

Installation instructions

Mini Cooper S
135 kW 184 PS



14109933

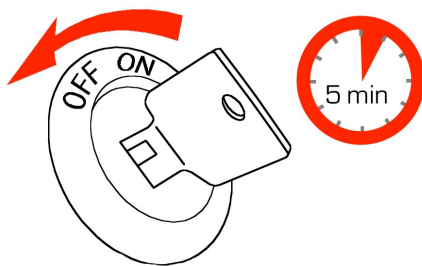
The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements.

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

Please read this installation guide 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 ignition key!
4. Close and lock all doors!
5. Do not open any doors while installing the tuning kit!
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 **waterproof** and **vibrationless** place. Do not make any changes at the tuning kit!

Do not expand or shorten the loom.

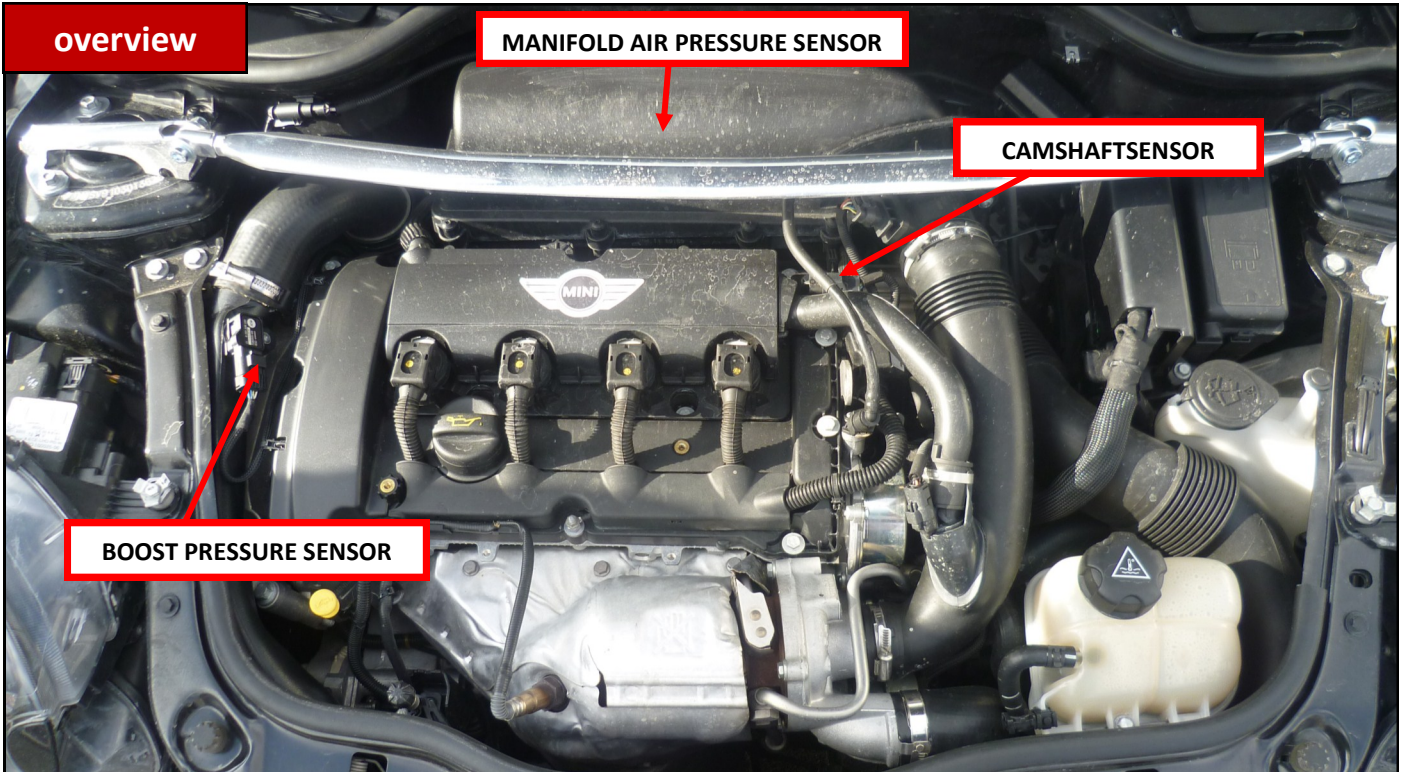
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overview



