Installation instruction

VAG 3.0 TFSI
331KW/450 PS

14110829

The product described in the guidance was developed, manufactured and controlled considering the necessary safety reguirements.

The product must be installed properly to ensure a proper function and avoid danger for persons and things.

Please read this installationguide inclusive safety instructions carefully.

Scope of supply:

Quantity	**article**
1x	Tuningbox
1x	Loom
1x	Bridge plug
1x	Fastening kit

1.Open the hood.

2.Turn the ignition off!

3.Remove the ignitionkey!

4.Close and lock all doors!

5.Do not open any doors while installing the tuningkit!

6.Wait 5 minutes before beginning the installation

In order to avoid damages at electronic vehicle components, you have to be sure that you have done all necessary methods for **electostatic discharge** .

Install the electronic in an **waterproof, heat** and **vibrationless** place. Do not make any changes at the tuningkit!

Do not expand or shorten the loom.

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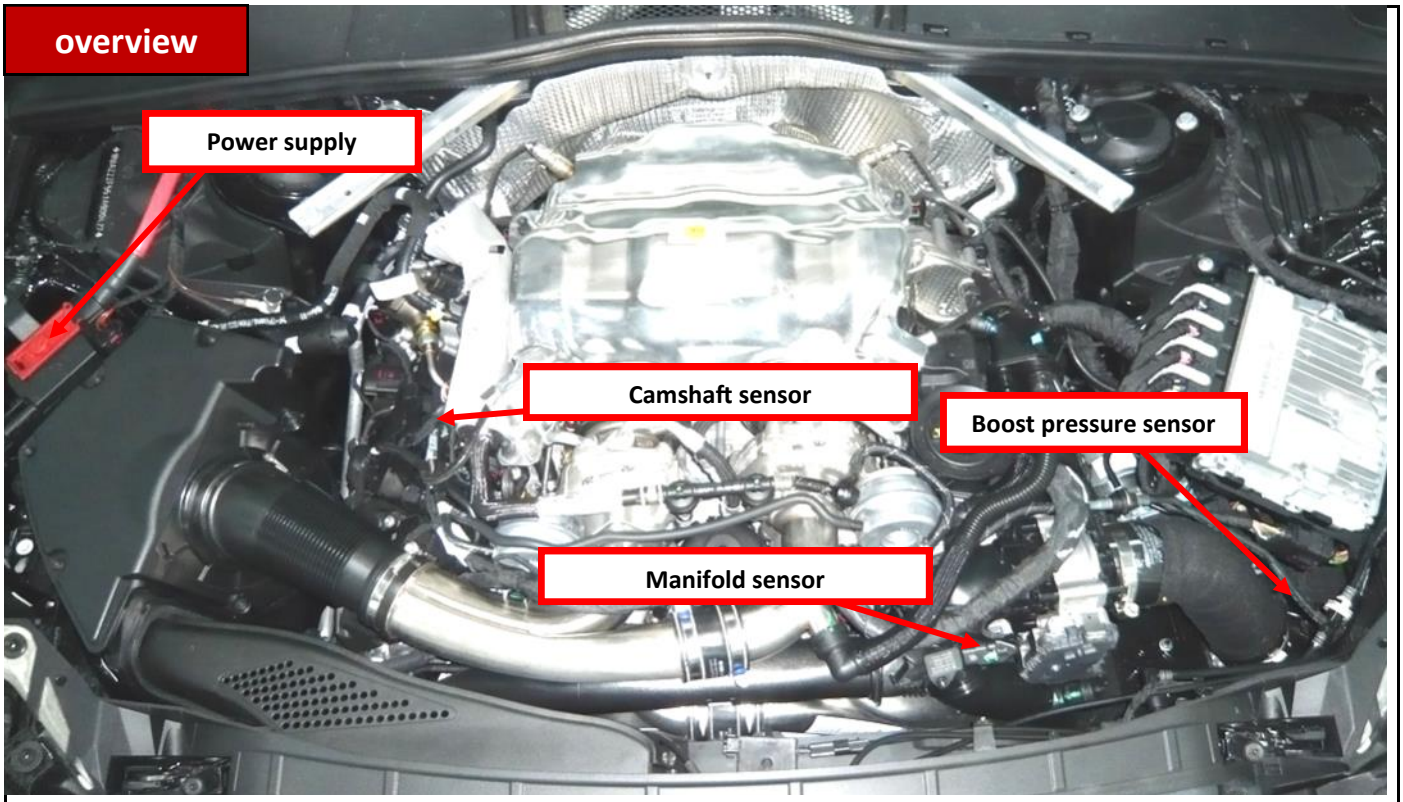
overview



