

Installation instructions

Toyota RAV4 2.2 Diesel

110 kW 150 PS



14109938

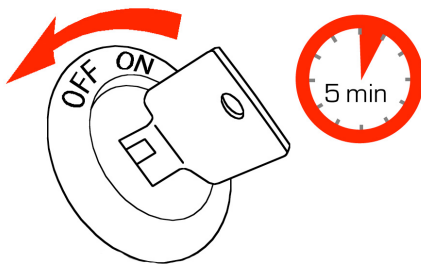
The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements.

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 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 **vibration-less** place. Do not make any changes at the tuning-kit!

Do not expand or shorten the loom.

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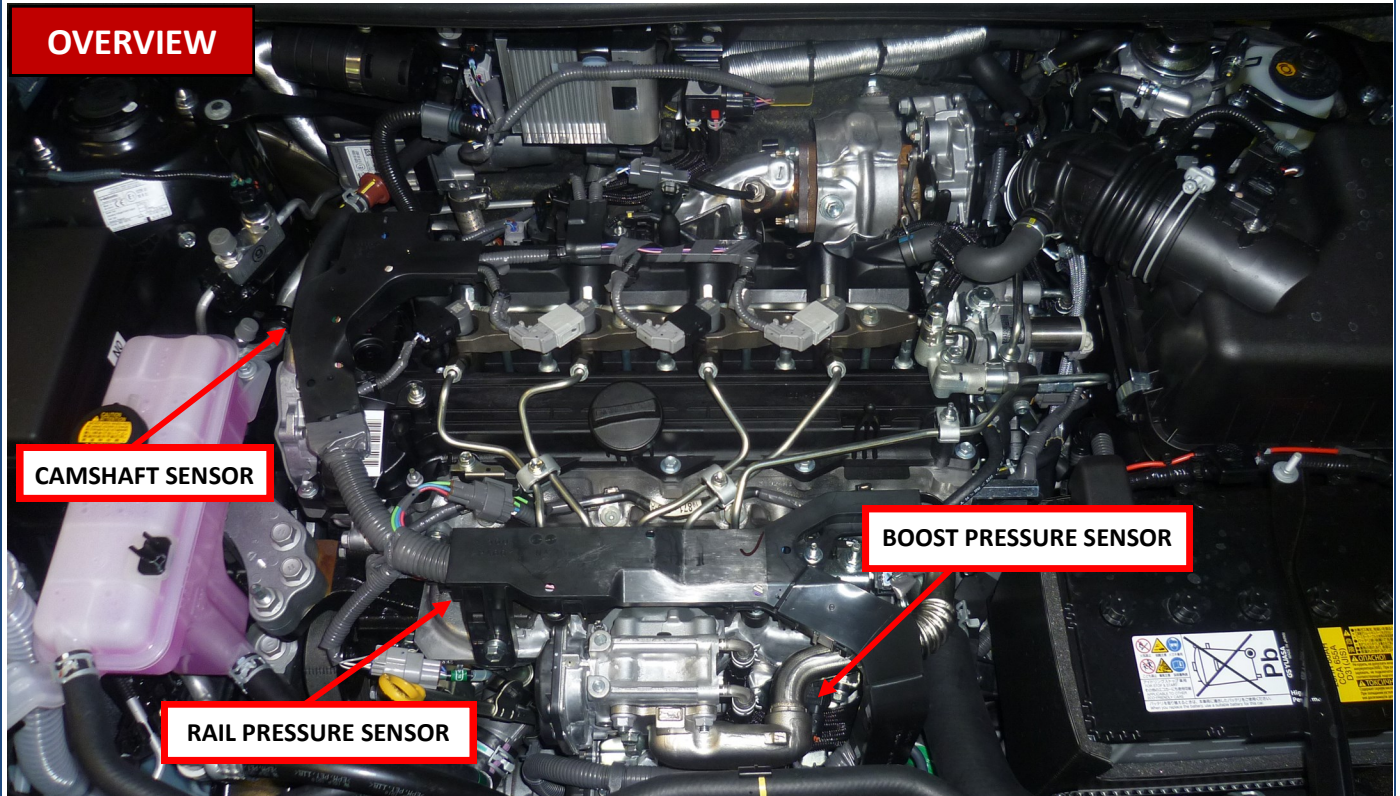
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OVERVIEW



overview:

