

Installation instructions

BMW

4.4 V8 TwinPower Turbo



14109670

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.

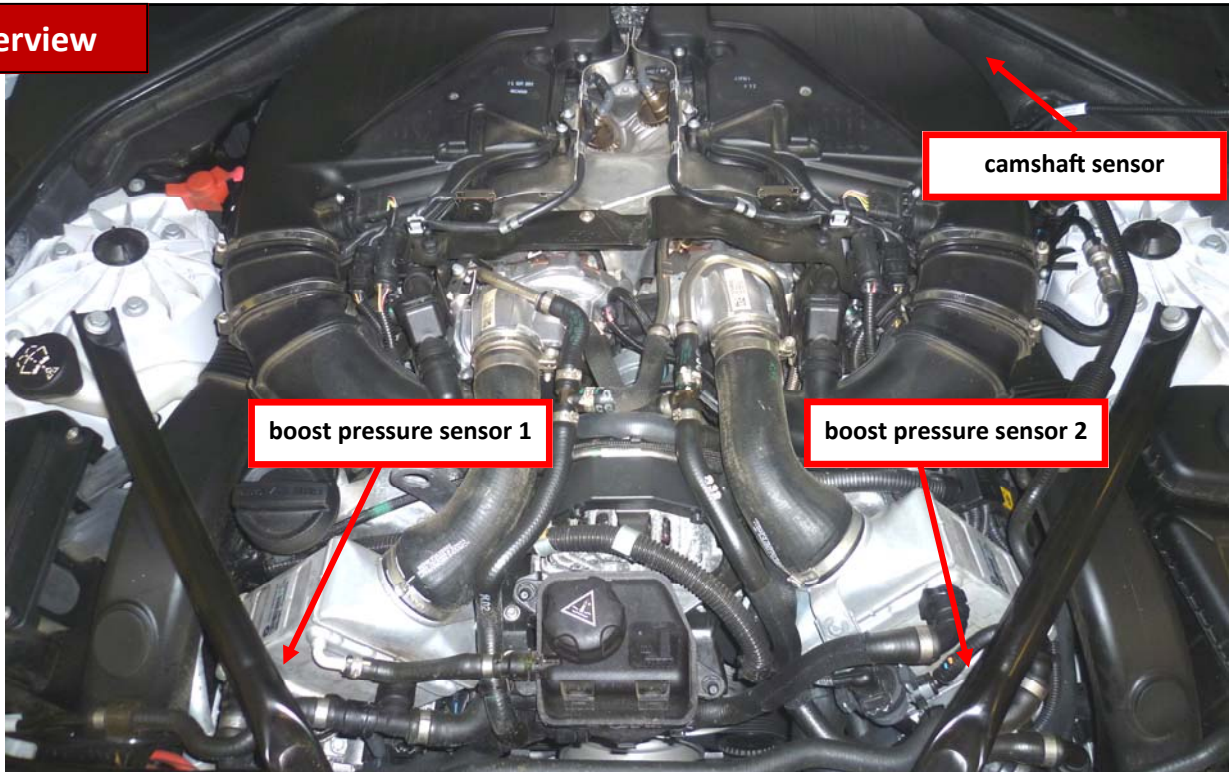
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overview



overview:

The chiptuning box is attached to the following points:

- boost pressure sensor 1
- boost pressure sensor 2
- camshaft sensor

Necessary tools:

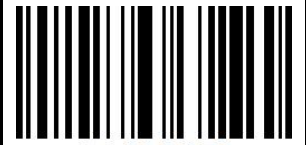
- Cutters, 16er and 17er wrench, small screwdriver, Torx E 8

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
- ***To reach the maximum power min. Super Unleaded (98 RoZ) or better has to be refueled***