Overview:

The tuningkit has to be attached to the following points:

- **Boost pressure sensor**
- **Manifold sensor**
- **Camshaft sensor**
- **Power supply**

Required tools:

- **Cutter, Ratchet with extension (13 and 17)**

Preperation:

- Move the individual strands of the loom to the associated plug connectors
- Put the required tools by your side (if needed)
- Take the fastening material at your side
- ***To get the maximum power enhancement , you have to use „super plus“ (98 ROZ)***

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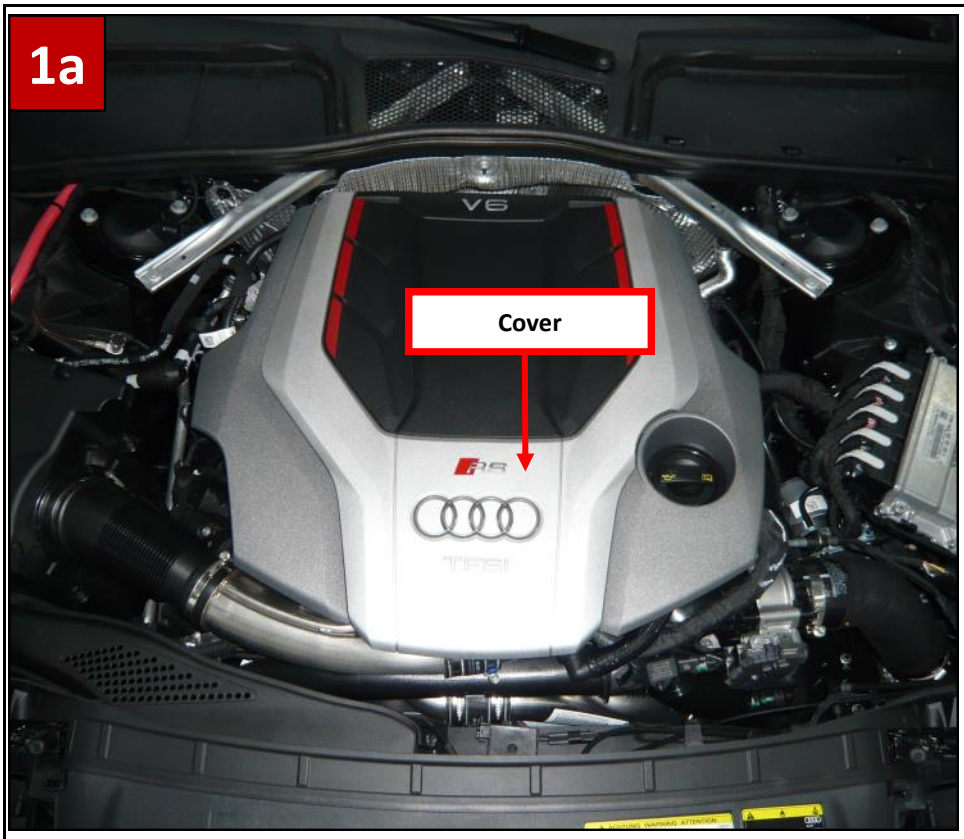

