

# Installation instructions

## Land Rover / Jaguar 2.2 Diesel



14109748

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.

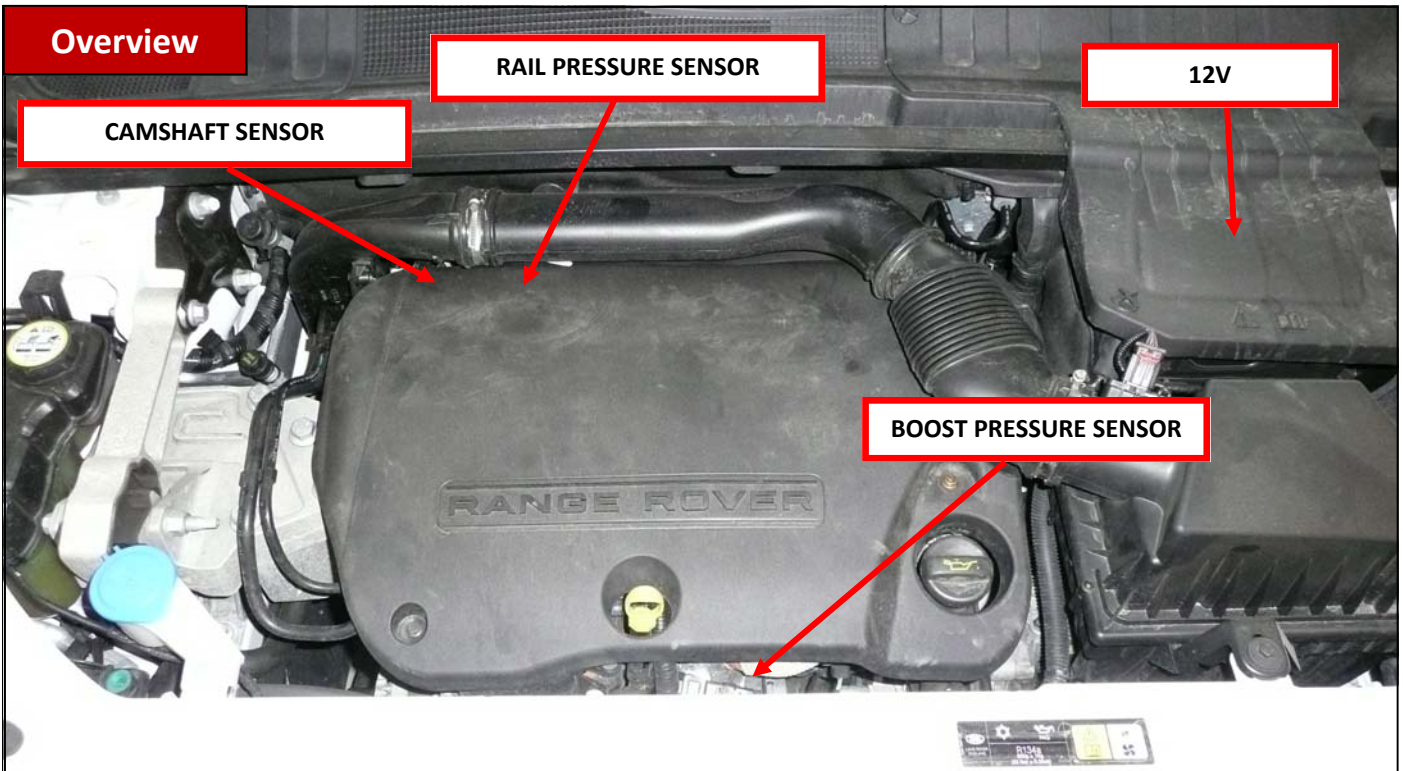
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## Overview



## Overview:

The chiptuning box is attached to the following points:

- Camshaft sensor
- Rail pressure sensor
- Boost pressure sensor
- 12V power supply

## Tools needed:

- Cutter, 8 and 10 sockets

## 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

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1a



## 1. preparation

- ◇ Before you can begin the installation of the tuning kits, you must remove the engine cover
- ◇ The engine cover is attached with three screws

1b



- ◇ Furthermore, you must remove the plastic cover of the battery
- ◇ This is fixed with 4 screws