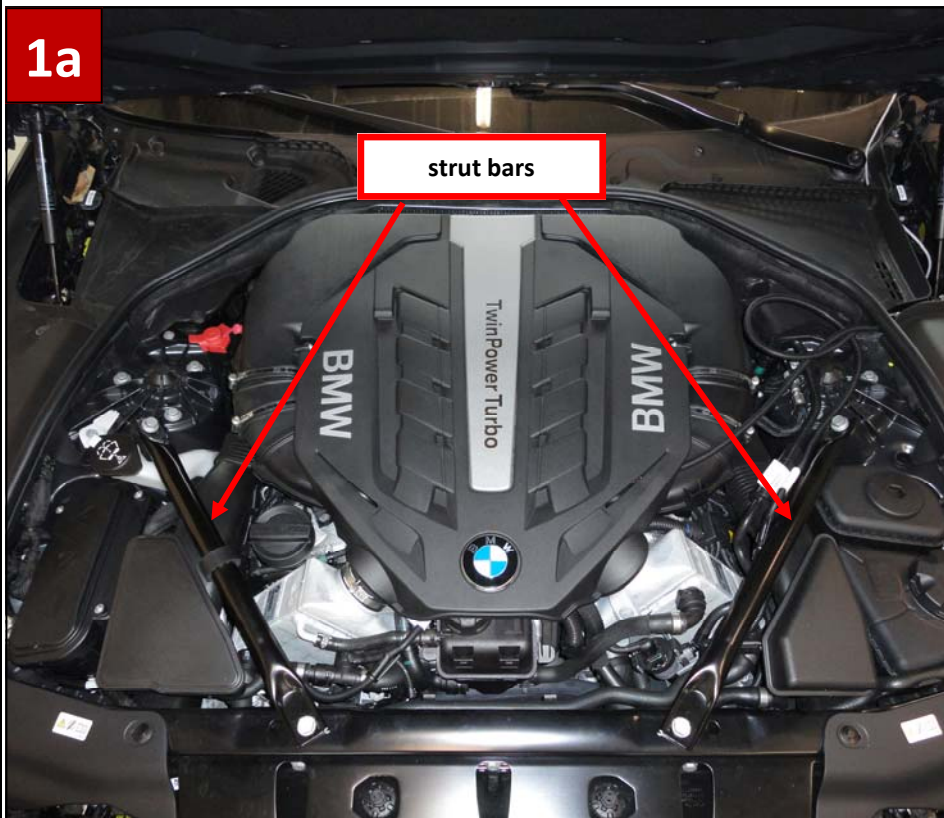
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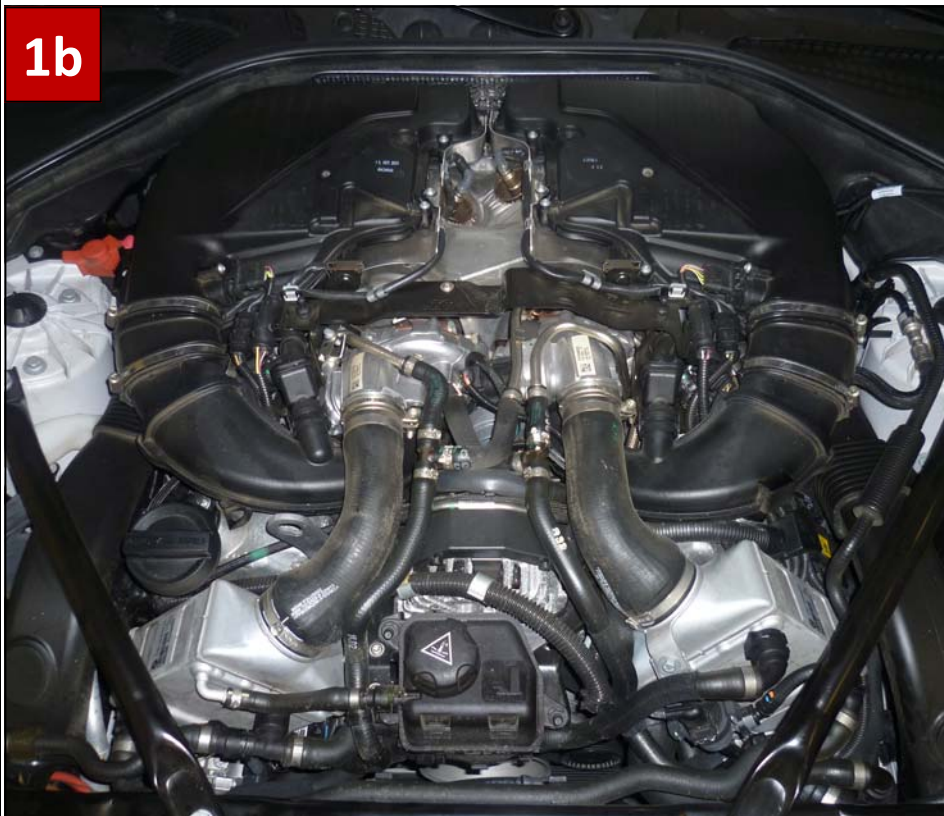
1a