1. Preparation

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

The engine cover is only attached with clips

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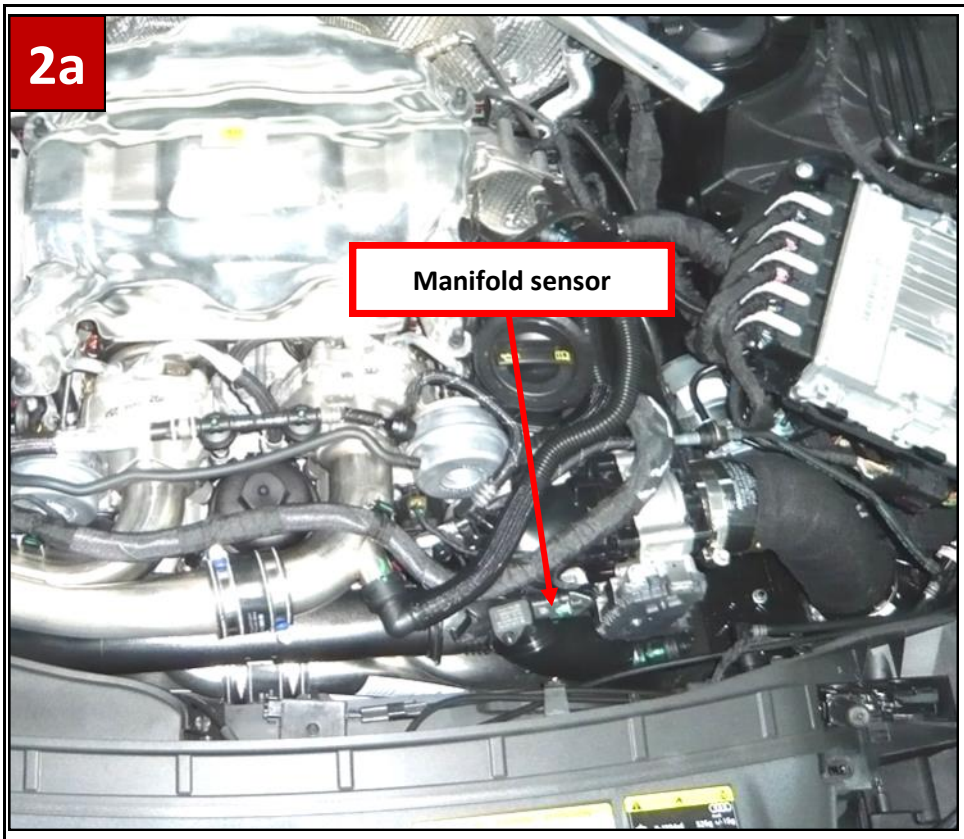
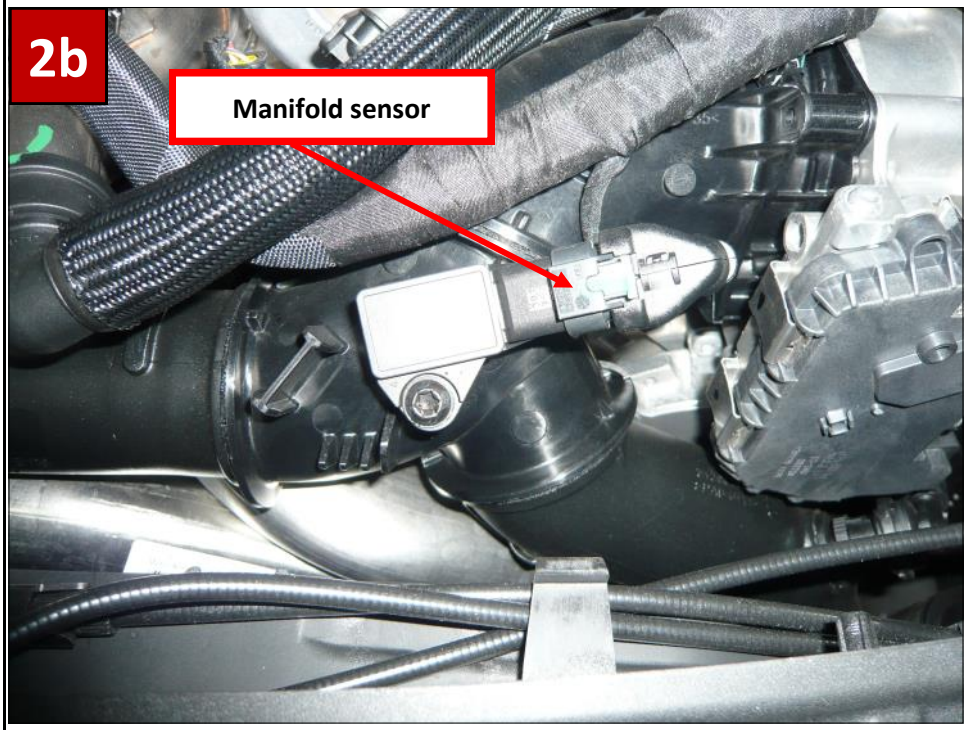