The chiptuning box is attached to the following points:

- rail pressure sensor
- boost pressure sensor
- Camshaft sensor

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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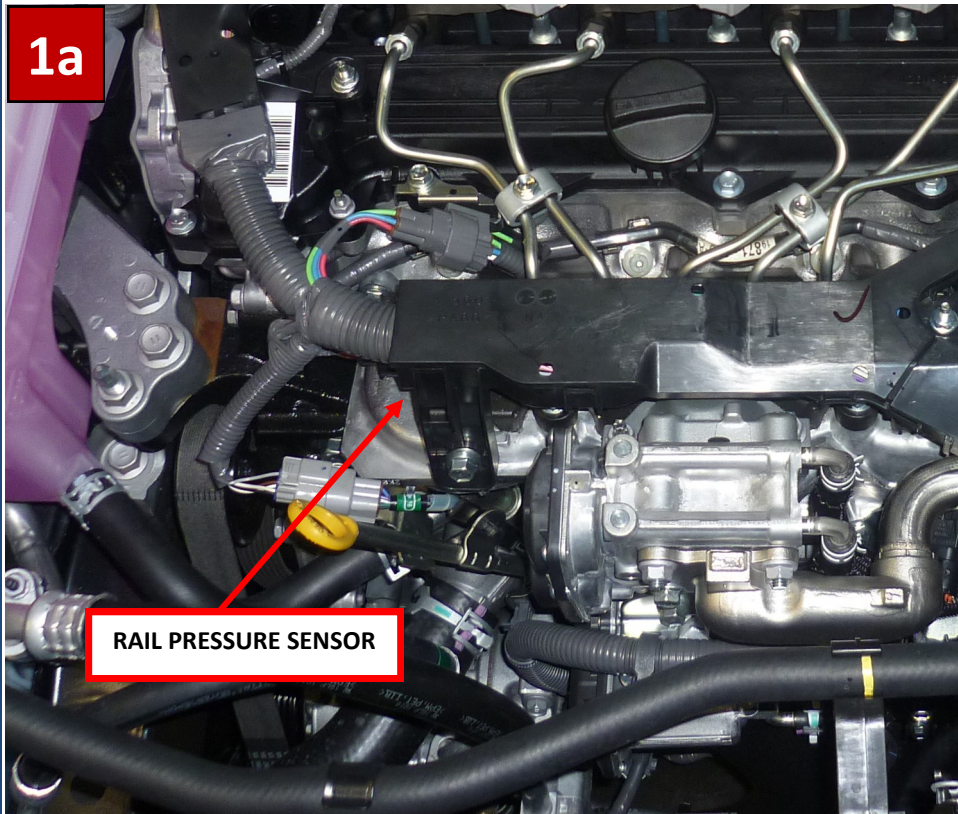
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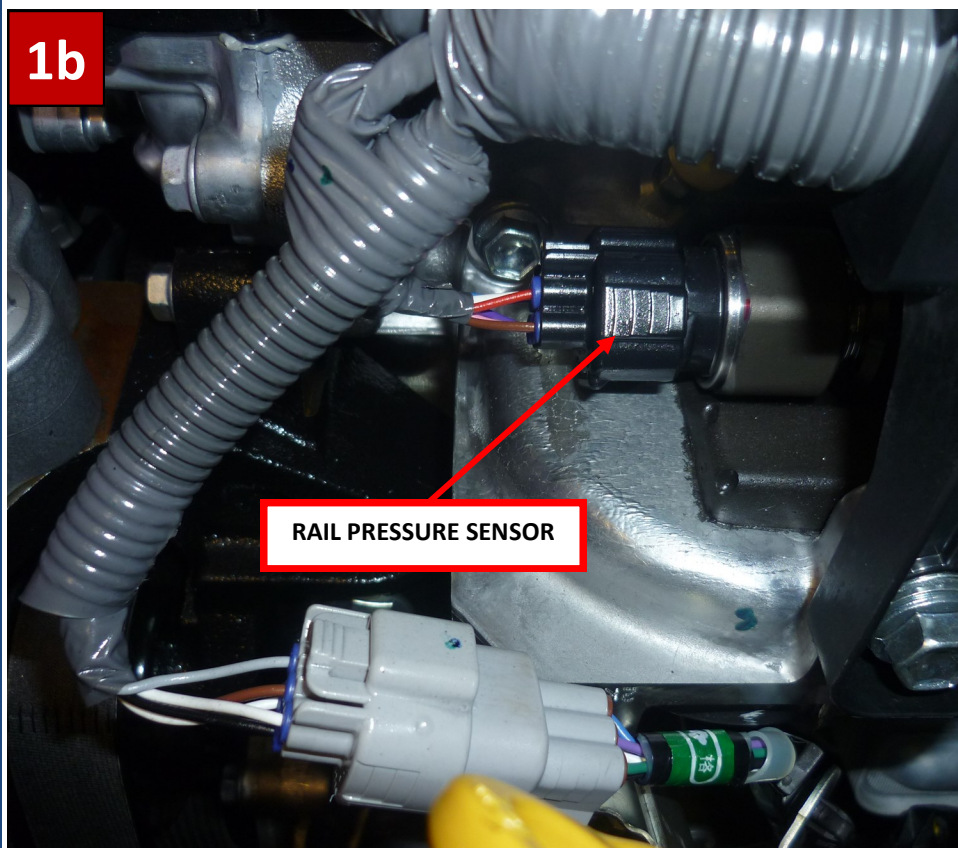
1a