Overview:

The tuningkit has to be attached to the following points:

- boost pressure sensor
- manifold air pressure sensor
- camshaft sensor

required tools:

- Cutter, 25er Torx

preparation:

- 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 gain , you have to use „super plus“ (98 ROZ)***

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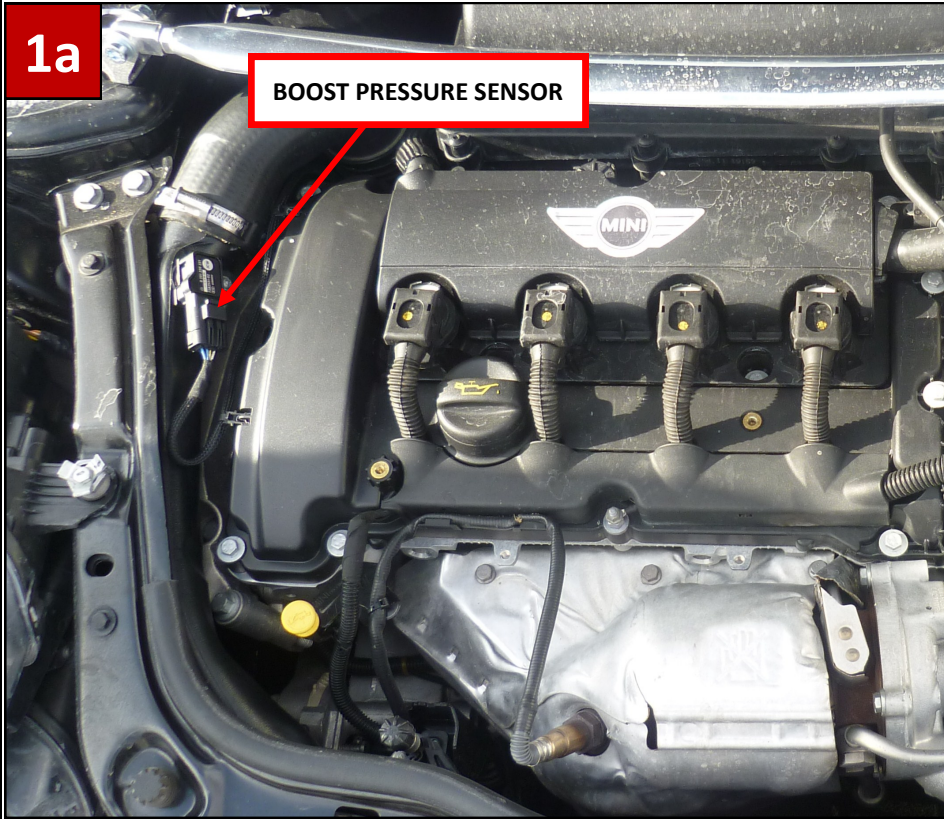
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1a