2. Manifold sensor

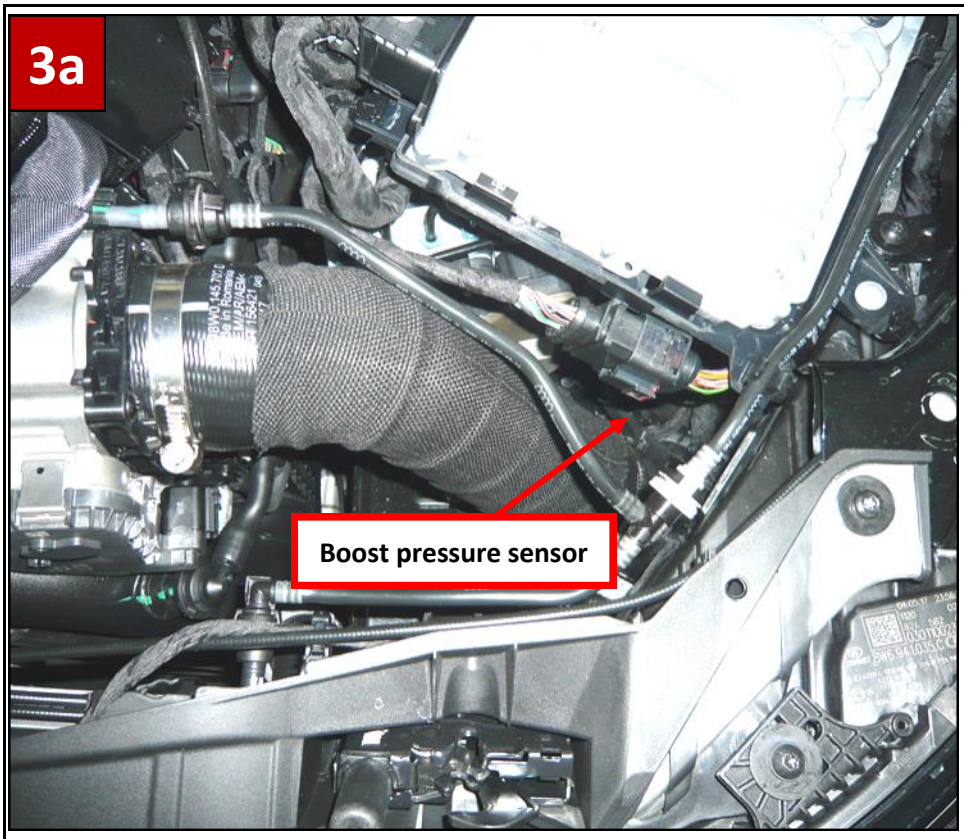
Disconnect the plug from the manifold sensor.

Attach the manifold plug to the new loom.

Connect the plug of the new loom the manifold sensor.