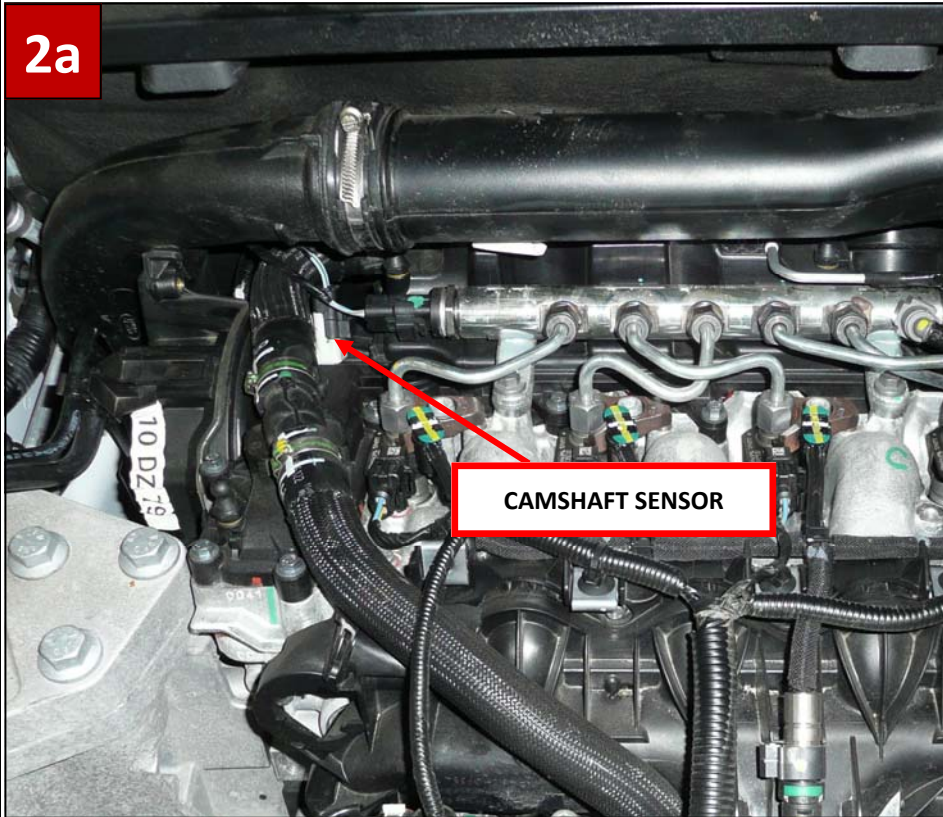
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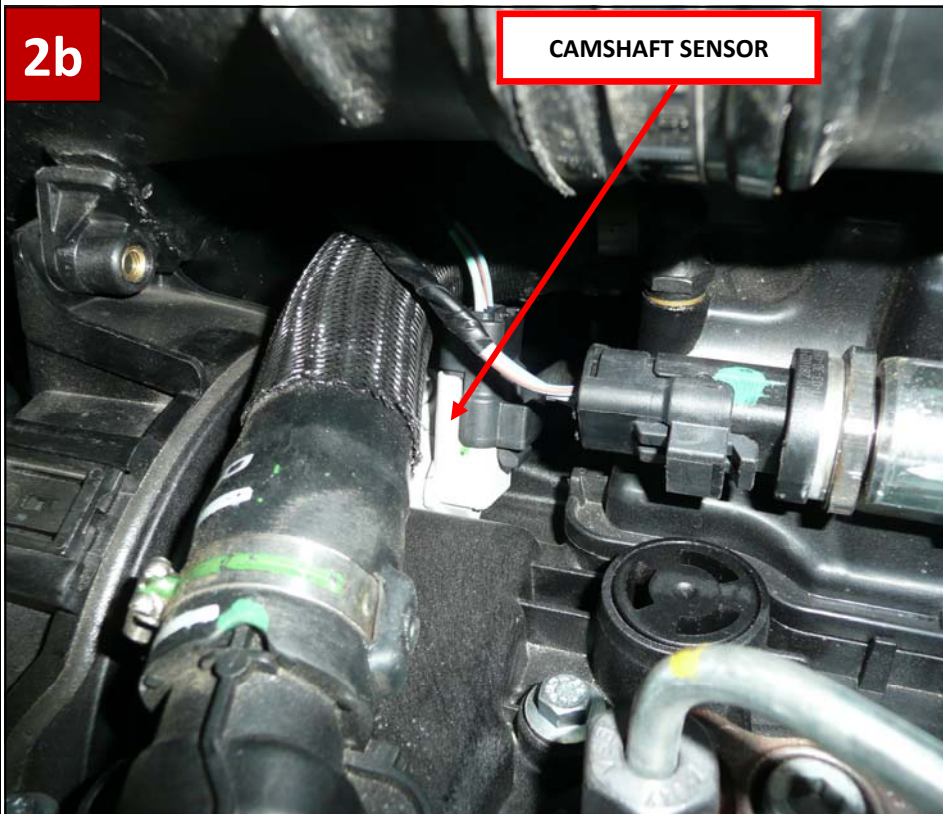
2a



