

Installation instructions

KIA / Hyundai
1.7 CRDi



14109660

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.

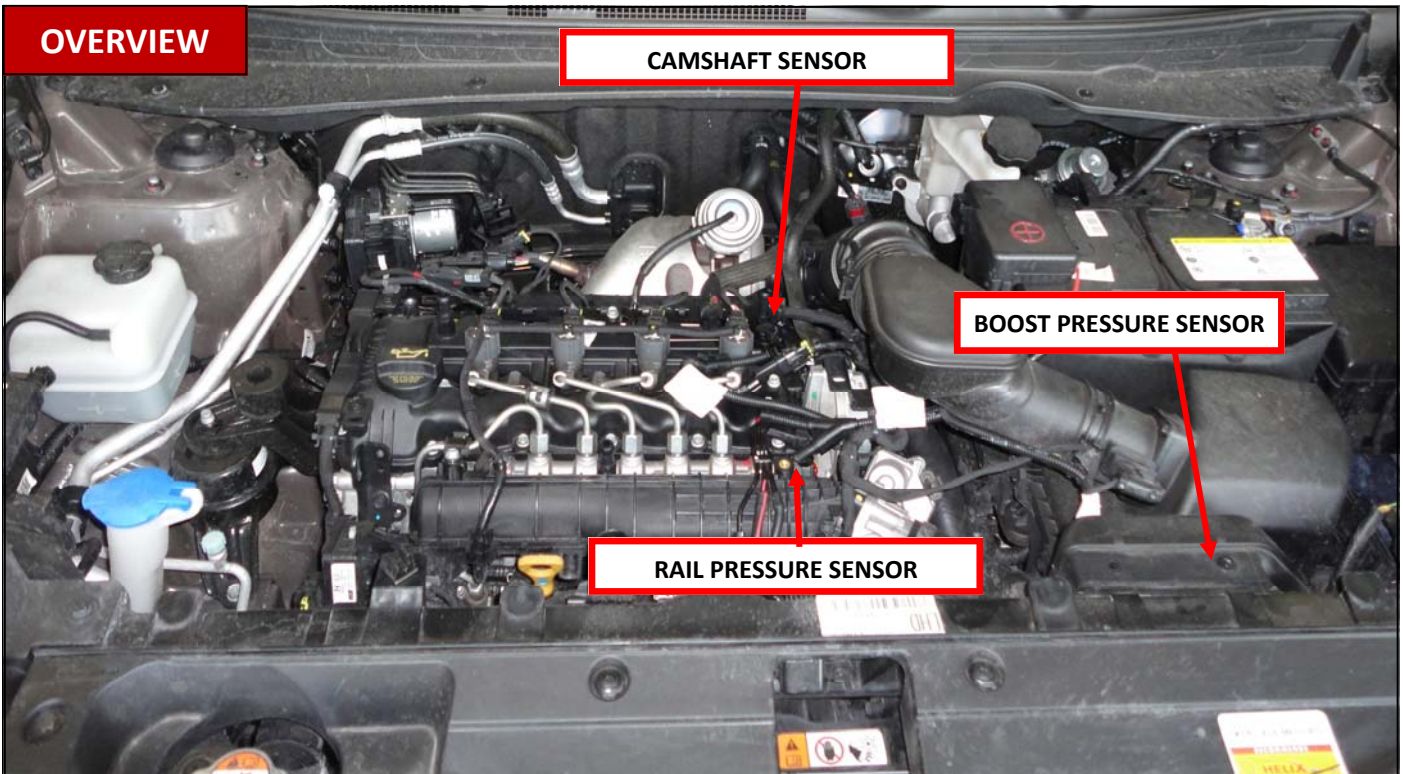
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OVERVIEW



overview:

The chiptuning box is attached to the following points:

- camshaft position sensor
- boost pressure sensor
- rail pressure sensor

Necessary tools:

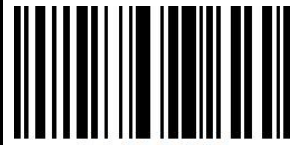
- cutters

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

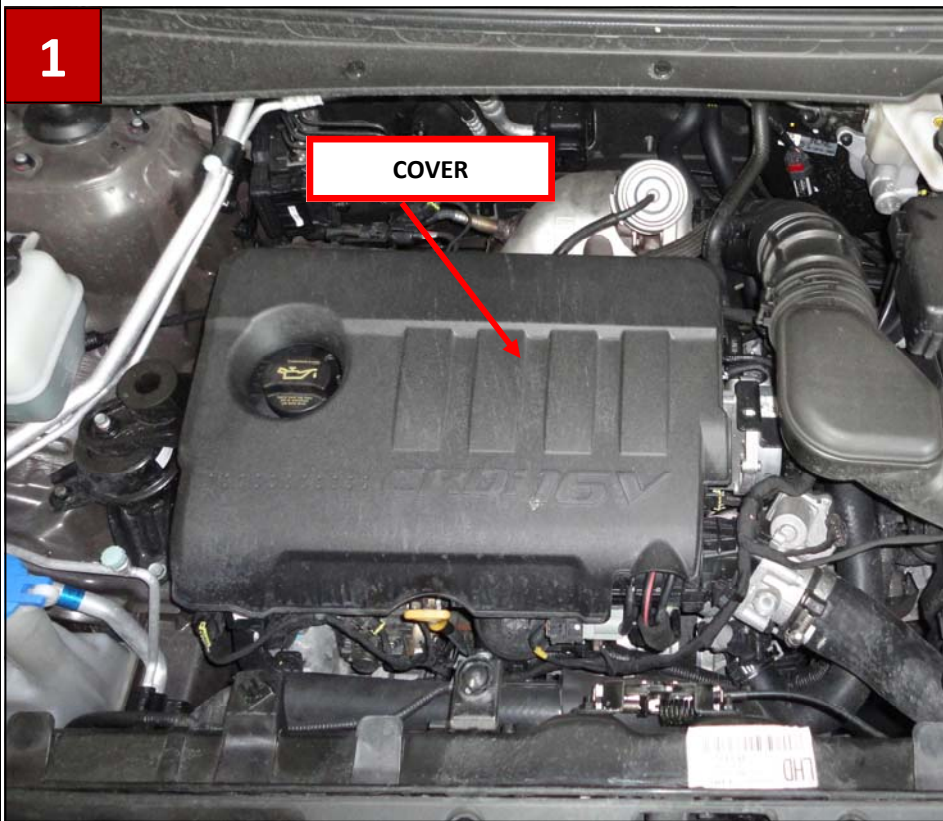
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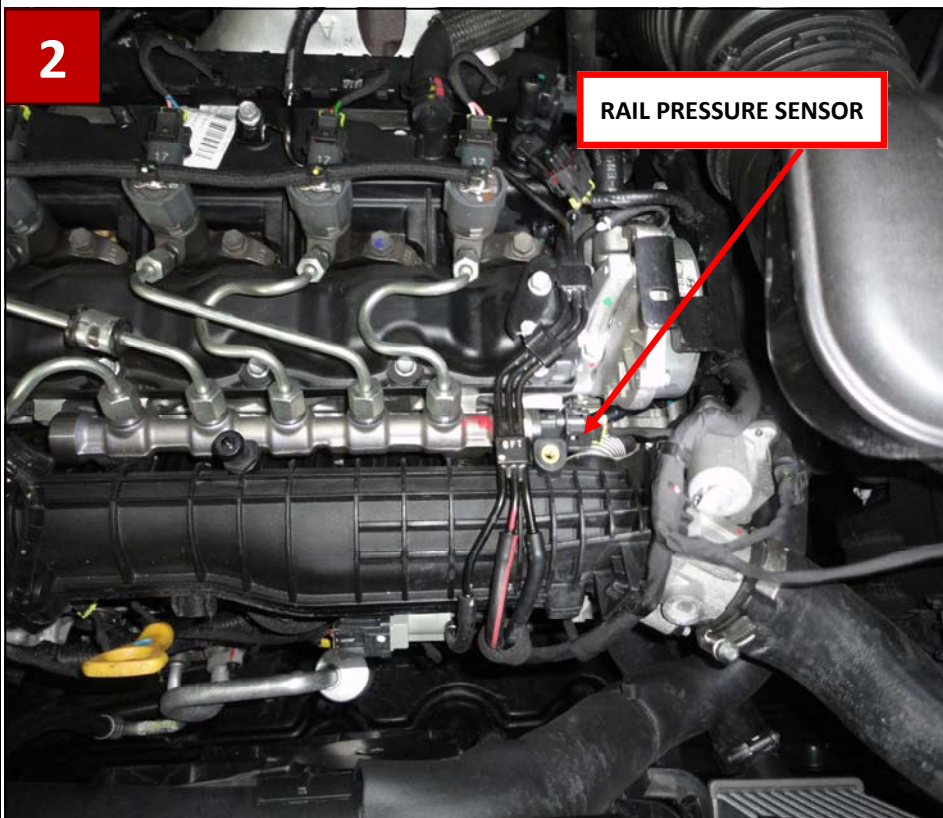
1



