

INSTALLATION

Porsche 4.0T
500 kW / 680 PS



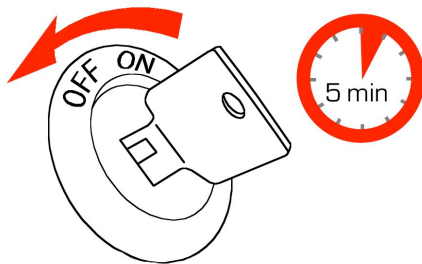
The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements.

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	Chiptuning Box
1x	Loom
1x	Bridge plug
1x	Fastening Kit



1. Open the hood.
2. Turn the ignition off!
3. Remove the ignition key!
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 **electrostatic discharge** .

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

Do not expand or shorten the loom.

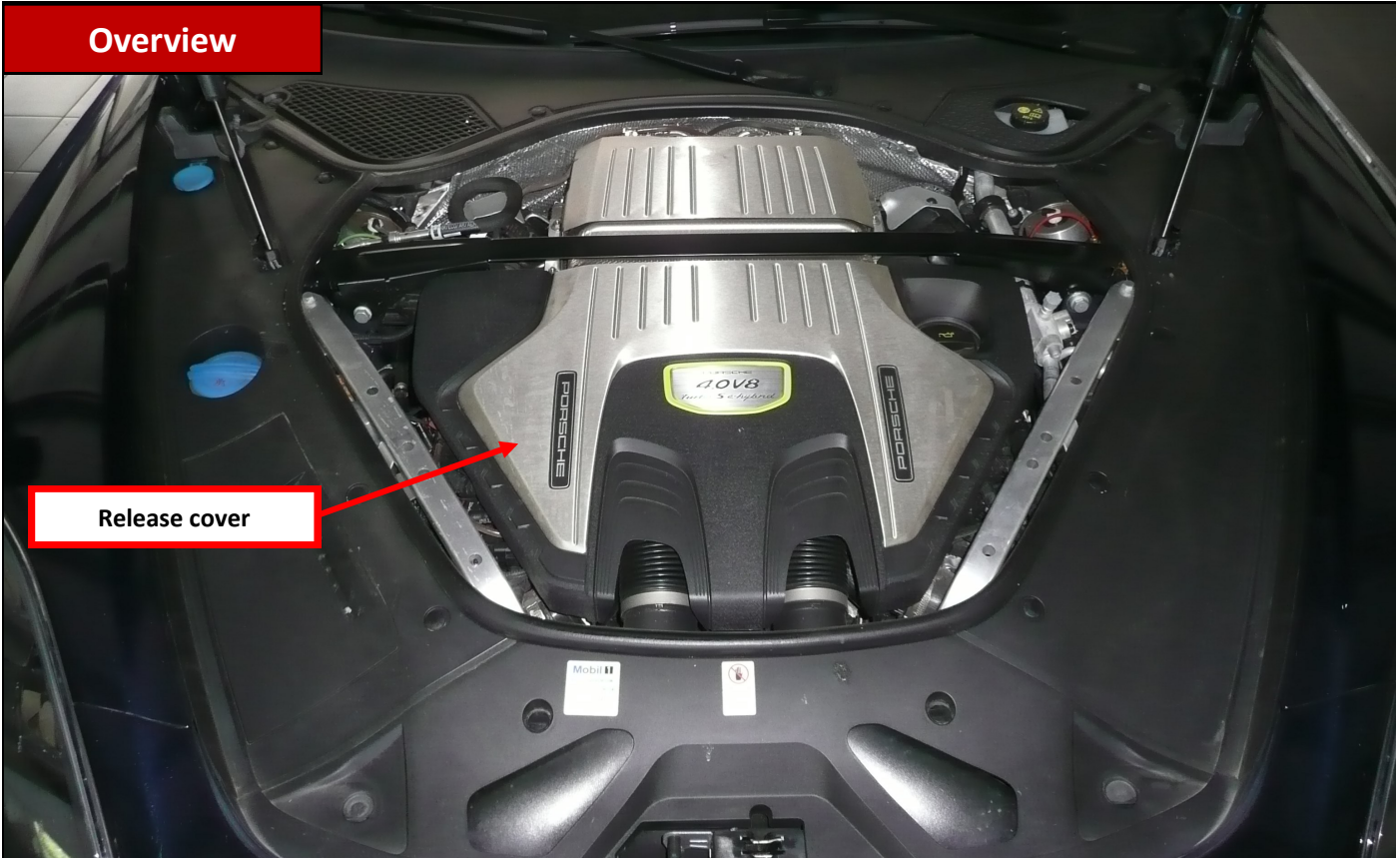
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Overview



Installation by a specialist workshop (recommended)

We recommend that the installation of the power increase be carried out by a specialist workshop.

The position of the sensors is difficult to access.

We are happy to call you a service partner in your area.

Preparation:

Simply release the cover to release the sensors.

