

EINBAUANLEITUNG

Toyota Land Cruiser

4.5l D4D 272 PS



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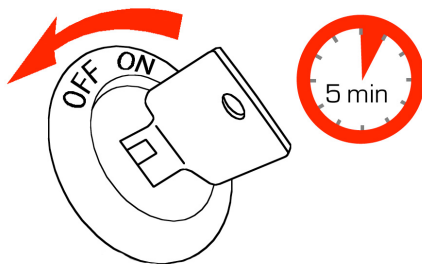
The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements.

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 **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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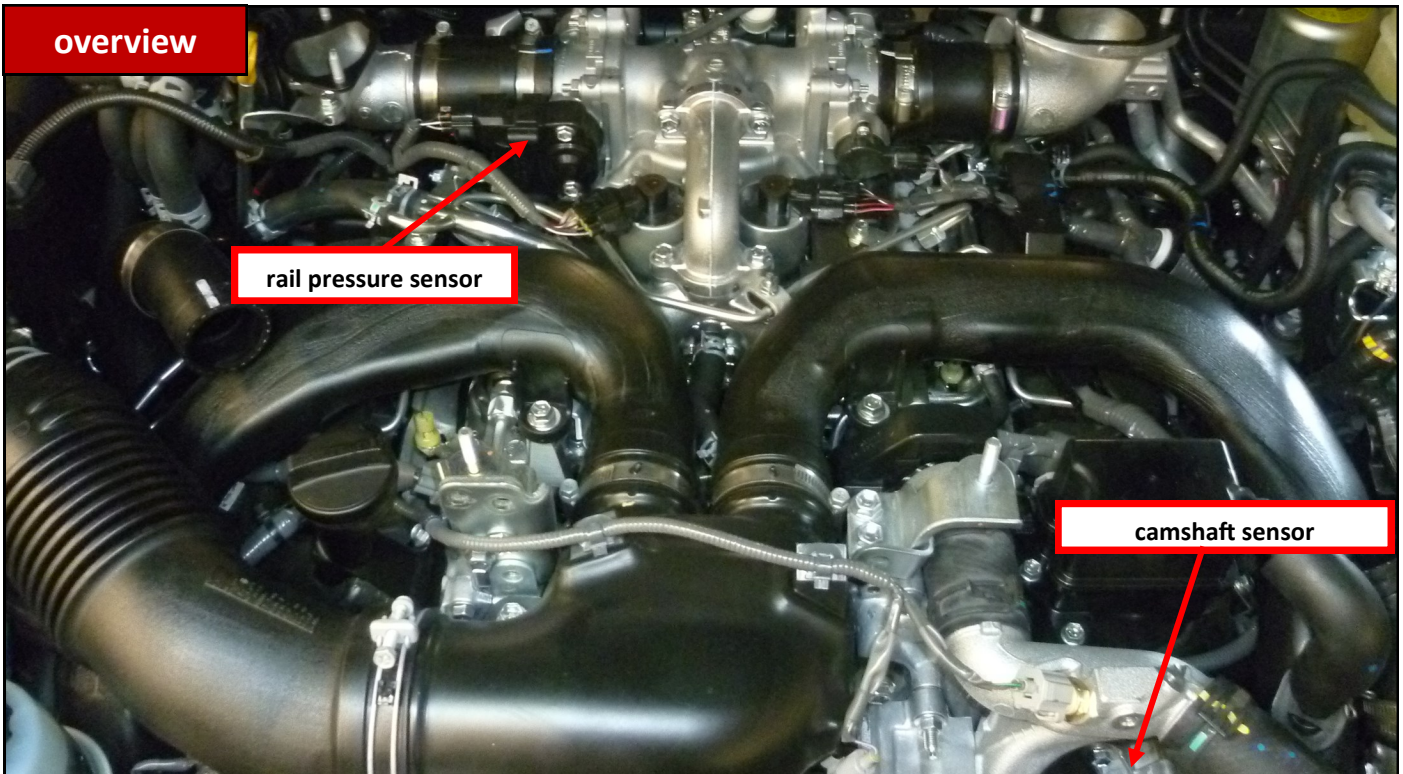
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overview