1. preparation

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

2



2. rail pressure sensor

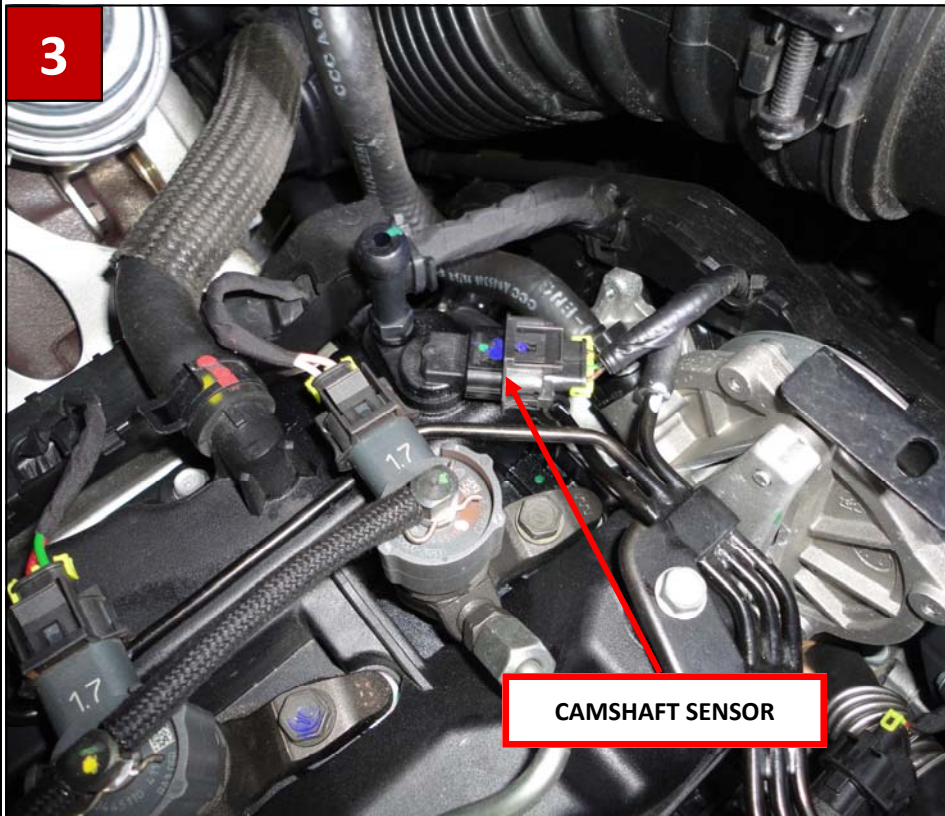
- ◇ Disconnect the plug from the rail pressure sensor.
- ◇ Attach the rail pressure sensor plug to the new loom
- ◇ Connect the plug of the new loom to the rail pressure sensor