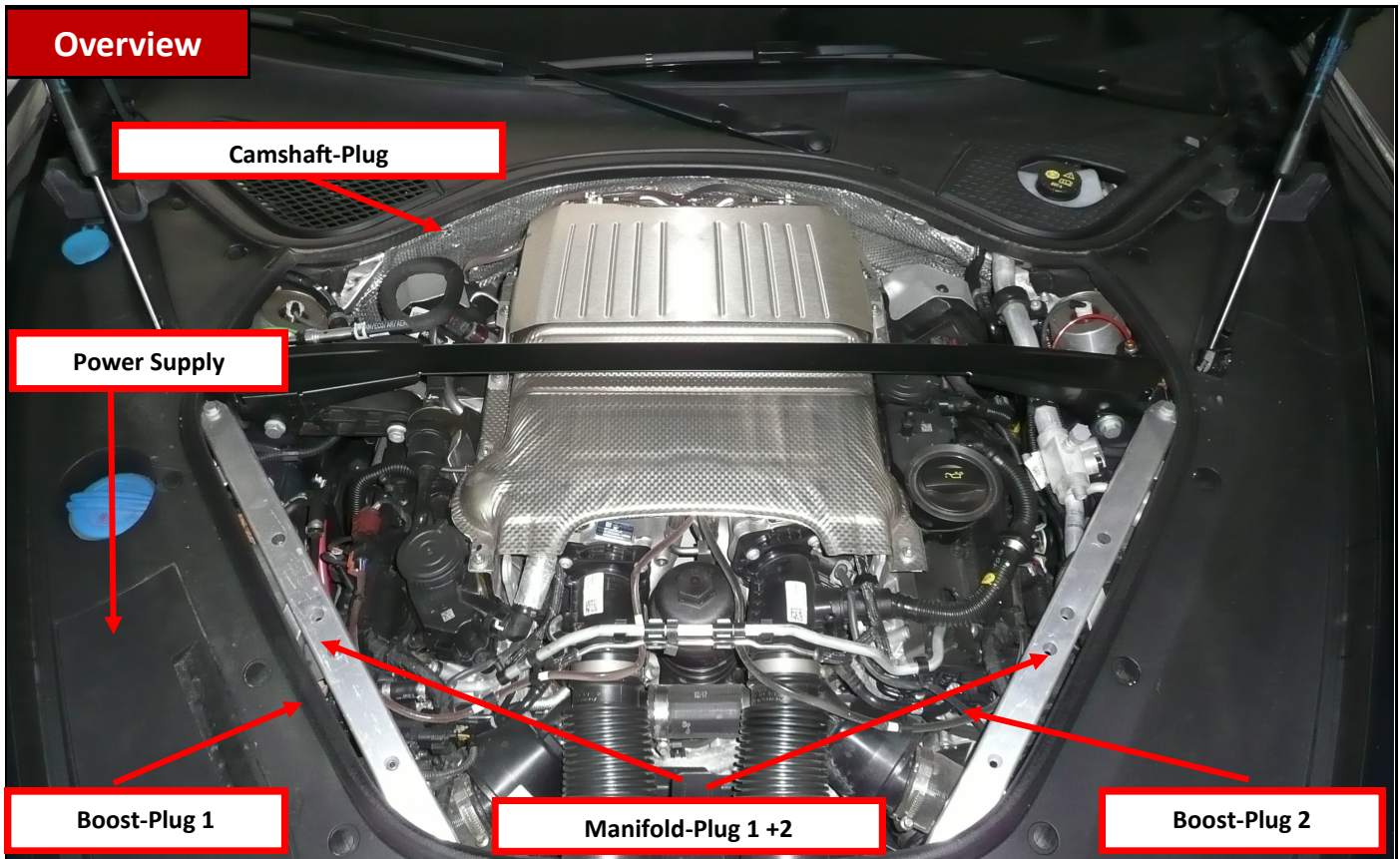
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Overview



Overview:

The chip tuning box will be connected to the following points:

- **Boost-Plug 1 + 2**
- **Manifold-Plug 1+ 2**
- **Camshaft-Plug**
- **Power-Supply**

Required tools:

- **Ratchet with extension (13er, 17er)**
- **Side cutter**

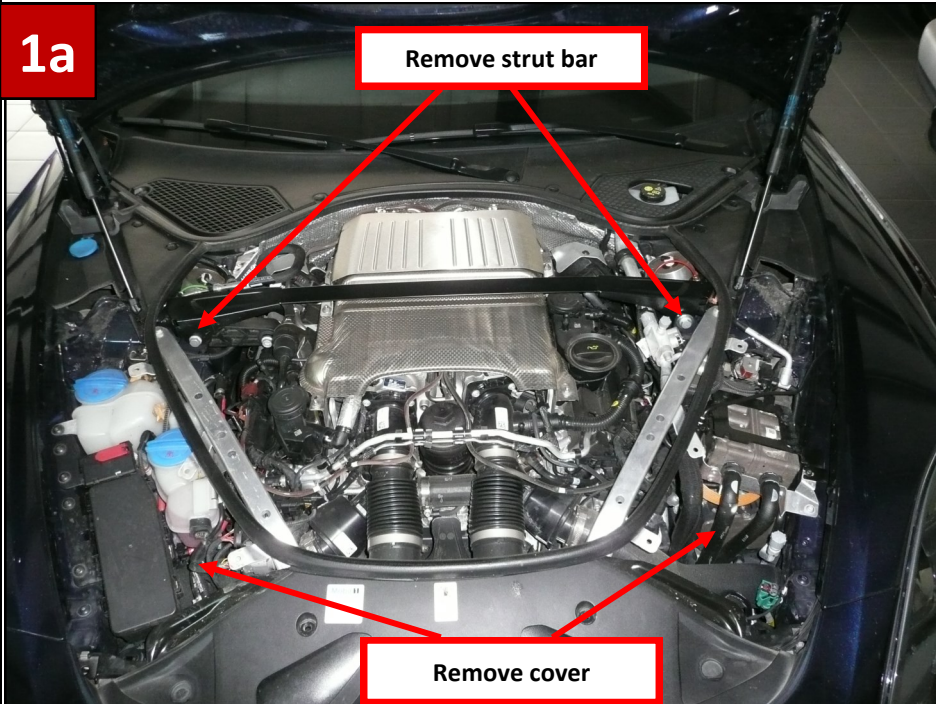
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1a



1. Preparation

Before you can begin the installation, you must remove the engine cover.

To do this, loosen the screws on the left and right of the strut bar. Then the strut bar can be folded away to the right or left.

