

# Installation instructions

VAG 1.8 TFSI / TSI



14109848

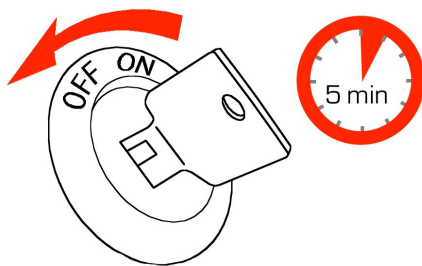
The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements.

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.

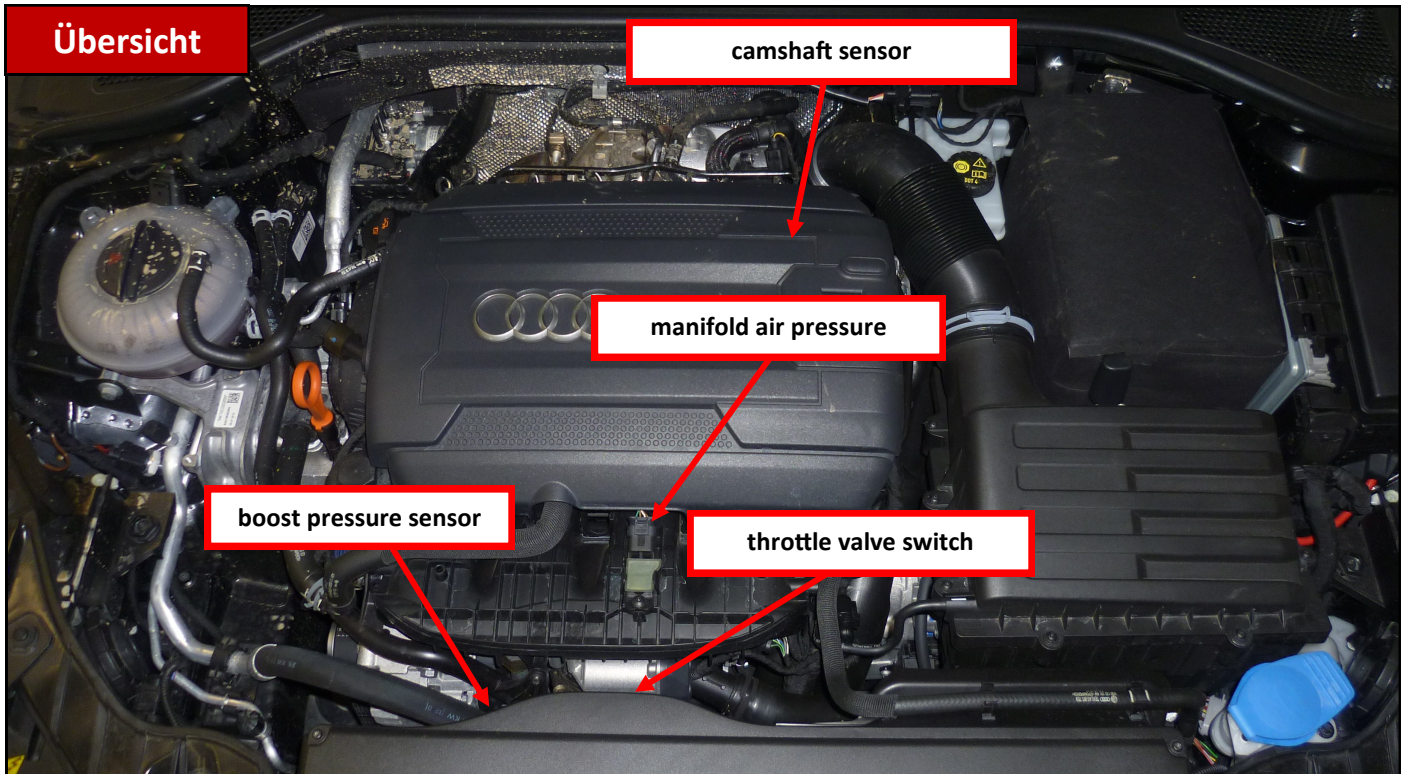
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## Übersicht



### overview:

#### The chiptuning box is attached to the following points:

- camshaft position sensor
- manifold pressure sensor
- Throttle valve switch
- boost pressure sensor