Overview:

The tuningkit has to be attached to the following points:

- **Boost pressure sensor (is located on the intercooler)**
- **Rail pressure sensor**
- **Camshaft sensor**

Required tools:

- **Cutter, Screwdriver, 10er nuts**

Preparation:

- Move the individual strands of the loom to the associated plug connectors
- Put the required tools by your side (if needed)
- Take the fastening material at your side

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1a



1. preparation

- ◇ To get to the rail pressure sensor and boost pressure sensor you need to remove the engine cover and the intercooler.
- ◇ Remove the engine cover by loosening the two screws (10 nuts)

1b



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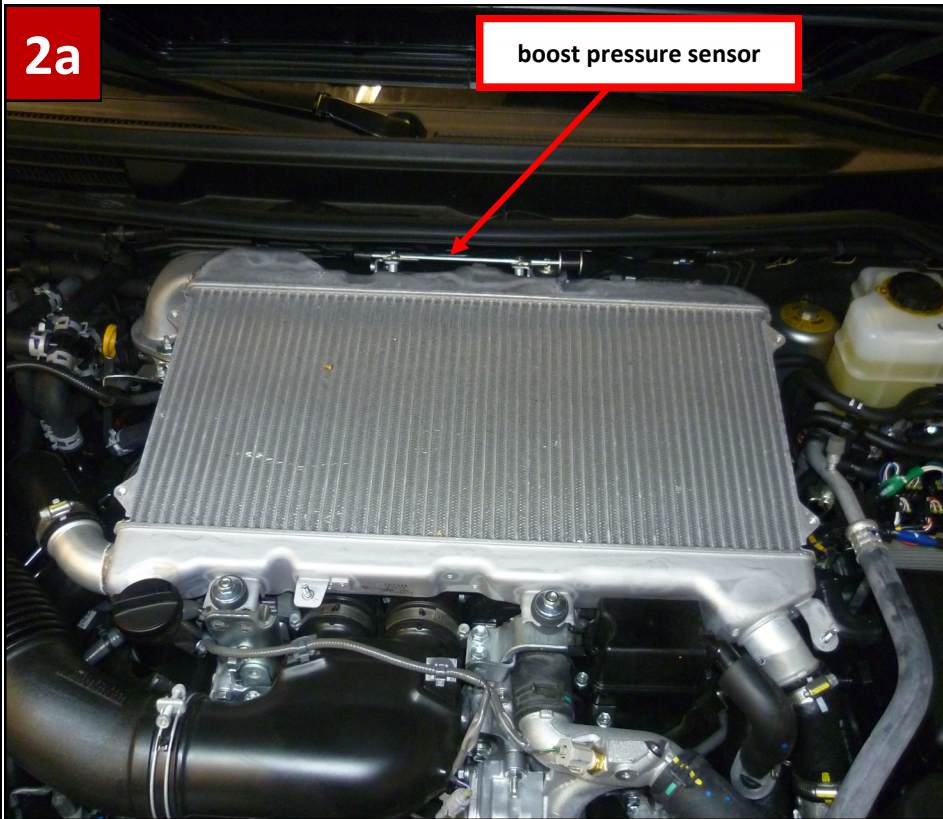
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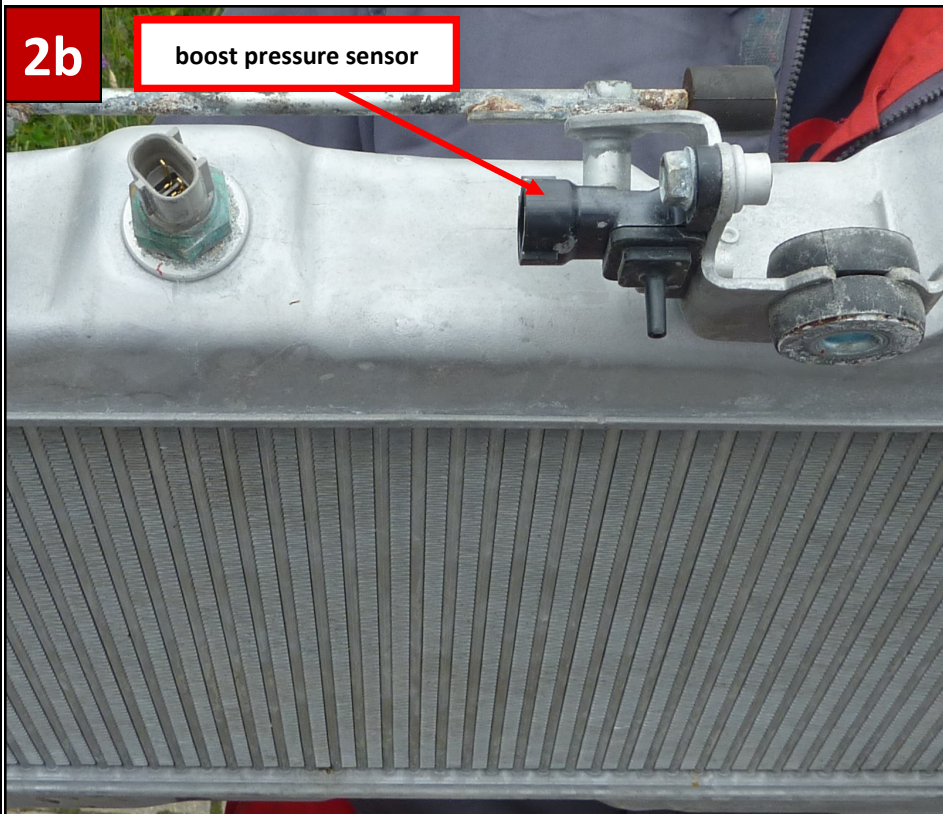
2a



