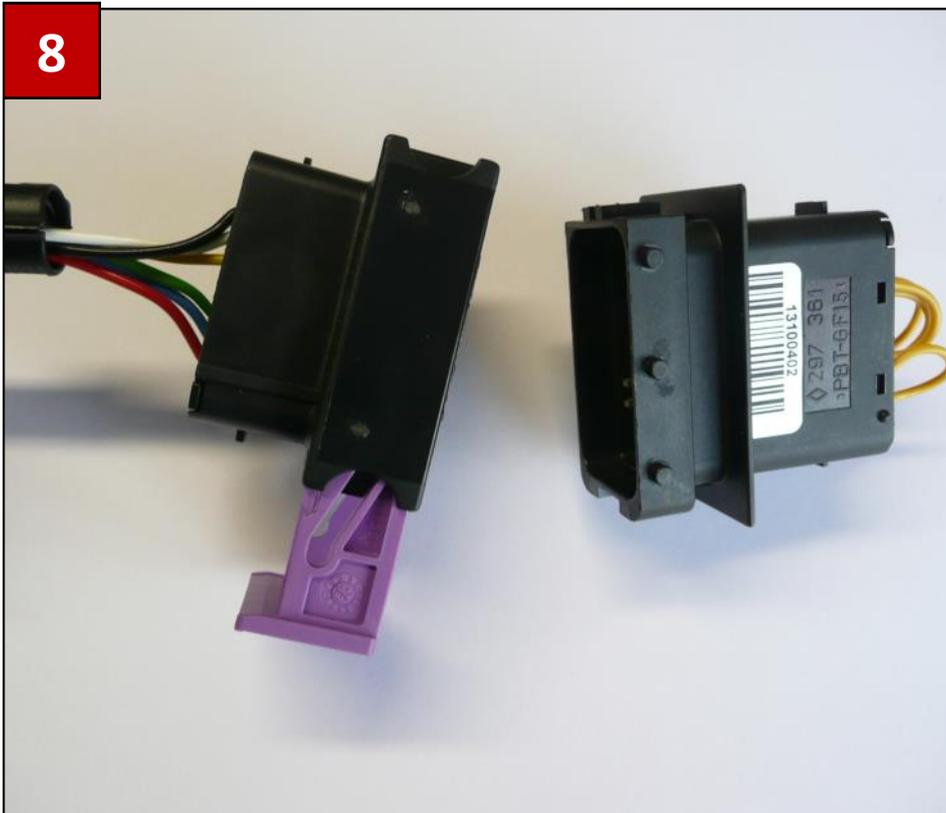
Finally install the cable towards a suitable position

The plugs must be engaged, so that a safe connection is ensured

Fix the cable with cable ties

Connect the tuningbox to the new loom

8



8. jumper plug

By using the jumper the vehicle is put in the original condition.

As soon as you connect the cable loom with the jumper plug the car is in original condition.

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FAQ

Error Description:

How to fix this error:

Engine doesn't start

Please check the plug-in connection of the affected sensors, make sure that all sensors are plugged in properly.

Make sure that the 12V power supply is connected correctly, if available.

Unplug the chiptuning box, plug the bridge connector, and then check whether the error persists.

Engine „jerky“

Check all connections, have you plugged in a plug incorrectly or is it not properly locked?

Car goes immediately into limp mode

Have you removed one of the plugs under current? (Open the hood, close the doors, close and wait for 5 minutes)

Please check the wiring harness.

Unplug the box, insert the bridge connector, and then check whether the error persists.

Car without power increase

Make sure you are on the correct plugs.

Please check the goods for possible damages and compare the item number on the box with the one in the webshop.

Only gasoline: Make sure you have fueled the right fuel with min Super Plus (98 RoZ) or a higher quality.

Strong soot development in the engine

Only after consultation, change the chip tuning box down by the rotary coding switch by 1 to 2 steps.

If you have a chiptuning box with app, set it to "ECO".

Engine has misfire

Please unplug the chiptuning box and plug the bridge plug.

Then try again to see if the error still occurs.

