

# Installation guide

Toyota 3.0 D-4D  
Land Cruiser



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	Tuningbox
1x	loom
1x	Bridge plug
1x	Fastening kit



1. Open the hood.
2. Turn the ignition off!
3. Remove the ignitionkey!
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 **electostatic 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.

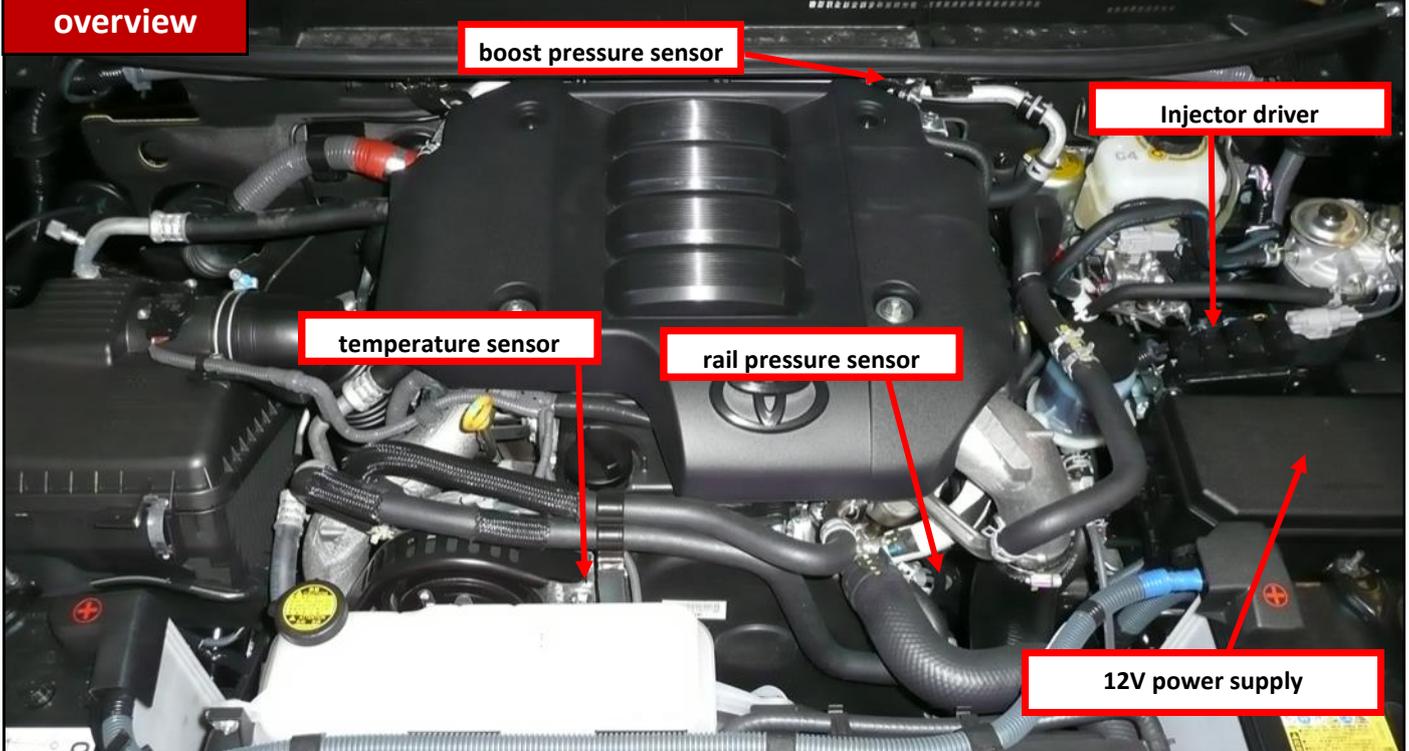
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## overview



### overview:

The chiptuning box is attached to the following points:

- boost pressure sensor
- Injectpr driver
- rail pressure sensor
- temperature sensor
- 12V power supply