## 2. camshaft sensor

- ◇ The camshaft sensor is located at the rear of the engine near the rail pressure sensor

2b



- ◇ 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

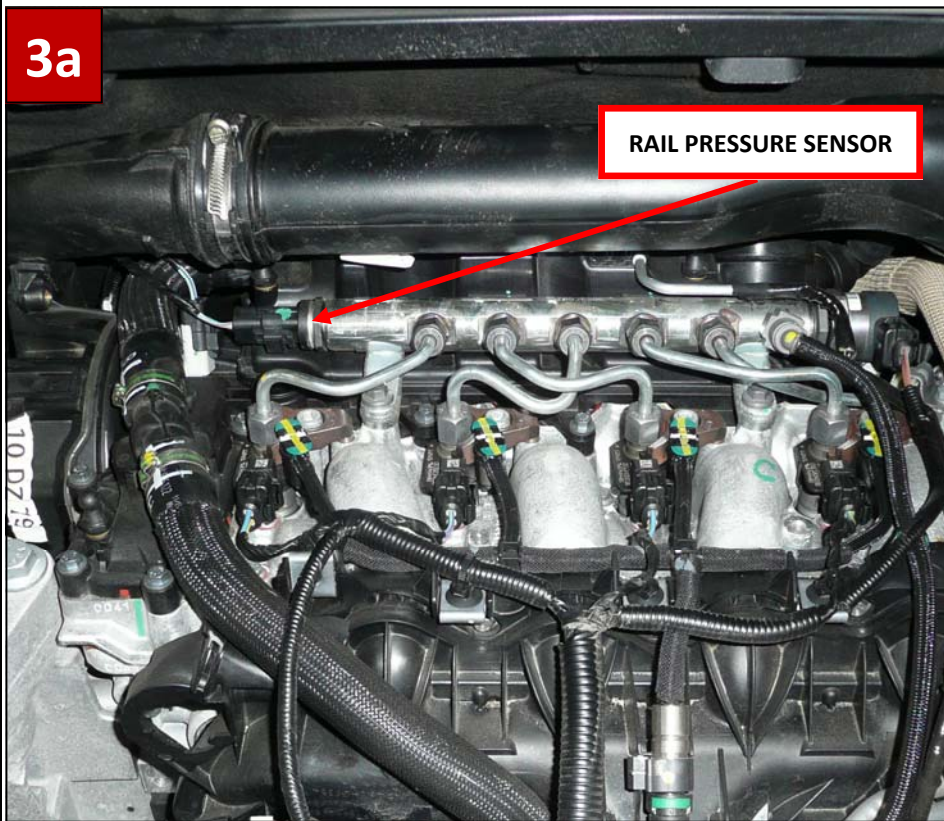
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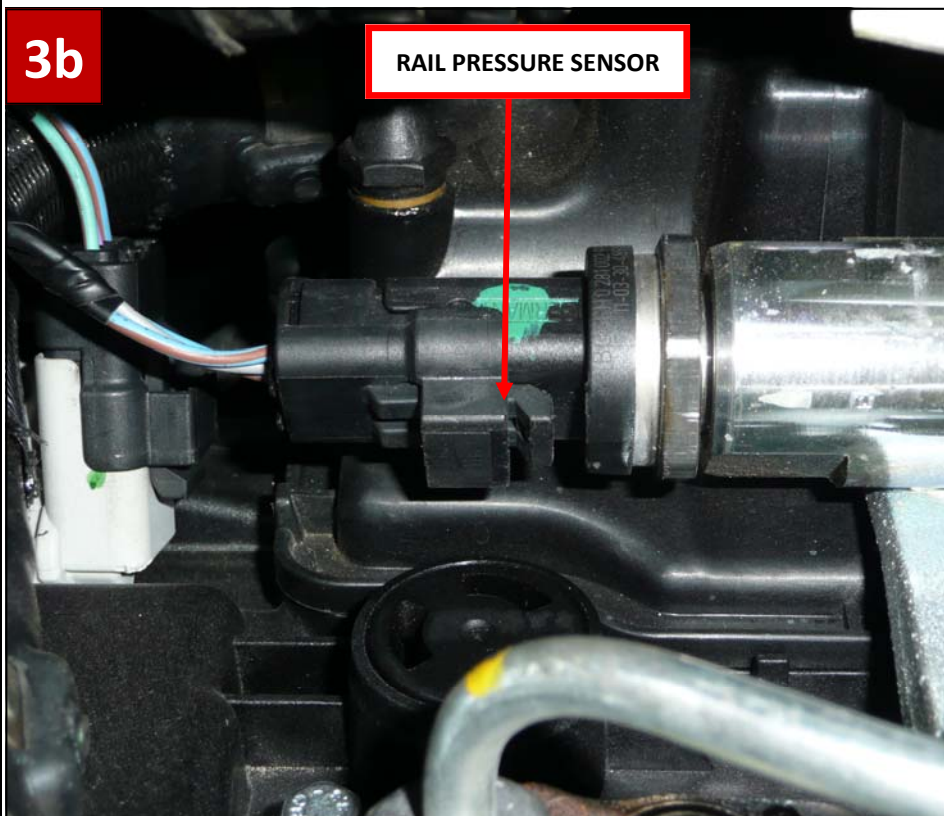
**3a**