BOOST PRESSURE SENSOR

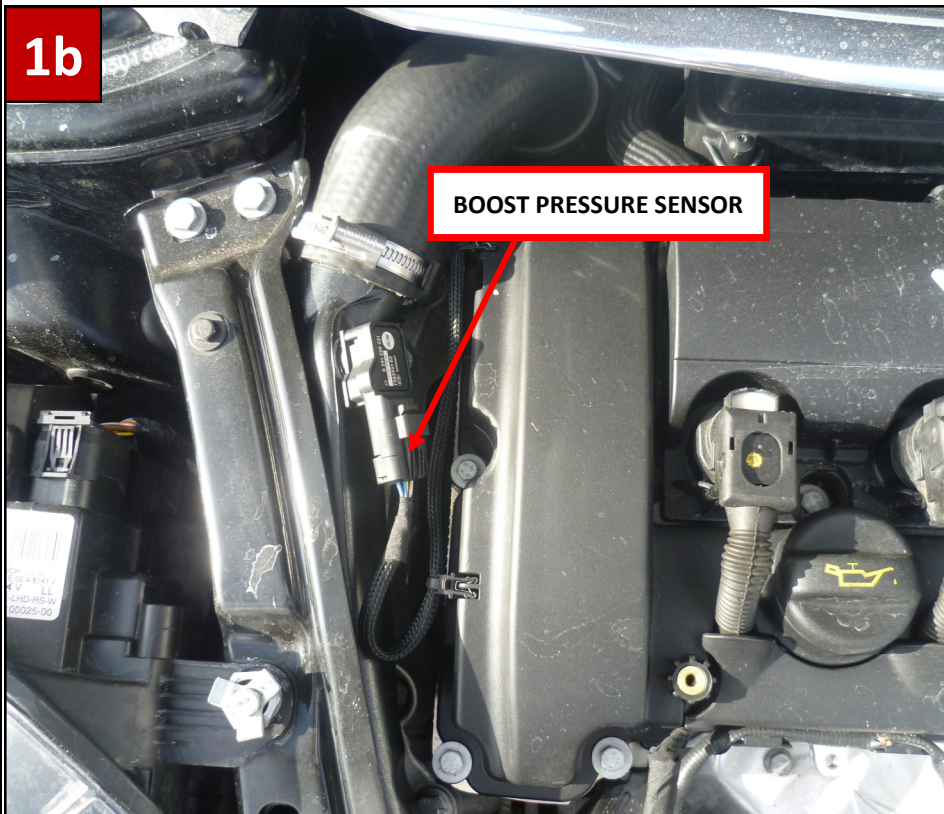


1. boost pressure sensor

- ◇ The boost pressure sensor is located on the boost pressure pipe (passenger side).

1b

BOOST PRESSURE SENSOR



- ◇ Now disconnect the plug from the boost pressure sensor
- ◇ Than connect the plug from the new cable loom with the boost pressure sensor.
- ◇ Connect the old plug with the new cable loom.