### Necessary tools:

- cutters

### 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

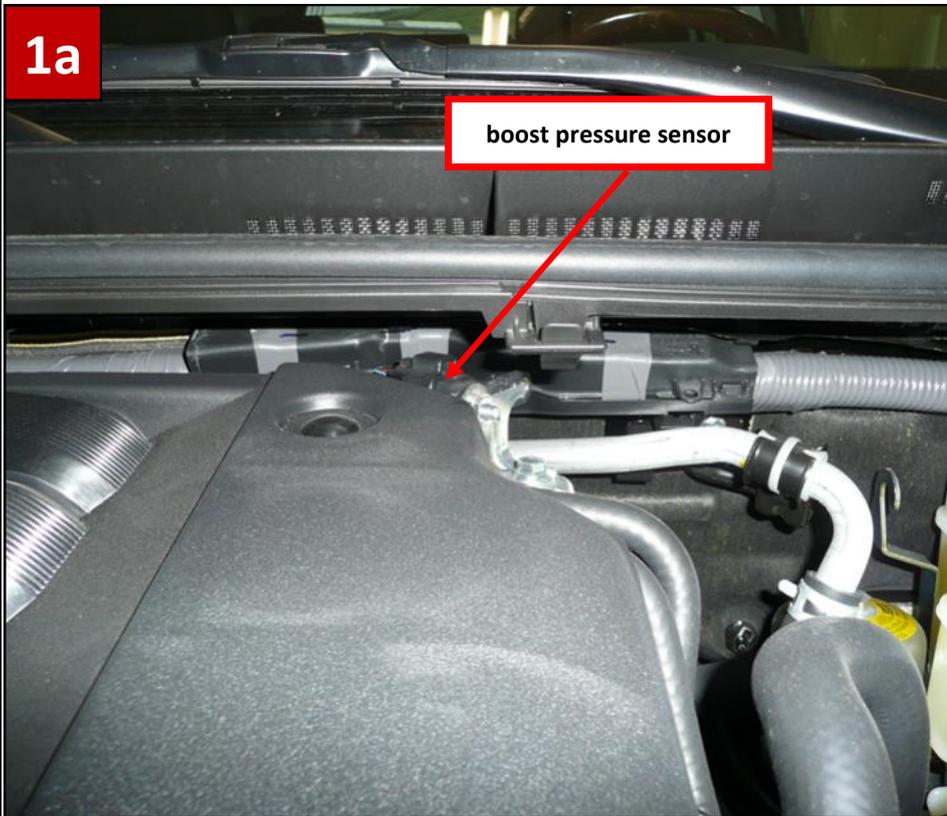
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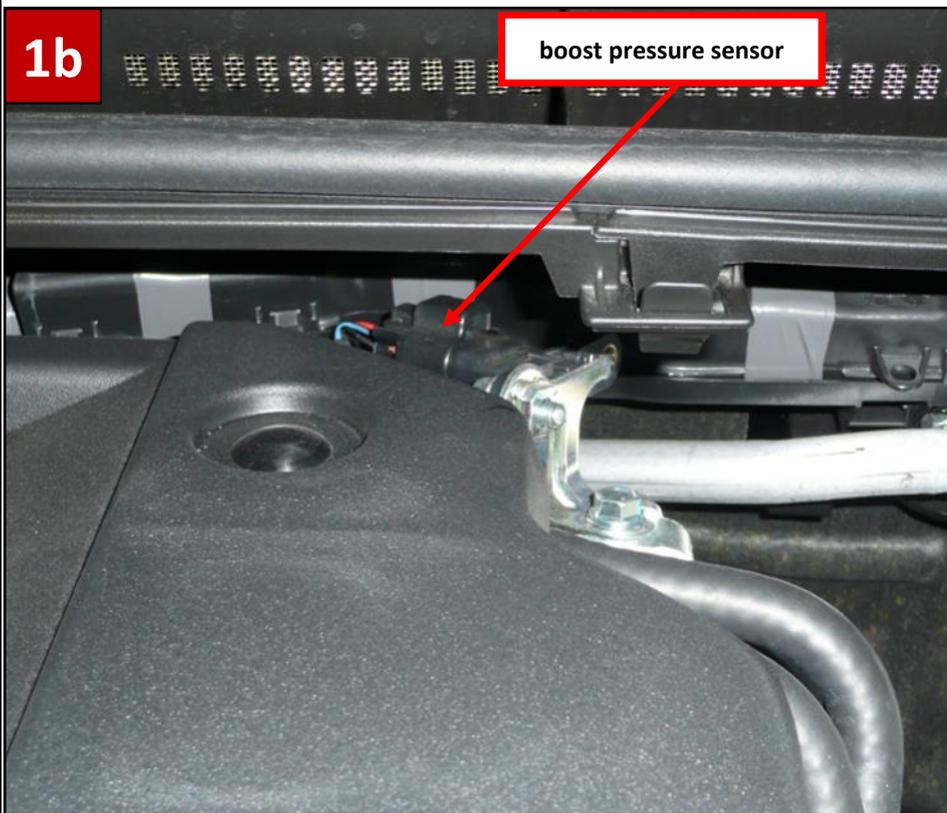
1a