## 3. rail pressure sensor

- ◇ The rail pressure sensor is located on the common rail pipe on the rear of the engine

**3b**



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



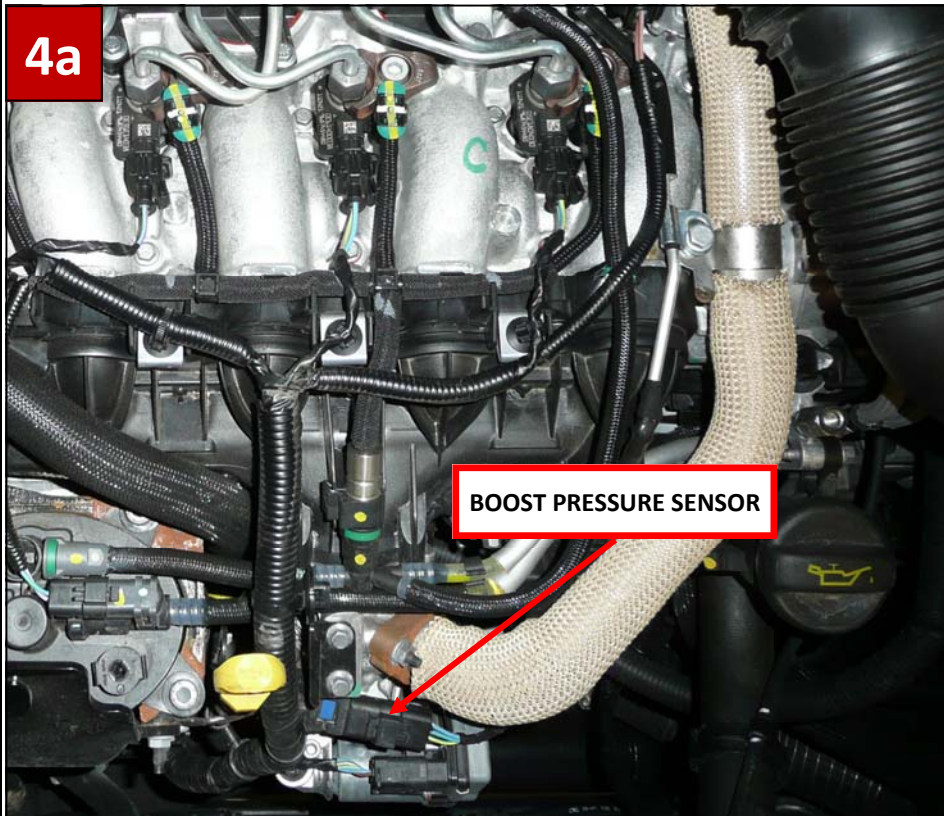
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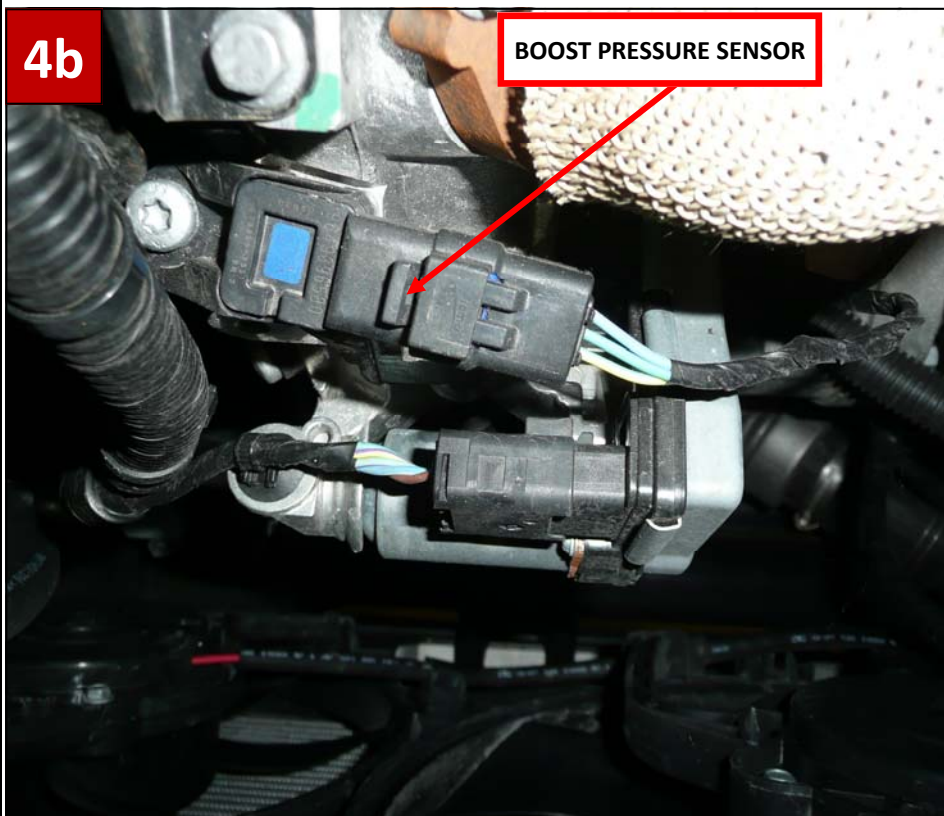
4a



## 4. boost pressure sensor

- ◇ The boost pressure sensor is located on the front part of the engine.

4b



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

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## 5. Battery

- ◇ Connect the red wire from the new harness to the positive terminal of the battery
- ◇ Connect the black wire from the new harness to the negative pole of the battery