1. rail pressure sensor

- ◇ 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

1b



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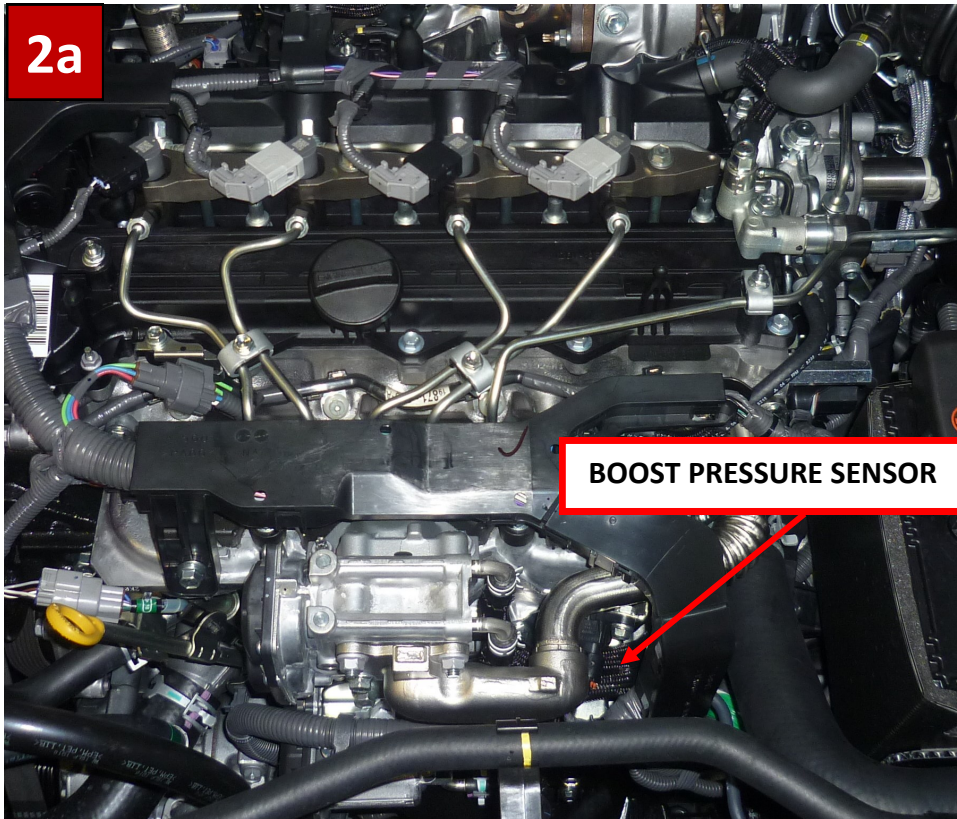
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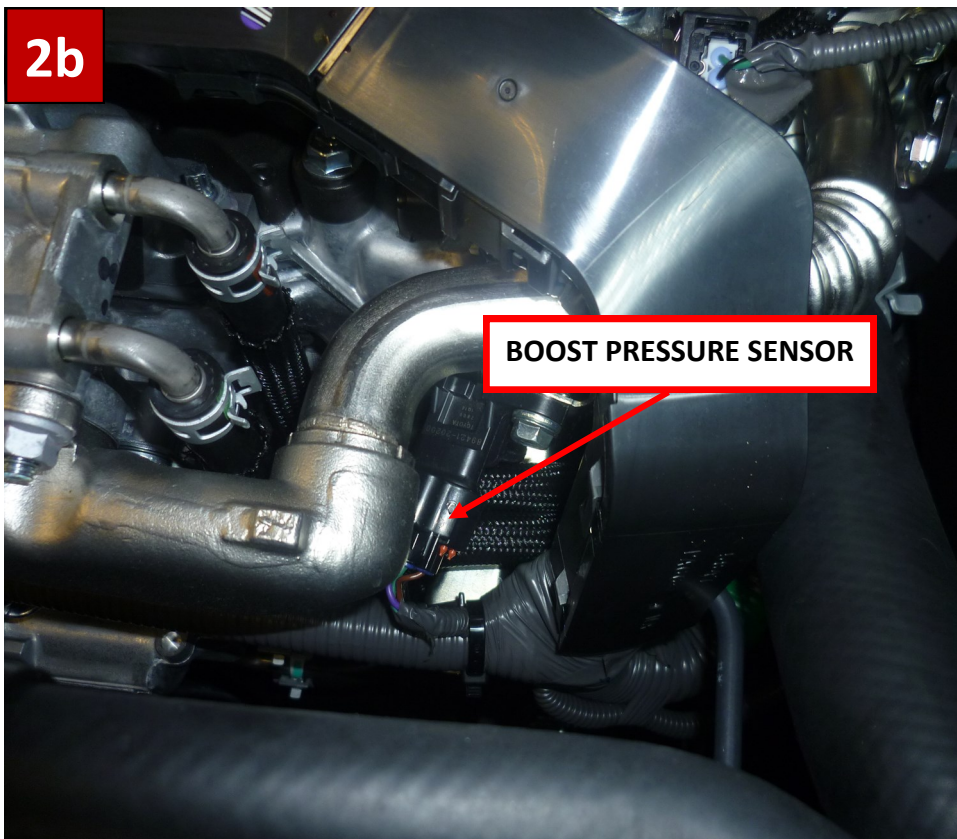
2a