1. preparation

- ◇ Before you begin installation, you must remove the two strut bars.
- ◇ Remove the lower screws each, this you will need a 17er wrench.
- ◇ Slightly loosen the screws at the top to move the strut bars. You need a 16er wrench.
- ◇ Then move the two strut bars so you get to the boost pressure sensor.
- ◇ The engine cover is simply clipped.

1b



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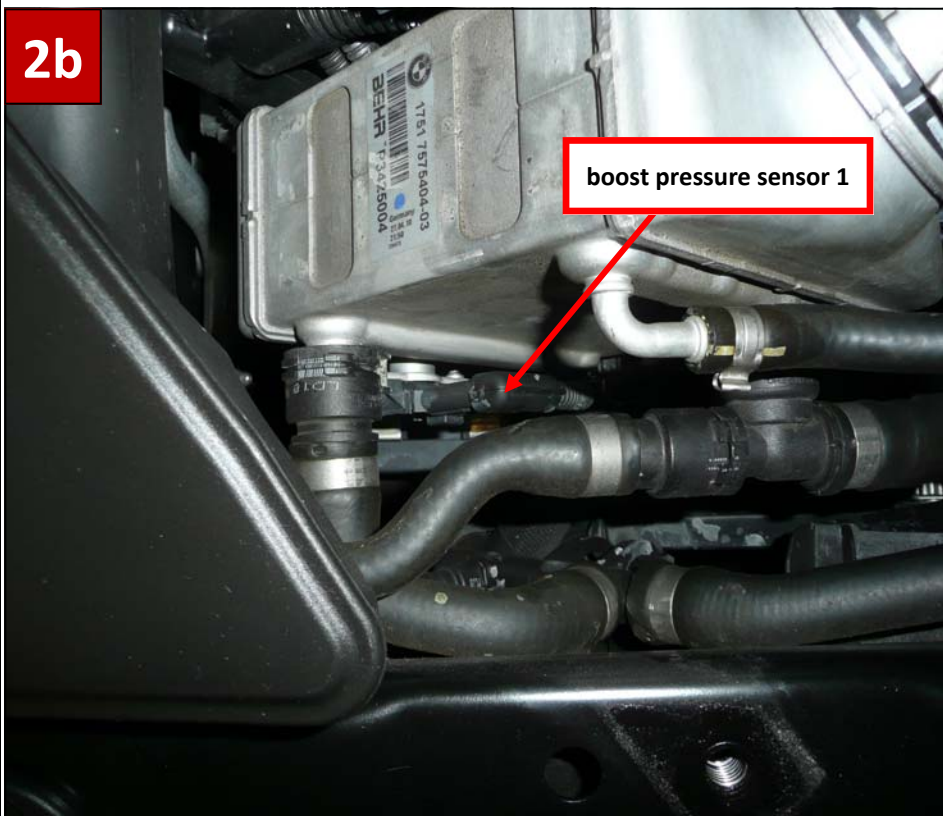
2a



2. boost pressure sensor 1

- ◇ Disconnect the plug from the boost pressure sensor 1.
- ◇ Attach the boost pressure sensor plug to the new loom.
- ◇ Connect the plug of the new loom to the boost pressure sensor.