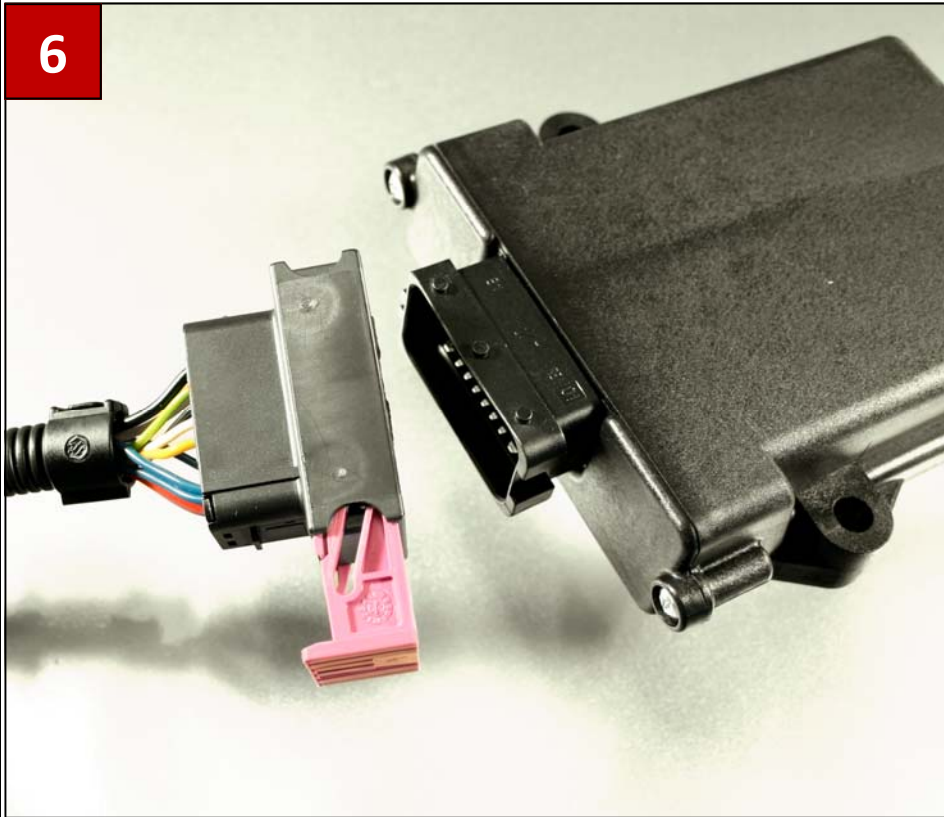
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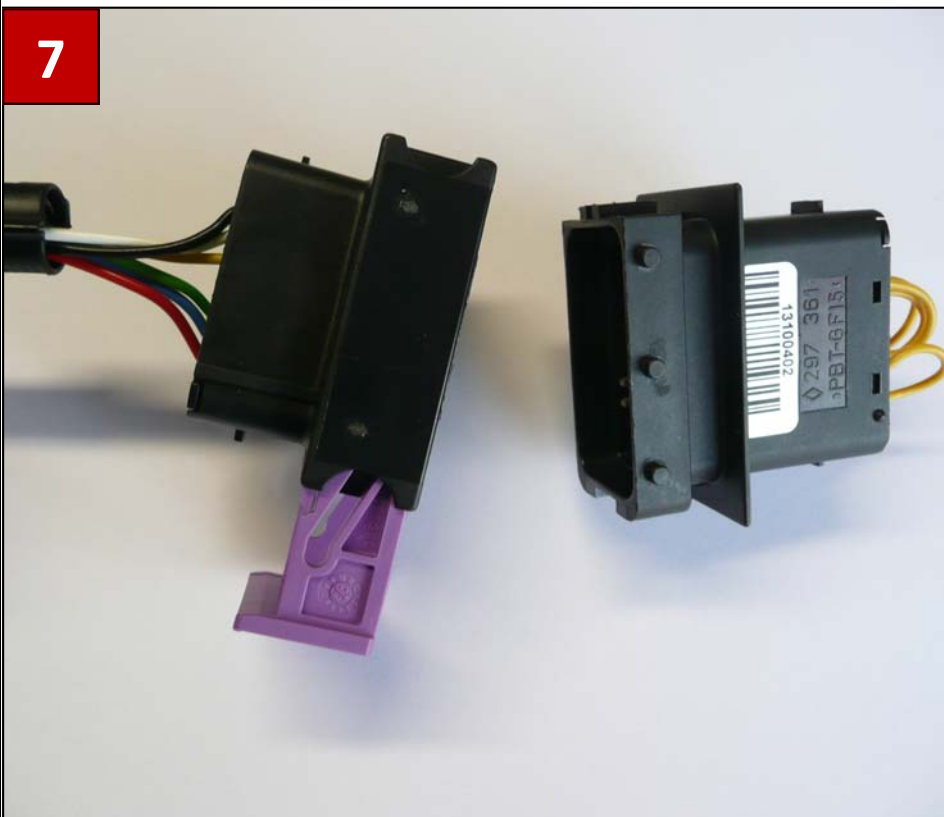
6



## 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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## 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.