2. boost pressure sensor

- ◇ The boost pressure sensor is located at the rear of the air charge cooler.
- ◇ Remove the charge air cooler to reach the sensor.

2b



- ◇ 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.

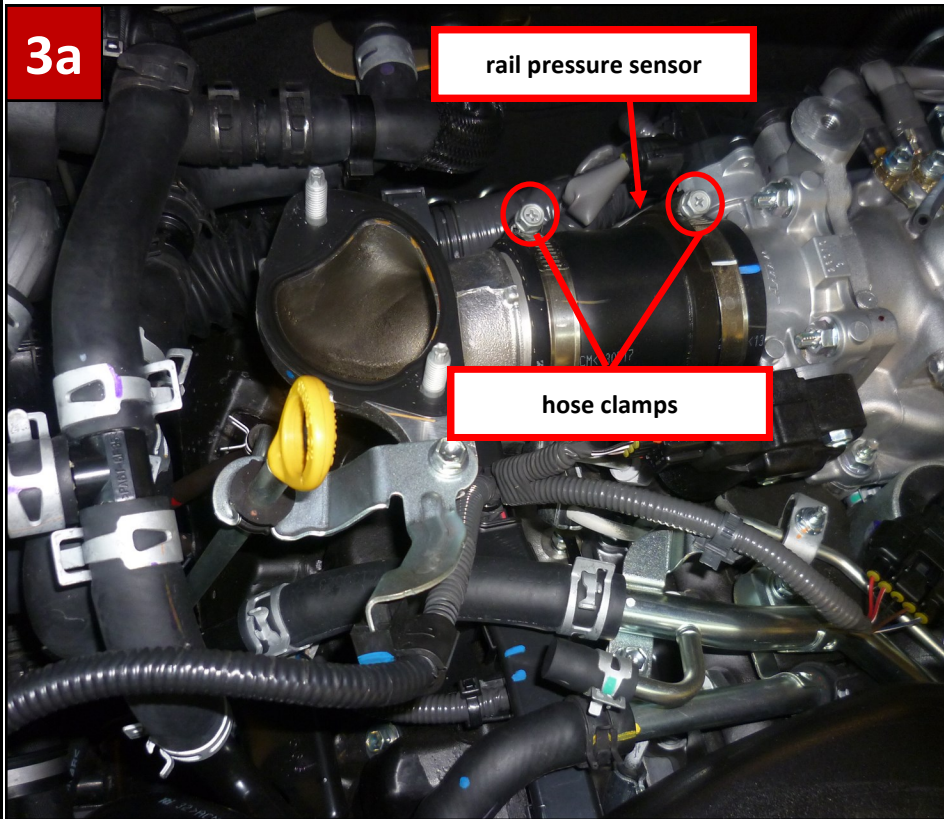
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3a