## 1. boost pressure sensor

◇ The boost pressure sensor is located at the rear part of the engine.

1b



- ◇ Disconnect the plug from the boost pressure sensor.
- ◇ Plug the provided cable loom between the now separated connectors.
- ◇ Connect the plug of the new loom to the boost pressure sensor.

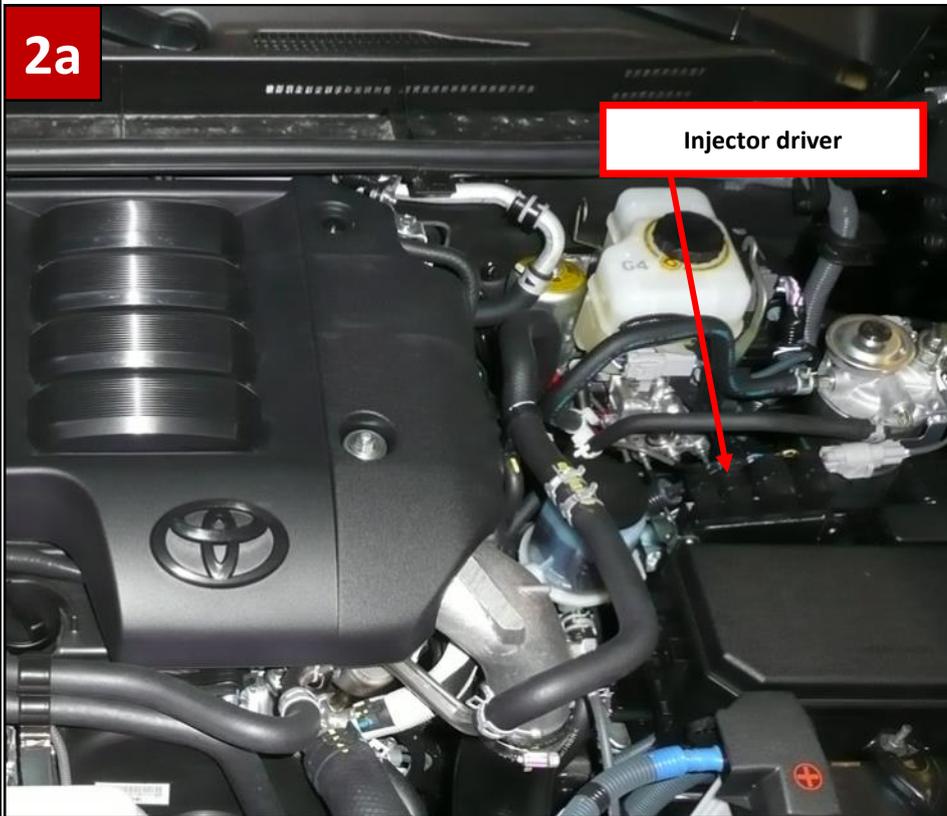
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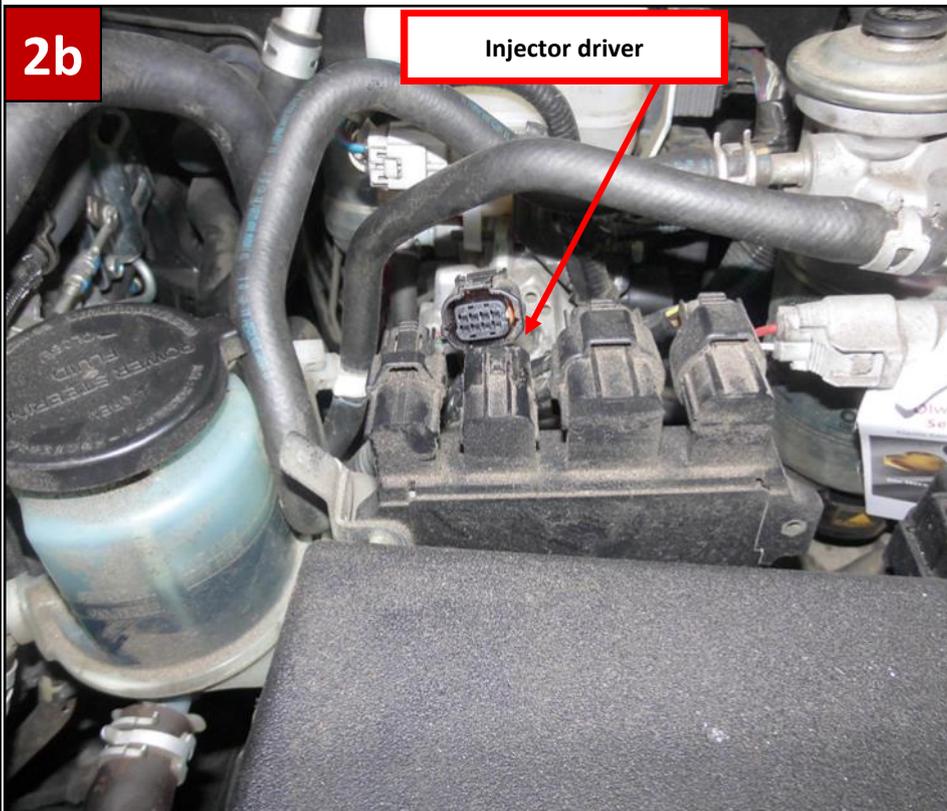
2a