3a



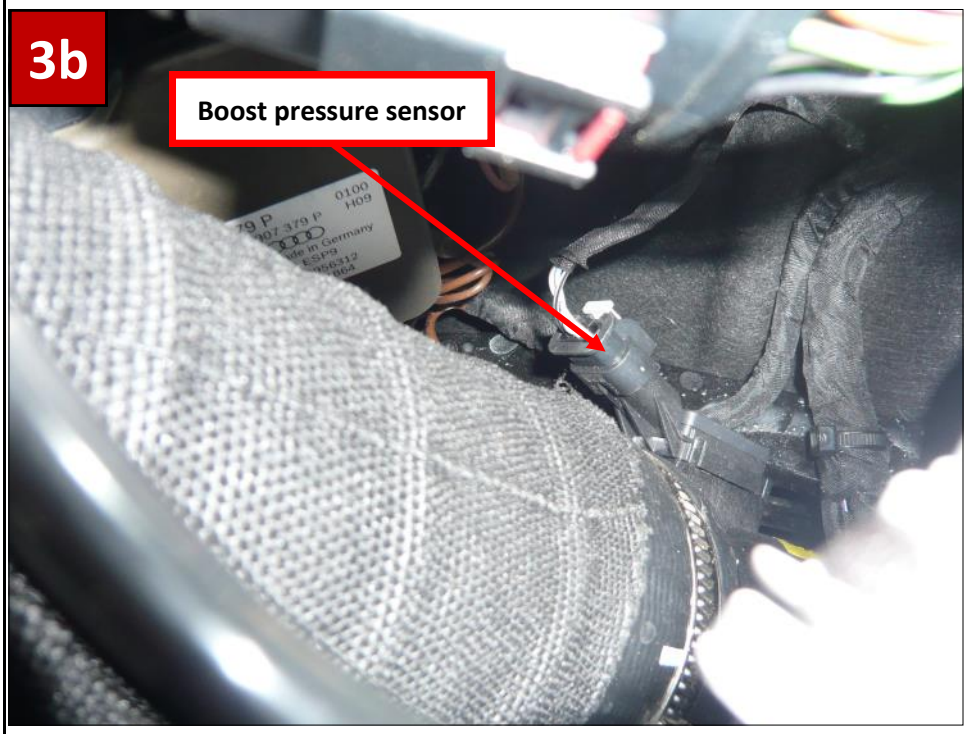
3. Boost pressure sensor

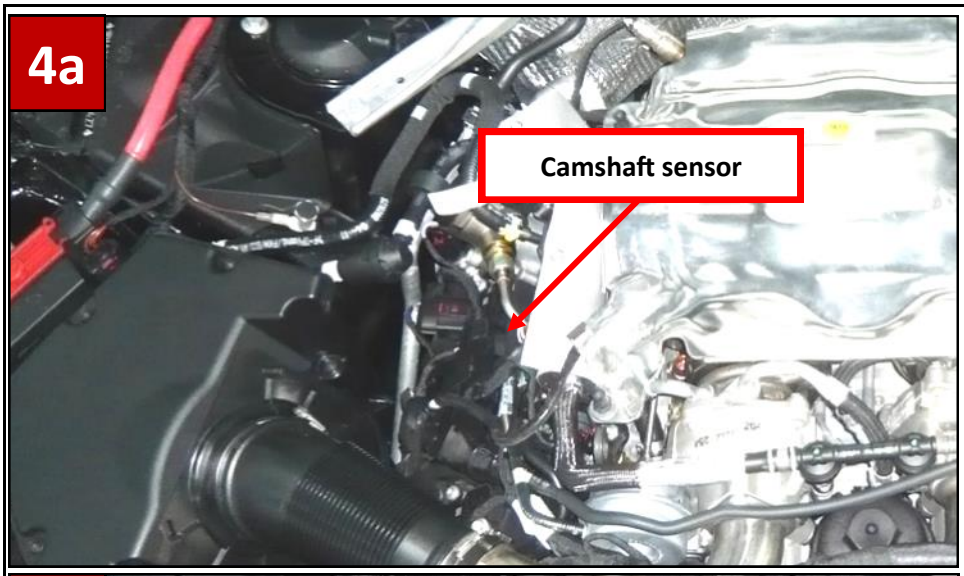
Disconnect the plug from the boost pressure sensor

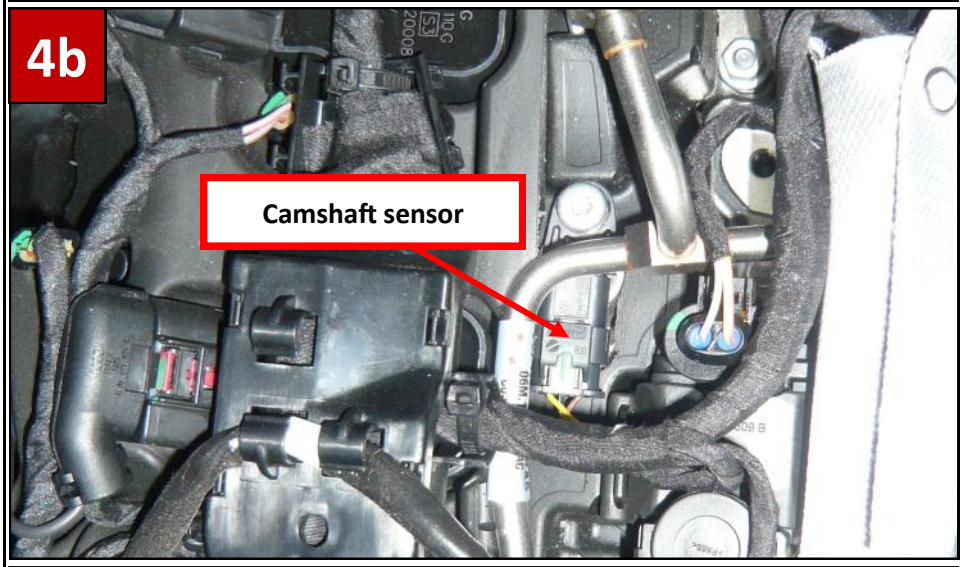
Attach the boost pressure plug to the new loom