The engine cover is only attached with clips

1b



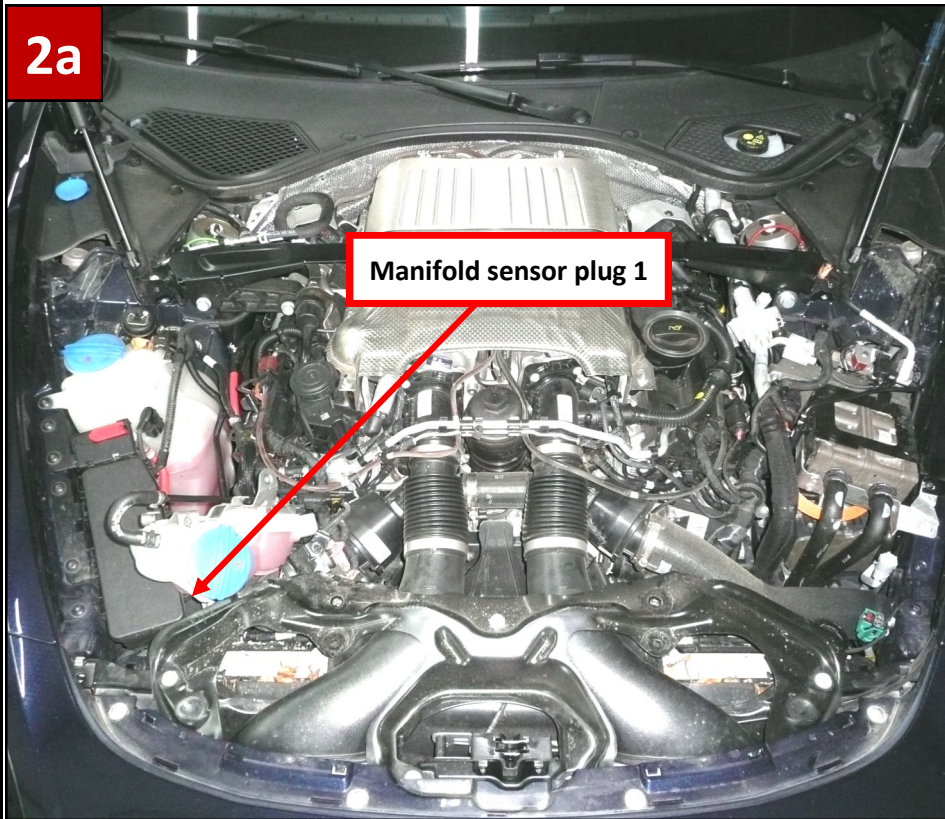
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2a

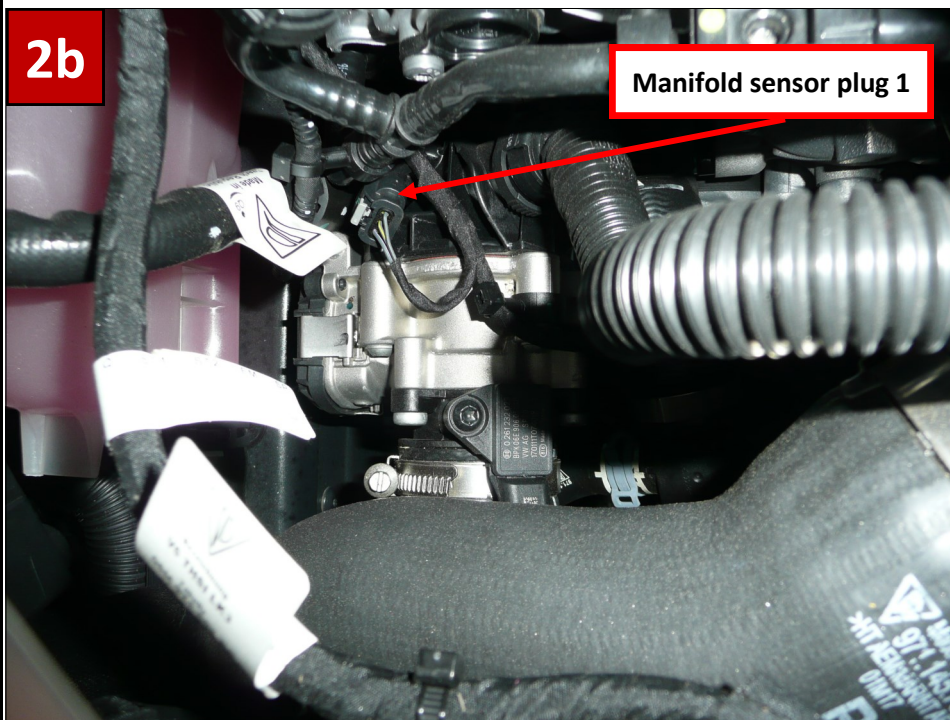


2. Manifold 1

Disconnect the plug from the inlet manifold sensor1. Attach the manifold sensor plug to the new loom.

Connect the plug of the new loom to the manifold sensor1.