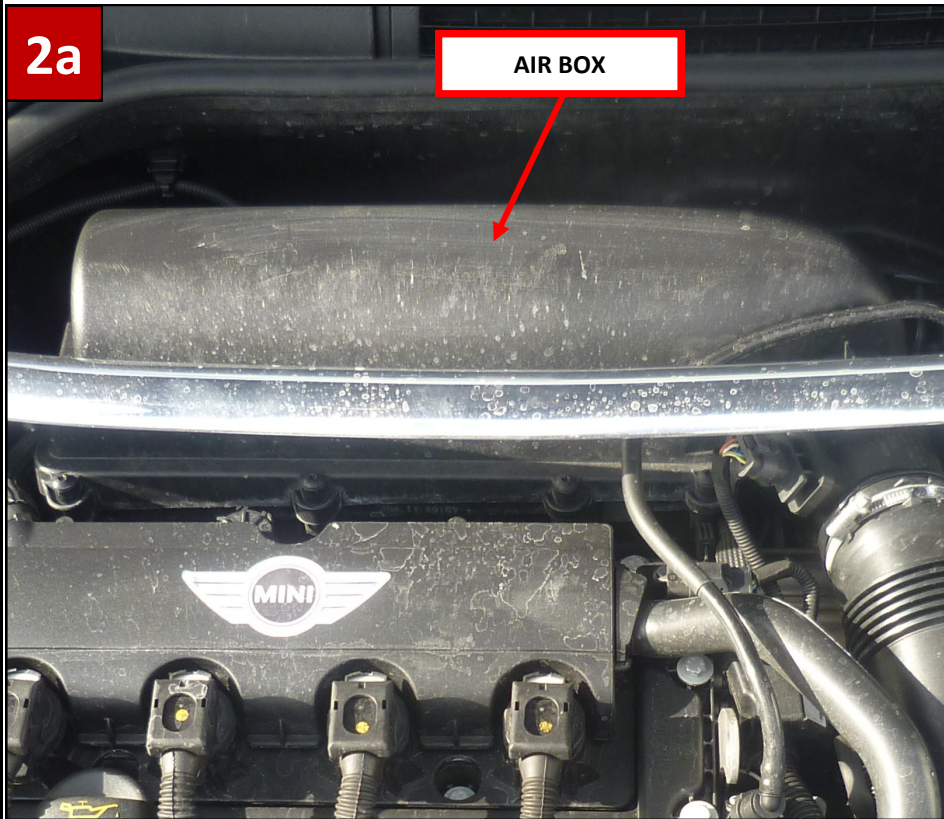
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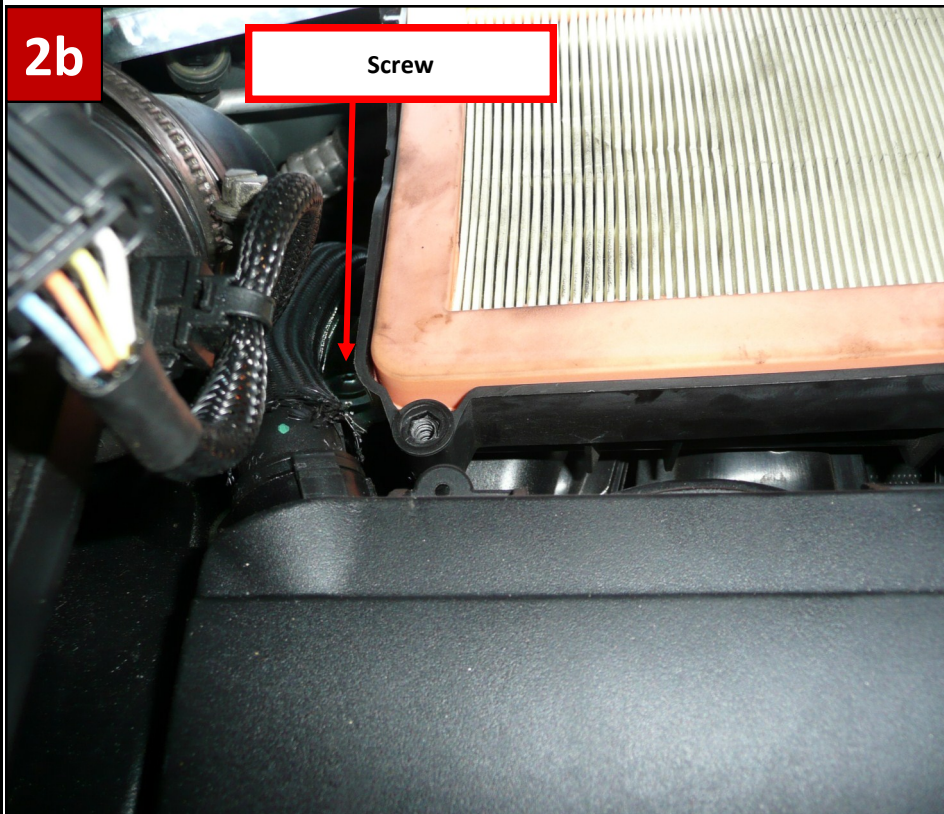
2a



2. Preparation

- ◇ To get to the intake manifold pressure, you have to turn the air filter box on side
- ◇ The air filter box is mounted with a screw and otherwise merely clipped on
- ◇ Remove the cover of the air filter box to get to the screw

2b



- ◇ The screw is located to the left of the air filter box (passenger side)
- ◇ Loosen the screw
- ◇ Now carefully pull out the air filter box to the side