rail pressure sensor

hose clamps

3. rail pressure sensor

- ◇ In order to achieve the rail pressure sensor you need to remove the hose.
- ◇ To remove the hose, you must solve the 2 hose clamps.



3b

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.

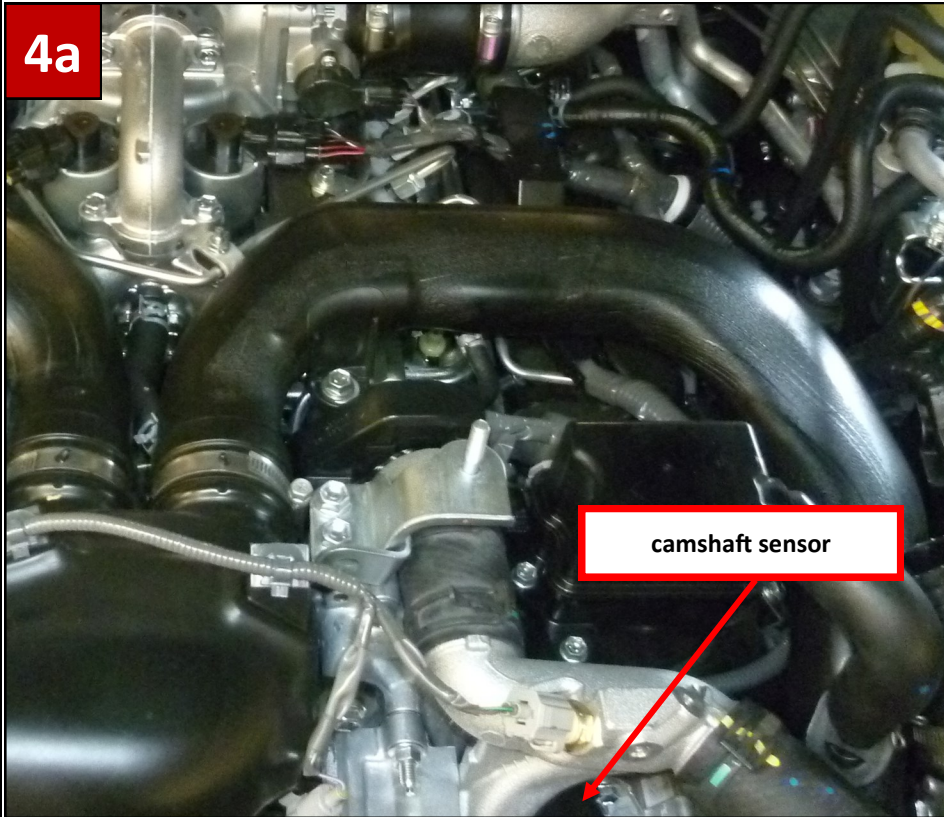
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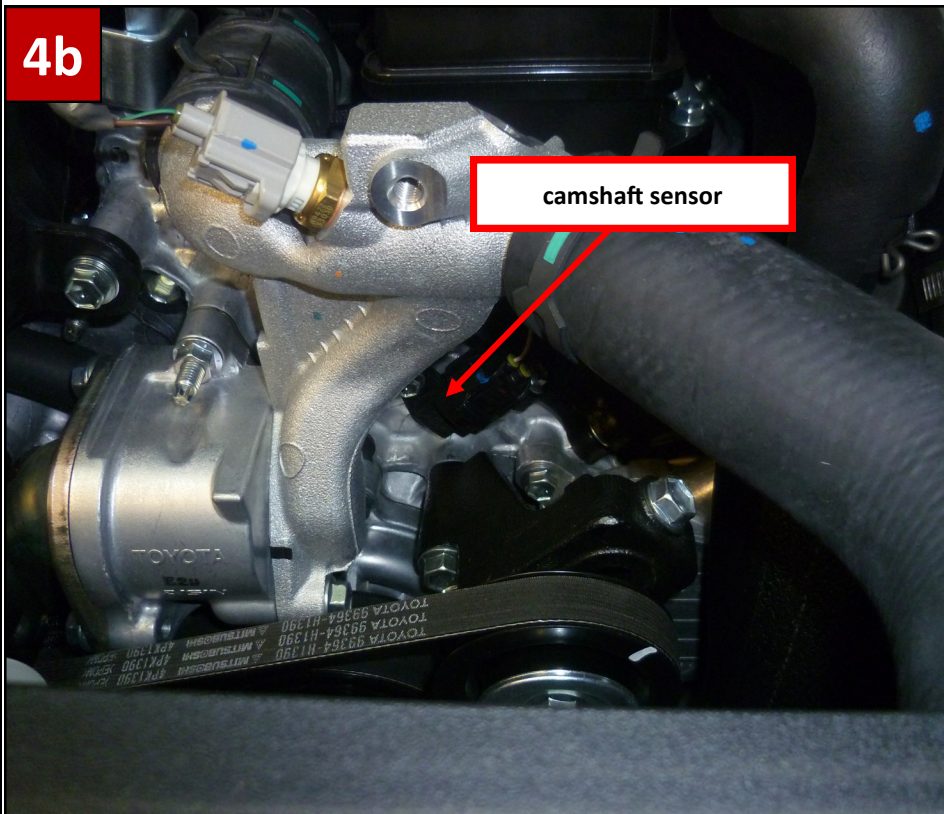
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4a