2b



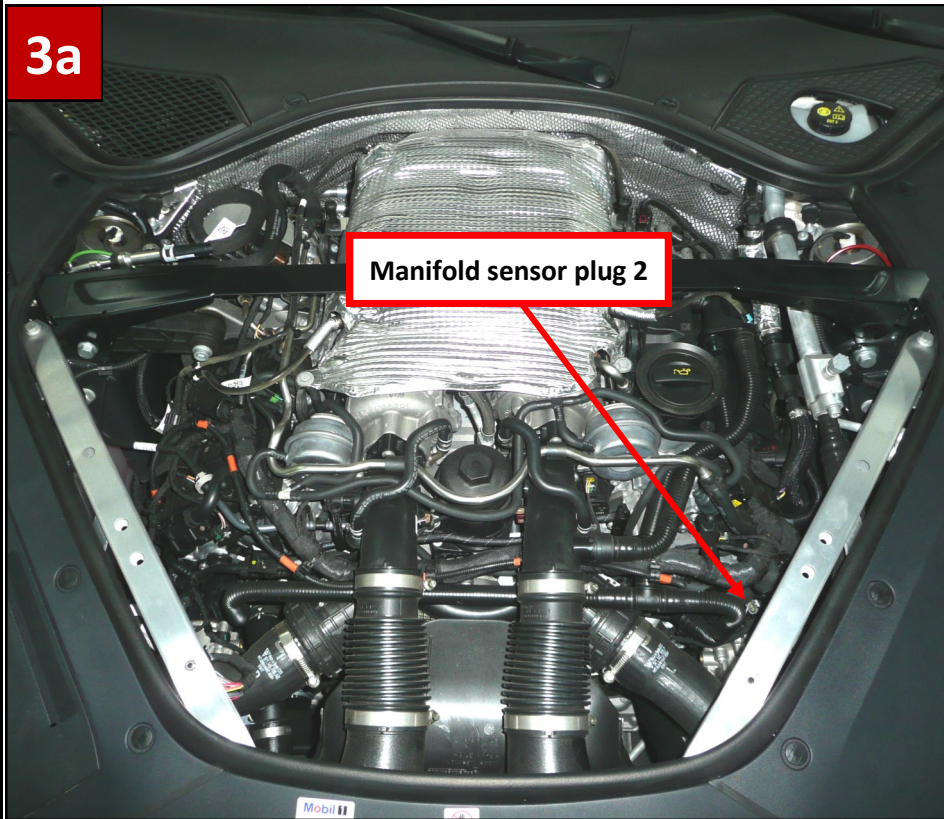
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3a

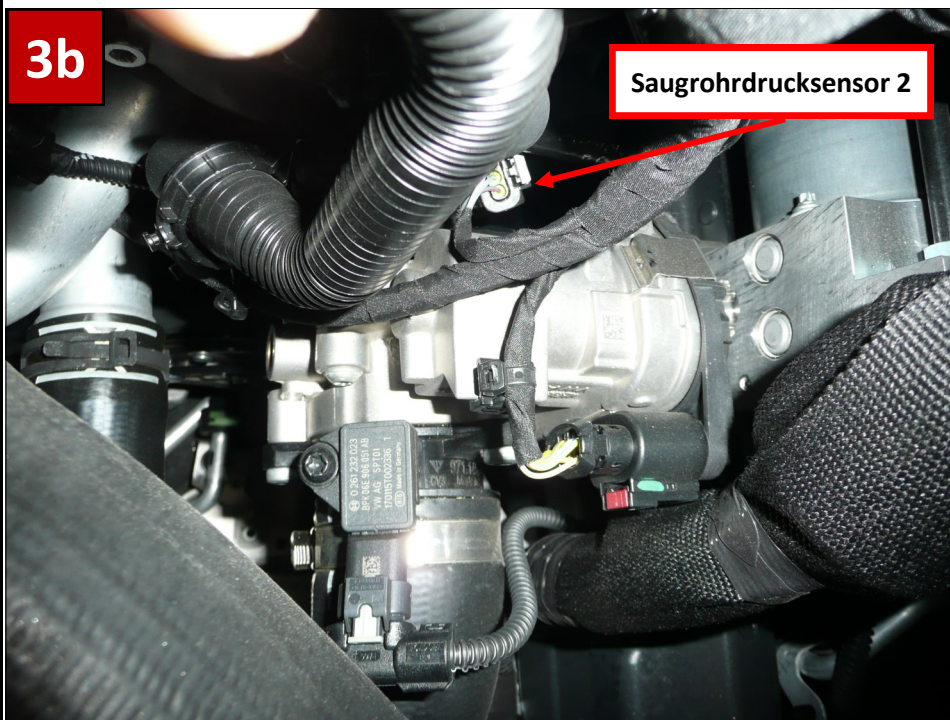


3. Saugrohrdrucksensor 2

Disconnect the plug from the inlet manifold sensor2. Attach the manifold sensor plug to the new loom.

Connect the plug of the new loom to the manifold sensor2.