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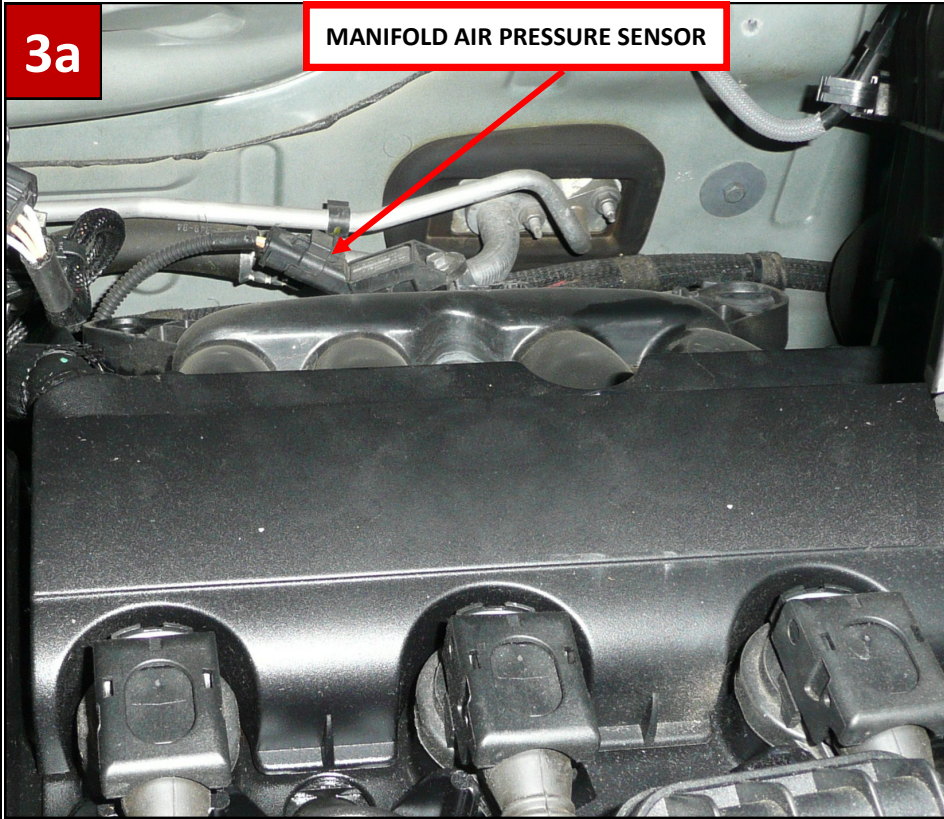
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3a