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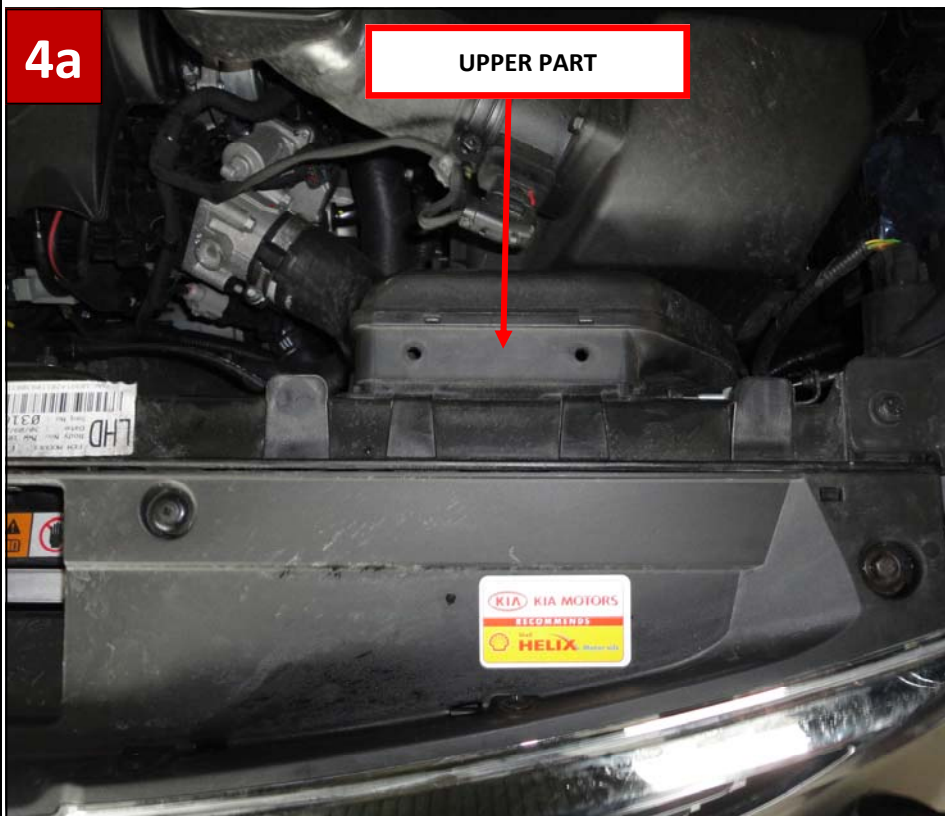


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3. camshaft sensor

- ◇ 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



4. boost pressure sensor

- ◇ The boost pressure sensor is located on the intercooler
- ◇ To get to the boost pressure sensor you have to remove the air supply pipe
- ◇ Loosen the two clips on the top and remove the top