3b

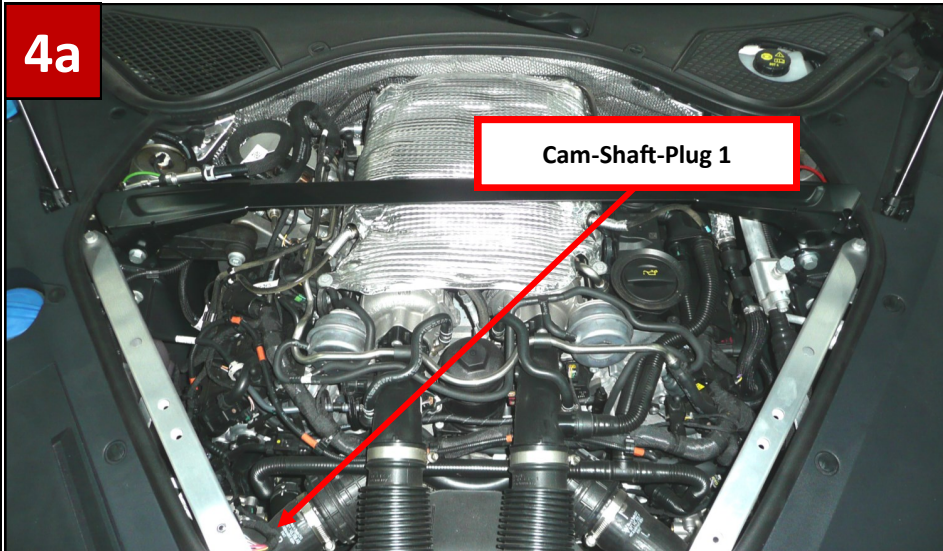


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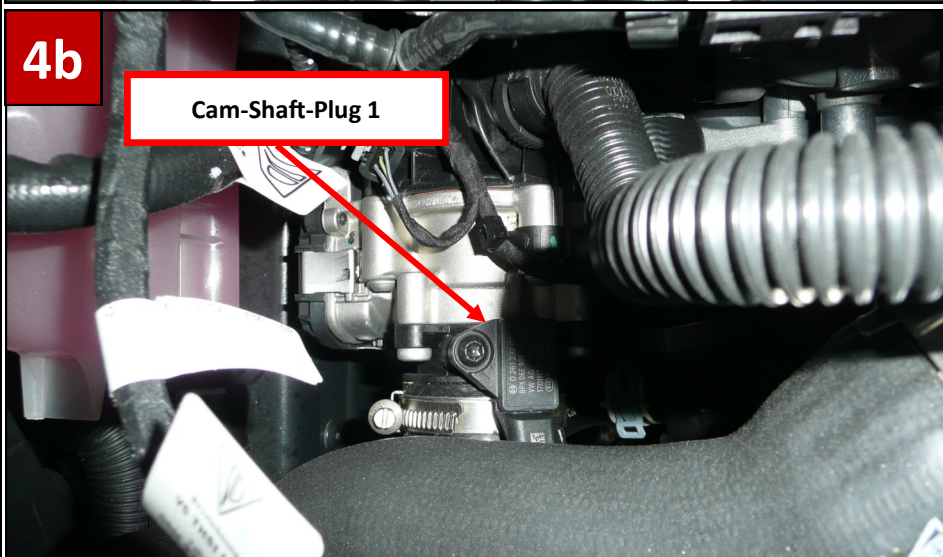


Cam-Shaft-Plug 1

4. Cam-Shaft-Plug 1

The camshaft sensor is located at the rear of the engine below the water cooler

4b



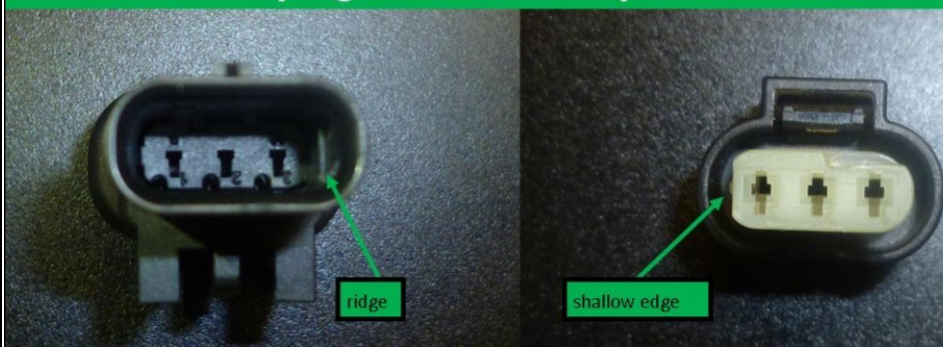
Cam-Shaft-Plug 1

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

plug in the correct position



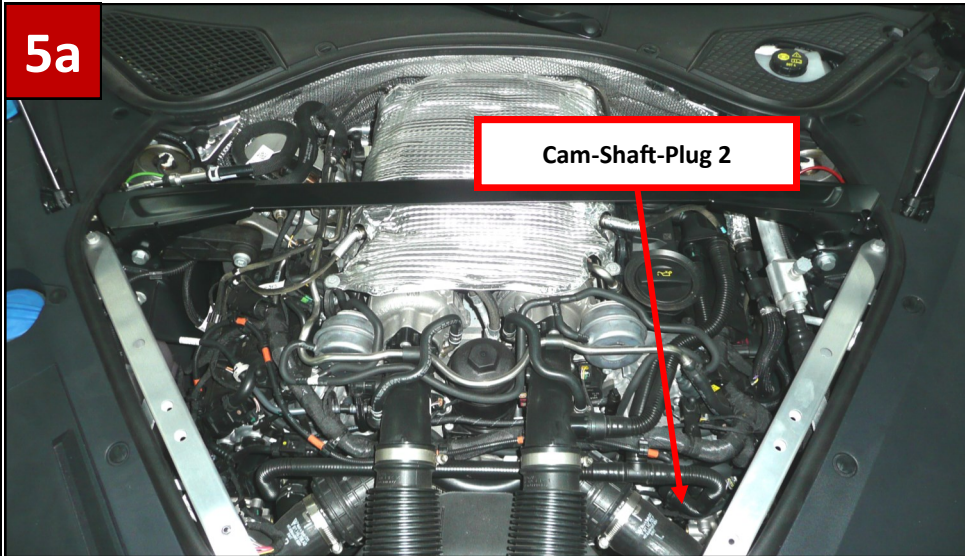
- ◇ The plug must be as show on the picture will be with the shallow edge on the side of the ridge.
- ◇ With some higher force, it is possible to push the plug with the round side on the ridge!!!