MANIFOLD AIR PRESSURE SENSOR

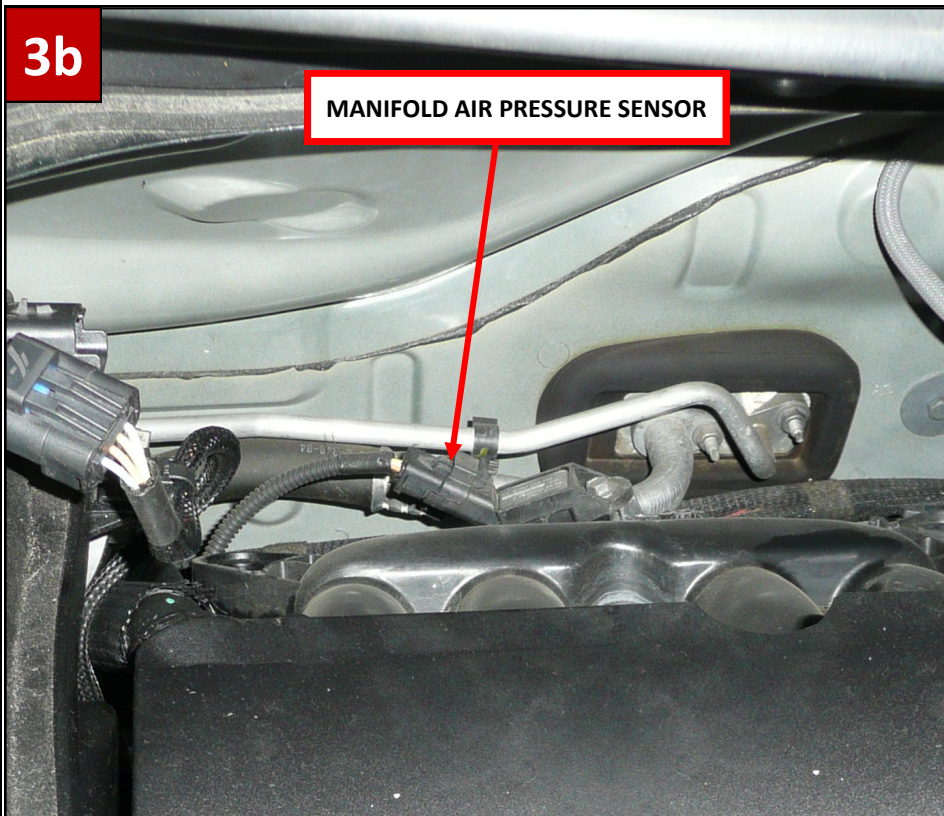


3.manifold air pressure sensor

- ◇ First disconnect the plug from the manifold air pressure sensor

3b

MANIFOLD AIR PRESSURE SENSOR