## 2. injector driver

- ◇ Disconnect the plug from the injector driver.
- ◇ Plug the provided cable loom between the now separated.
- ◇ Connect the plug of the new loom to the injector driver.

2b



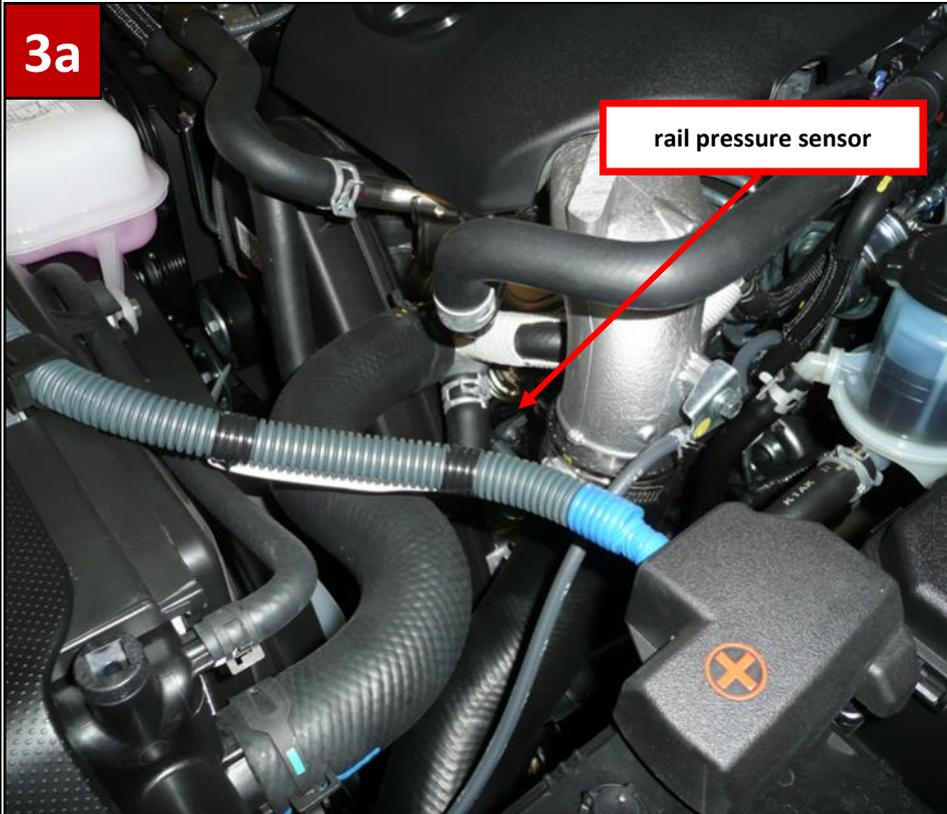
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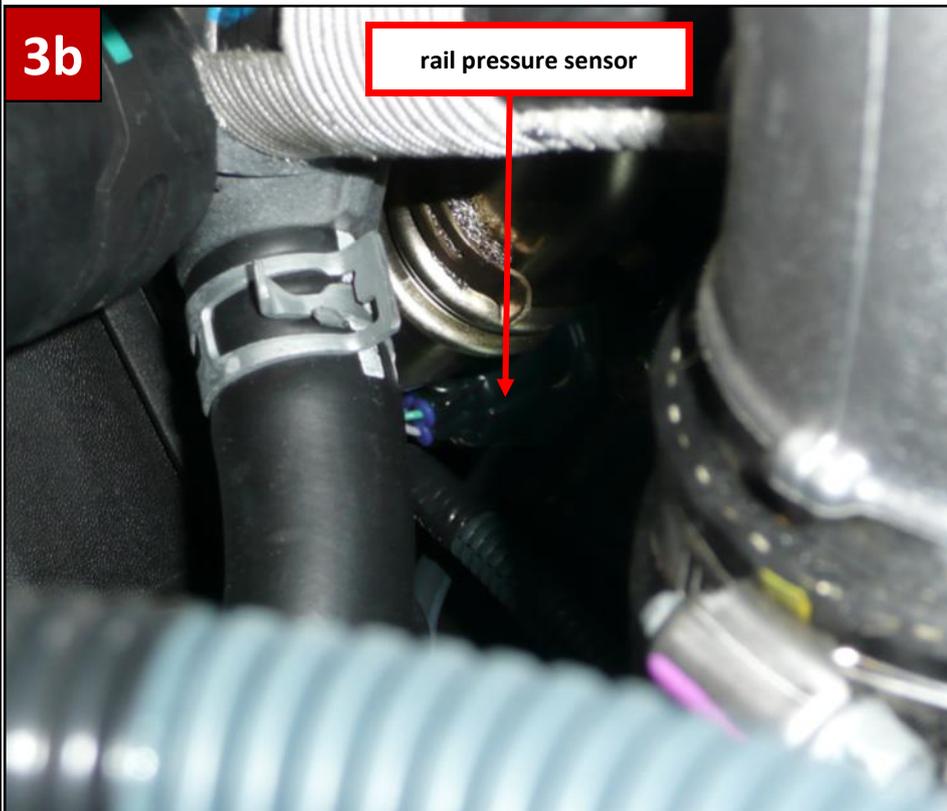
3a



### 3. rail pressure sensor

- ◇ The rail pressure sensor is located directly on the common rail pipe.
- ◇ NOTE: The rail pressure sensor is located below the cooling tube.

3b



- ◇ Disconnect the plug from the rail pressure sensor.
- ◇ Plug the provided cable between the now separated connectors.
- ◇ Connect the plug of the new loom to the rail pressure sensor.