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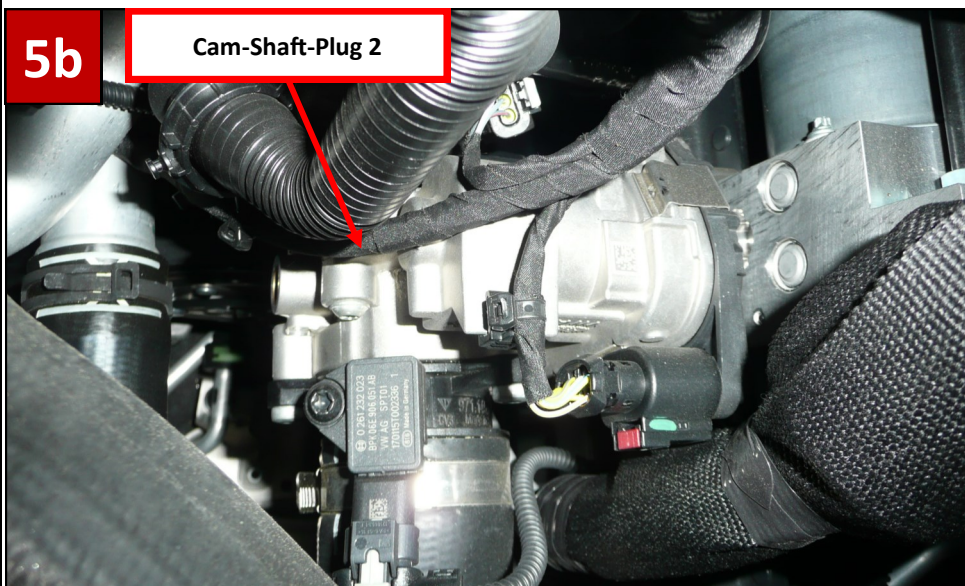
5a



5. Cam-Shaft-Plug 2

The camshaft sensor is located at the rear of the engine below the water cooler

5b



Disconnect the plug from the camshaft sensor.

Attach the camshaft sensor plug to the new loom

Connect the plug of the new loom the camshaft sensor

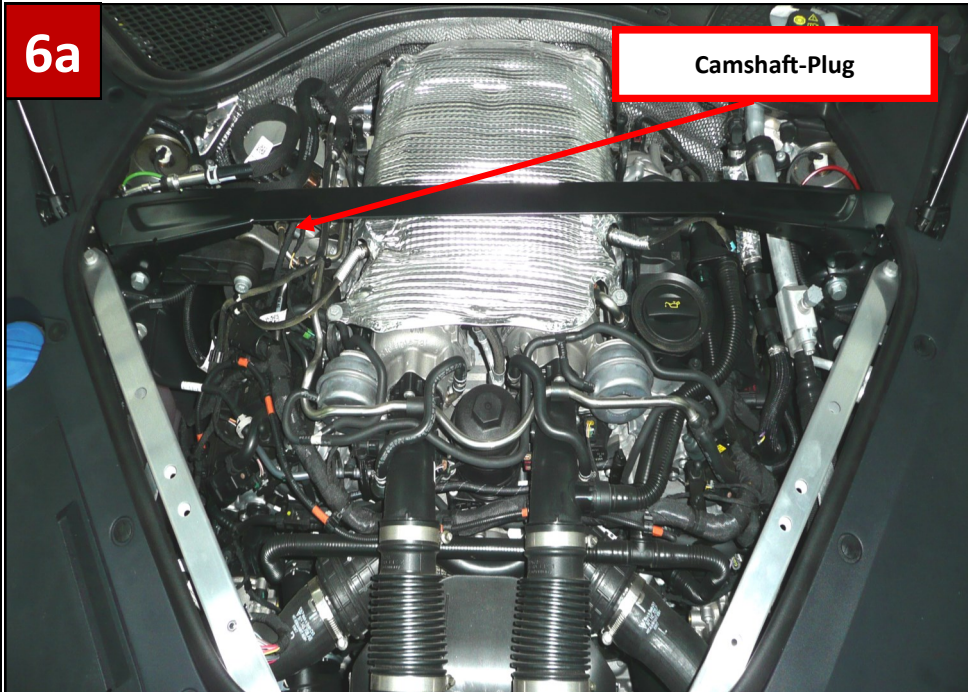
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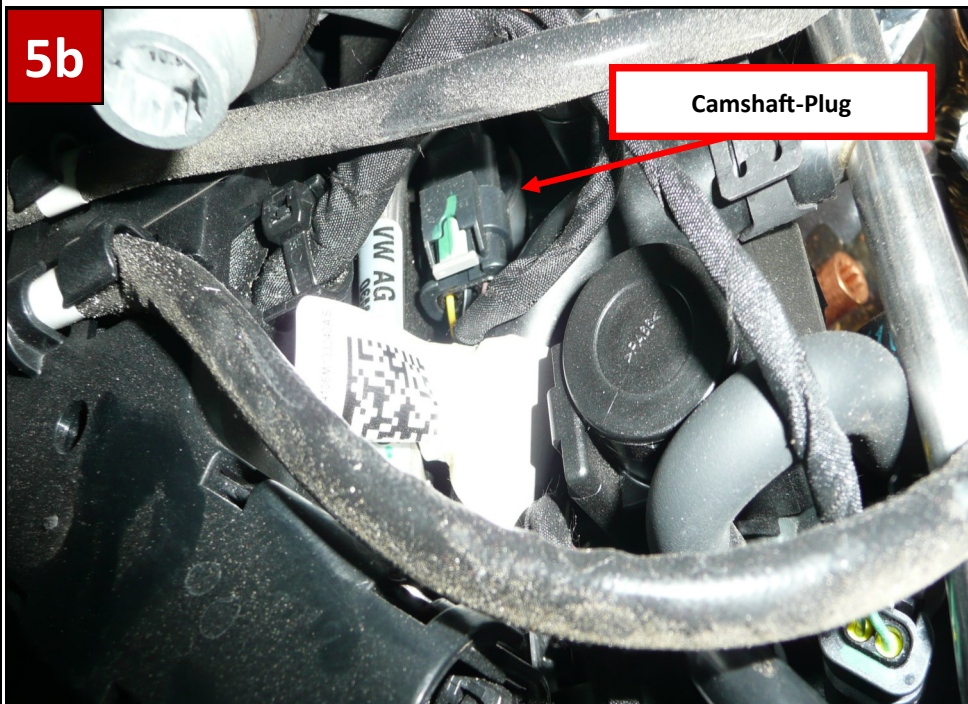


Camshaft-Plug

5. Camshaft-Plug

The camshaft sensor is located at the rear of the engine below the water cooler

5b



Camshaft-Plug

Disconnect the plug from the camshaft sensor.