2b



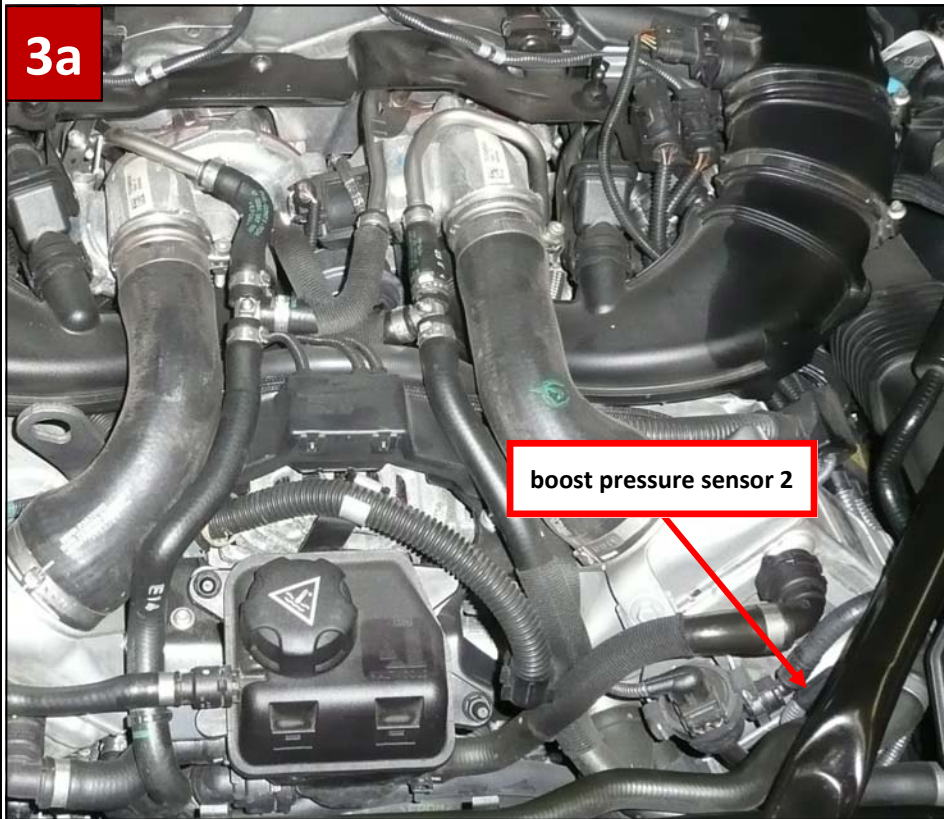
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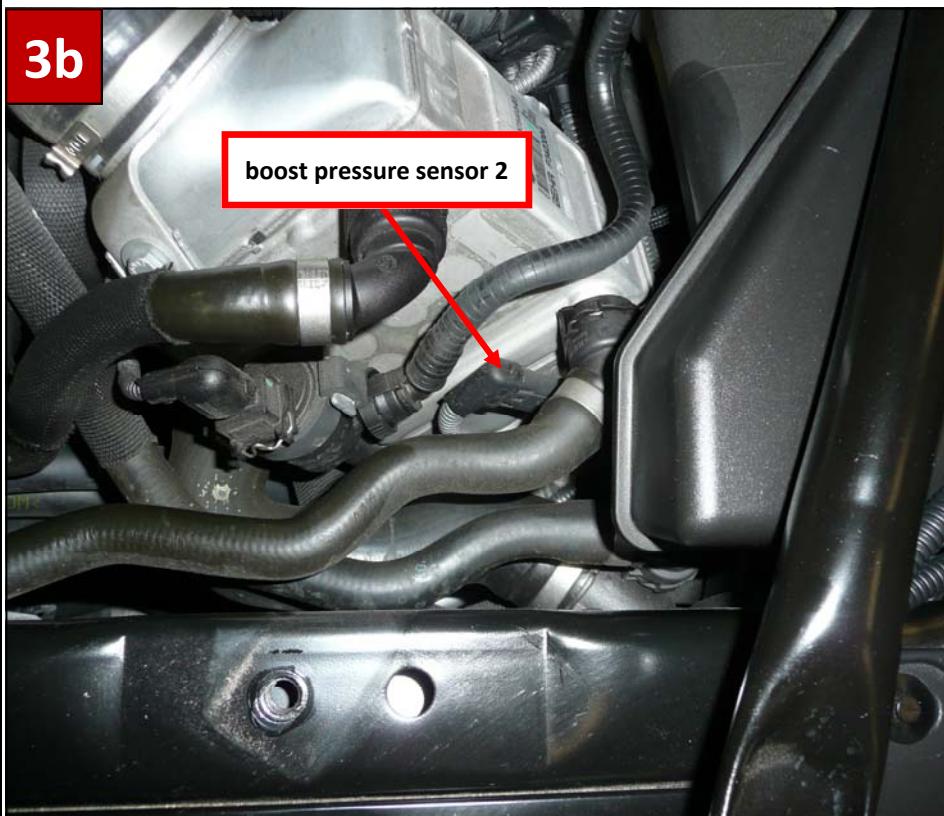
3a



3. boost pressure sensor 2

- ◇ Disconnect the plug from the boost pressure sensor 2.
- ◇ Attach the boost pressure sensor plug to the new loom.
- ◇ Connect the plug of the new loom to the boost pressure sensor.