#### Necessary tools:

- Cutters, 25er Torx

#### 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***



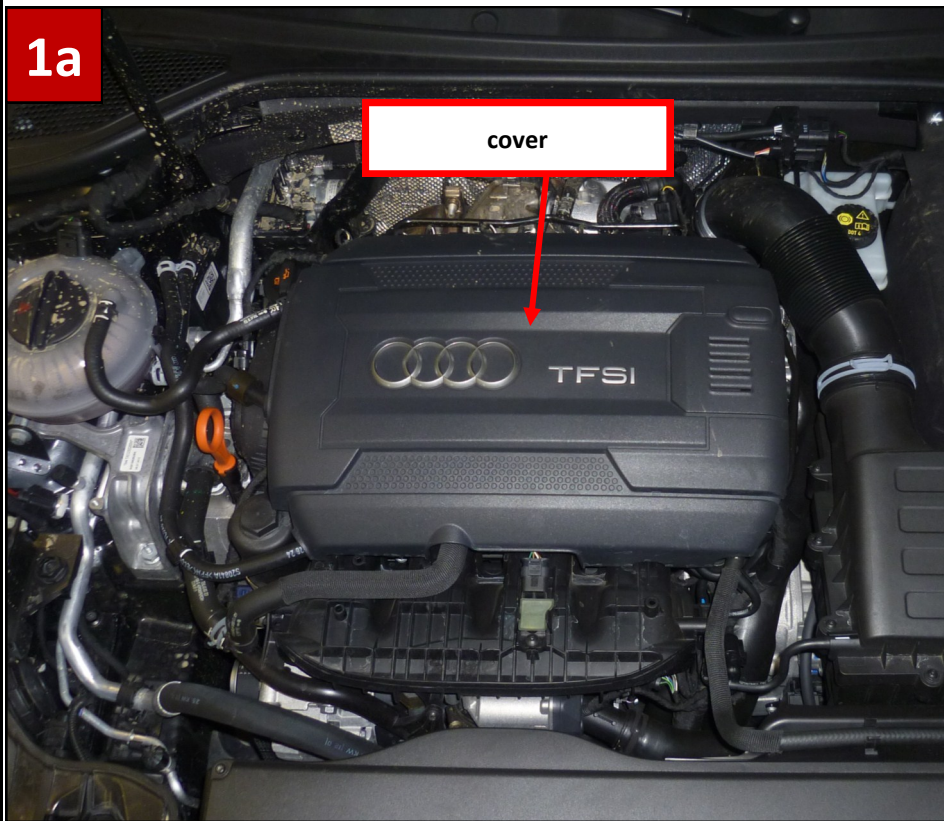
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1a



## 1. Vorbereitung

- ◇ Before you begin the installation, you must remove the engine cover.
- ◇ The engine cover is only attached with clips

1b



- ◇ Pull the engine cover carefully upwards



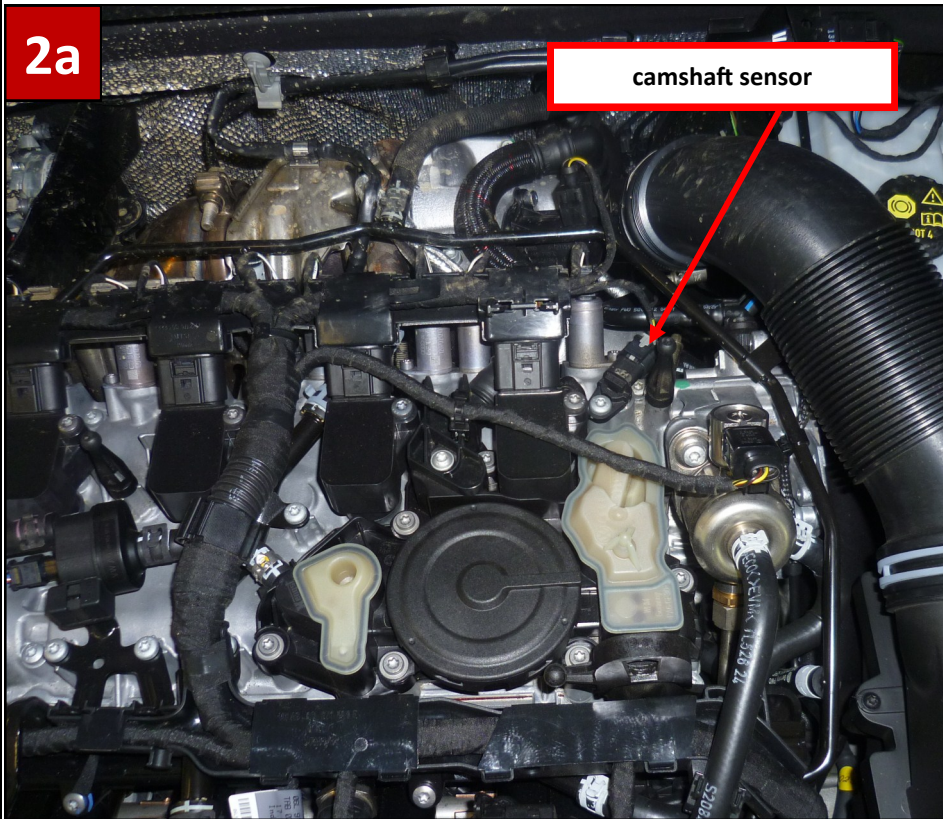
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2a