4. camshaft sensor

4b



- ◇ 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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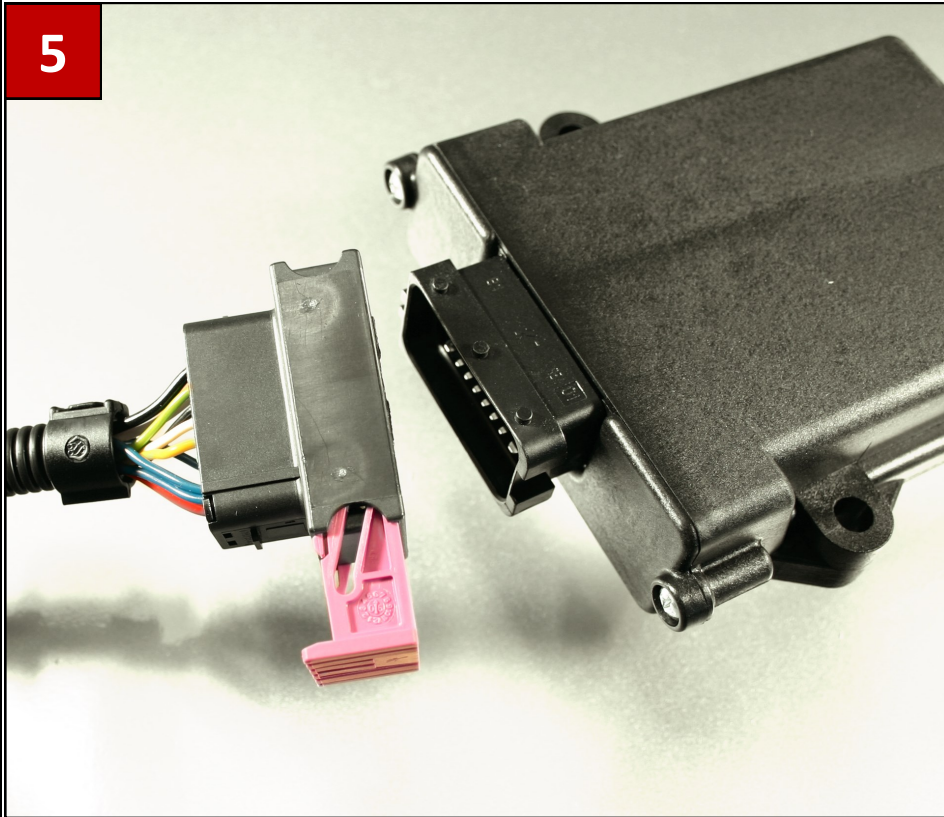
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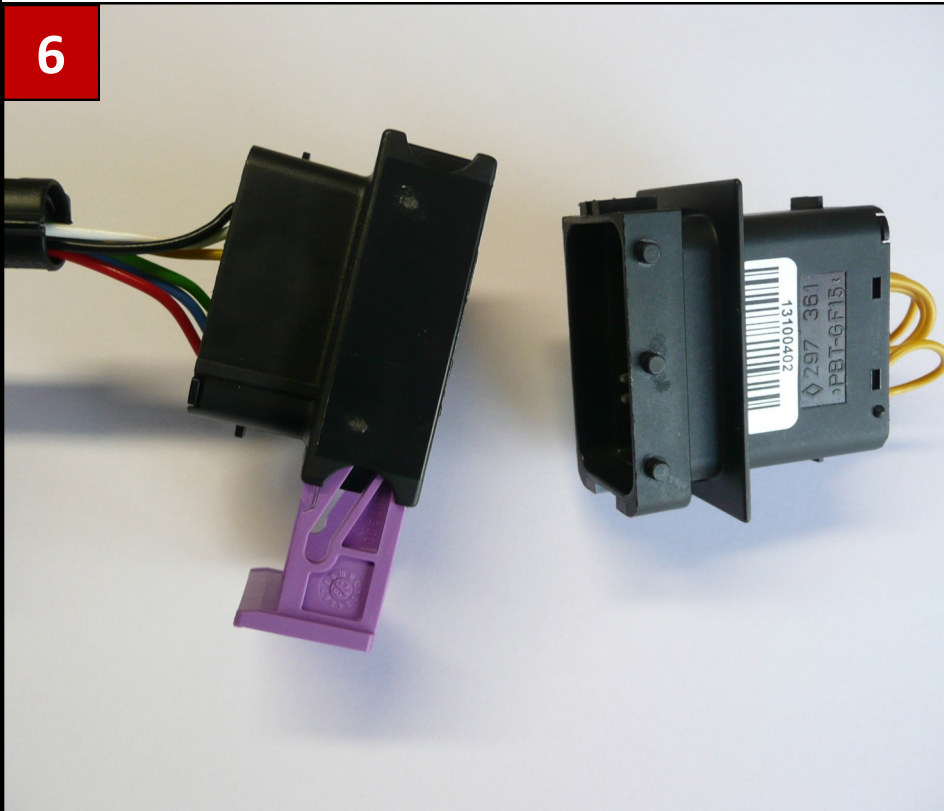
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5. tuningbox

- ◇ 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.