Attach the camshaft sensor plug to the new loom

Connect the plug of the new

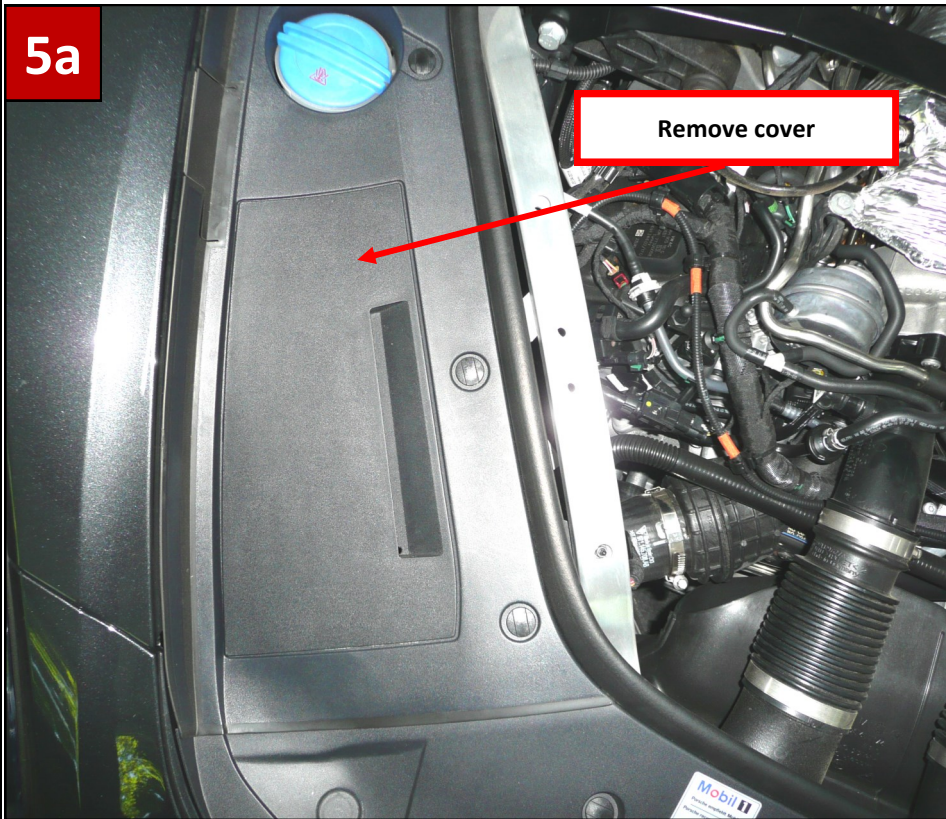
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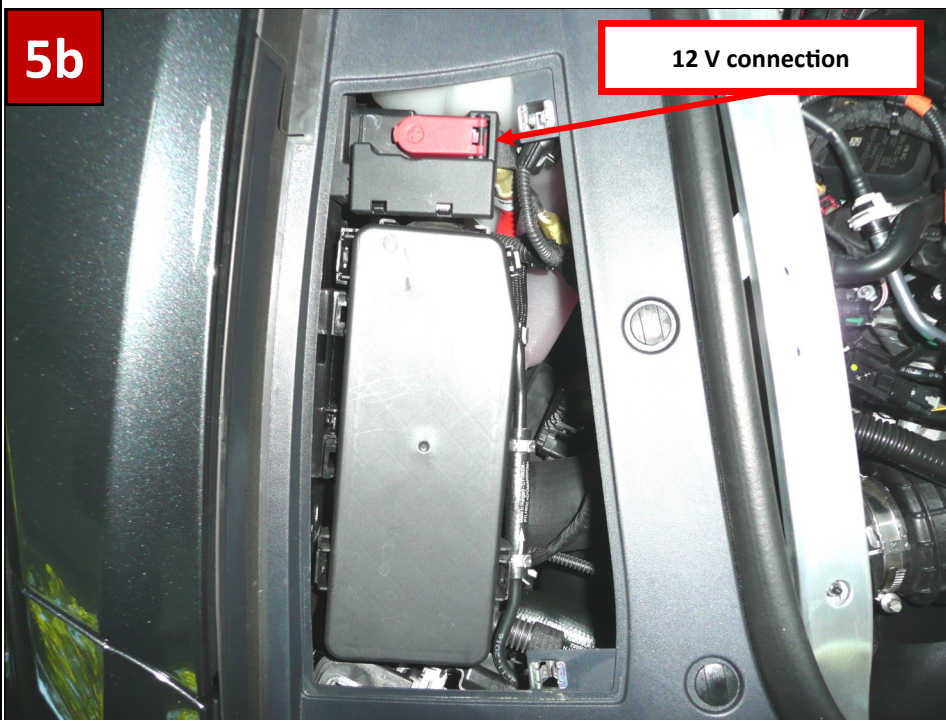
5a



5. Power Supply

Remove the cover.