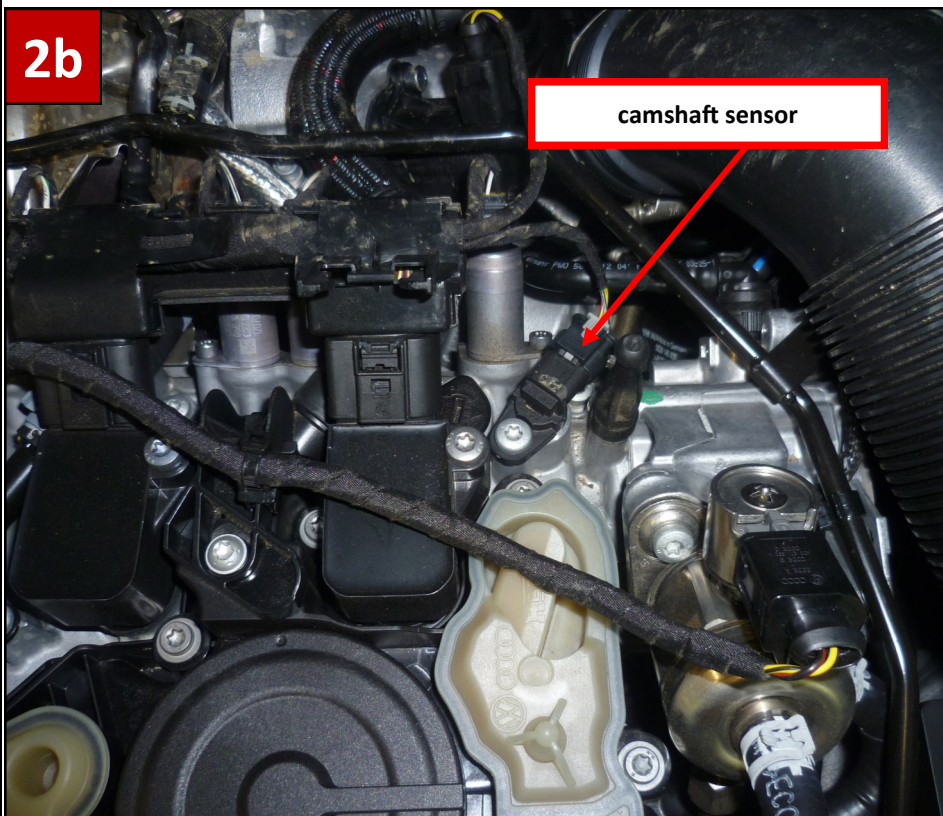


camshaft sensor

## 2. 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.

2b



camshaft sensor



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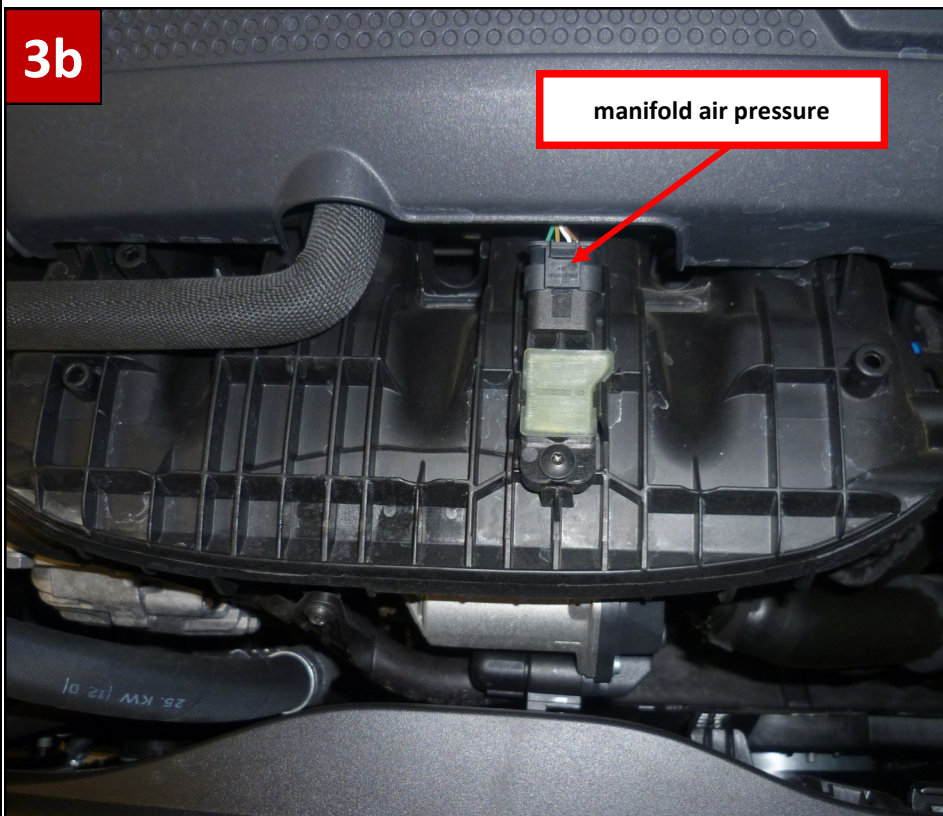
3a



### 3. manifold air pressure

- ◇ Disconnect the plug from the manifold air pressure sensor.
- ◇ Attach the manifold air pressure plug to the new loom.