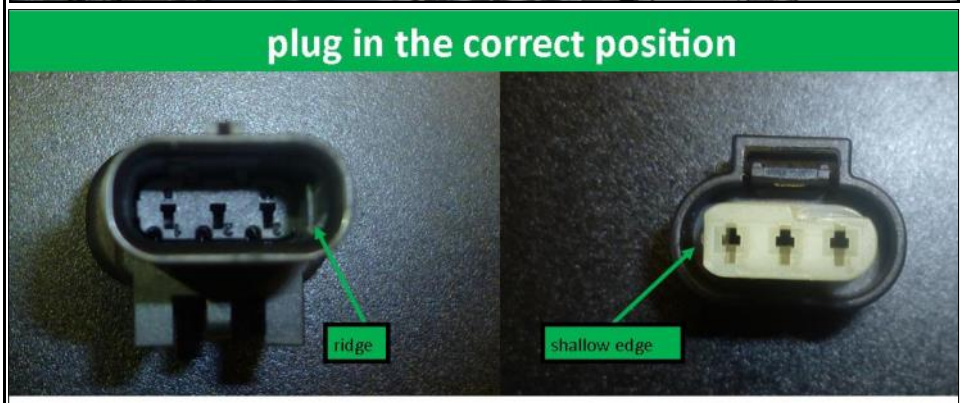
Connect the plug of the new loom the boost pressure sensor.

3b









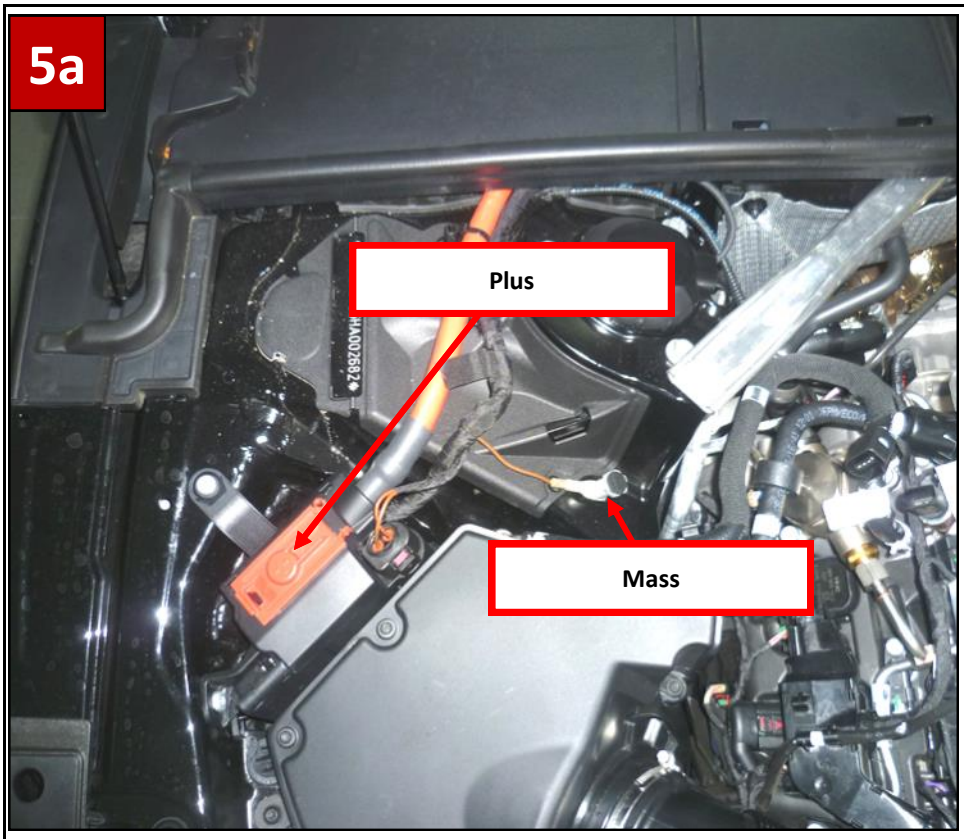
- The plug must be as show on the picture will be with the shallow edge on the side of the ridge.
- With some higher force, it is possible to push the plug with the round side on the ridge!!!