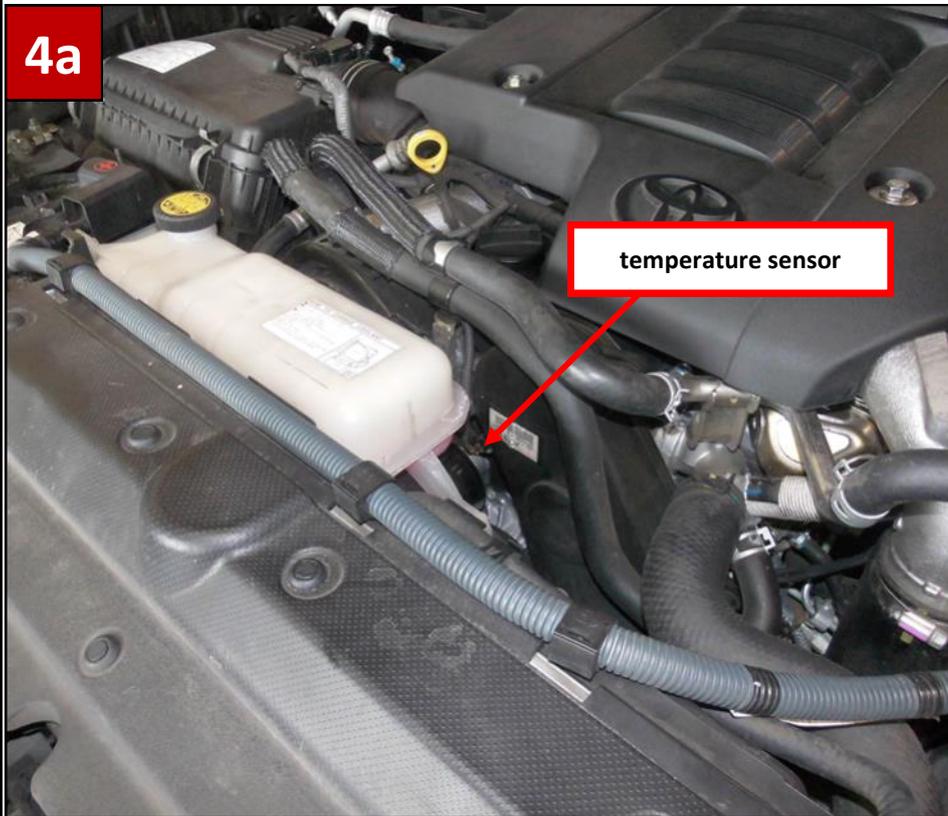
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4a



## 4. temperature sensor

- ◇ Disconnect the plug from the temperature sensor.
- ◇ Plug the provided cable loom between the now separated connectors.
- ◇ Connect the plug of the new loom to the boost pressure sensor.

4b



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## 5. 12V power supply

- ◇ Connect the red wire of the supplied harness to the positive terminal of the battery.
- ◇ Connect the black wire of the supplied wire harness to the negative pole of the battery.