- ◇ Connect the plug of the new loom to the manifold air pressure.

3b





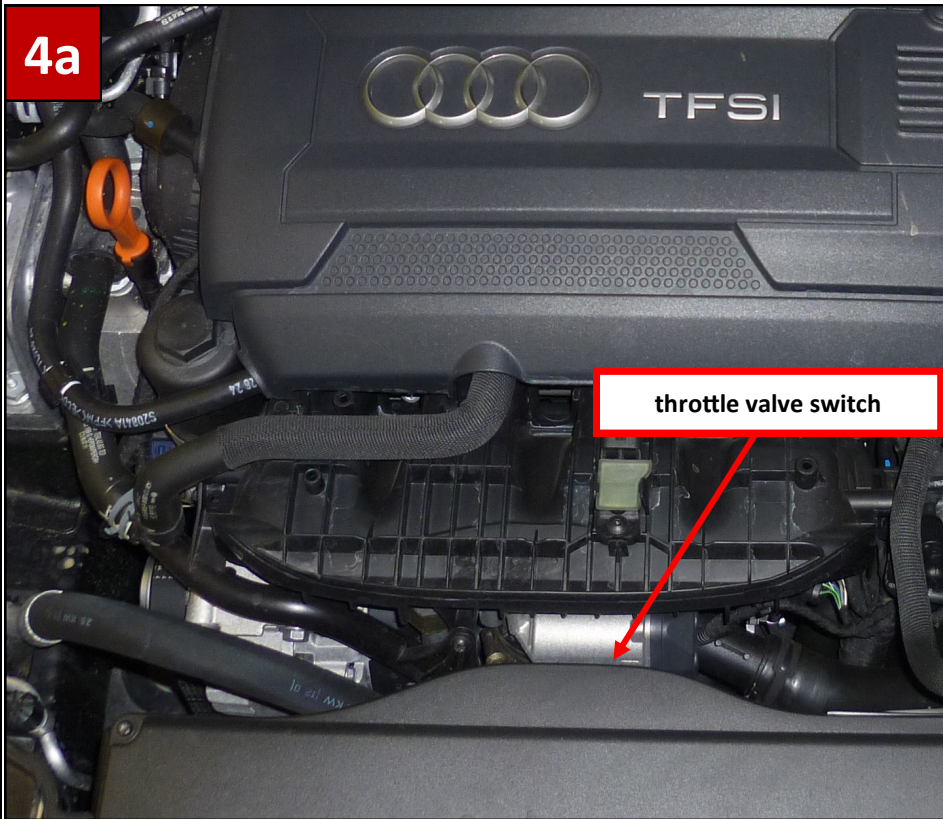
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4a



## 4. throttle valve switch

- ◇ Disconnect the plug from the throttle valve switch.
- ◇ Attach the throttle valve switch plug to the new loom.
- ◇ Connect the plug of the new loom to the throttle valve switch.