3b



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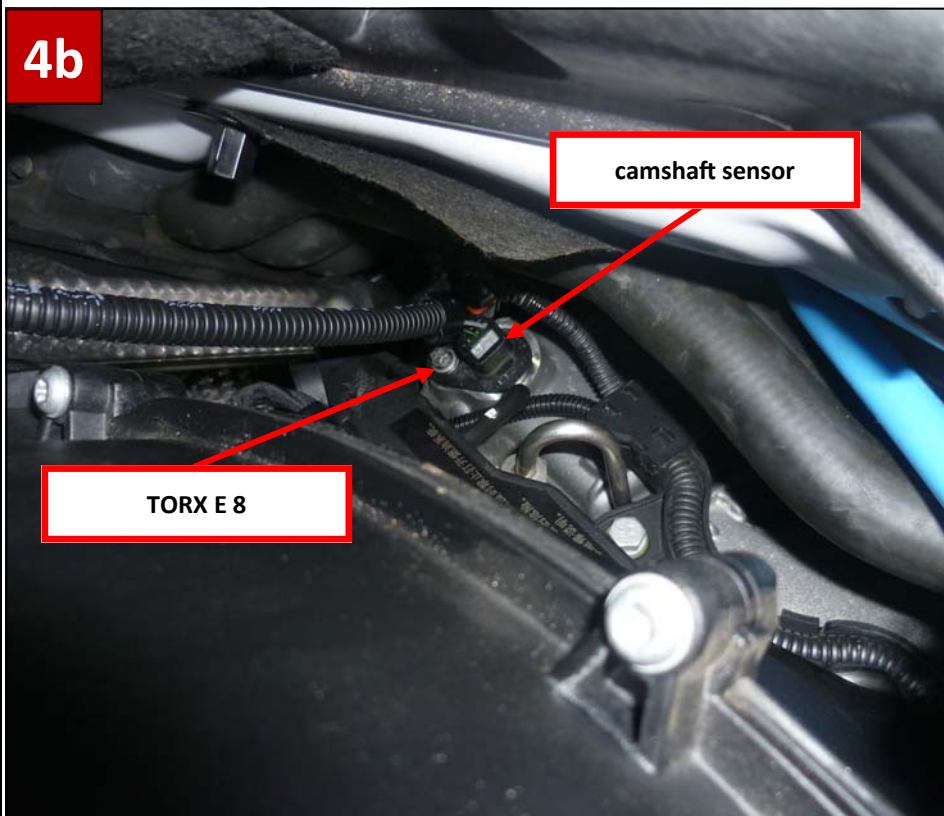
4a



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.

4b



TIP: To make it easier to get the lock from the connector off, you can unscrew the sensor with a torx e8 out.

ATTENTION: During installation, make sure that the gasket is properly.