2. boost pressure sensor

- ◇ 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

2b



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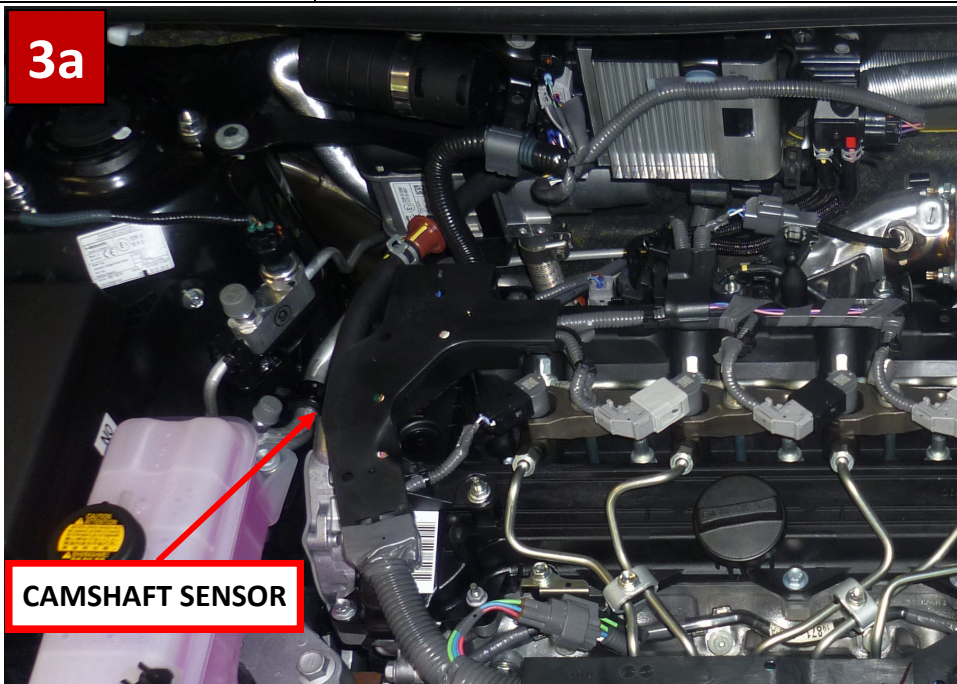
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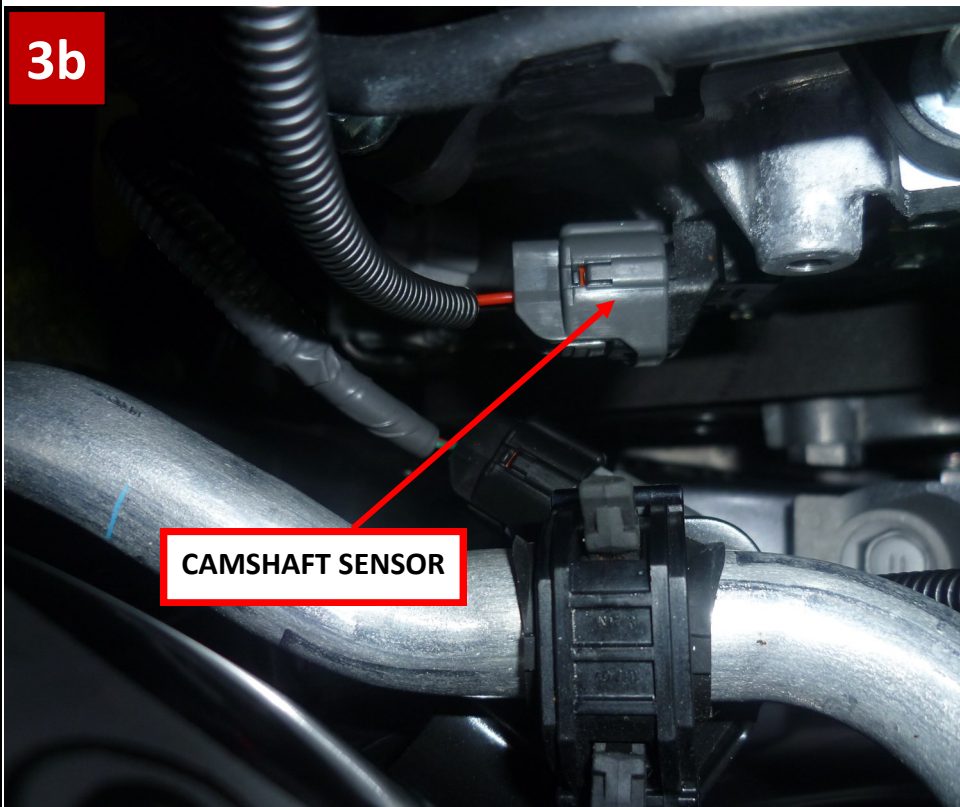
3a