4b



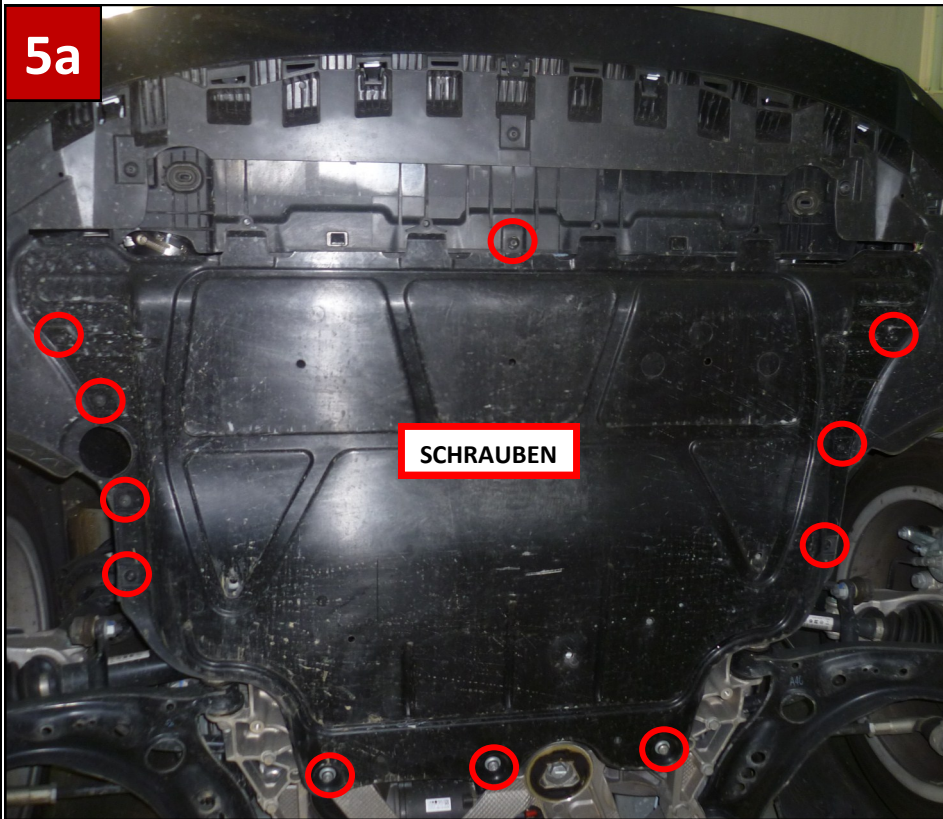
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5a



## 5. Ladedrucksensor

- ◇ The boost pressure sensor is located on the charge air pipe.
- ◇ You reach the boost pressure sensor only from the bottom.
- ◇ Loosen all screws (Torx 25er) of the cover .
- ◇ Then remove the cover carefully.