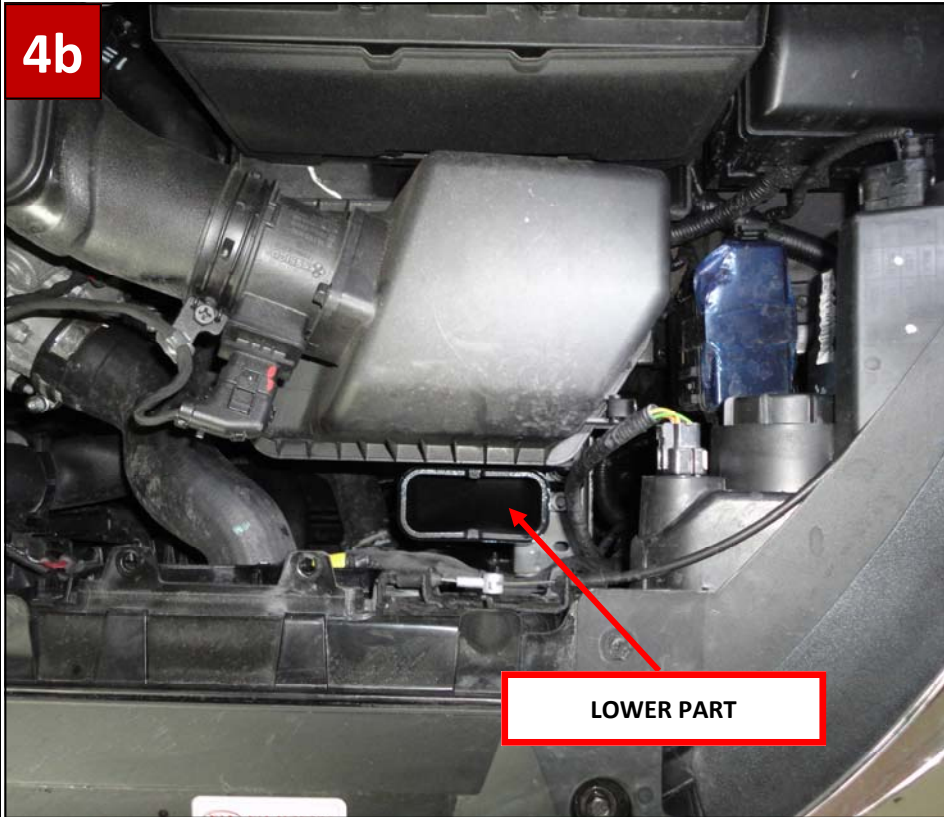
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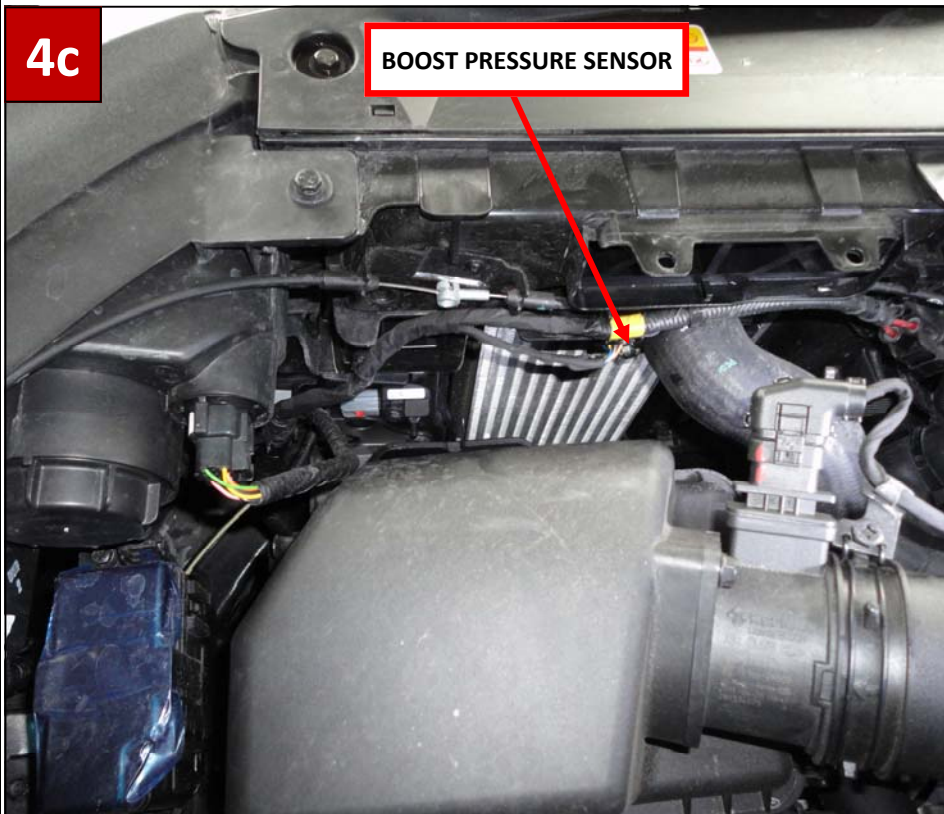
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4b



- ◇ Then carefully pull the lower part of the air intake tube from the air filter box from
- ◇ Now the intercooler is uncovered