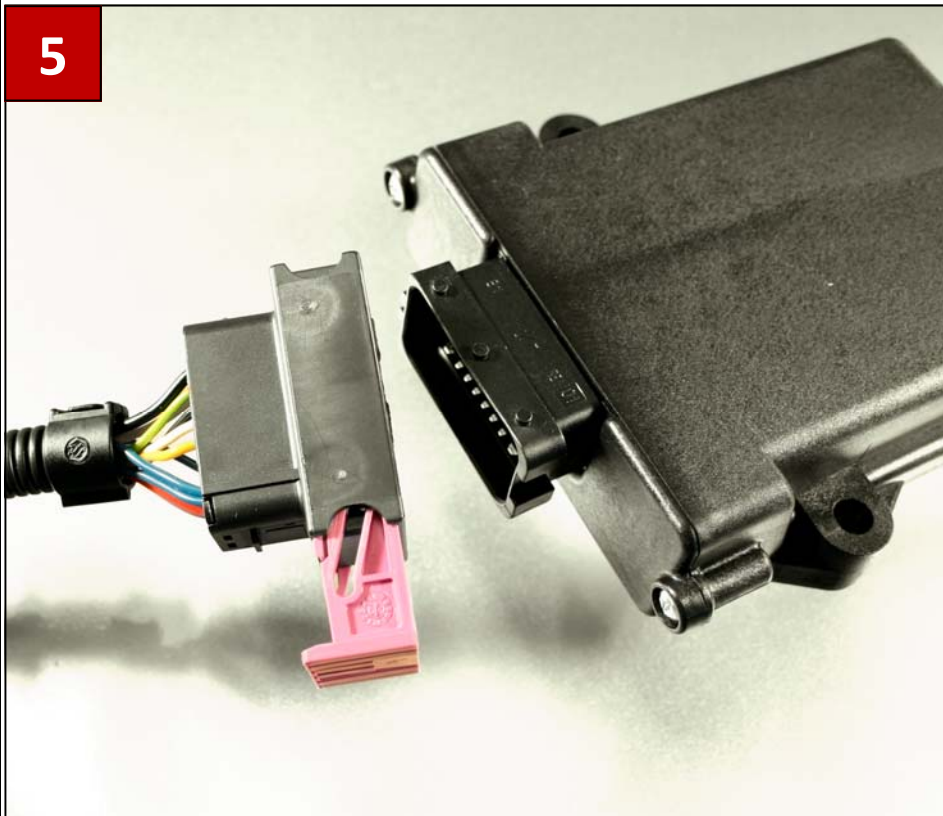
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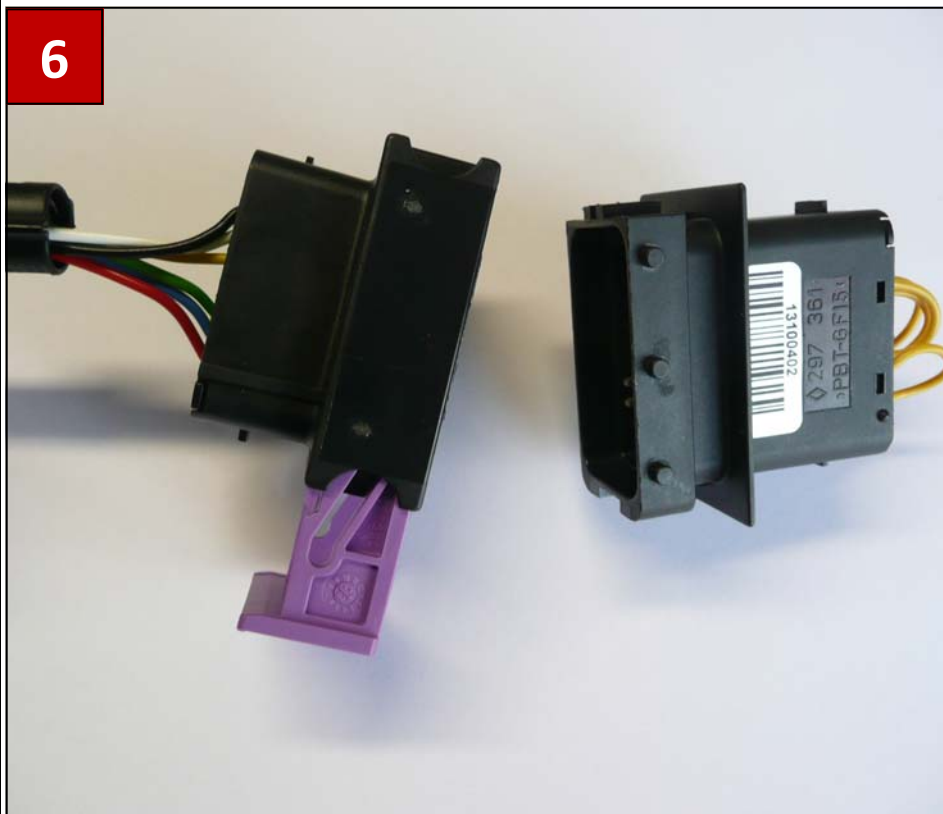
5



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.