5b



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



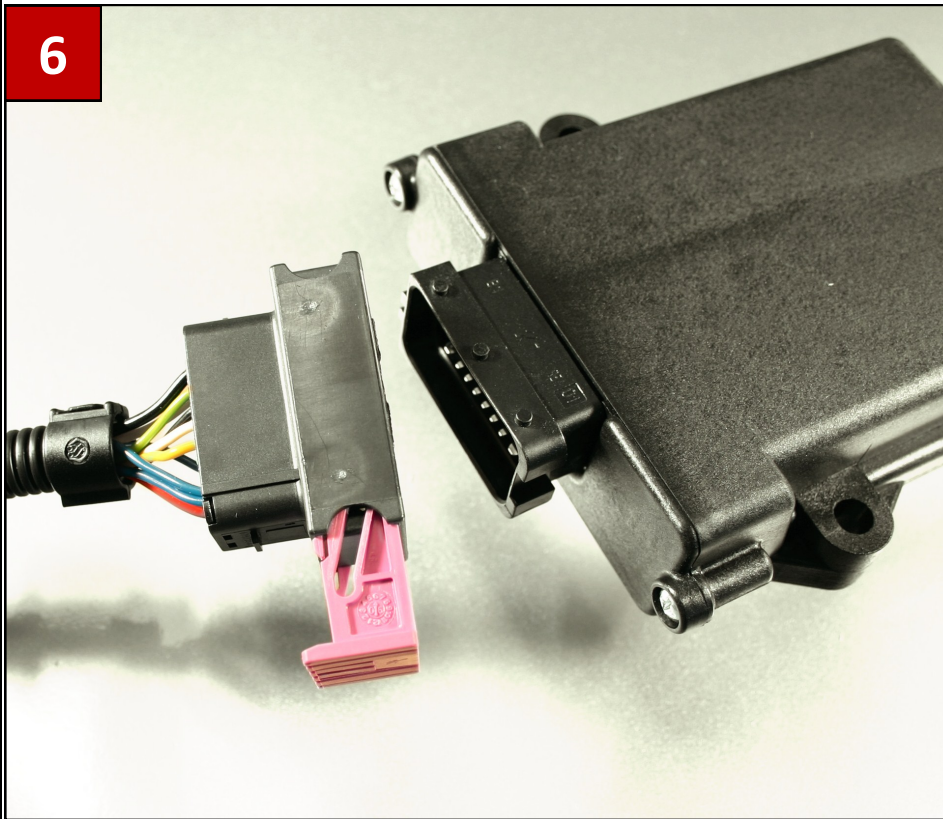
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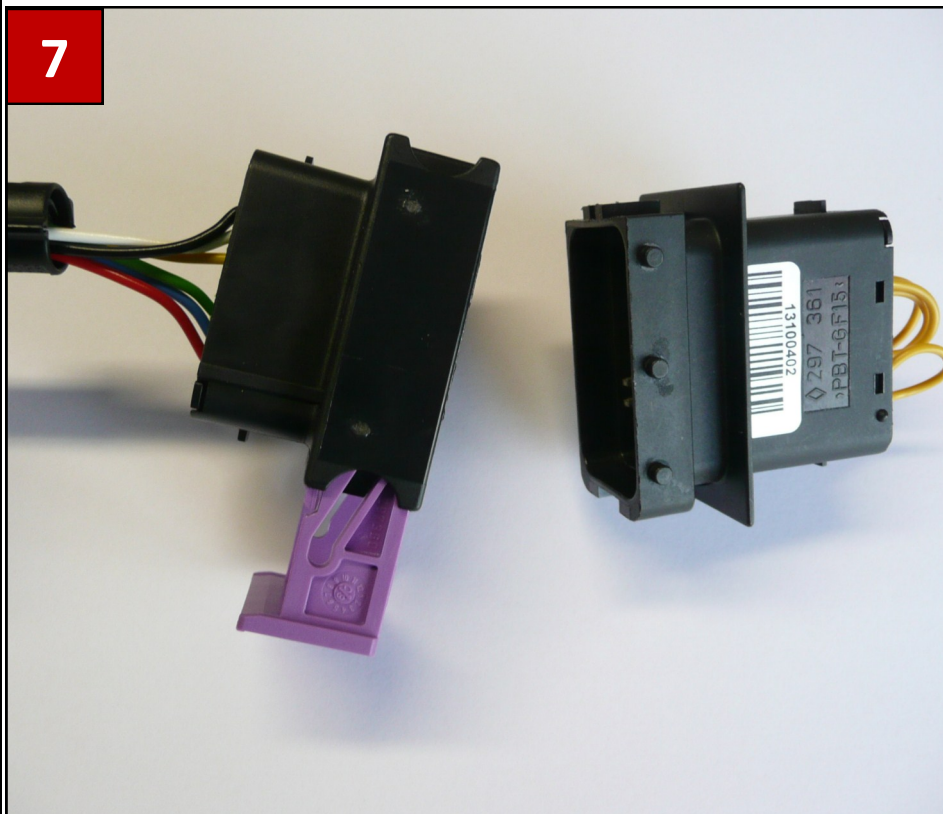
6



## 6. 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

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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.