4c



- ◇ 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

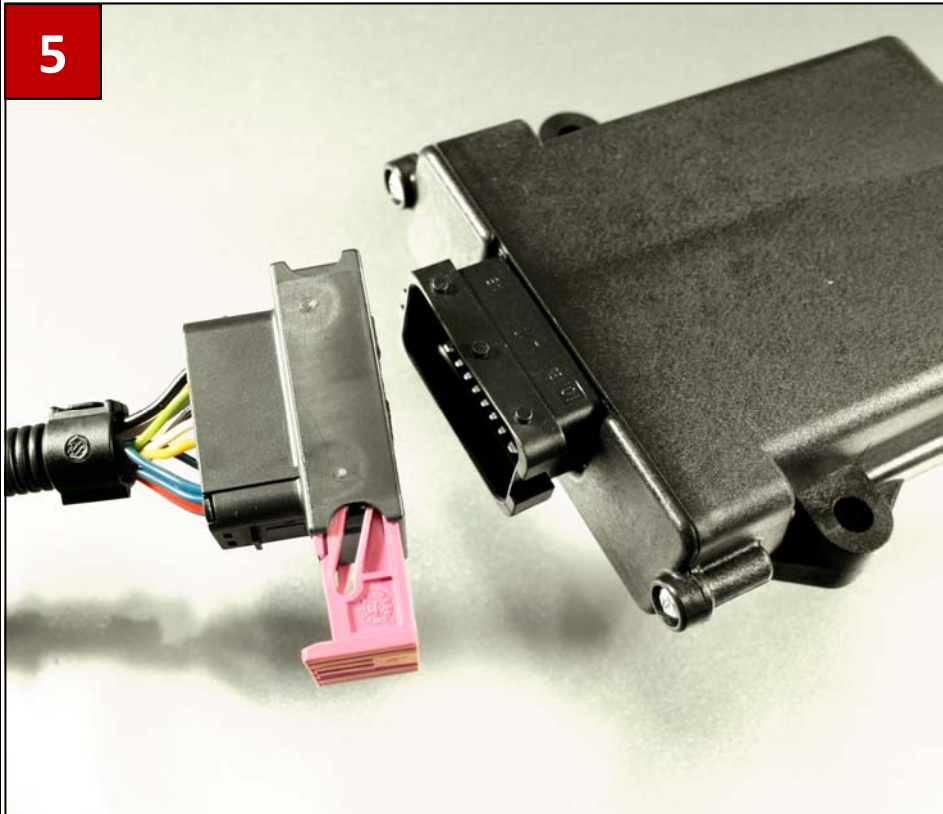
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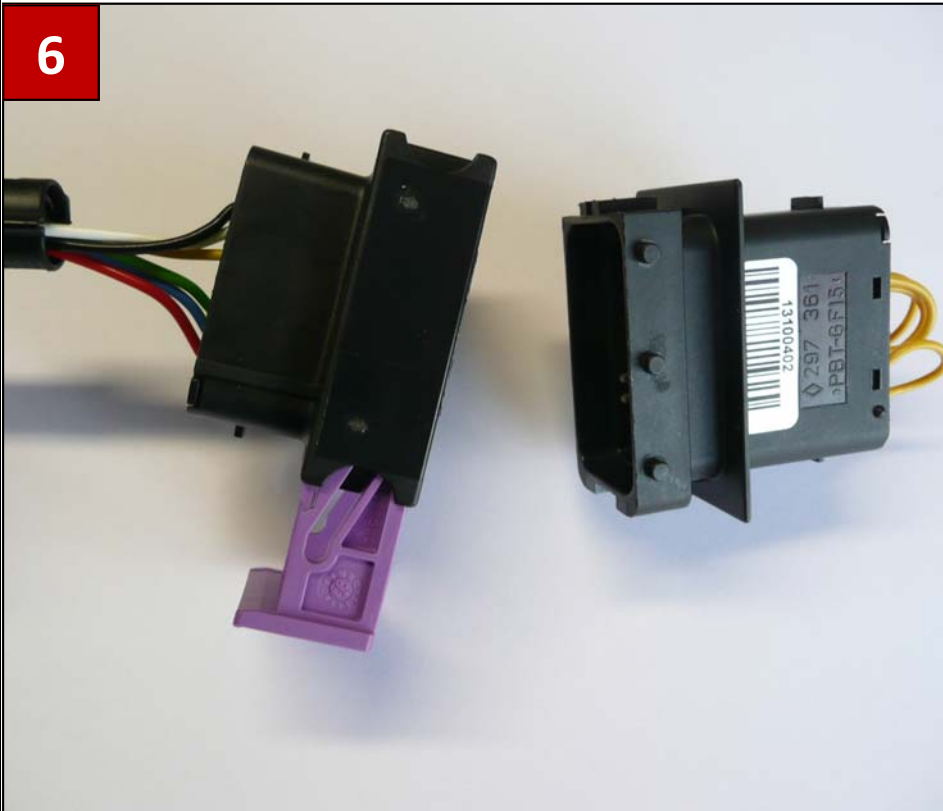
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5. tuningbox

- ◇ 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.