5b



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

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

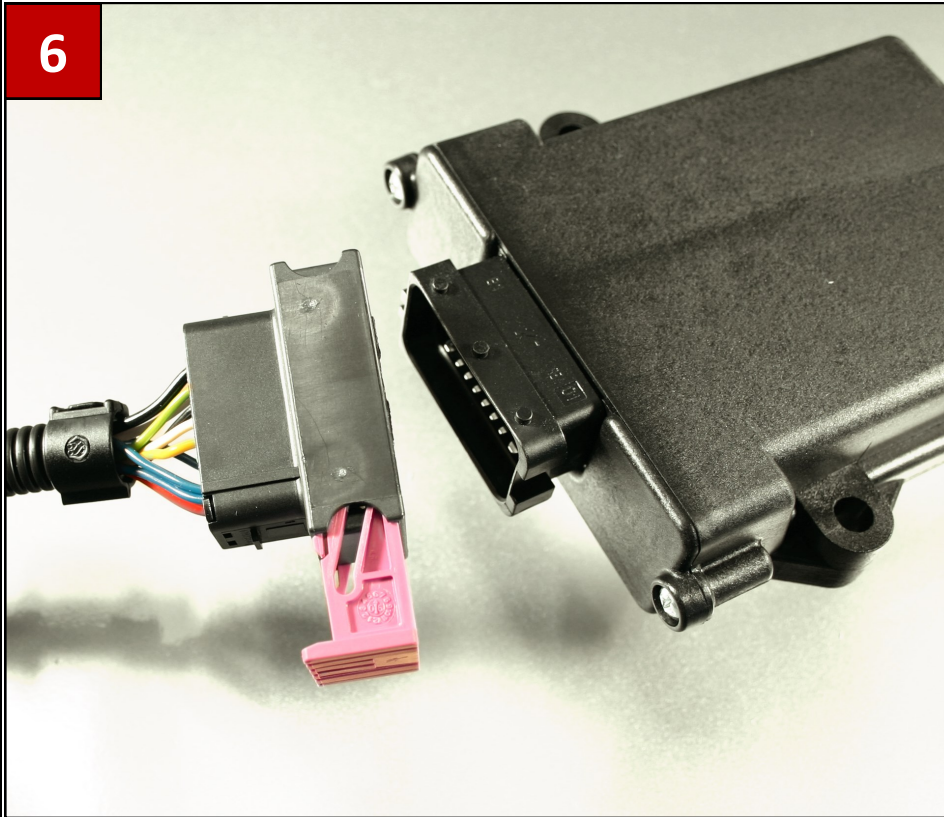
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6



6. Tuning box

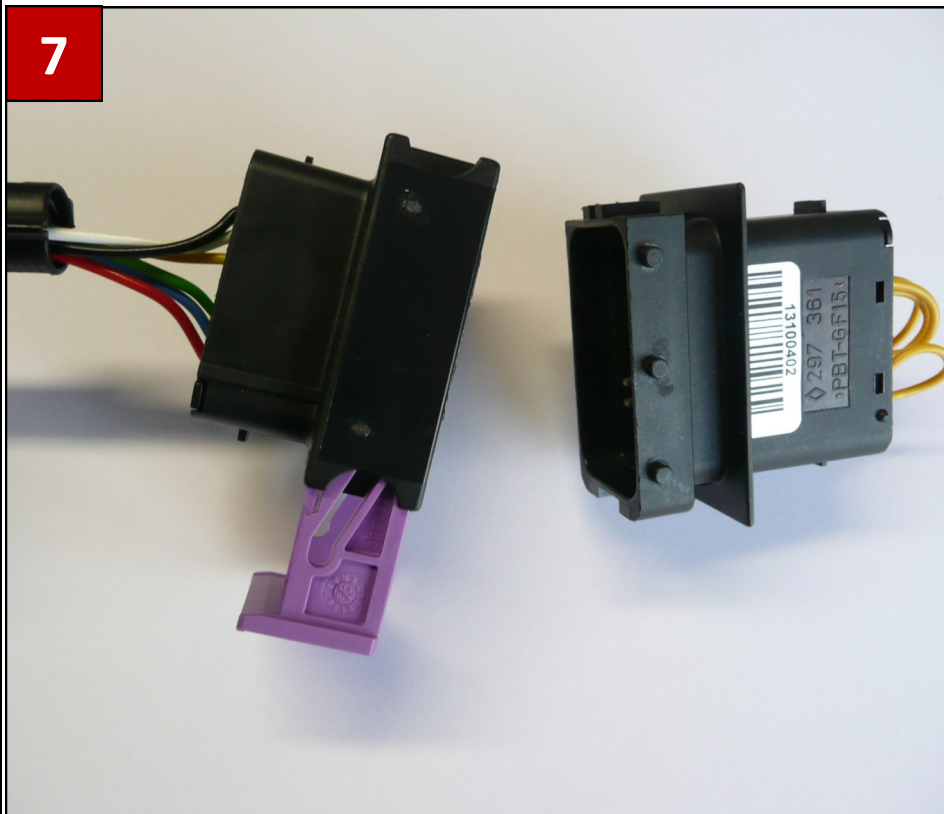
Finally install the cable towards a suitable position

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

7



7. Blind 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	<p>Please check the plug-in connection of the affected sensors, make sure that all sensors are plugged in properly.</p> <p>Make sure that the 12V power supply is connected correctly, if available.</p> <p>Unplug the chiptuning box, plug the bridge connector, and then check whether the error persists.</p>
Engine „jerky“	<p>Check all connections, have you plugged in a plug incorrectly or is it not properly locked?</p>
Car goes immediately into limp mode	<p>Have you removed one of the plugs under current? (Open the hood, close the doors, close and wait for 5 minutes)</p> <p>Please check the wiring harness.</p> <p>Unplug the box, insert the bridge connector, and then check whether the error persists.</p>
Car without power increase	<p>Make sure you are on the correct plugs.</p> <p>Please check the goods for possible damages and compare the item number on the box with the one in the webshop.</p> <p><u>Only gasoline:</u> Make sure you have fueled the right fuel with min Super Plus (98 RoZ) or a higher quality.</p>
Strong soot development in the engine	<p>Only after consultation, change the chip tuning box down by the rotary coding switch by 1 to 2 steps.</p> <p>If you have a chiptuning box with app, set it to "ECO".</p>
Engine has misfire	<p>Please unplug the chiptuning box and plug the bridge plug.</p> <p>Then try again to see if the error still occurs.</p>