- ◇ Than connect the plug from the new cable loom with the manifold air pressure sensor.
- ◇ Connect the old plug with the new cable loom.

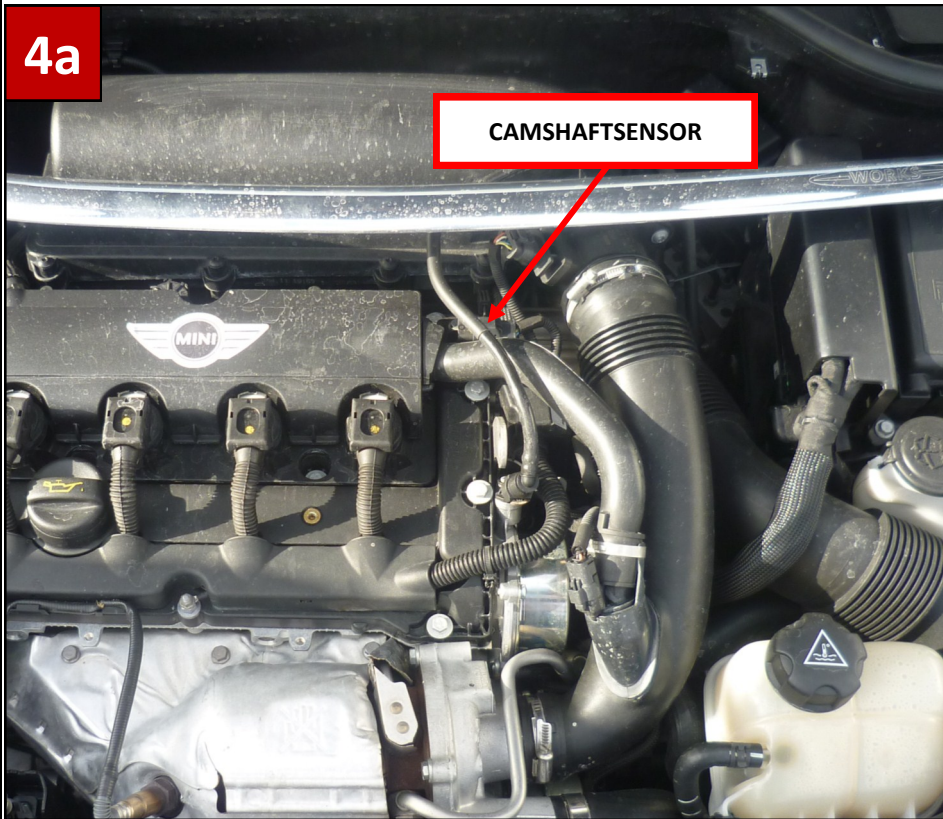
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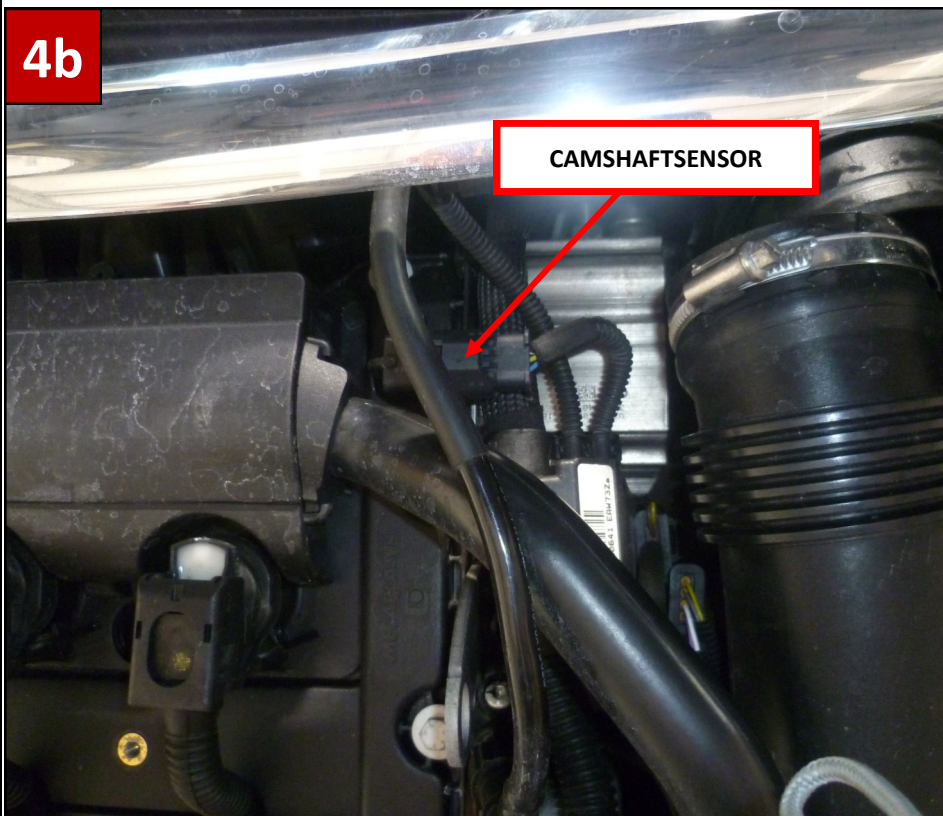
4a