4. Camshaft sensor

Disconnect the plug from the camshaft sensor

Attach the camshaft sensor plug to the new loom

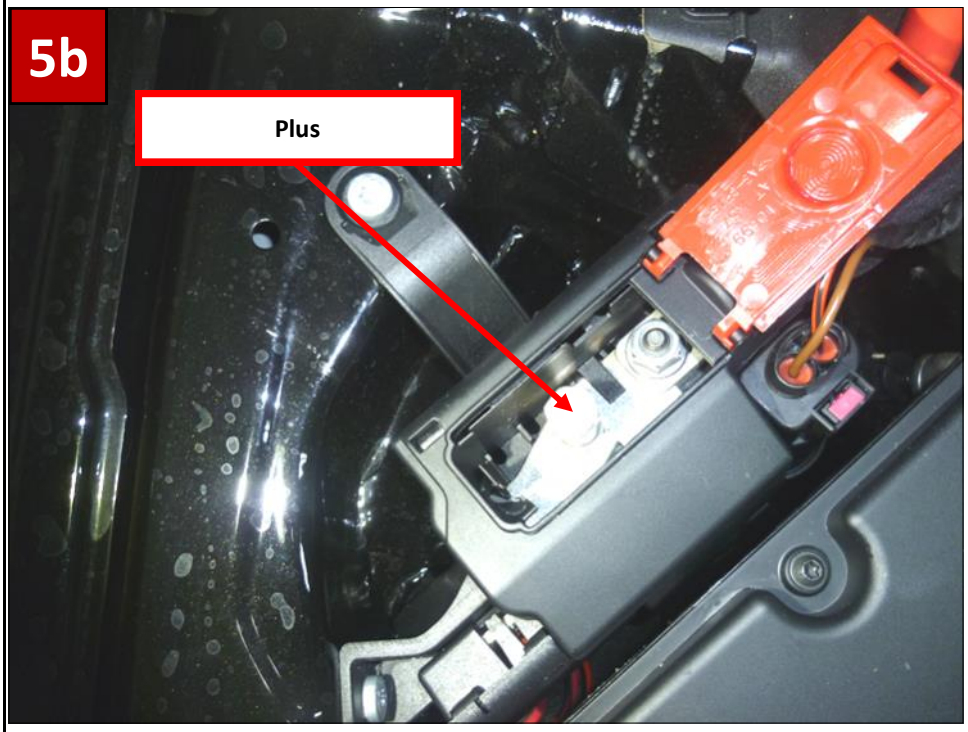
Connect the plug of the new loom to the camshaft sensor



5. Power supply

Connect the red cable of the new wiring harness to the marked positive pole.

Connect the black cable of the new harness to the negative (ground) of the car.