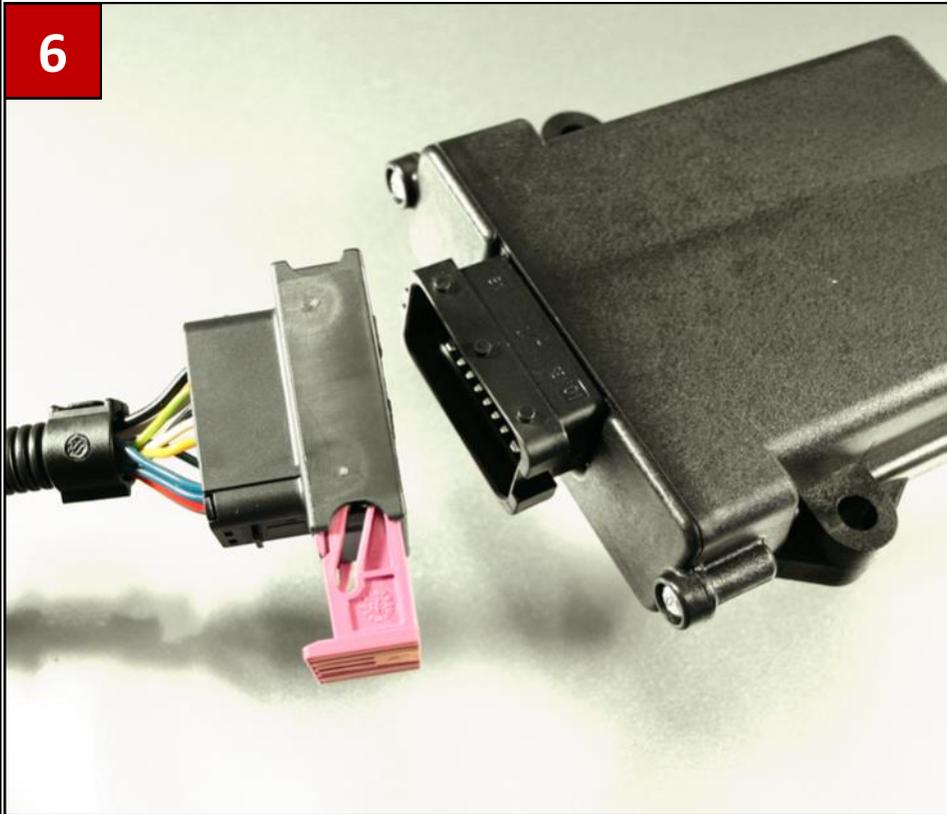
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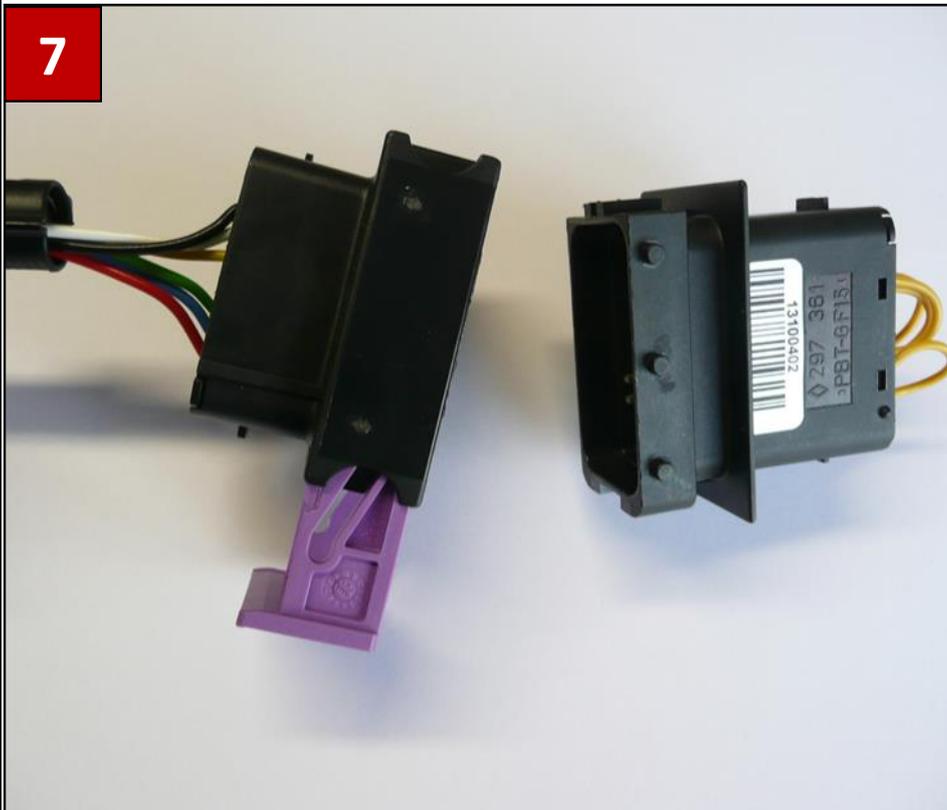
6



## 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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## 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.