4. Camschaftsensor

◇ Now disconnect the plug from the camshaft sensor.

4b



◇ Than connect the plug from the new cable loom with the camshaft sensor.

◇ Connect the old plug with the new cable loom.

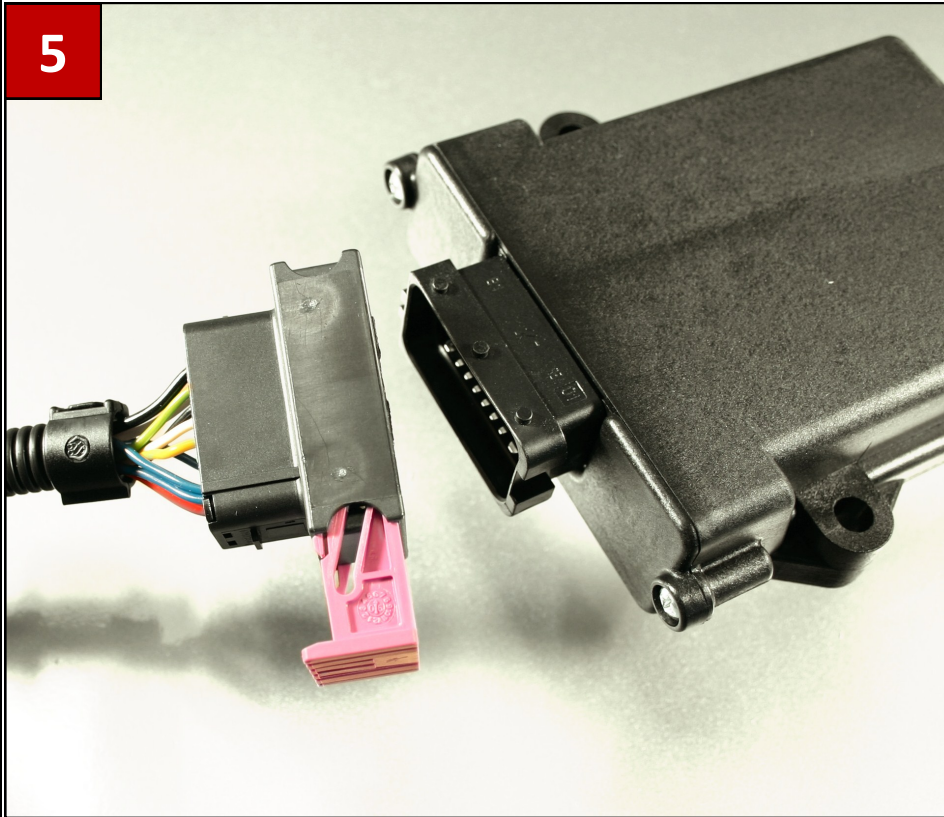
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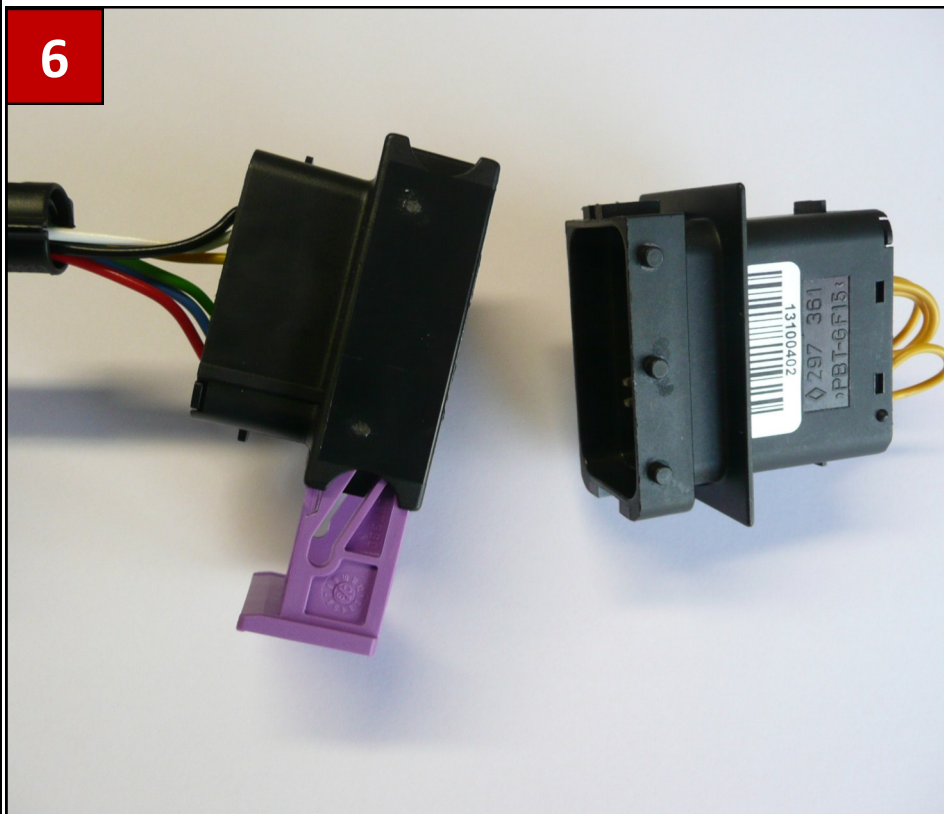
5



5. 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

6



6. 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.