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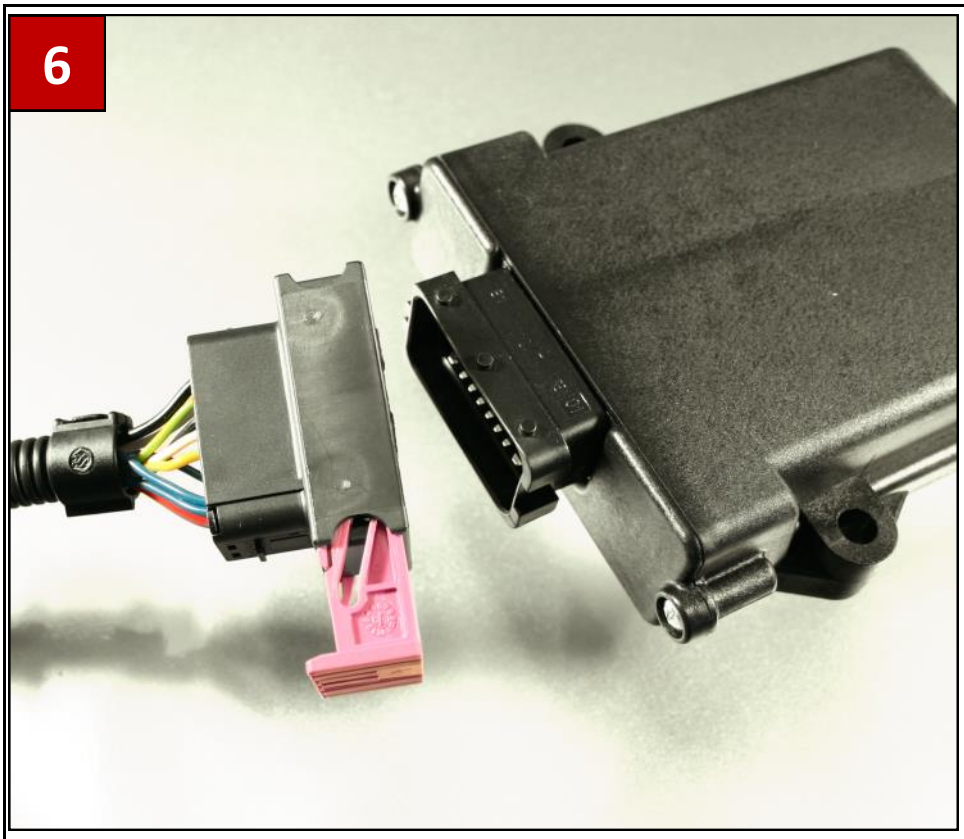

6. tuningbox

Finally install the cable towards a suitable position

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

Fix the cable with cable ties

Connect the tuningbox to the new loom

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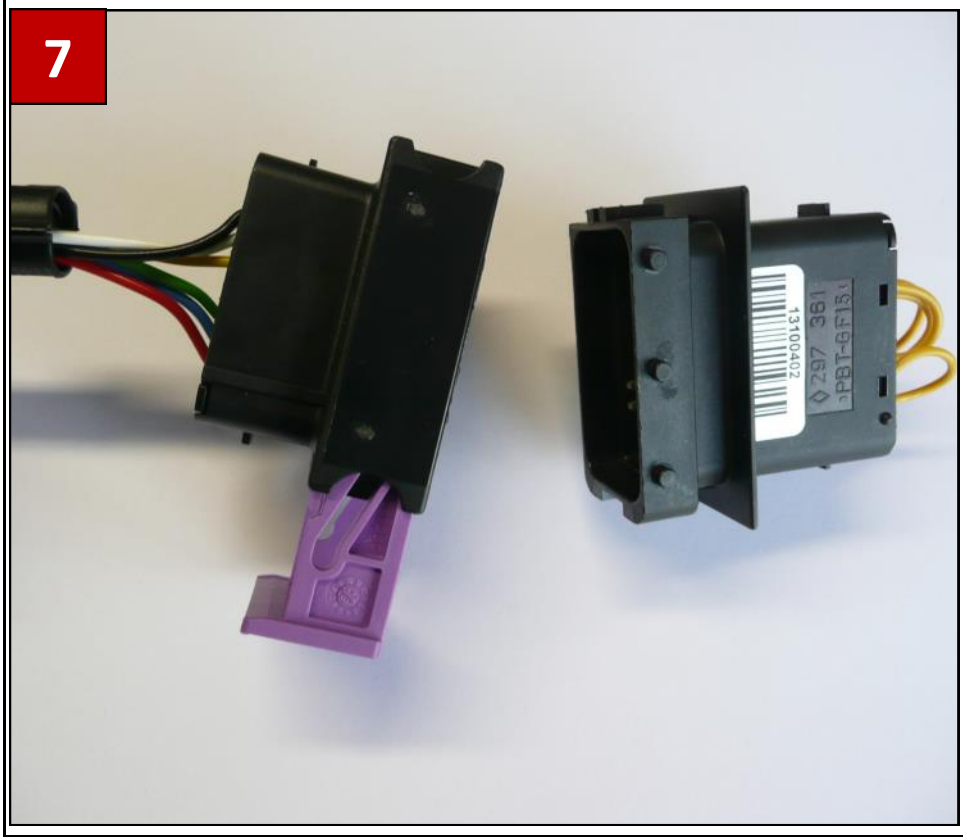

7. jumper plug

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.

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.

Notice

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