3. 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

3b



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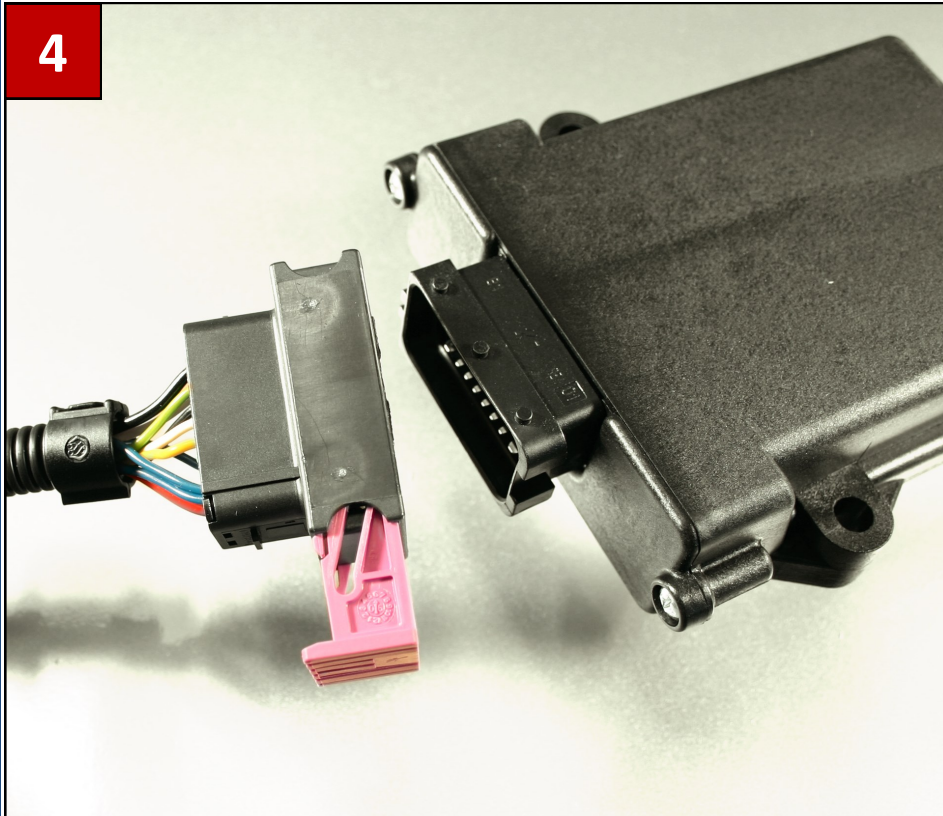
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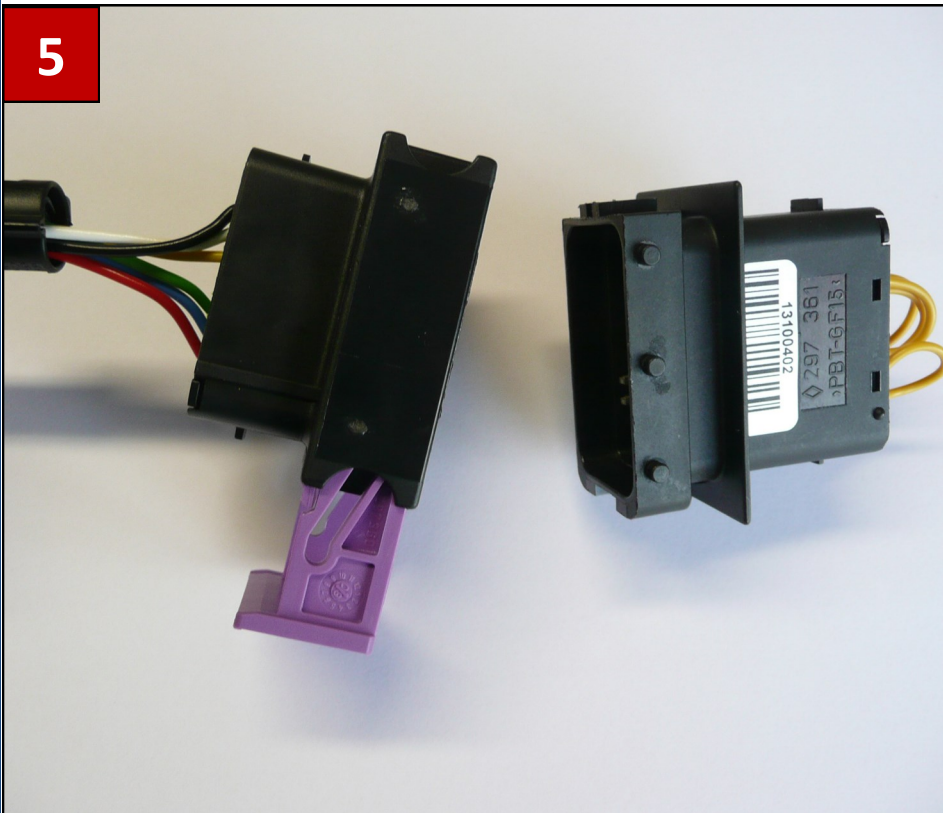
4



3. 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

5



4. 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.